U.S. DEPARTMENT OF COMMERCE
DANIEL C. ROPER, Secretary
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
CLAUDIUS T. MURCHISON, Director

STATISTICAL ABSTRACT

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LETTER OF SUBMITTAL

DEPARTMENT OF COMMERCE,
BUREAU OF FOREIGN AND DOMESTIC COMMERCE,
Washington, August 26, 1935.

SIR: I have the honor to submit herewith for publication the fifty-seventh annual issue of the Statistical Abstract of the United States. This annual volume is a summary of authoritative statistics showing the trends in trade and industry as well as social progress and is a convenient reference work for business men, economists, statisticians, and students.

The present volume has been prepared in the Division of Economic Research under the editorship of Martha Hunter and the administrative direction of H. Gordon Hayes, chief of the division, and M. Joseph Meehan, assistant chief of the division. The volume represents a digest of data collected by all statistical agencies of the National Government, as well as those of a considerable number of private agencies and several States. Many of these offices and agencies have been of great assistance in furnishing advance data and also in the actual preparation of the tables used in the Abstract. Special mention in this connection is due the following offices of the Federal Government: The Bureau of the Census and the Bureau of Fisheries, of the Department of Commerce; the Bureau of Agricultural Economics and the Weather Bureau of the Department of Agriculture; the Immigration and Naturalization Service and the Bureau of Labor Statistics of the Department of Labor; the Office of Education, the General Land Office, and the Bureau of Mines of the Department of the Interior; the Statistical Section of the Income Tax Unit of the Treasury Department; the Veterans' Administration; the Interstate Commerce Commission; the Division of Research and Statistics of the Federal Reserve Board, and the Farm Credit Administration.

Respectfully,

CLAUDIUS T. MURCHISON,
Director.

TO HON. DANIEL C. ROPER,
Secretary of Commerce.

STATISTICAL ABSTRACT OF THE UNITED STATES

1.—AREA AND POPULATION

No. 1.—TERRITORIAL EXPANSION OF THE UNITED STATES

NOTE.—Gross areas, including land and water, but not water surface of oceans, Gulf of Mexico, and Great Lakes. Recent revisions in these figures are due to more accurate maps. For dates of organization of the individual States and Territories see Table 2, p. 1, Statistical Abstract 1931 and previous issues.

Accession	Date	Gross area, square miles	Accession	Date	Gross area, square miles
Aggregate (1930)		3,738,395	Outlying territories and possessions		711,606
Continental United States		3,026,789	Alaska Territory	1867	586,400
Territory in 1790 [1]		892,135	Hawaii Territory	1898	6,407
Louisiana Purchase	1803	827,987	Philippine Islands	1899	114,400
Florida	1819	58,666	Puerto Rico	1899	3,435
By treaty with Spain	1819	13,435	Guam	1899	206
Texas	1845	389,166	American Samoa	1900	76
Oregon	1846	286,541	Panama Canal Zone	1904	549
Mexican Cession	1848	529,189	Virgin Islands of the U. S.	1917	133
Gadsden Purchase	1853	29,670			

[1] Includes drainage basin of Red River of the North, not a part of any accession, but in the past sometimes considered a part of the Louisiana Purchase.

Source: Bureau of the Census, Department of Commerce.

No. 2.—AREA: GEOGRAPHIC DIVISIONS AND STATES, 1930

Division and State	Area (square miles)			Division and State	Area (square miles)		
	Land	Water	Total		Land	Water	Total
Continental United States	2,973,776	[1] 53,013	3,026,789	**South Atlantic—Con.**			
				Dist. of Columbia	62	8	70
				Virginia	40,262	2,365	42,627
New England	61,976	4,448	66,424	West Virginia	24,022	148	24,170
Maine	29,895	3,145	33,040	North Carolina	48,740	3,686	52,426
New Hampshire	9,031	310	9,341	South Carolina	30,495	494	30,989
Vermont	9,124	440	9,564	Georgia	58,725	540	59,265
Massachusetts	8,039	227	8,266	Florida	54,861	3,805	58,666
Rhode Island	1,067	181	1,248				
Connecticut	4,820	145	4,965	**East South Central**	179,509	1,974	181,483
				Kentucky	40,181	417	40,598
Middle Atlantic	100,000	2,554	102,554	Tennessee	41,687	335	42,022
New York	47,654	[2] 1,550	49,204	Alabama	51,279	719	51,998
New Jersey	7,514	710	8,224	Mississippi	46,362	503	46,865
Pennsylvania	44,832	[2] 294	45,126				
				West South Central	429,746	8,048	437,794
East North Central	245,564	2,541	248,105	Arkansas	52,525	810	53,335
Ohio	40,740	[2] 300	41,040	Louisiana	45,409	3,097	48,506
Indiana	36,045	[2] 309	36,354	Oklahoma	69,414	643	70,057
Illinois	56,043	[2] 622	56,665	Texas	262,398	3,498	265,896
Michigan	57,480	[2] 500	57,980				
Wisconsin	55,256	[2] 810	56,066	**Mountain**	859,009	6,008	865,017
				Montana	146,131	866	146,997
West North Central	510,804	7,575	518,379	Idaho	83,354	534	83,888
Minnesota	80,858	[2] 3,824	84,682	Wyoming	97,548	366	97,914
Iowa	55,586	561	56,147	Colorado	103,658	290	103,948
Missouri	68,727	693	69,420	New Mexico	122,503	131	122,634
North Dakota	70,183	654	70,837	Arizona	113,810	146	113,956
South Dakota	76,868	747	77,615	Utah	82,184	2,806	84,990
Nebraska	76,808	712	77,520	Nevada	109,821	869	110,690
Kansas	81,774	384	82,158				
				Pacific	318,095	6,028	324,123
South Atlantic	269,073	13,837	282,910	Washington	66,836	[3] 2,291	69,127
Delaware	1,965	405	2,370	Oregon	95,607	1,092	96,699
Maryland	9,941	2,386	12,327	California	155,652	2,645	158,297

[1] Does not include the water surface of the oceans, the Gulf of Mexico, or the Great Lakes, the Strait of Juan de Fuca, and the Gulf of Georgia, lying within the jurisdiction of the United States.
[2] Exclusive of Great Lakes.
[3] Exclusive of water area of the Strait of Juan de Fuca and the Gulf of Georgia.

Source: Bureau of the Census, Department of Commerce.

No. 3.—AREA AND POPULATION: CONTINENTAL UNITED STATES, 1790 TO 1930

NOTE.—The enumeration of 1870 was incomplete in the Southern States. The last column shows the estimated rate of increase corrected for 1870 and 1880

Census year	Area (square miles)			Population				
	Gross	Land	Water	Number	Per square mile [1]	Increase over preceding census		
						Number	Per cent	Corrected per cent, estimated
1790	892,135	867,980	24,155	3,929,214	4.5			
1800	892,135	867,980	24,155	5,308,483	6.1	1,379,269	35.1	
1810	1,720,122	1,685,865	34,257	7,239,881	4.3	1,931,398	36.4	
1820	1,792,223	1,753,588	38,635	9,638,453	5.5	2,398,572	33.1	
1830	1,792,223	1,753,588	38,635	12,866,020	7.3	3,227,567	33.5	
1840	1,792,223	1,753,588	38,635	17,069,453	9.7	4,203,433	32.7	
1850	2,997,119	2,944,337	52,782	23,191,876	7.9	6,122,423	35.9	
1860	3,026,789	2,973,965	52,824	31,443,321	10.6	8,251,445	35.6	
1870	3,026,789	2,973,965	52,824	38,558,371	13.0	7,115,050	22.6	26.6
1880	3,026,789	2,973,965	52,824	50,155,783	16.9	11,597,412	30.1	26.0
1890	3,026,789	2,973,965	52,824	62,947,714	21.2	12,791,931	25.5	
1900	3,026,789	2,974,159	52,630	75,994,575	25.6	13,046,861	20.7	
1910	3,026,789	2,973,890	52,899	91,972,266	30.9	15,977,691	21.0	
1920	3,026,789	2,973,776	53,013	105,710,620	35.5	13,738,354	14.9	
1930	3,026,789	2,973,776	53,013	122,775,046	41.3	17,064,426	[2]16.1	

[1] Based on land area.

[2] In comparing this percentage of increase with that shown for the decade 1910–1920, allowance should be made for the fact that the period between the censuses of 1910 and 1920 was less than a full decade, and that between the 1920 and 1930 censuses was more than a full decade. An increase of 16.1 per cent for 123 months (the time between Jan. 1, 1920, and Apr. 1, 1930) is equivalent to 15.7 per cent for exactly 10 years; and the 1920 increase for 116½ months (the time between Apr. 15, 1910, and Jan. 1, 1920) is equivalent to 15.4 per cent for 120 months. Making this adjustment, the rate of increase for the decade ending in 1930 is only slightly higher than that for the preceding decade.

Source: Bureau of the Census, Department of Commerce.

No. 4.—POPULATION: CONTINENTAL UNITED STATES AND OUTLYING TERRITORIES AND POSSESSIONS, 1910, 1920, AND 1930

NOTE.—These data represent actual enumerations, not estimates, as in Table 12. For several of the outlying possessions they relate to dates other than 1910, 1920, and 1930, as indicated by footnotes. The census of Continental United States was as of date Apr. 15 in 1910, Jan. 1 in 1920, and Apr. 1 in 1930

Area	Gross area (land and water) in square miles [1]	Population		
		1910	1920	1930
United States, with outlying territories and possessions	3,738,395	101,146,530	117,823,165	137,008,435
Continental United States	3,026,789	91,972,266	105,710,620	122,775,046
Outlying territories and possessions	711,606	9,174,264	12,112,545	14,233,389
Alaska Territory	586,400	64,356	55,036	59,278
American Samoa	76	[2] 7,251	8,056	10,055
Guam	206	11,806	13,275	18,509
Hawaii Territory	6,407	191,909	255,912	368,336
Panama Canal Zone	549	[3] 62,810	22,858	39,467
Puerto Rico	3,435	1,118,012	1,299,809	1,543,913
Military and naval, etc., services abroad		55,608	117,238	80,463
Philippine Islands	114,400	[3] 7,635,426	[4] 10,314,310	[5] 12,082,366
Virgin Islands of the United States	133	[6] 27,086	[7] 26,051	22,012
Total Continental United States and incorporated territories (Alaska and Hawaii)	3,619,596	92,228,531	106,021,568	123,202,660
Total Statistical Customs Area—Continental United States, Alaska, Hawaii, Puerto Rico	3,623,031	93,346,543	107,321,377	124,746,573

[1] See headnote Table 1. [2] Population in 1912. [3] Population in 1903. [4] Population Dec. 31, 1918.
[5] Estimated population July 1, 1929 (annual report of the director of education of the Philippine Islands).
[6] Population in 1911. [7] Population Nov. 1, 1917.

Source: Bureau of the Census, Department of Commerce.

No. 5.—DENSITY OF POPULATION PER SQUARE MILE, BY STATES

NOTE.—The population of continental United States has been divided by the total land area, *although it* included at each census some unorganized territory which was not canvassed by the enumerators. For each State or Territory the population as returned at a given census has been divided by the land area as constituted at the time that census was taken. The areas of Indian reservations, outside of Indian Territory, are included in the areas of the several States and Territories, *although the population was* not ascertained and can not be considered in figuring density of population prior to 1890. The census of *1870 in the Southern States is considered incomplete. Population density in 1930 of Alaska, Hawaii,* and Puerto Rico, and of Philippine Islands, December 31, 1918, based on gross area, and not land area, was as follows: Alaska, 0.1; Hawaii, 57.5; Puerto Rico, 449.5; Philippine Islands, 90.0

Division and State	1800	1850	1860	1870	1880	1890	1900	1910	1920	1930
Continental United States	6.1	7.9	10.6	13.0	16.9	21.2	25.6	30.9	35.5	41.3
New England	19.9	44.0	50.6	56.3	64.7	75.8	90.2	105.7	119.4	131.8
Maine	5.1	19.5	21.0	21.0	21.7	22.1	23.2	24.8	25.7	26.7
New Hampshire	20.4	35.2	36.1	35.2	38.4	41.7	45.6	47.7	49.1	51.5
Vermont	16.9	34.4	34.5	36.2	36.4	36.4	37.7	39.0	38.6	39.4
Massachusetts	52.6	123.7	153.1	181.3	221.8	278.5	349.0	418.8	479.2	528.6
Rhode Island	64.8	138.3	163.7	203.7	259.2	323.8	401.6	508.5	566.4	644.3
Connecticut	52.1	76.9	95.5	111.5	129.2	154.8	188.5	231.3	286.4	333.4
Middle Atlantic	14.0	59.0	74.6	88.1	105.0	127.1	154.5	193.2	222.6	262.6
New York	12.4	65.0	81.4	92.0	106.7	126.0	152.5	191.2	217.9	264.2
New Jersey	28.1	65.2	89.4	120.6	150.5	192.3	250.7	337.7	420.0	537.8
Pennsylvania	13.4	51.6	64.8	78.6	95.5	117.3	140.6	171.0	194.5	214.8
East North Central	.2	18.4	28.2	37.2	45.7	54.9	65.2	74.3	87.5	108.0
Ohio	1.1	48.6	57.4	65.4	78.5	90.1	102.1	117.0	141.4	163.1
Indiana	(1)	27.5	37.6	46.8	55.1	61.1	70.1	74.9	81.3	89.8
Illinois		15.2	30.6	45.4	55.0	68.3	86.1	100.6	115.7	136.2
Michigan		6.9	13.0	20.5	28.5	36.4	42.1	48.9	63.8	84.2
Wisconsin		5.5	14.0	19.1	23.8	30.6	37.4	42.2	47.6	53.2
West North Central		3.1	3.0	7.6	12.1	17.5	20.3	22.3	24.6	26.0
Minnesota		(1)	2.1	5.4	9.7	16.2	21.7	25.7	29.5	31.7
Iowa		3.5	12.1	21.5	29.2	34.4	40.2	40.0	43.2	44.5
Missouri		9.9	17.2	25.0	31.6	39.0	45.2	47.9	49.5	52.8
North Dakota			(2)	(2)	(2)	2.7	4.5	8.2	9.2	9.7
South Dakota			(2)	(2)	(2)	4.5	5.2	7.6	8.3	9.0
Nebraska			.2	1.6	5.9	13.8	13.9	15.5	16.9	17.9
Kansas			1.3	4.5	12.2	17.5	18.0	20.7	21.6	23.0
South Atlantic	8.6	17.4	19.9	21.8	28.2	32.9	38.8	45.3	52.0	58.7
Delaware	32.7	46.6	57.1	63.6	74.6	85.7	94.0	103.0	113.5	121.3
Maryland	34.4	58.6	69.1	78.6	94.0	104.9	119.5	130.8	145.8	164.1
Dist. of Columbia	156.6	891.2	1,294.5	2,270.7	3,062.5	3,972.3	4,645.3	5,517.8	7,292.9	7,852.7
Virginia	13.7	22.1	24.8	30.4	37.6	41.1	46.1	51.2	57.4	60.2
West Virginia				18.4	25.7	31.8	39.9	50.8	60.9	72.0
North Carolina	9.8	17.8	20.4	22.0	28.7	33.2	38.9	45.3	52.5	65.0
South Carolina	11.3	21.9	23.1	23.1	32.6	37.7	44.0	49.7	55.2	57.0
Georgia	1.5	15.4	18.0	20.2	26.3	31.3	37.7	44.4	49.3	49.5
Florida		1.6	2.6	3.4	4.9	7.1	9.6	13.7	17.7	26.8
East South Central	2.9	18.7	22.4	24.5	31.1	35.8	42.0	46.8	49.5	55.1
Kentucky	5.5	24.4	28.8	32.9	41.0	46.3	53.4	57.0	60.1	65.1
Tennessee	2.5	24.1	26.6	30.2	37.0	42.4	48.5	52.4	56.1	62.8
Alabama		15.0	18.8	19.4	24.6	29.5	35.7	41.7	45.8	51.6
Mississippi	.3	13.1	17.1	17.9	24.4	27.8	33.5	38.8	38.6	43.4
West South Central		2.6	4.9	5.6	9.3	11.0	15.2	20.4	23.8	28.3
Arkansas		4.0	8.3	9.2	15.3	21.5	25.0	30.0	33.4	35.3
Louisiana		11.4	15.6	16.0	20.7	24.6	30.4	36.5	39.6	46.3
Oklahoma						[3] 3.7	[3] 11.4	23.9	29.2	34.5
Texas		.8	2.3	3.1	6.1	8.5	11.6	14.8	17.8	22.2
Mountain		.2	.8	.4	.8	1.4	1.9	3.1	3.9	4.3
Montana				.1	.3	1.0	1.7	2.6	3.8	3.7
Idaho				.2	.4	1.1	1.9	3.9	5.2	5.3
Wyoming				.1	.2	.6	.9	1.5	2.0	2.3
Colorado			.3	.4	1.9	4.0	5.2	7.7	9.1	10.0
New Mexico		.3	.4	.7	1.0	1.3	1.6	2.7	2.9	3.5
Arizona				.1	.4	.8	1.1	1.8	2.9	3.8
Utah		(1)	.3	1.1	1.8	2.6	3.4	4.5	5.5	6.2
Nevada			.1	.4	.6	.4	.4	.7	.7	.8
Pacific		.2	1.0	2.1	3.5	5.9	7.6	13.2	17.5	25.8
Washington			.1	.4	1.1	5.3	7.8	17.1	20.3	23.4
Oregon		(1)	.5	1.0	1.8	3.3	4.3	7.0	8.2	10.0
California		.6	2.4	3.6	5.5	7.8	9.5	15.3	22.0	36.5

[1] Less than one-tenth of 1 per cent.
[2] Dakota Territory: Less than one-tenth of 1 per cent in 1860, 0.1 in 1870, and 0.9 in 1880.
[3] 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: Bureau of the Census, Department of Commerce.

No. 6.—POPULATION BY STATES

NOTE.—The census of 1870 in the

	Division and State	Population							
		1790	1800	1810	1820	1830	1840	1850	1860
1	Continental U.S.	3,929,214	5,308,483	7,239,881	9,638,453	[2] 12,866,020	[2] 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	214,460	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	272,342	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	428,814	880,335	2,169,832
20	Minnesota	----------	----------	----------	----------	----------	----------	6,077	172,023
21	Iowa	----------	----------	----------	----------	----------	43,112	192,214	674,913
22	Missouri	----------	----------	[4] 19,783	66,586	140,455	383,702	682,044	1,182,012
23	North Dakota	----------	----------	----------	----------	----------	----------	----------	[5]
24	South Dakota	----------	----------	----------	----------	----------	----------	----------	[5] 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	4,079,090	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 Col.	----------	14,093	24,023	33,039	39,834	43,712	51,687	75,080
31	Virginia [6]	747,610	880,200	974,600	1,065,366	1,211,405	1,239,797	1,421,661	1,596,318
32	West Virginia [6]	----------	----------	----------	----------	----------	----------	----------	----------
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	109,388	335,407	708,590	1,180,489	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	1,747,687
43	Arkansas	----------	----------	[7] 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] A minus sign (−) denotes decrease.
[2] Includes population (325,464) of Indian Territory and Indian reservations, specially enumerated in 1890, but not included in the general report on population for 1890.
[3] Includes persons (5,318 in 1830 and 6,100 in 1840) on public ships in the service of the United States not credited to any division or State.

Source: Bureau of the Census, Department of Commerce.

AT EACH CENSUS, 1790 TO 1930

Southern States is considered incomplete

Population—Continued							Per cent increase [1]		Per cent distribution		
1870	1880	1890 [2]	1900	1910	1920	1930	1900–1930	1920–1930	1920	1930	
38,558,371	50,155,783	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046	61.6	16.1	100.0	100.0	1
3,487,924	4,010,529	4,700,749	5,592,017	6,552,681	7,400,909	8,136,341	46.0	10.3	7.0	6.7	2
626,915	648,936	661,086	694,466	742,371	768,014	797,423	14.8	3.8	.7	.6	3
318,300	346,991	376,530	411,588	430,572	443,083	465,293	13.0	5.0	.4	.4	4
330,551	332,286	322,422	343,641	355,956	352,428	359,611	4.6	2.0	.3	.3	5
1,457,351	1,783,085	2,238,947	2,805,346	3,366,416	3,852,356	4,249,614	51.5	10.3	3.6	3.5	6
217,353	276,531	345,506	428,556	542,610	604,397	687,497	60.4	13.7	.6	.6	7
537,454	622,700	746,258	908,420	1,114,756	1,380,631	1,606,903	76.9	16.4	1.3	1.3	8
8,810,308	10,496,378	12,706,220	15,454,678	19,315,892	22,261,144	26,260,750	69.9	18.0	21.1	21.4	9
4,382,759	5,082,871	6,003,174	7,268,894	9,113,614	10,385,227	12,588,066	73.2	21.2	9.8	10.3	10
900,093	1,131,116	1,444,933	1,883,669	2,537,167	3,155,900	4,041,334	114.5	28.1	3.0	3.3	11
3,521,951	4,282,891	5,258,113	6,302,115	7,665,111	8,720,017	9,631,350	52.8	10.5	8.2	7.8	12
9,124,517	11,206,668	13,478,305	15,985,581	18,250,621	21,475,543	25,297,185	58.3	17.8	20.3	20.6	13
2,665,260	3,198,062	3,672,329	4,157,545	4,767,121	5,759,394	6,646,697	59.9	15.4	5.4	5.4	14
1,680,637	1,978,301	2,192,404	2,516,462	2,700,876	2,930,390	3,238,503	28.7	10.5	2.8	2.6	15
2,539,891	3,077,871	3,820,352	4,821,550	5,638,591	6,485,280	7,630,654	58.3	17.7	6.1	6.2	16
1,184,059	1,636,937	2,003,896	2,420,982	2,810,173	3,068,412	4,842,325	100.0	32.0	3.5	3.9	17
1,054,670	1,315,497	1,693,330	2,069,042	2,333,860	2,632,067	2,939,006	42.0	11.7	2.5	2.4	18
3,856,594	6,157,443	8,932,112	10,347,423	11,637,921	12,544,249	13,296,915	28.5	6.0	11.9	10.8	19
439,706	780,773	1,310,283	1,751,394	2,075,708	2,387,125	2,563,953	46.4	7.4	2.3	2.1	20
1,194,020	1,624,615	1,912,297	2,231,853	2,224,771	2,404,021	2,470,939	10.7	2.8	2.3	2.0	21
1,721,295	2,168,380	2,679,185	3,106,665	3,293,335	3,404,055	3,629,367	16.8	6.6	3.2	3.0	22
[5] 2,405	[5] 36,909	190,983	319,146	577,056	646,872	680,845	113.3	5.3	.6	.6	23
[5] 11,776	[5] 98,268	348,600	401,570	583,888	636,547	692,849	72.5	8.8	.6	.6	24
122,993	452,402	1,062,656	1,066,300	1,192,214	1,296,372	1,377,963	29.2	6.3	1.2	1.1	25
364,399	996,096	1,428,108	1,470,495	1,690,949	1,769,257	1,880,999	27.9	6.3	1.7	1.5	26
5,853,610	7,597,197	8,857,922	10,443,480	12,194,895	13,990,272	15,793,589	51.2	12.9	13.2	12.9	27
125,015	146,608	168,493	184,735	202,322	223,003	238,380	29.0	6.9	.2	.2	28
780,894	934,943	1,042,390	1,188,044	1,295,346	1,449,661	1,631,526	37.3	12.5	1.4	1.3	29
131,700	177,624	230,392	278,718	331,069	437,571	486,869	74.7	11.3	.4	.4	30
1,225,163	1,512,565	1,655,980	1,854,184	2,061,612	2,309,187	2,421,851	30.6	4.9	2.2	2.0	31
442,014	618,457	762,794	958,800	1,221,119	1,463,701	1,729,205	80.4	18.1	1.4	1.4	32
1,071,361	1,309,750	1,617,949	1,893,810	2,206,287	2,559,123	3,170,276	67.4	23.9	2.4	2.6	33
705,606	995,577	1,151,149	1,340,316	1,515,400	1,683,724	1,738,765	29.7	3.3	1.6	1.4	34
1,184,109	1,542,180	1,837,353	2,216,331	2,609,121	2,895,832	2,908,506	31.2	.4	2.7	2.4	35
187,748	269,493	391,422	528,542	752,619	968,470	1,468,211	177.8	51.6	.9	1.2	36
4,404,445	5,585,151	6,429,154	7,547,757	8,409,801	8,893,307	9,887,214	31.0	11.2	8.4	8.1	37
1,321,611	1,648,690	1,858,635	2,147,174	2,289,905	2,416,630	2,614,589	21.8	8.2	2.3	2.1	38
1,258,520	1,542,359	1,767,518	2,020,616	2,184,789	2,337,885	2,616,556	29.5	11.9	2.2	2.1	39
996,992	1,262,505	1,513,401	1,828,697	2,138,093	2,348,174	2,646,248	44.7	12.7	2.2	2.2	40
827,922	1,131,597	1,280,600	1,551,270	1,797,114	1,790,618	2,009,821	29.6	12.2	1.7	1.6	41
2,029,965	3,334,220	4,740,983	6,532,290	8,784,534	10,942,224	12,176,830	86.4	18.9	9.7	9.9	42
484,471	802,525	1,128,211	1,311,564	1,574,449	1,752,204	1,854,482	41.4	5.8	1.7	1.5	43
726,915	939,946	1,118,588	1,381,625	1,656,388	1,798,509	2,101,593	52.1	16.9	1.7	1.7	44
		[8] 258,657	[8] 790,391	1,057,155	2,028,283	2,396,040	203.1	18.1	1.9	2.0	45
818,579	1,591,749	2,235,527	3,048,710	3,896,542	4,663,228	5,824,715	91.1	24.9	4.4	4.7	46
316,385	653,119	1,213,935	1,674,657	2,633,517	3,336,101	3,701,789	121.0	11.0	3.2	3.0	47
20,595	39,159	142,924	243,329	376,053	548,889	537,606	120.9	−2.1	.5	.4	48
14,999	32,610	88,548	161,772	325,594	431,866	445,032	175.1	3.0	.4	.4	49
9,118	20,789	62,555	92,531	145,965	194,402	225,565	143.8	16.0	.2	.2	50
39,864	194,327	413,249	539,700	799,024	939,629	1,035,791	91.9	10.2	.9	.8	51
91,874	119,565	160,282	195,310	327,301	360,350	423,317	116.7	17.5	.3	.3	52
9,658	40,440	88,243	122,931	204,354	334,162	435,573	254.3	30.3	.3	.4	53
86,786	143,963	210,779	276,749	373,351	449,396	507,847	83.5	13.0	.4	.4	54
42,491	62,266	47,355	42,335	81,875	77,407	91,058	115.1	17.6	.1	.1	55
675,125	1,114,578	1,888,334	2,416,692	4,192,304	5,566,871	9,194,433	236.1	47.2	5.3	6.7	56
23,955	75,116	367,232	518,103	1,141,990	1,356,621	1,563,396	201.8	15.2	1.3	1.3	57
90,923	174,768	317,704	413,536	672,765	783,389	953,786	130.6	21.8	.7	.8	58
560,247	864,694	1,213,398	1,485,053	2,377,549	3,426,861	5,677,251	282.3	65.7	3.2	4.6	59

[4] Population of area taken to form State of Missouri in 1821; part of Louisiana Territory in 1810.
[5] Population shown for South Dakota in 1860 represents entire Dakota Territory; for 1870 and 1880, population parts as since existing have been segregated.
[6] Area now constituting West Virginia formed part of Virginia prior to 1870.
[7] Population of area taken to form Arkansas Territory in 1819; part of Louisiana Territory in 1810.
[8] Includes population of Indian Territory, as follows: 1890, 180,182; 1900, 392,060.

No. 7.—DISTRIBUTION OF POPULATION IN GROUPS OF CITIES AND IN RURAL TERRITORY

NOTE.—Prior to 1930 all incorporated places and also towns (townships) in Massachusetts, Rhode Island, and New Hampshire having 2,500 or more inhabitants, are classed as urban areas. For 1930, urban areas also include unincorporated political subdivisions with a total population of 10,000 or more inhabitants and a population density of 1,000 per square mile and include for the three New England States named above only those towns which contain a village of more than 2,500 inhabitants comprising, either by itself or when combined with other villages within the same town, more than 50 per cent of the population of the town. The total urban and rural population for 1880 and 1890 is as follows: Urban—1880, 14,358,167; 1890, 22,298,359; rural—1880, 35,797,616; 1890, 40,649,355; per cent urban—1880, 28.6; 1890, 35.4.

Class	1900		1910		1920	
	Number of places	Population	Number of places	Population	Number of places	Population
Total	-------	75, 994, 575	-------	91, 972, 266	-------	105, 710, 620
Urban territory	1, 801	30, 380, 433	2, 313	42, 166, 120	2, 787	54, 304, 603
Places of 1,000,000 or more	3	6, 429, 474	3	8, 501, 174	3	10, 145, 532
Places of 500,000 to 1,000,000	3	1, 645, 087	5	3, 010, 657	9	6, 223, 769
Places of 250,000 to 500,000	9	2, 861, 296	11	3, 949, 839	13	4, 540, 838
Places of 100,000 to 250,000	23	3, 272, 490	31	4, 840, 458	43	6, 519, 187
Places of 50,000 to 100,000	40	2, 709, 338	59	4, 178, 915	76	5, 265, 747
Places of 25,000 to 50,000	82	2, 800, 627	119	4, 026, 045	143	5, 075, 041
Places of 10,000 to 25,000	280	4, 338, 250	367	5, 524, 434	459	6, 942, 742
Places of 5,000 to 10,000	468	3, 220, 756	612	4, 254, 856	721	4, 997, 794
Places of 2,500 to 5,000	893	3, 103, 105	1, 100	3, 879, 732	1, 320	4, 593, 953
Rural territory	-------	45, 614, 142	-------	49, 806, 146	-------	51, 406, 017
Incorporated places of less than 2,500	8, 930	6, 301, 533	11, 829	8, 164, 628	12, 853	8, 963, 125
Other rural territory	-------	39, 312, 609	-------	41, 641, 518	-------	42, 442, 892

Class	1930		Per cent of total population			
	Number of places	Population	1900	1910	1920	1930
Total	-------	122, 775, 046	100.0	100.0	100.0	100.0
Urban territory	3, 165	68, 954, 823	40.0	45.8	51.4	56.2
Places of 1,000,000 or more	5	15, 064, 555	8.5	9.2	9.6	12.3
Places of 500,000 to 1,000,000	8	5, 763, 987	2.2	3.3	5.9	4.7
Places of 250,000 to 500,000	24	7, 956, 228	3.8	4.3	4.3	6.5
Places of 100,000 to 250,000	56	7, 540, 966	4.3	5.3	6.2	6.1
Places of 50,000 to 100,000	98	6, 491, 448	3.6	4.5	5.0	5.3
Places of 25,000 to 50,000	185	6, 425, 693	3.7	4.4	4.8	5.2
Places of 10,000 to 25,000	606	9, 097, 200	5.7	6.0	6.6	7.4
Places of 5,000 to 10,000	851	5, 897, 156	4.2	4.6	4.7	4.8
Places of 2,500 to 5,000	1, 332	4, 717, 590	4.1	4.2	4.3	3.8
Rural territory	-------	53, 820, 223	60.0	54.2	48.6	43.8
Incorporated places of less than 2,500	13, 433	9, 183, 453	8.3	8.9	8.5	7.5
Other rural territory	-------	44, 636, 770	51.7	45.3	40.2	36.4

No. 8.—POPULATION IN PLACES OF 8,000 INHABITANTS OR MORE

Year	Total population	Places of 8,000 inhabitants or more			Year	Total population	Places of 8,000 inhabitants or more		
		Population	Number of places	Per cent of total population			Population	Number of places	Per cent of total population
1790	3, 920, 214	131, 472	6	3.3	1870	38, 558, 371	8, 071, 875	226	20.9
1800	5, 308, 483	210, 873	6	4.0	1880	50, 155, 783	11, 365, 698	285	22.7
1810	7, 239, 881	356, 920	11	4.9	1890	62, 947, 714	18, 244, 239	445	29.0
1820	9, 638, 453	475, 135	13	4.9	1900	75, 994, 575	25, 018, 335	547	32.9
1830	12, 866, 020	864, 509	26	6.7	1910	91, 972, 266	35, 570, 334	768	38.7
1840	17, 069, 453	1, 453, 994	44	8.5	1920	105, 710, 620	46, 307, 640	924	43.8
1850	23, 191, 876	2, 897, 586	85	12.5	1930	122, 775, 046	60, 333, 452	1, 208	49.1
1860	31, 443, 321	5, 072, 256	141	16.1					

Source of Tables 7 and 8: Bureau of the Census, Department of Commerce.

No. 9.—URBAN AND RURAL POPULATION, BY STATES

NOTE.—See headnote, Table 7. The proportion of urban and rural population in 1930 as compared with data for earlier censuses was affected by changes in the classification. If the segregation of urban and rural had been made in 1930 on the same basis as in 1920, the per cent urban in 1930 for the areas affected would have been as follows: United States, 55.9; New Hampshire, 66.3; Massachusetts, 95.3; Rhode Island, 97.5; Connecticut, 65.0; New York, 83.4; New Jersey, 77.5; Pennsylvania, 65.7; California, 72.4

Division and State	1910		1920		1930		Per cent urban		
	Urban	Rural	Urban	Rural	Urban	Rural	1910	1920	1930
Continental United States	42, 166, 120	49, 806, 146	54, 304, 603	51, 406, 017	68, 954, 823	53, 820, 223	45. 8	51. 4	56. 2
New England	4, 998, 082	1, 554, 599	5, 865, 073	1, 535, 836	6, 311, 976	1, 854, 365	76. 3	79. 2	77. 3
Maine	262, 248	480, 123	299, 569	468, 445	321, 506	475, 917	35. 3	39. 0	40. 3
New Hampshire [1]	255, 099	175, 473	279, 761	163, 322	273, 079	192, 214	59. 2	63. 1	58. 7
Vermont	98, 917	257, 039	109, 976	242, 452	118, 766	240, 845	27. 8	31. 2	33. 0
Massachusetts [1]	3, 125, 367	241, 049	3, 650, 248	202, 108	3, 831, 426	418, 188	92. 8	94. 8	90. 2
Rhode Island [1]	524, 654	17, 956	589, 180	15, 217	635, 420	52, 068	96. 7	97. 5	92. 4
Connecticut [1]	731, 797	382, 959	936, 339	444, 292	1, 131, 770	475, 133	65. 6	67. 8	70. 4
Middle Atlantic	13, 723, 373	5, 592, 519	16, 672, 595	5, 588, 549	20, 394, 707	5, 866, 043	71. 0	74. 9	77. 7
New York [1]	7, 185, 494	1, 928, 120	8, 589, 844	1, 795, 383	10, 521, 952	2, 066, 114	78. 8	82. 7	83. 6
New Jersey [1]	1, 907, 210	629, 957	2, 474, 236	680, 964	3, 339, 244	702, 090	75. 2	78. 4	82. 6
Pennsylvania [1]	4, 630, 669	3, 034, 442	5, 607, 815	3, 112, 202	6, 533, 511	3, 097, 839	60. 4	64. 3	67. 8
East North Central	9, 617, 271	8, 633, 350	13, 049, 272	9, 426, 271	16, 794, 908	8, 502, 277	52. 7	60. 8	66. 4
Ohio	2, 665, 143	2, 101, 978	3, 677, 136	2, 082, 258	4, 507, 371	2, 139, 326	55. 9	63. 8	67. 8
Indiana	1, 143, 835	1, 557, 041	1, 482, 855	1, 447, 535	1, 795, 892	1, 442, 611	42. 4	50. 6	55. 5
Illinois	3, 476, 929	2, 161, 662	4, 403, 153	2, 082, 127	5, 035, 727	1, 994, 927	61. 7	67. 9	73. 9
Michigan	1, 327, 044	1, 483, 129	2, 241, 560	1, 426, 852	3, 302, 075	1, 540, 250	47. 2	61. 1	68. 2
Wisconsin	1, 004, 320	1, 329, 540	1, 244, 568	1, 387, 499	1, 553, 843	1, 385, 163	43. 0	47. 3	52. 9
West North Central	3, 873, 716	7, 764, 205	4, 727, 372	7, 816, 877	5, 556, 181	7, 740, 734	33. 3	37. 7	41. 8
Minnesota	850, 294	1, 225, 414	1, 051, 593	1, 335, 532	1, 257, 616	1, 306, 337	41. 0	44. 1	49. 0
Iowa	680, 054	1, 544, 717	875, 495	1, 528, 526	979, 292	1, 491, 647	30. 6	36. 4	39. 6
Missouri	1, 398, 317	1, 894, 518	1, 586, 903	1, 817, 152	1, 859, 119	1, 770, 248	42. 5	46. 6	51. 2
North Dakota	63, 236	513, 820	88, 239	558, 633	113, 306	567, 539	11. 0	13. 6	16. 6
South Dakota	76, 673	507, 215	101, 872	534, 675	130, 907	561, 042	13. 1	16. 0	18. 9
Nebraska	310, 852	881, 362	405, 306	891, 060	486, 107	891, 856	26. 1	31. 3	35. 3
Kansas	493, 790	1, 107, 159	617, 964	1, 151, 293	729, 834	1, 151, 165	29. 2	34. 9	38. 8
South Atlantic	3, 092, 153	9, 102, 742	4, 338, 792	9, 651, 480	5, 998, 122	10, 095, 467	25. 4	31. 0	36. 1
Delaware	97, 085	105, 237	120, 767	102, 236	123, 145	115, 234	48. 0	54. 2	51. 7
Maryland	658, 192	637, 154	869, 422	580, 239	974, 869	656, 657	50. 8	60. 0	59. 8
District of Columbia	331, 069		437, 571		486, 869		100. 0	100. 0	100. 0
Virginia	476, 529	1, 585, 083	673, 984	1, 635, 203	785, 537	1, 636, 314	23. 1	29. 2	32. 4
West Virginia	228, 242	992, 877	399, 007	1, 094, 694	491, 504	1, 237, 701	18. 7	25. 2	28. 4
North Carolina	318, 474	1, 887, 813	490, 370	2, 068, 753	809, 847	2, 300, 429	14. 4	19. 2	25. 5
South Carolina	224, 332	1, 290, 568	293, 987	1, 389, 737	371, 080	1, 367, 685	14. 8	17. 5	21. 3
Georgia	538, 650	2, 070, 471	727, 859	2, 167, 973	895, 492	2, 013, 014	20. 6	25. 1	30. 8
Florida	219, 080	533, 539	355, 825	612, 645	759, 778	708, 433	29. 1	30. 7	51. 7
East South Central	1, 574, 229	6, 835, 672	1, 994, 207	6, 899, 100	2, 778, 687	7, 108, 527	18. 7	22. 4	28. 1
Kentucky	555, 442	1, 734, 463	633, 543	1, 783, 087	799, 025	1, 815, 563	24. 3	26. 2	30. 6
Tennessee	441, 045	1, 743, 744	611, 226	1, 726, 659	896, 538	1, 720, 018	20. 2	26. 1	34. 3
Alabama	370, 431	1, 767, 662	509, 317	1, 838, 857	744, 273	1, 901, 075	17. 3	21. 7	28. 1
Mississippi	207, 311	1, 589, 803	240, 121	1, 550, 497	338, 850	1, 670, 971	11. 5	13. 4	16. 9
West South Central	1, 957, 456	6, 827, 078	2, 970, 629	7, 271, 395	4, 427, 439	7, 743, 391	22. 3	29. 0	36. 4
Arkansas	202, 681	1, 371, 768	290, 497	1, 461, 707	382, 878	1, 471, 604	12. 9	16. 6	20. 6
Louisiana	496, 516	1, 159, 872	628, 163	1, 170, 346	833, 532	1, 268, 061	30. 0	34. 9	39. 7
Oklahoma	320, 155	1, 337, 000	536, 480	1, 488, 803	821, 681	1, 574, 359	19. 3	26. 6	34. 3
Texas	938, 104	2, 958, 438	1, 512, 689	3, 150, 539	2, 380, 348	3, 435, 367	24. 1	32. 4	41. 0
Mountain	947, 511	1, 686, 006	1, 214, 980	2, 121, 121	1, 457, 922	2, 243, 887	36. 0	36. 4	39. 4
Montana	133, 420	242, 633	172, 011	376, 878	181, 036	356, 570	35. 5	31. 3	33. 7
Idaho	69, 898	255, 696	119, 037	312, 829	129, 507	315, 525	21. 5	27. 6	29. 1
Wyoming	43, 221	102, 744	57, 348	137, 054	70, 007	155, 468	29. 6	29. 5	31. 1
Colorado	404, 840	394, 184	453, 259	486, 370	519, 382	515, 909	50. 7	48. 2	50. 2
New Mexico	46, 871	280, 730	64, 960	295, 390	106, 816	316, 501	14. 2	18. 0	25. 2
Arizona	63, 260	141, 094	117, 527	216, 635	149, 856	235, 717	31. 0	35. 2	34. 4
Utah	172, 934	200, 417	215, 584	233, 812	266, 264	241, 583	46. 3	48. 0	52. 4
Nevada	13, 367	68, 508	15, 254	62, 153	34, 464	56, 594	16. 3	19. 7	37. 8
Pacific	2, 382, 329	1, 809, 975	3, 471, 488	2, 095, 388	5, 534, 881	2, 659, 552	56. 8	62. 4	67. 5
Washington	605, 530	536, 460	748, 735	607, 386	884, 539	678, 857	53. 0	55. 2	56. 6
Oregon	307, 060	365, 705	391, 019	392, 370	489, 746	464, 040	45. 6	49. 9	51. 3
California [1]	1, 469, 739	907, 810	2, 331, 729	1, 095, 132	4, 160, 596	1, 516, 655	61. 8	68. 0	73. 3

[1] See headnote.

Source: Bureau of the Census, Department of Commerce.

No. 10.—FARM POPULATION AND RURAL NONFARM POPULATION: By States

Division and State	Farm population				Rural-farm population		Urban-farm population		Rural nonfarm population, 1930
	Number		Per cent of total population						
	1920	1930	1920	1930	1920	1930	1920	1930	
Continental U. S.	31,614,269	30,445,350	29.9	24.8	31,358,640	30,157,513	255,629	287,837	23,662,710
New England	625,877	573,251	8.5	7.0	535,422	499,083	90,455	74,168	1,355,282
Maine	197,601	170,995	25.7	21.4	189,026	161,429	8,575	9,566	314,488
New Hampshire	76,021	62,850	17.2	13.5	64,607	54,911	11,414	7,939	137,303
Vermont	125,263	112,904	35.5	31.4	124,445	111,898	818	1,006	128,947
Massachusetts	118,554	123,255	3.1	2.9	61,732	80,309	56,822	42,946	337,879
Rhode Island	15,136	16,477	2.5	2.4	5,315	10,289	9,821	6,188	41,779
Connecticut	93,302	86,770	6.8	5.4	90,297	80,247	3,005	6,523	394,886
Middle Atlantic	1,892,789	1,707,719	8.5	6.5	1,861,161	1,673,694	31,628	34,025	4,192,349
New York	800,747	719,929	7.7	5.7	782,954	705,446	17,793	18,483	1,359,668
New Jersey	143,708	131,096	4.6	3.2	136,847	121,008	6,861	10,088	581,082
Pennsylvania	948,334	856,694	10.9	8.9	941,360	846,240	6,974	10,454	2,251,599
East North Central	4,913,638	4,488,933	22.9	17.7	4,887,204	4,453,114	26,429	35,819	4,049,183
Ohio	1,139,329	1,013,229	19.8	15.2	1,133,912	1,004,288	5,417	8,941	1,135,038
Indiana	907,295	813,007	31.0	25.1	902,820	808,981	4,475	4,026	633,030
Illinois	1,093,262	999,240	16.9	13.1	1,090,736	991,401	7,526	7,848	1,003,526
Michigan	848,710	782,394	23.1	16.2	844,499	775,436	4,211	6,958	764,814
Wisconsin	920,037	881,054	35.0	30.0	915,237	873,008	4,800	8,046	512,155
West North Central	5,171,598	5,068,135	41.2	38.1	5,153,183	5,035,561	18,413	32,574	2,705,173
Minnesota	897,181	895,349	37.6	34.9	893,460	888,049	3,721	7,300	418,288
Iowa	984,799	977,906	41.0	39.6	977,694	964,659	7,105	13,247	526,988
Missouri	1,211,346	1,114,484	35.6	30.7	1,207,899	1,108,969	3,447	5,515	661,279
North Dakota	394,500	397,294	61.0	58.4	393,622	396,871	878	423	170,668
South Dakota	362,221	390,205	56.9	56.3	361,886	389,431	335	774	172,511
Nebraska	581,172	585,701	45.1	42.5	582,738	582,981	1,434	2,720	308,875
Kansas	737,377	707,196	41.7	37.6	735,884	704,601	1,493	2,595	446,564
South Atlantic	6,416,893	5,898,178	45.9	37.3	6,397,767	5,878,958	18,941	19,220	4,216,511
Delaware	51,212	46,530	23.0	19.5	51,151	46,302	61	228	68,932
Maryland	279,225	237,456	19.3	14.6	277,656	236,172	1,569	1,284	420,485
Dist. of Columbia	894	435	.2	.1			894	435	
Virginia	1,064,417	950,757	46.1	30.3	1,059,913	948,746	4,504	2,011	687,568
West Virginia	477,924	449,114	32.7	26.0	476,631	447,750	1,293	1,364	789,951
North Carolina	1,501,227	1,599,918	58.7	50.5	1,499,946	1,597,220	1,281	2,698	763,209
South Carolina	1,074,693	916,471	63.8	52.7	1,072,479	914,098	2,214	2,373	453,587
Georgia	1,685,213	1,418,514	58.2	48.8	1,680,611	1,413,719	4,602	4,795	599,295
Florida	281,893	278,981	29.1	19.0	279,370	274,949	2,523	4,032	433,484
East South Central	5,182,937	5,095,998	58.3	51.5	5,174,806	5,084,435	8,131	10,661	2,024,092
Kentucky	1,304,862	1,176,524	54.0	45.0	1,302,342	1,174,232	2,520	2,292	641,331
Tennessee	1,271,708	1,215,452	54.4	46.5	1,269,179	1,213,065	2,529	2,387	506,953
Alabama	1,335,885	1,340,277	56.9	50.6	1,334,513	1,336,409	1,372	3,868	565,566
Mississippi	1,270,482	1,362,843	71.0	67.8	1,268,772	1,360,729	1,710	2,114	310,242
West South Central	5,228,199	5,326,412	51.0	43.7	5,210,570	5,307,939	17,629	18,473	2,441,452
Arkansas	1,147,049	1,119,464	65.5	60.4	1,144,482	1,117,330	2,567	2,134	354,274
Louisiana	786,050	830,606	43.7	39.5	784,455	826,882	1,595	3,724	441,179
Oklahoma	1,017,327	1,024,070	50.2	42.7	1,015,899	1,021,174	1,428	2,896	553,185
Texas	2,277,773	2,352,272	48.8	40.4	2,265,734	2,342,553	12,039	9,719	1,092,814
Mountain	1,168,387	1,138,718	35.0	30.8	1,152,993	1,123,693	15,374	15,025	1,120,174
Montana	226,667	204,594	41.1	38.1	225,389	203,962	278	632	152,668
Idaho	200,902	188,365	46.5	42.3	196,563	186,100	4,339	2,265	129,425
Wyoming	67,306	73,152	34.6	32.4	67,076	72,905	230	247	82,563
Colorado	266,073	282,827	28.3	27.3	265,281	281,038	792	1,789	234,871
New Mexico	161,446	158,631	44.8	37.5	160,542	157,906	904	725	158,595
Arizona	90,560	98,995	27.1	22.7	90,167	98,819	393	176	186,898
Utah	140,249	115,713	31.2	22.8	131,572	106,667	8,377	9,046	134,916
Nevada	16,164	16,441	20.9	18.1	16,103	16,296	61	145	40,298
Pacific	1,014,173	1,148,910	18.2	14.0	985,544	1,101,038	28,629	47,872	1,558,514
Washington	283,382	304,737	20.9	19.5	280,022	300,143	3,360	4,594	378,714
Oregon	214,021	223,667	27.3	23.5	212,009	221,545	2,012	2,122	242,495
California	516,770	620,506	15.1	10.9	493,513	579,350	23,257	41,156	937,305

Source: Bureau of the Census, Department of Commerce.

No. 11.—POPULATION: Annual Midyear Estimates by States

NOTE.—Estimates of population from 1925 to 1930 are based on the assumption that the increase (or decrease) each year between the censuses of 1920 and 1930 is equal to the annual average change between the two enumerations. For 1931 to 1934, the total population is estimated upon the basis of the available birth, death, immigration and emigration figures and the increase in the United States total distributed to the various States according to the per cent which each State increase was of the United States increase between 1920 and 1930. If a State showed a decrease in population between 1920 and 1930, the 1930 census figure was used and no estimate made. For actual enumerations, 1790 to 1930, see Table 6, p. 4

[All figures in thousands]

Division and State	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Continental United States	114,867	116,532	118,197	119,862	121,526	123,191	124,070	124,822	125,693	126,425
New England	7,812	7,886	7,961	8,036	8,110	8,185	8,225	8,258	8,298	8,330
Maine	784	787	790	792	795	798	800	801	802	804
New Hampshire	455	457	459	462	464	466	467	468	469	470
Vermont	356	357	358	358	359	360	360	360	361	361
Massachusetts	4,066	4,104	4,143	4,182	4,221	4,259	4,280	4,297	4,318	4,335
Rhode Island	649	657	665	673	681	690	694	698	702	705
Connecticut	1,502	1,524	1,546	1,568	1,590	1,612	1,624	1,634	1,646	1,655
Middle Atlantic	24,407	24,797	25,188	25,578	25,968	26,360	26,595	26,741	26,945	27,116
New York	11,567	11,782	11,997	12,212	12,427	12,643	12,756	12,852	12,965	13,059
New Jersey	3,631	3,717	3,804	3,890	3,977	4,063	4,109	4,148	4,193	4,231
Pennsylvania	9,209	9,298	9,387	9,476	9,565	9,654	9,700	9,741	9,787	9,826
East North Central	23,536	23,899	24,272	24,645	25,018	25,390	25,587	25,755	25,950	26,114
Ohio	6,236	6,322	6,409	6,495	6,582	6,668	6,714	6,753	6,798	6,836
Indiana	3,096	3,126	3,156	3,186	3,216	3,246	3,262	3,275	3,291	3,304
Illinois	7,100	7,212	7,323	7,435	7,547	7,659	7,718	7,768	7,826	7,876
Michigan	4,298	4,413	4,527	4,642	4,756	4,871	4,931	4,983	5,043	5,093
Wisconsin	2,797	2,827	2,857	2,887	2,917	2,946	2,962	2,976	2,992	3,005
West North Central	12,948	13,022	13,095	13,168	13,242	13,316	13,352	13,387	13,425	13,458
Minnesota	2,482	2,490	2,517	2,534	2,551	2,568	2,577	2,585	2,594	2,602
Iowa	2,440	2,446	2,453	2,460	2,466	2,473	2,476	2,479	2,482	2,485
Missouri	3,525	3,547	3,569	3,591	3,613	3,635	3,646	3,656	3,668	3,678
North Dakota	665	668	672	675	678	682	683	685	687	688
South Dakota	667	672	678	683	689	694	697	700	702	705
Nebraska	1,340	1,348	1,356	1,364	1,372	1,380	1,384	1,388	1,392	1,395
Kansas	1,829	1,840	1,851	1,862	1,873	1,884	1,889	1,894	1,900	1,905
South Atlantic	14,958	15,134	15,310	15,486	15,662	15,838	15,930	16,009	16,102	16,179
Delaware	231	233	234	236	237	239	240	240	241	242
Maryland	1,547	1,565	1,583	1,600	1,618	1,636	1,645	1,653	1,663	1,671
Dist. of Columbia	464	469	474	478	483	488	491	493	495	497
Virginia	2,370	2,381	2,392	2,403	2,414	2,425	2,430	2,435	2,441	2,446
West Virginia	1,606	1,632	1,658	1,684	1,710	1,736	1,749	1,761	1,774	1,786
North Carolina	2,887	2,947	3,006	3,066	3,126	3,185	3,217	3,244	3,275	3,301
South Carolina	1,713	1,719	1,724	1,729	1,735	1,740	1,743	1,745	1,748	1,750
Georgia	2,903	2,904	2,905	2,906	2,908	2,909	2,909	2,910	2,911	2,911
Florida	1,237	1,285	1,334	1,383	1,432	1,480	1,506	1,523	1,554	1,575
East South Central	9,427	9,524	9,621	9,718	9,814	9,911	9,963	10,006	10,056	10,100
Kentucky	2,523	2,542	2,561	2,581	2,600	2,619	2,630	2,638	2,648	2,657
Tennessee	2,487	2,515	2,542	2,569	2,596	2,623	2,638	2,650	2,664	2,676
Alabama	2,508	2,537	2,566	2,595	2,624	2,654	2,669	2,682	2,697	2,710
Mississippi	1,908	1,930	1,951	1,972	1,994	2,015	2,026	2,036	2,047	2,057
West South Central	11,280	11,469	11,658	11,847	12,035	12,224	12,324	12,409	12,507	12,590
Arkansas	1,807	1,817	1,827	1,837	1,847	1,857	1,862	1,867	1,872	1,876
Louisiana	1,961	1,991	2,020	2,050	2,079	2,109	2,125	2,138	2,153	2,166
Oklahoma	2,226	2,261	2,297	2,333	2,369	2,405	2,424	2,440	2,459	2,475
Texas	5,286	5,400	5,513	5,626	5,740	5,853	5,913	5,964	6,023	6,073
Mountain	3,332	3,568	3,804	3,039	3,675	3,709	3,730	3,748	3,766	3,782
Montana	543	542	541	540	538	[1] 538	[1] 538	[1] 538	[1] 538	[1] 538
Idaho	439	440	441	443	444	445	446	447	447	448
Wyoming	211	214	217	220	223	226	228	229	231	232
Colorado	991	1,001	1,010	1,019	1,029	1,038	1,043	1,047	1,052	1,056
New Mexico	394	400	406	413	419	425	428	431	434	437
Arizona	389	398	408	418	428	438	443	448	453	457
Utah	481	486	492	498	504	509	512	515	518	520
Nevada	85	86	87	89	90	91	92	93	93	94
Pacific	6,977	7,233	7,489	7,746	8,002	8,258	8,394	8,509	8,644	8,756
Washington	1,468	1,488	1,508	1,528	1,548	1,568	1,579	1,588	1,599	1,608
Oregon	875	891	908	925	941	958	967	974	983	990
California	4,634	4,854	5,073	5,293	5,513	5,732	5,848	5,947	6,062	6,158

[1] Population Apr. 1, 1930; population decreased 1920 to 1930; no estimate made.

Source: Bureau of the Census, Department of Commerce.

No. 12.—POPULATION: Annual Midyear Estimates for Continental United States, and Certain Outlying Territories and Possessions

Note.—Estimates, except for continental United States, 1931 to 1935, are based on the assumption that the increase each year between two successive censuses is equal to the annual average increase between the two enumerations. Estimates for continental United States, 1931 to 1935, are based on available data regarding births, deaths, immigration, and emigration

Year	Continental United States	Year	Continental United States	Year	Continental United States	Alaska	Hawaii	Puerto Rico	Philippine Islands
1850	23, 260, 638	1880	50, 262, 382	1908	89, 073, 360	64, 216	185, 031	1, 089, 709	8, 537, 764
1853	25, 736, 070	1881	51, 541, 575	1909	90, 691, 354	64, 294	188, 870	1, 105, 506	8, 706, 977
1854	26, 561, 214	1882	52, 820, 768	1910	92, 267, 080	64, 156	193, 282	1, 121, 913	8, 876, 170
1855	27, 386, 359	1883	54, 099, 961	1911	93, 682, 189	63, 196	199, 874	1, 140, 638	9, 045, 363
1856	28, 211, 504	1884	55, 379, 154	1912	95, 097, 298	62, 236	206, 466	1, 159, 364	9, 214, 556
1857	29, 036, 649	1885	56, 658, 347	1913	90, 512, 407	61, 276	213, 058	1, 178, 090	9, 383, 749
1858	29, 861, 794	1886	57, 937, 540	1914	97, 927, 516	60, 316	219, 650	1, 196, 816	9, 552, 942
1859	30, 686, 939	1887	59, 216, 733	1915	99, 342, 625	59, 356	226, 243	1, 215, 542	9, 722, 135
1860	31, 502, 613	1888	60, 495, 927	1916	100, 757, 735	58, 396	232, 836	1, 234, 268	9, 891, 328
1861	32, 214, 118	1889	61, 775, 121	1917	102, 172, 845	57, 436	239, 429	1, 252, 994	10, 060, 521
1862	32, 925, 623	1890	63, 056, 438	1918	103, 587, 955	56, 476	246, 022	1, 271, 720	10, 229, 714
1863	33, 637, 128	1891	64, 361, 124	1919	105, 003, 065	55, 516	252, 615	1, 290, 446	10, 398, 503
1864	34, 348, 633	1892	65, 665, 810	1920	106, 543, 031	55, 243	261, 398	1, 311, 717	10, 566, 889
1865	35, 060, 138	1893	66, 970, 496	1921	108, 207, 853	55, 656	272, 364	1, 335, 532	10, 735, 275
1866	35, 771, 643	1894	68, 275, 182	1922	109, 872, 675	56, 070	283, 332	1, 359, 347	10, 903, 661
1867	36, 483, 148	1895	69, 579, 868	1923	111, 537, 497	56, 484	294, 300	1, 383, 162	11, 072, 047
1868	37, 194, 653	1896	70, 884, 554	1924	113, 202, 319	56, 898	305, 268	1, 406, 977	11, 240, 433
1869	37, 906, 158	1897	72, 189, 240	1925	114, 867, 141	57, 312	316, 236	1, 430, 792	11, 408, 819
1870	38, 655, 016	1898	73, 493, 926	1926	116, 531, 963	57, 726	327, 204	1, 454, 607	11, 577, 205
1871	39, 814, 757	1899	74, 798, 612	1927	118, 196, 785	58, 140	338, 172	1, 478, 422	11, 745, 591
1872	40, 974, 498	1900	76, 129, 408	1928	119, 861, 607	58, 554	349, 140	1, 502, 237	11, 913, 978
1873	42, 134, 239	1901	77, 747, 402	1929	121, 526, 429	58, 968	360, 109	1, 526, 052	12, 082, 366
1874	43, 293, 980	1902	79, 365, 396	1930	123, 191, 000	59, 400	371, 078	1, 549, 868	12, 250, 752
1875	44, 453, 721	1903	80, 983, 390	1931	124, 070, 000	59, 800	382, 000	1, 573, 700	12, 419, 100
1876	45, 613, 462	1904	82, 601, 384	1932	124, 822, 000	60, 200	393, 000	1, 597, 500	12, 580, 400
1877	46, 773, 203	1905	84, 219, 378	1933	125, 693, 000	60, 600	404, 000	1, 621, 300	12, 758, 400
1878	47, 932, 945	1906	85, 837, 372	1934	126, 425, 000	61, 000	415, 000	1, 645, 100	12, 927, 400
1879	49, 092, 687	1907	87, 455, 366	1935	127, 172, 000	61, 500	425, 900	1, 668, 900	13, 096, 400

No. 13.—SEX DISTRIBUTION, BY CLASSES: Continental United States

Note.—Figures for "All other" in 1930 include Mexicans; prior to 1930 Mexicans were classified for the most part as white. See footnote 2, Table 14

Class	1910		1920		1930		Males per 100 females		
	Male	Female	Male	Female	Male	Female	1910	1920	1930
All classes	47, 332, 277	44, 639, 989	53, 900, 431	51, 310, 189	62, 137, 080	60, 637, 966	106. 0	104. 0	102. 5
White	42, 178, 245	39, 553, 712	48, 430, 655	46, 390, 260	55, 163, 854	53, 700, 353	106. 6	104. 4	102. 7
Negro	4, 885, 881	4, 941, 882	5, 209, 436	5, 253, 695	6, 855, 669	6, 035, 474	98. 9	99. 2	97. 0
Indian	135, 133	130, 550	125, 068	119, 369	170, 350	162, 047	103. 5	104. 8	105. 1
Chinese	66, 556	4, 675	53, 891	7, 748	59, 802	15, 152	1,430. 1	695. 5	394. 7
Japanese	63, 070	9, 087	72, 707	38, 303	81, 771	57, 063	694. 1	189. 8	143. 3
All other	3, 092	83	8, 674	814	805, 634	667, 877	(1)	1,065. 6	120. 6
White population:									
Native, total	34, 654, 457	33, 731, 955	40, 902, 333	40, 205, 828	48, 010, 145	47, 487, 655	102. 7	101. 7	101. 1
Native parentage	25, 229, 218	24, 259, 357	29, 636, 781	28, 785, 176	35, 460, 001	34, 676, 613	104. 0	103. 0	102. 3
Foreign or mixed parentage	9, 425, 239	9, 472, 598	11, 265, 552	11, 420, 652	12, 550, 144	12, 811, 042	99. 5	98. 6	98. 0
Foreign	6, 456, 793	6, 459, 518	7, 810, 531	7, 884, 008	8, 438, 676	8, 560, 545	100. 0	99. 1	98. 6
Mixed	2, 968, 446	3, 013, 080	3, 455, 021	3, 536, 644	4, 111, 468	4, 250, 497	98. 5	97. 7	96. 7
Foreign born	7, 523, 788	5, 821, 757	7, 528, 322	6, 184, 432	7, 163, 709	6, 212, 698	129. 2	121. 7	115. 1

	1860	1870	1890	1890	1900
Total population:					
Male	16, 085, 204	19, 493, 565	25, 518, 820	32, 237, 101	38, 816, 448
Female	15, 358, 117	19, 004, 806	2, 636, 963	30, 710, 613	37, 178, 127
Males per 100 females	104. 7	102. 2	103. 6	105. 0	104. 4

[1] Ratio not shown, number of females being less than 100.

Source of Tables 12 and 13: Bureau of the Census, Department of Commerce.

No. 14.—RACE, NATIVITY, AND PARENTAGE: CONTINENTAL UNITED STATES

Class	1870 [1]	1880	1890	1900	1910	1920	1930
All classes	38,558,371	50,155,783	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046
White [2]	33,589,377	43,402,970	55,101,258	66,809,196	81,731,957	94,820,915	108,864,207
Negro	4,880,009	6,580,793	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143
Mexican [2]							1,422,533
Indian	[3] 25,731	[3] 66,407	248,253	237,196	265,683	244,437	332,397
Chinese	63,199	105,465	107,488	89,863	71,531	61,639	74,954
Japanese	55	148	2,039	24,326	72,157	111,010	138,834
All other [4]					3,175	9,488	50,978
Native (all races)	32,991,142	43,475,840	53,698,154	65,653,299	78,456,380	91,789,928	108,570,897
Foreign born	5,567,229	6,679,943	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149
Native white, total [2]	28,095,665	36,843,291	45,970,391	56,595,379	68,386,412	81,108,161	95,497,800
Native parentage	22,771,397	28,568,424	34,475,716	40,949,362	49,488,575	58,421,957	70,136,614
Foreign or mixed parentage	5,324,268	8,274,867	11,503,675	15,646,017	18,897,837	22,686,204	25,361,186
Foreign	4,167,098	6,363,769	8,085,019	10,632,280	12,916,311	15,694,539	16,999,221
Mixed	1,157,170	1,911,098	3,418,656	5,013,737	5,981,526	6,991,665	8,361,965
Foreign born, white	5,493,712	6,559,679	9,121,867	10,213,817	13,345,545	13,712,754	13,366,407
Per cent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White [2]	87.1	86.5	87.5	87.9	88.9	89.7	88.7
Negro	12.7	13.1	11.9	11.6	10.7	9.9	9.7
Mexican [2]							1.2
Indian	.1	.1	.4	.3	.3	.2	.3
Chinese	.2	.2	.2	.1	.1	.1	.1
Japanese	(5)	(5)	(5)	(5)	.1	.1	.1
All other [4]					(5)	(5)	(5)
Native (all races)	85.6	86.7	85.3	86.4	85.3	86.8	88.4
Foreign born	14.4	13.3	14.7	13.6	14.7	13.2	11.6
Native white, total	72.9	73.5	73.0	74.5	74.4	76.7	77.8
Native parentage	59.1	57.0	54.8	53.9	53.8	55.3	57.1
Foreign or mixed parentage	13.8	16.5	18.3	20.6	20.5	21.5	20.7
Foreign	10.8	12.7	12.8	14.0	14.0	14.8	13.8
Mixed	3.0	3.8	5.4	6.6	6.5	6.6	6.8
Foreign born, white	14.2	13.1	14.5	13.4	14.5	13.0	10.9
Increase over preceding census: [6]							
All classes	7,115,050	11,597,412	[7] 12,486,487	13,046,861	15,977,691	13,738,354	17,064,426
Per cent	22.6	30.1	24.9	20.7	21.0	14.9	16.1
White [2]	6,666,840	9,813,593	11,580,020	11,707,938	14,922,761	13,088,958	[8] 14,743,833
Per cent	24.8	29.2	26.7	21.2	22.3	16.0	[8] 15.7
Negro	438,179	1,700,784	889,247	1,345,318	993,769	635,368	1,428,012
Per cent	9.9	34.9	13.5	18.0	11.2	6.5	13.6
Mexican							[9] 721,992
Per cent							[9] 103.1
Indian	−18,290	40,676	−7,601	−11,057	28,487	−21,246	87,960
Per cent	−41.5	158.1	−11.4	−4.5	12.0	−8.0	36.0
Chinese	28,266	42,266	2,010	−17,625	−18,332	−9,892	13,315
Per cent	80.9	66.9	1.9	−16.4	−20.4	−13.8	21.6
Japanese	55	93	1,891	22,287	47,831	38,853	27,824
Per cent		[10]	1,277.7	1,093.0	196.6	53.8	25.1
All other [4]					3,175	6,313	41,490
Per cent						198.8	437.3
Native (all races)	5,686,518	10,484,698	9,896,863	11,955,145	12,803,081	13,333,548	16,780,969
Per cent	20.8	31.8	22.8	22.3	19.5	17.0	18.3
Foreign born	1,428,532	1,112,714	2,569,604	1,091,716	3,174,610	404,806	283,457
Per cent	34.5	20.0	38.5	11.8	30.7	3.0	2.0
Native white, total	5,209,881	8,747,626	9,018,732	10,615,988	11,791,033	12,721,749	[8] 14,632,820
Per cent	23.1	31.1	24.5	23.1	20.8	18.6	[8] 18.1
Native parentage		5,797,027	5,789,924	6,473,646	8,539,213	8,933,382	11,714,657
Per cent		25.5	20.3	18.8	20.9	18.1	20.1
Foreign or mixed parentage		2,950,599	3,228,808	4,142,342	3,251,820	3,788,367	[8] 2,918,163
Per cent		*55.4*	*39.0*	*36.0*	*20.8*	*20.0*	[8] *13.0*
Foreign		2,196,671	1,721,250	2,547,261	2,284,031	2,778,228	[8] 1,477,386
Per cent		52.7	27.0	31.5	21.5	21.5	[8] 9.5
Mixed		753,928	1,507,558	1,595,081	967,789	1,010,139	[8] 1,440,777
Per cent		65.2	78.9	46.7	19.3	16.9	[8] 20.8
Foreign born, white	1,396,950	1,065,967	2,562,188	1,091,950	3,131,728	367,209	[8] 111,013
Per cent	34.1	19.4	39.1	12.0	30.7	2.8	[8] 0.8

[1] Enumeration in Southern States incomplete; this affects especially figures for the negro population.
[2] White population includes Mexicans prior to 1930. The estimated number of Mexicans included in the white classification in 1920 was as follows: Total, 700,541; native white, 243,181 (172,704 of foreign parentage and 70,477 of mixed parentage); foreign-born white, 457,360. For close comparison with 1930, adjusted figures for 1920 may be obtained by deducting these from the white population as reported in 1920.
[3] Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated prior to 1890.
[4] Comprises Filipinos, Hindus, Koreans, Hawaiians, Malays, Siamese, Samoans, and Maoris.
[5] Less than one-tenth of 1 per cent. [6] A minus sign (−) denotes decrease.
[7] Exclusive of 325,464 persons (117,368 whites, 18,636 Negroes, 189,447 Indians, and 13 Chinese), specially enumerated in 1890 in Indian Territory and on Indian reservations.
[8] Increase over figures adjusted for 1920 on account of Mexicans. See footnote 2.
[9] Increase over estimated number in 1920. [10] Per cent not shown where base is less than 100.

Source: Bureau of the Census, Department of Commerce.

No. 15.—SEX DISTRIBUTION BY RACE

Division and State	Total population					1930			
	1920		1930			Native white			Foreign-born white
	Male	Female	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male
Continental United States.	53,900,431	51,810,189	62,137,089	60,637,986	102.5	48,010,145	47,487,655	101.1	7,153,709
New England	3,672,591	3,728,318	4,024,657	4,141,684	97.2	3,087,723	3,163,080	97.0	904,742
Maine	388,752	379,262	401,285	396,138	101.3	349,764	345,051	101.4	50,299
New Hampshire	222,112	220,971	231,759	233,534	99.2	189,967	191,723	99.1	41,160
Vermont	178,854	173,574	183,266	176,345	103.9	160,080	155,824	102.7	22,824
Massachusetts	1,890,014	1,962,342	2,071,672	2,177,942	95.1	1,582,751	1,605,530	95.5	609,462
Rhode Island	297,524	306,873	335,372	352,125	95.2	246,999	259,313	95.2	83,151
Connecticut	695,335	685,296	801,303	805,600	99.5	588,172	605,630	97.1	197,846
Middle Atlantic	11,206,445	11,054,699	13,183,681	13,072,069	100.9	9,879,094	10,023,988	98.6	2,761,740
New York	5,187,350	5,107,877	6,312,520	6,275,546	100.6	4,441,330	4,517,414	98.3	1,653,170
New Jersey	1,590,075	1,565,825	2,030,644	2,010,690	101.0	1,481,862	1,502,905	98.6	443,132
Pennsylvania	4,429,020	4,380,997	4,845,517	4,785,833	101.2	3,955,902	4,003,649	98.8	665,438
East North Central	11,035,041	10,440,502	12,904,783	12,382,402	104.1	10,605,117	10,448,622	101.5	1,766,458
Ohio	2,055,980	2,803,414	3,361,141	3,285,556	102.3	2,845,524	2,841,461	100.1	351,985
Indiana	1,489,074	1,441,316	1,640,061	1,598,442	102.6	1,498,772	1,482,230	101.1	76,957
Illinois	3,304,833	3,180,447	3,873,457	3,757,197	103.1	3,027,347	3,020,856	100.2	657,937
Michigan	1,928,436	1,739,976	2,519,309	2,323,016	108.4	1,951,137	1,858,766	105.0	464,902
Wisconsin	1,356,718	1,275,349	1,510,815	1,428,191	105.8	1,282,337	1,245,309	103.0	214,677
West North Central	6,459,067	6,085,182	6,785,442	6,511,473	104.2	5,976,171	5,838,039	102.4	591,094
Minnesota	1,245,537	1,141,588	1,316,571	1,247,382	105.5	1,085,126	1,065,553	101.8	217,983
Iowa	1,229,392	1,174,629	1,255,101	1,215,838	103.2	1,151,068	1,131,579	101.7	92,129
Missouri	1,723,319	1,680,736	1,822,866	1,806,501	100.9	1,625,545	1,623,952	100.1	81,299
North Dakota	341,673	305,199	359,615	321,230	111.9	294,141	271,954	108.2	60,378
South Dakota	337,120	299,427	363,650	329,199	110.5	313,906	289,899	108.3	37,665
Nebraska	672,805	623,567	706,348	671,615	105.2	630,013	608,343	103.6	63,386
Kansas	909,221	860,036	961,291	919,708	104.5	876,372	846,759	103.5	38,254
South Atlantic	7,035,843	6,954,429	7,880,634	7,912,955	99.6	5,541,147	5,503,859	100.7	170,300
Delaware	113,755	109,248	121,257	117,123	103.5	94,919	93,890	101.1	9,281
Maryland	729,455	720,206	821,009	810,517	101.3	629,427	629,650	100.0	50,266
District of Columbia	208,543	234,028	221,893	254,986	90.9	153,330	170,652	89.8	15,652
Virginia	1,168,492	1,140,695	1,216,046	1,205,805	100.8	879,949	866,636	101.5	13,701
West Virginia	763,100	700,601	889,871	830,334	106.0	795,879	766,535	103.8	32,864
North Carolina	1,279,062	1,280,061	1,575,208	1,595,068	98.8	1,115,181	1,110,979	100.4	5,089
South Carolina	838,293	845,431	853,158	885,607	96.3	470,192	468,582	100.3	3,120
Georgia	1,444,823	1,451,009	1,434,527	1,473,979	97.3	912,606	910,451	100.2	8,175
Florida	495,320	473,150	737,675	730,536	101.0	489,664	486,484	100.7	32,152
East South Central	4,471,690	4,421,617	4,947,502	4,939,712	100.2	3,610,047	3,556,902	101.5	33,359
Kentucky	1,227,494	1,189,136	1,322,703	1,291,796	102.4	1,196,873	1,169,651	102.3	12,292
Tennessee	1,173,967	1,163,918	1,304,559	1,311,997	99.4	1,064,404	1,061,149	100.3	7,394
Alabama	1,173,105	1,175,069	1,315,009	1,331,239	98.8	848,196	836,869	101.4	9,326
Mississippi	897,124	893,494	1,005,141	1,004,680	100.0	500,574	489,233	102.3	4,347
West South Central	5,265,829	4,976,395	6,186,924	5,989,906	103.3	4,555,245	4,374,504	104.1	97,320
Arkansas	895,228	856,976	939,843	914,639	102.8	696,255	668,478	104.2	6,006
Louisiana	903,335	895,174	1,047,823	1,053,770	99.4	644,305	638,945	100.8	20,376
Oklahoma	1,058,044	970,239	1,233,264	1,162,776	106.1	1,079,456	1,017,215	106.1	15,544
Texas	2,409,222	2,254,006	2,965,994	2,858,721	103.8	2,135,229	2,049,866	104.2	55,394
Mountain	1,789,299	1,546,802	1,949,798	1,751,991	111.3	1,566,710	1,448,962	108.1	169,997
Montana	209,941	248,948	293,228	244,378	120.0	236,894	207,472	114.2	44,899
Idaho	233,919	197,947	237,847	207,685	114.3	214,007	193,101	110.8	18,947
Wyoming	110,359	84,043	124,785	100,780	123.8	105,264	89,145	118.1	12,439
Colorado	492,731	446,898	530,752	505,039	105.1	443,117	432,594	102.4	48,004
New Mexico	190,456	169,894	219,222	204,095	107.4	166,993	156,965	106.4	4,755
Arizona	183,602	150,560	231,304	204,269	113.2	132,145	116,642	113.3	9,392
Utah	232,051	217,345	259,999	247,848	104.9	229,578	222,605	103.1	22,978
Nevada	46,240	31,167	53,161	37,897	140.3	38,712	30,438	127.2	8,583
Pacific	2,964,626	2,602,245	4,268,659	3,925,774	108.7	3,208,891	3,126,719	102.5	658,699
Washington	734,701	621,920	826,392	737,904	112.1	658,330	618,513	106.4	142,594
Oregon	416,334	367,055	499,672	454,114	110.0	427,154	404,460	105.6	62,078
California	1,813,591	1,613,270	2,942,595	2,734,656	107.6	2,123,407	2,106,806	100.8	454,027

Source: Bureau of the Census, Department of Commerce.

AND NATIVITY, BY STATES

1930—Continued

Foreign-born white—Contd.		Negro			Mexican		Indian		Chinese		Japanese		Division and State
Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Male	Female	Male	Female	Male	Female	
6,212,698	115.1	5,855,669	6,035,474	97.0	758,674	663,859	170,350	162,047	59,802	15,152	81,771	57,063	U. S.
929,568	97.3	46,963	47,123	99.7	69	38	1,273	1,193	3,233	561	277	75	N. E.
50,069	100.5	597	499	119.6	-------	2	518	494	93	22	2	1	Me.
41,500	99.2	524	266	197.0	-------	1	33	31	71	13	-------	-------	N. H.
20,237	112.8	310	258	120.2	-------	1	20	16	29	5	1	-------	Vt.
545,174	93.4	26,097	26,268	99.3	43	23	468	416	2,530	443	151	50	Mass.
87,563	95.0	4,862	5,051	96.3	6	4	154	164	170	27	15	2	R. I.
185,025	106.9	14,573	14,781	98.6	20	7	90	72	340	51	108	22	Conn.
2,507,302	110.1	520,826	532,073	97.9	4,550	2,207	4,012	3,697	12,503	1,502	2,740	922	M. A.
1,538,379	107.5	199,485	213,329	93.5	1,879	1,019	3,584	3,389	8,649	1,016	2,201	729	N. Y.
401,310	110.4	102,929	105,899	97.2	295	159	123	90	1,608	175	322	117	N. J.
567,613	117.2	218,412	212,845	102.6	2,376	1,029	305	218	2,246	311	217	76	Pa.
1,457,466	121.2	475,368	455,082	104.5	37,907	20,410	10,446	9,371	5,421	919	755	267	E. N. C.
292,166	120.5	150,128	150,176	106.0	2,806	1,231	252	183	1,168	257	131	56	Ohio.
58,177	132.3	57,068	54,914	103.9	6,708	2,934	158	127	247	32	53	18	Ind.
560,221	117.4	164,425	164,547	99.9	18,216	10,690	250	219	2,796	396	414	150	Ill.
375,366	123.9	88,936	80,517	110.5	8,529	4,807	3,835	3,245	902	179	138	38	Mich.
171,536	125.1	5,811	4,928	117.9	1,648	748	5,951	5,597	308	55	19	5	Wis.
488,183	126.3	167,550	164,234	102.0	22,925	16,880	24,848	23,397	1,431	307	662	341	W. N. C.
170,311	128.0	5,005	4,440	112.7	2,069	1,557	5,691	5,386	422	102	51	18	Minn.
73,606	125.2	8,987	8,393	107.1	2,380	1,915	349	311	126	27	16	3	Iowa.
68,091	119.4	111,929	111,911	100.0	2,834	2,155	336	242	521	113	80	14	Mo.
44,770	134.9	243	134	181.3	376	232	4,203	4,004	93	10	60	31	N. Dak.
27,983	134.6	343	303	113.2	481	335	11,172	10,661	64	6	11	8	S. Dak.
51,960	122.0	7,063	6,689	105.6	3,585	2,736	1,674	1,582	152	42	414	260	Nebr.
31,462	121.6	33,980	32,364	105.0	11,200	7,950	1,333	1,121	53	7	30	7	Kans.
133,978	127.1	2,156,531	2,264,857	95.2	425	266	9,657	9,403	1,477	392	278	115	S. A.
7,604	122.1	16,983	15,619	108.7	24	-------	3	2	32	6	8	-------	Del.
44,827	112.1	140,506	135,873	103.4	32	18	34	16	389	103	27	11	Md.
14,280	109.6	62,225	69,843	89.1	41	26	17	23	305	93	50	28	D. C.
10,119	135.4	321,545	328,620	97.8	20	16	436	343	239	54	37	6	Va.
18,656	176.2	60,873	54,020	112.7	155	102	15	3	74	12	6	3	W. Va.
3,699	137.6	446,500	472,147	94.6	8	2	8,353	8,226	59	9	11	6	N. C.
2,146	145.4	379,300	414,381	91.5	4	5	474	485	38	3	11	4	S. C.
5,742	142.4	513,451	557,674	92.1	38	9	26	17	181	72	23	9	Ga.
26,905	119.5	215,148	216,680	99.3	97	88	299	288	160	40	105	48	Fla.
24,306	137.2	1,301,552	1,356,686	95.9	790	613	1,072	1,034	589	154	32	14	E. S. C.
9,548	128.7	113,501	112,539	100.9	53	35	16	6	47	13	7	2	Ky.
5,672	130.4	232,569	245,077	94.9	16	9	85	76	60	10	8	3	Tenn.
6,384	146.1	457,144	487,690	93.7	27	42	228	237	44	8	16	9	Ala.
2,702	160.9	498,338	511,380	97.4	694	527	743	715	438	123	1	-------	Miss.
72,912	133.5	1,125,508	1,156,443	97.3	358,151	337,845	48,270	47,400	1,237	345	432	255	W. S. C.
4,167	144.1	236,909	241,554	98.1	248	161	210	198	186	65	9	3	Ark.
14,534	140.2	379,173	397,153	95.5	2,392	2,160	800	736	327	95	33	19	La.
11,209	138.7	86,818	85,380	101.7	4,434	2,920	46,744	45,081	178	28	67	37	Okla.
43,002	128.8	422,608	432,356	97.7	351,077	332,604	516	485	546	157	323	196	Tex.
117,917	144.2	16,312	13,913	117.2	132,905	116,409	52,534	49,549	2,675	577	7,036	4,382	Mt.
28,062	160.0	710	546	130.0	1,766	805	7,664	7,134	427	59	510	243	Mont.
11,507	164.7	395	273	144.7	907	371	1,833	1,805	295	40	847	574	Idaho.
7,219	172.3	699	551	126.9	4,582	2,592	982	863	113	17	645	381	Wyo.
37,402	128.3	5,739	6,089	94.3	30,824	26,852	748	647	195	38	1,847	1,366	Colo.
3,042	156.3	1,531	1,319	116.1	30,775	28,565	14,864	14,077	108	25	157	92	N. Mex.
6,199	151.5	6,352	4,397	144.5	59,102	55,071	22,471	21,255	845	265	532	347	Ariz.
20,794	110.8	609	499	122.0	2,728	1,284	1,516	1,353	282	60	2,056	1,213	Utah.
3,692	232.5	277	239	115.9	2,221	869	2,456	2,415	410	73	442	166	Nev.
501,066	131.5	45,059	45,063	100.0	200,952	169,191	18,238	17,003	31,236	10,396	69,559	50,692	Pac.
101,662	140.3	3,797	3,043	124.8	477	85	5,778	5,475	1,723	472	10,200	7,637	Wash.
43,397	143.0	1,210	1,024	118.2	1,247	321	2,442	2,334	1,525	550	2,919	2,039	Oreg.
356,007	127.5	40,052	40,996	97.7	199,228	168,785	10,018	9,194	27,988	9,373	56,440	41,016	Calif.

No. 16.—POPULATION:

NOTE.—Figures for "All other" include Mexicans in 1930; prior to 1930, Mexicans were classified for the white popula

Division and State	1880			1890[1]			1900	
	White	Negro	All other [2]	White	Negro	All other	White	Negro
Continental United States.	**43, 402, 970**	**6, 580, 793**	**172, 020**	**55, 101, 258**	**7, 488, 676**	**357, 780**	**66, 809, 196**	**8, 833, 994**
New England	3, 968, 789	39, 925	1, 815	4, 663, 191	44, 580	2, 978	5, 527, 026	59, 099
Maine	646, 852	1, 451	633	659, 263	1, 190	633	692, 226	1, 319
New Hampshire	346, 229	685	77	375, 840	514	76	410, 791	662
Vermont	331, 218	1, 057	11	331, 418	937	67	342, 771	826
Massachusetts	1, 763, 782	18, 697	606	2, 215, 373	22, 144	1, 430	2, 769, 764	31, 974
Rhode Island	269, 939	6, 488	104	337, 859	7, 393	254	419, 050	9, 092
Connecticut	610, 769	11, 547	384	733, 438	12, 302	518	892, 424	15, 226
Middle Atlantic	10, 305, 055	189, 492	2, 331	12, 466, 794	225, 326	12, 100	15, 110, 862	325, 921
New York	5, 016, 022	65, 104	1, 745	5, 923, 955	70, 092	9, 127	7, 156, 881	99, 232
New Jersey	1, 092, 017	38, 853	246	1, 396, 581	47, 638	714	1, 812, 317	69, 844
Pennsylvania	4, 197, 016	85, 535	340	5, 148, 258	107, 596	2, 259	6, 141, 664	156, 845
East North Central	11, 012, 047	183, 298	11, 323	13, 253, 725	207, 023	17, 557	15, 710, 053	257, 842
Ohio	3, 117, 920	79, 900	242	3, 584, 805	87, 113	411	4, 060, 204	96, 901
Indiana	1, 938, 798	39, 228	275	2, 146, 736	45, 215	453	2, 458, 502	57, 505
Illinois	3, 031, 151	46, 308	352	3, 768, 472	57, 028	852	4, 734, 873	85, 078
Michigan	1, 614, 560	15, 100	7, 277	2, 072, 384	15, 223	5, 783	2, 398, 563	15, 816
Wisconsin	1, 309, 618	2, 702	3, 177	1, 680, 328	2, 444	10, 058	2, 057, 911	2, 542
West North Central	5, 949, 376	202, 323	5, 744	8, 660, 088	224, 089	47, 935	10, 065, 817	237, 909
Minnesota	776, 884	1, 564	2, 325	1, 296, 408	3, 683	10, 192	1, 737, 036	4, 059
Iowa	1, 614, 600	9, 516	499	1, 901, 090	10, 685	522	2, 218, 667	12, 693
Missouri	2, 022, 826	145, 350	204	2, 528, 458	150, 184	543	2, 944, 843	161, 234
North Dakota	36, 192	113	604	182, 407	373	8, 203	311, 712	286
South Dakota	96, 955	288	1, 025	328, 010	541	20, 049	380, 714	465
Nebraska	449, 764	2, 385	253	1, 047, 096	8, 913	6, 547	1, 056, 526	6, 269
Kansas	952, 155	43, 107	834	1, 376, 619	49, 710	1, 779	1, 416, 319	52, 003
South Atlantic	4, 654, 112	2, 941, 202	1, 883	5, 592, 149	3, 262, 600	3, 083	6, 706, 058	3, 729, 017
Delaware	120, 160	26, 442	6	140, 066	28, 386	41	153, 977	30, 697
Maryland	724, 693	210, 230	20	826, 493	215, 657	240	952, 424	235, 064
District of Columbia	118, 006	59, 596	22	154, 695	75, 572	125	191, 532	86, 702
Virginia	880, 858	631, 616	91	1, 020, 122	635, 438	420	1, 192, 855	660, 722
West Virginia	592, 537	25, 886	34	730, 077	32, 690	27	915, 233	43, 499
North Carolina	867, 242	531, 277	1, 231	1, 055, 382	561, 018	1, 549	1, 263, 603	624, 469
South Carolina	391, 105	604, 332	140	462, 008	688, 934	207	557, 807	782, 321
Georgia	816, 906	725, 133	141	978, 357	858, 815	181	1, 181, 294	1, 034, 813
Florida	142, 605	126, 690	198	224, 949	166, 180	203	297, 333	230, 730
East South Central	8, 657, 593	1, 924, 998	2, 562	4, 305, 668	2, 118, 797	3, 689	5, 044, 847	2, 499, 386
Kentucky	1, 377, 179	271, 451	60	1, 590, 462	268, 071	102	1, 862, 309	284, 706
Tennessee	1, 138, 331	403, 151	377	1, 336, 637	430, 678	203	1, 540, 186	430, 243
Alabama	662, 185	600, 103	217	833, 718	678, 489	1, 194	1, 001, 152	827, 307
Mississippi	479, 398	650, 291	1, 908	544, 851	742, 559	2, 190	641, 200	907, 630
West South Central	2, 243, 722	1, 087, 705	2, 793	3, 295, 638	1, 378, 090	97, 257	4, 771, 065	1, 694, 066
Arkansas	591, 531	210, 666	328	818, 752	309, 117	342	944, 580	366, 856
Louisiana	454, 954	483, 655	1, 337	558, 395	559, 193	1, 000	729, 612	650, 804
Oklahoma [3]				172, 554	21, 609	64, 494	670, 204	55, 684
Texas	1, 197, 237	393, 384	1, 128	1, 745, 935	488, 171	1, 421	2, 426, 669	620, 722
Mountain	614, 821	5, 022	33, 276	1, 117, 383	12, 971	33, 601	1, 579, 855	15, 580
Montana	35, 385	346	3, 428	127, 690	1, 490	13, 744	226, 283	1, 523
Idaho	29, 013	53	3, 544	82, 117	201	6, 230	154, 495	293
Wyoming	19, 437	298	1, 054	59, 324	922	2, 309	89, 051	940
Colorado	191, 126	2, 435	766	404, 534	6, 215	2, 500	529, 046	8, 570
New Mexico	108, 721	1, 015	9, 829	142, 918	1, 956	15, 408	180, 207	1, 610
Arizona	35, 160	155	5, 125	55, 734	1, 357	31, 152	92, 903	1, 848
Utah	142, 423	232	1, 308	205, 925	588	4, 266	272, 465	672
Nevada	53, 556	488	8, 222	39, 121	242	7, 902	35, 405	134
Pacific	997, 455	6, 830	110, 293	1, 754, 344	14, 110	119, 580	2, 293, 613	14, 664
Washington	67, 199	325	7, 592	340, 829	1, 602	14, 801	496, 304	2, 514
Oregon	163, 075	487	11, 206	301, 982	1, 186	14, 536	394, 582	1, 105
California	767, 181	6, 018	91, 495	1, 111, 833	11, 322	90, 243	1, 402, 727	11, 045

[1] Includes population specially enumerated in Indian Territory and on Indian reservations.
[2] Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated at censuses prior to 1890.

Source: Bureau of the Census, Department of Commerce.

RACE, BY STATES

most part as white. See footnote 2, Table 14, for the estimated number of Mexicans included in the tion of 1920

1900 — Contd.	1910			1920			1930			Division and State
All other	White	Negro	All other	White	Negro	All other	White	Negro	All other	
351, 385	81, 731, 957	9, 827, 763	412, 546	94, 820, 915	10, 463, 131	426, 574	108, 864, 207	11, 891, 143	2, 019, 696	U. S.
5, 892	6, 480, 514	66, 306	5, 861	7, 316, 079	79, 051	5, 779	8, 066, 113	94, 086	7, 142	N. E.
921	739, 995	1, 363	1, 013	765, 695	1, 310	1, 009	795, 183	1, 096	1, 144	Me.
135	429, 906	564	102	442, 331	621	131	464, 350	790	153	N. H.
44	354, 298	1, 621	37	351, 317	572	39	358, 965	568	78	Vt.
3, 608	3, 324, 926	38, 055	3, 435	3, 803, 524	45, 466	3, 366	4, 192, 926	52, 365	4, 323	Mass.
414	532, 492	9, 529	589	593, 980	10, 036	381	677, 016	9, 013	508	R. I.
770	1, 098, 897	15, 174	685	1, 358, 732	21, 046	853	1, 576, 673	20, 354	876	Conn.
17, 895	18, 880, 452	417, 870	17, 570	21, 641, 840	660, 183	19, 121	25, 172, 104	1, 052, 899	35, 747	M. A.
12, 781	8, 966, 845	134, 191	12, 578	10, 172, 027	108, 483	14, 717	12, 150, 293	412, 814	24, 959	N. Y.
1, 508	2, 445, 894	89, 760	1, 513	3, 037, 087	117, 132	1, 681	3, 829, 209	208, 828	3, 297	N. J.
3, 606	7, 467, 713	193, 919	3, 479	8, 432, 726	284, 568	2, 723	9, 192, 602	431, 257	7, 491	Pa.
17, 686	17, 927, 622	309, 836	22, 163	20, 938, 862	514, 554	22, 127	24, 277, 663	930, 450	89, 072	E. N. C.
440	4, 654, 897	111, 452	772	5, 571, 893	186, 187	1, 314	6, 331, 136	309, 304	6, 257	Ohio.
455	2, 639, 961	60, 320	595	2, 849, 071	80, 810	509	3, 116, 136	111, 982	10, 385	Ind.
1, 599	5, 526, 902	109, 049	2, 580	6, 299, 333	182, 274	3, 673	7, 266, 361	328, 972	35, 321	Ill.
6, 603	2, 785, 247	17, 115	7, 811	3, 601, 627	60, 082	6, 703	4, 650, 171	169, 453	22, 701	Mich.
8, 589	2, 320, 555	2, 900	10, 405	2, 616, 938	5, 201	9, 928	2, 913, 859	10, 739	14, 408	Wis.
43, 697	11, 351, 621	242, 662	43, 638	12, 225, 337	278, 521	40, 341	12, 873, 487	331, 784	91, 644	W. N. C
9, 390	2, 059, 227	7, 084	9, 397	2, 368, 936	8, 809	9, 380	2, 538, 973	9, 445	15, 535	Minn.
493	2, 209, 191	14, 973	607	2, 384, 181	19, 005	835	2, 448, 382	17, 380	5, 177	Iowa.
588	3, 134, 932	157, 452	951	3, 225, 044	178, 241	770	3, 398, 887	223, 840	6, 640	Mo.
7, 143	509, 855	617	6, 584	636, 954	467	6, 451	671, 243	377	9, 225	N.Dak.
20, 391	563, 771	817	19, 300	619, 147	832	16, 568	669, 453	646	22, 750	S. Dak.
3, 505	1, 180, 293	7, 689	4, 232	1, 279, 219	13, 242	3, 911	1, 353, 702	13, 752	10, 509	Nebr.
2, 173	1, 634, 352	54, 030	2, 567	1, 768, 906	57, 925	2, 426	1, 792, 847	66, 344	21, 808	Kans.
8, 405	8, 071, 303	4, 112, 488	10, 804	9, 648, 940	4, 325, 120	16, 212	11, 349, 284	4, 421, 388	22, 917	S. A.
61	171, 102	31, 181	39	192, 615	30, 335	53	205, 694	32, 602	84	Del.
556	1, 062, 639	232, 250	457	1, 294, 737	244, 479	445	1, 354, 170	276, 379	977	Md.
484	236, 128	94, 446	495	326, 860	109, 966	745	353, 914	132, 068	887	D. C.
607	1, 389, 809	671, 096	707	1, 617, 909	690, 017	1, 261	1, 770, 405	650, 165	1, 231	Va.
63	1, 156, 817	64, 173	129	1, 377, 235	86, 345	121	1, 613, 934	114, 893	378	W. Va.
5, 738	1, 500, 511	697, 843	7, 933	1, 783, 779	763, 407	11, 937	2, 234, 948	918, 647	16, 681	N. C.
188	679, 161	835, 843	396	818, 538	864, 719	467	944, 040	793, 681	1, 044	S. C.
224	1, 431, 802	1, 176, 987	332	1, 689, 114	1, 206, 365	353	1, 836, 974	1, 071, 125	407	Ga.
479	443, 634	308, 669	316	638, 153	329, 487	830	1, 035, 205	431, 828	1, 178	Fla.
3, 024	5, 754, 326	2, 652, 513	3, 092	6, 367, 547	2, 523, 532	2, 228	7, 224, 614	2, 658, 238	4, 362	E. S. C.
159	2, 027, 951	261, 656	298	2, 180, 560	235, 938	132	2, 388, 384	226, 040	185	Ky.
187	1, 711, 432	473, 088	269	1, 885, 993	451, 758	134	2, 138, 619	477, 646	291	Tenn.
238	1, 228, 832	908, 282	979	1, 447, 082	900, 652	490	1, 700, 775	944, 834	639	Ala.
2, 440	786, 111	1, 009, 487	1, 516	853, 962	935, 184	1, 472	996, 856	1, 009, 718	3, 247	Miss.
67, 159	6, 721, 491	1, 984, 426	78, 617	8, 115, 727	2, 063, 579	62, 918	9, 099, 951	2, 281, 951	794, 893	W. S. C.
128	1, 131, 026	442, 891	532	1, 279, 757	472, 220	227	1, 374, 906	478, 463	1, 113	Ark.
1, 209	941, 086	713, 874	1, 428	1, 096, 611	700, 257	1, 641	1, 318, 160	776, 326	7, 107	La.
64, 503	1, 444, 531	137, 612	75, 012	1, 821, 194	149, 408	57, 681	2, 123, 424	172, 198	100, 418	Okla.[3]
1, 319	3, 204, 848	690, 049	1, 645	3, 918, 165	741, 694	3, 369	4, 283, 491	854, 964	686, 260	Tex.
79, 212	2, 520, 455	21, 487	91, 595	3, 212, 399	30, 801	92, 401	3, 303, 586	30, 225	367, 978	Mt.
15, 523	360, 580	1, 834	13, 639	534, 260	1, 658	12, 971	517, 327	1, 256	19, 023	Mont.
6, 984	319, 221	651	5, 722	425, 668	920	5, 278	437, 562	668	6, 802	Idaho.
2, 540	140, 318	2, 235	3, 412	190, 146	1, 375	2, 881	214, 067	1, 250	10, 248	Wyo.
2, 084	783, 415	11, 453	4, 156	924, 103	11, 318	4, 208	961, 117	11, 828	62, 846	Colo.
13, 493	304, 594	1, 628	21, 079	334, 673	5, 733	19, 944	331, 755	2, 850	88, 712	N.Mex.
28, 180	171, 468	2, 009	30, 877	291, 449	8, 005	34, 708	264, 378	10, 749	160, 446	Ariz.
3, 612	366, 583	1, 144	5, 624	441, 901	1, 446	6, 049	495, 955	1, 108	10, 784	Utah.
6, 796	74, 276	513	7, 086	70, 699	346	6, 362	81, 425	516	9, 117	Nev.
108, 415	4, 022, 873	29, 195	139, 236	5, 353, 634	47, 790	165, 447	7, 498, 375	90, 122	605, 936	Pac.
19, 285	1, 109, 111	6, 058	26, 821	1, 319, 777	6, 883	20, 961	1, 521, 099	6, 840	35, 457	Wash.
17, 849	655, 090	1, 492	16, 183	769, 146	2, 144	12, 099	937, 029	2, 234	14, 523	Oreg.
71, 281	2, 259, 672	21, 645	96, 232	3, 264, 711	38, 763	123, 387	5, 040, 247	81, 048	555, 956	Calif.

[3] Includes population of Indian Territory for 1890 and 1900.

No. 17.—RACE, NATIVITY,

NOTE.—Figures for 1920 for the native white of foreign parentage and of mixed parentage and for the foreign-

Division and State	Native white						Foreign-born white
	Native parentage		Foreign parentage		Mixed parentage		
	1920	1930	1920	1930	1920	1930	1920
Continental United States.	58,421,957	70,136,614	15,694,538	16,999,221	6,991,665	8,361,965	13,712,754
New England	2,803,149	3,167,082	1,906,340	2,120,423	735,936	943,288	1,870,654
Maine	495,780	515,243	86,150	87,094	76,416	92,478	107,349
New Hampshire	225,512	239,438	81,039	83,791	44,547	58,461	91,233
Vermont	228,325	234,090	42,100	40,771	36,886	41,043	44,526
Massachusetts	1,230,773	1,429,784	1,093,258	1,202,191	401,059	506,315	1,077,534
Rhode Island	173,553	210,963	182,660	207,032	64,268	88,307	173,499
Connecticut	449,206	537,564	421,133	499,544	111,880	156,694	376,513
Middle Atlantic	9,631,012	11,449,998	5,397,951	6,254,301	1,700,302	2,198,883	4,912,575
New York	3,068,268	4,473,946	2,844,083	3,351,491	873,566	1,133,307	2,736,112
New Jersey	1,212,675	1,571,528	829,058	1,044,704	256,741	368,535	738,613
Pennsylvania	4,750,071	5,404,424	1,724,810	1,858,106	569,995	697,021	1,387,850
East North Central	11,790,370	14,500,575	4,043,892	4,370,186	1,881,521	2,182,978	3,223,279
Ohio	3,669,122	4,325,311	838,251	921,783	335,823	439,891	678,697
Indiana	2,329,544	2,605,744	227,066	225,153	141,503	150,105	150,808
Illinois	3,066,563	3,768,990	1,467,036	1,606,599	558,783	672,614	1,206,951
Michigan	1,670,447	2,364,038	775,288	917,856	429,257	528,009	726,635
Wisconsin	1,054,694	1,436,492	736,051	698,795	366,065	392,359	460,128
West North Central	7,475,548	8,547,483	2,126,128	1,946,472	1,251,752	1,320,255	1,371,981
Minnesota	827,627	1,114,316	708,126	655,750	347,019	380,613	485,104
Iowa	1,528,553	1,697,538	376,710	332,051	253,271	253,058	225,647
Missouri	2,536,936	2,776,338	300,064	272,240	202,018	200,919	186,026
North Dakota	207,966	256,622	203,973	193,107	96,512	116,366	131,503
South Dakota	308,598	375,378	141,341	132,497	86,817	95,930	82,391
Nebraska	757,064	873,849	231,948	216,227	140,555	148,280	149,652
Kansas	1,308,804	1,453,442	163,964	144,600	125,560	125,089	110,578
South Atlantic	8,779,416	10,412,368	353,643	384,837	199,961	247,801	315,920
Delaware	139,876	155,024	23,288	23,477	9,641	10,308	19,810
Maryland	893,088	1,039,796	143,203	144,418	66,269	74,863	102,177
Dist. of Columbia	239,488	262,427	35,129	36,809	23,695	24,746	28,548
Virginia	1,534,494	1,692,703	30,514	28,552	22,116	25,330	30,785
West Virginia	1,232,857	1,461,544	56,625	66,854	25,847	34,016	61,906
North Carolina	1,765,203	2,208,563	5,737	7,919	5,740	9,678	7,099
South Carolina	799,418	925,439	7,025	6,477	5,694	6,858	6,401
Georgia	1,642,607	1,792,499	16,371	16,215	13,860	15,343	16,186
Florida	532,295	874,373	35,751	55,116	27,099	46,659	43,008
East South Central	6,092,782	6,971,937	115,484	103,333	87,342	91,679	71,939
Kentucky	2,039,134	2,209,540	65,931	54,320	44,715	42,664	30,780
Tennessee	1,832,757	2,087,383	20,423	19,303	17,335	18,807	15,478
Alabama	1,394,129	1,646,339	19,591	19,700	15,650	19,026	17,662
Mississippi	826,762	968,675	9,539	10,010	9,642	11,122	8,019
West South Central	6,959,785	8,353,280	415,799	300,278	280,810	276,191	459,333
Arkansas	1,226,692	1,329,205	19,030	16,130	20,060	19,308	13,975
Louisiana	941,724	1,172,572	67,016	61,797	43,000	48,881	44,871
Oklahoma	1,679,107	1,994,305	53,083	48,465	49,036	53,901	39,963
Texas	3,112,262	3,857,198	276,670	173,886	168,714	154,011	360,519
Mountain	2,002,508	2,300,255	451,132	401,071	306,034	314,346	453,225
Montana	275,803	283,539	101,918	94,580	62,919	66,247	93,620
Idaho	294,252	320,189	47,920	42,888	44,533	44,031	38,963
Wyoming	122,884	148,381	25,234	26,439	16,773	19,589	25,255
Colorado	603,041	669,106	130,059	125,631	74,049	80,974	116,954
New Mexico	273,317	302,753	18,865	10,741	13,414	10,464	29,077
Arizona	151,145	210,247	39,534	18,902	22,671	19,638	78,099
Utah	245,781	318,470	75,901	69,525	63,764	64,188	56,456
Nevada	36,285	47,570	11,701	12,365	7,911	9,215	14,802
Pacific	2,887,387	4,433,738	884,372	1,118,320	548,007	786,554	1,033,868
Washington	711,705	873,627	214,618	229,063	143,398	174,153	250,055
Oregon	497,726	629,974	95,827	108,797	73,442	92,783	102,151
California	1,677,955	2,930,135	573,927	780,460	331,167	519,618	681,662

Source: Bureau of the Census, Department of Commerce.

AND PARENTAGE, BY STATES

born white include Mexicans who were given a separate classification in 1930. See footnote 2, Table 14

Foreign-born white—Contd.	Negro		Mexican	Indian		Chinese		Japanese		Division and State
1930	1920	1930	1930	1920	1930	1920	1930	1920	1930	
13,366,407	10,463,131	11,891,143	1,422,533	244,437	332,397	61,639	74,954	111,010	138,834	U. S.
1,834,310	79,051	94,086	107	1,715	2,466	3,602	3,794	347	352	N. E.
100,368	1,310	1,096	2	839	1,012	161	115	7	3	Me.
82,660	621	700	1	28	64	95	84	8	-------	N. H.
43,061	572	568	1	24	36	11	34	4	1	Vt.
1,054,636	45,466	52,365	66	555	874	2,544	2,973	191	201	Mass.
170,714	10,036	9,913	10	110	318	225	197	35	17	R. I.
382,871	21,046	29,354	27	159	162	566	391	102	130	Conn.
5,269,042	600,183	1,052,899	6,757	5,940	7,709	8,812	14,005	3,286	3,662	M. A.
3,191,549	198,483	412,814	2,898	5,503	6,973	5,793	9,665	2,086	2,930	N. Y.
844,442	117,132	208,828	454	100	213	1,190	1,783	325	439	N. J.
1,233,051	284,598	431,257	3,405	337	523	1,829	2,557	255	293	Pa.
3,223,924	614,554	930,450	58,317	15,395	19,817	5,043	6,340	927	1,022	E. N. C.
644,151	186,187	309,304	4,037	151	435	941	1,425	130	187	Ohio.
135,134	80,810	111,982	9,642	125	285	283	279	81	71	Ind.
1,218,158	182,274	323,972	28,906	194	469	2,776	3,192	472	554	Ill.
840,268	60,082	169,453	13,336	5,614	7,080	792	1,081	184	176	Mich.
386,213	5,201	10,739	2,396	9,611	11,548	251	363	60	24	Wis.
1,059,277	278,521	331,784	39,805	37,283	48,245	1,678	1,738	1,215	1,003	W. N. C.
388,294	8,809	9,445	3,626	8,761	11,077	508	524	85	69	Minn.
165,735	19,005	17,380	4,295	529	660	235	153	29	19	Iowa.
149,390	173,241	223,340	4,989	171	578	412	634	135	94	Mo.
105,148	467	377	608	6,254	8,387	124	103	72	91	N.Dak.
65,648	832	646	816	16,384	21,833	142	70	38	19	S.Dak.
115,346	13,242	13,752	6,321	2,888	3,256	189	194	804	674	Nebr.
69,716	57,925	66,344	19,150	2,276	2,454	68	60	52	37	Kans.
304,278	4,325,120	4,421,388	691	13,673	19,060	1,824	1,869	360	393	S. A.
16,885	30,335	32,602	24	2	5	43	38	8	8	Del.
95,093	244,479	276,379	56	32	50	371	492	29	38	Md.
29,932	109,966	132,068	67	37	40	461	398	103	78	D. C.
23,820	690,017	650,165	36	824	779	278	293	56	43	Va.
51,520	86,345	114,893	257	7	18	93	86	10	9	W.Va.
8,788	763,407	918,647	10	11,824	16,579	88	68	24	17	N. C.
5,266	864,719	793,681	9	304	959	93	41	15	15	S. C.
13,917	1,206,365	1,071,125	47	125	43	211	253	9	32	Ga.
59,057	329,487	431,828	185	518	587	181	200	106	153	Fla.
57,865	2,523,532	2,058,238	1,403	1,823	2,106	542	743	35	46	E. S. C.
21,840	235,938	226,040	88	57	22	62	60	9	9	Ky.
13,066	451,758	477,646	25	56	161	57	70	8	11	Tenn.
15,710	900,652	944,834	69	405	465	59	52	18	25	Ala.
7,049	935,184	1,009,718	1,221	1,105	1,458	364	561	-------	1	Miss.
170,232	2,063,579	2,281,951	695,996	80,618	95,670	1,534	1,582	578	687	W. S. C.
10,173	472,220	478,463	409	106	408	113	251	5	12	Ark.
34,910	700,257	776,326	4,552	1,066	1,536	387	422	57	52	La.
26,753	149,408	172,198	7,354	57,337	92,725	261	206	67	104	Okla.
98,396	741,694	854,964	683,681	2,109	1,001	773	703	449	519	Tex.
287,914	30,801	30,225	249,314	78,899	102,083	4,339	3,252	10,792	11,418	Mt.
72,961	1,658	1,256	2,571	10,956	14,798	872	480	1,074	753	Mont.
30,454	920	668	1,278	3,098	3,638	585	335	1,560	1,421	Idaho.
19,658	1,375	1,250	7,174	1,343	1,845	252	130	1,194	1,026	Wyo.
85,406	11,318	11,828	57,676	1,383	1,395	291	233	2,464	3,213	Colo.
7,797	5,733	2,850	59,340	19,512	28,941	171	133	251	249	N.Mex
15,591	3,005	10,749	114,173	32,989	43,726	1,137	1,110	550	879	Ariz.
43,772	1,446	1,108	4,012	2,711	2,869	342	342	2,936	3,269	Utah.
12,275	346	516	3,090	4,907	4,871	689	483	754	608	Nev.
1,159,785	47,790	90,122	370,143	31,011	35,241	34,265	41,631	93,490	120,251	Pac.
244,256	6,883	6,840	562	9,061	11,253	2,303	2,195	17,387	17,837	Wash.
105,475	2,144	2,234	1,568	4,590	4,776	3,090	2,075	4,151	4,958	Oreg.
810,034	38,763	81,048	368,013	17,360	19,212	28,812	37,361	71,952	97,456	Calif.

No. 18.—RACE, NATIVITY, AND PARENTAGE: PERCENTAGES, BY STATES

NOTE.—Percentages for 1930, particularly in some States, are affected by the change in classification of Mexicans. See footnote 2, Table 14.

Division and State	Per cent of total population						Per cent of white population						
	White			Negro			Native, 1930				Foreign born		
	1910	1920	1930	1910	1920	1930	Total	Native parentage	Foreign parentage	Mixed parentage	1910	1920	1930
Continental United States	88.9	89.7	88.7	10.7	9.9	9.7	87.7	64.4	15.6	7.7	16.3	14.5	12.3
New England	99.9	99.9	99.8	1.0	1.1	1.2	77.3	39.3	26.3	11.7	28.0	25.6	22.7
Maine	99.7	99.7	99.7	.2	.2	.1	87.4	64.8	11.0	11.6	14.9	14.0	12.6
New Hampshire	99.8	99.8	99.8	.1	.1	.2	82.2	51.6	18.0	12.6	22.5	20.6	17.8
Vermont	99.5	99.8	99.8	.5	.2	.2	88.0	65.2	11.4	11.4	14.1	12.7	12.0
Massachusetts	98.8	98.7	98.7	1.1	1.2	1.2	74.8	34.1	28.7	12.1	31.6	28.3	25.2
Rhode Island	98.1	98.3	98.5	1.8	1.7	1.4	74.8	31.2	30.6	13.0	33.4	29.2	25.2
Connecticut	98.6	98.4	98.1	1.4	1.5	1.8	75.7	34.1	31.7	9.9	29.9	27.7	24.3
Middle Atlantic	97.7	97.2	95.8	2.2	2.7	4.0	79.1	45.5	24.8	8.7	25.6	22.7	20.9
New York	98.4	97.9	96.5	1.5	1.9	3.3	73.7	36.8	27.6	9.3	30.4	27.4	26.3
New Jersey	96.4	96.2	94.8	3.5	3.7	5.2	77.9	41.0	27.3	9.6	26.9	24.3	22.1
Pennsylvania	97.4	96.7	95.4	2.5	3.3	4.5	86.6	58.8	20.2	7.6	19.3	16.5	13.4
East North Central	98.2	97.5	96.0	1.6	2.4	3.7	86.7	59.7	18.0	9.0	17.1	15.4	13.3
Ohio	97.6	96.7	95.3	2.3	3.2	4.7	89.8	68.3	14.6	6.9	12.8	12.2	10.2
Indiana	97.7	97.2	96.2	2.2	2.8	3.5	95.7	83.6	7.2	4.8	6.0	5.3	4.3
Illinois	98.0	97.1	95.2	1.9	2.8	4.3	79.3	51.9	22.1	9.3	21.8	19.2	16.8
Michigan	99.1	98.2	96.0	.6	1.6	3.5	81.9	50.8	19.7	11.4	21.4	20.2	18.1
Wisconsin	99.4	99.4	99.1	.1	.2	.4	86.7	49.3	24.0	13.5	22.1	17.6	13.3
West North Central	97.5	97.5	96.8	2.1	2.2	2.5	91.8	68.4	15.1	10.3	14.2	11.2	8.2
Minnesota	99.2	99.2	99.0	.3	.4	.4	84.7	43.9	25.8	15.0	26.4	20.5	15.3
Iowa	99.3	99.2	99.1	.7	.8	.7	93.2	69.3	13.6	10.3	12.4	9.5	6.8
Missouri	95.2	94.7	93.6	4.8	5.2	6.2	95.6	81.7	8.0	5.9	7.3	5.8	4.4
North Dakota	98.8	98.9	98.6	.1	.1	.1	84.3	38.2	28.8	17.3	27.4	20.5	15.7
South Dakota	96.6	97.3	96.6	.1	.1	.1	90.2	56.1	19.8	14.3	17.8	13.3	9.3
Nebraska	99.0	98.7	98.2	.6	1.0	1.0	91.5	64.6	16.0	11.0	14.9	11.7	8.5
Kansas	96.7	96.6	95.3	3.2	3.3	3.5	95.1	81.1	8.1	7.0	8.3	6.5	3.9
South Atlantic	66.2	69.0	71.9	33.7	30.9	28.0	97.3	91.7	3.4	2.2	3.6	3.3	2.7
Delaware	84.6	86.4	86.3	15.4	13.6	13.7	91.8	75.4	11.4	5.0	10.2	10.3	8.2
Maryland	82.0	83.1	83.0	17.9	16.9	16.9	93.0	76.8	10.7	5.5	9.8	8.5	7.0
Dist. of Columbia	71.3	74.7	72.7	28.5	25.1	27.1	91.5	74.1	10.4	7.0	10.3	8.7	8.5
Virginia	67.4	70.1	73.1	32.6	29.9	26.8	98.7	95.0	1.6	1.4	1.9	1.9	1.3
West Virginia	94.7	94.1	93.3	5.3	5.9	6.6	96.8	90.6	4.1	2.1	4.9	4.5	3.2
North Carolina	68.0	69.7	70.5	31.6	29.8	29.0	99.6	98.8	.4	.4	.4	.4	.4
South Carolina	44.8	48.6	54.3	55.2	51.4	45.6	99.4	98.0	.7	.7	.9	.8	.6
Georgia	54.9	58.3	63.2	45.1	41.7	36.8	99.2	97.6	.8	.8	1.1	1.0	.8
Florida	58.9	65.9	70.5	41.0	34.0	29.4	94.3	84.5	5.3	4.5	7.6	6.7	5.7
East South Central	68.4	71.6	73.1	31.5	28.4	26.9	99.2	96.5	1.4	1.3	1.5	1.1	.8
Kentucky	88.6	90.2	91.3	11.4	9.8	8.6	99.1	95.0	2.3	1.8	2.0	1.4	.9
Tennessee	78.3	80.7	81.7	21.7	19.3	18.3	99.4	97.6	.9	.9	1.1	.8	.6
Alabama	57.5	61.6	64.3	42.5	38.4	35.7	99.1	96.8	1.2	1.1	1.5	1.2	.9
Mississippi	43.7	47.7	49.6	56.2	52.2	50.2	99.3	97.2	1.0	1.1	1.2	.9	.7
West South Central	76.5	79.2	74.7	22.8	20.1	18.7	98.1	91.8	3.3	3.0	5.2	5.7	1.9
Arkansas	71.8	73.0	74.1	28.1	27.0	25.8	99.3	96.7	1.2	1.4	1.5	1.1	.7
Louisiana	55.8	61.0	62.7	43.1	38.9	36.9	97.4	89.0	4.7	3.7	5.5	4.1	2.6
Oklahoma	87.2	89.8	88.6	8.3	7.4	7.2	98.7	93.9	2.3	2.5	2.8	2.2	1.3
Texas	82.2	84.0	73.5	17.7	15.9	14.7	97.7	90.0	4.1	3.6	7.5	9.2	2.3
Mountain	95.7	96.3	89.2	.8	.9	.8	91.3	69.6	12.1	9.5	17.3	14.1	8.7
Montana	95.9	97.3	93.2	.5	.3	.2	85.9	54.8	18.3	12.8	25.4	17.5	14.1
Idaho	98.0	98.6	98.3	.2	.2	.2	93.0	73.2	9.8	10.1	12.7	9.2	7.0
Wyoming	96.1	97.8	94.9	1.5	.7	.6	90.8	69.3	12.4	9.2	19.3	13.3	9.2
Colorado	98.0	98.3	92.8	1.4	1.2	1.1	91.1	69.6	13.1	8.4	16.2	12.7	8.9
New Mexico	93.1	92.9	78.4	.5	1.6	.7	97.6	91.3	3.2	3.2	7.4	8.7	2.4
Arizona	83.9	87.2	60.7	1.0	2.4	2.5	94.1	79.5	7.1	7.4	27.3	26.8	5.9
Utah	98.2	98.3	97.7	.3	.3	.2	91.2	64.2	14.0	12.9	17.3	12.8	8.8
Nevada	90.7	91.3	89.4	.6	.4	.6	84.9	58.4	15.2	11.3	24.2	20.9	15.1
Pacific	96.0	96.2	91.5	.7	.9	1.1	84.5	59.1	14.9	10.5	21.4	19.3	15.5
Washington	97.1	97.3	97.3	.5	.5	.4	83.9	57.4	15.1	11.4	21.7	18.9	16.1
Oregon	97.4	98.2	98.2	.2	.3	.2	88.7	67.2	11.6	9.9	15.7	13.3	11.3
California	95.0	95.3	88.8	.9	1.1	1.4	83.9	55.1	15.5	10.3	22.9	20.9	16.1

Source: Bureau of the Census, Department of Commerce.

No. 19.—URBAN AND RURAL POPULATION: By Race, Nativity, and Parentage, by Sex and Age Groups, Continental United States

Note.—For definition of urban and rural population see Table 7, page 6

Class	Number				Per cent distribution			
	Urban		Rural		Urban		Rural	
	1920	1930	1920	1930	1920	1930	1920	1930
Total	54,304,603	68,954,823	51,406,017	53,820,223	100.0	100.0	100.0	100.0
White	50,620,084	62,836,605	44,200,831	46,027,602	93.2	91.1	86.0	85.5
Negro	3,559,473	5,193,913	6,903,658	6,697,230	6.6	7.5	13.4	12.4
All other [1]	125,046	924,305	301,528	1,095,391	.2	1.3	.6	2.0
Native white:								
Native parentage	24,556,729	33,497,282	33,895,228	36,639,382	45.2	48.6	65.9	68.1
Foreign or mixed parentage	15,706,372	18,612,514	6,979,832	6,748,672	28.9	27.0	13.6	12.5
Foreign-born white	10,356,083	10,726,859	3,355,771	2,639,548	19.1	15.6	6.5	4.9

Class	Sex distribution, 1930					
	Urban			Rural		
	Male	Female	Males per 100 females	Male	Female	Males per 100 females
Total	34,154,760	34,800,063	98.1	27,982,320	25,837,903	108.3
White	31,162,570	31,674,035	98.4	24,001,284	22,026,318	109.0
Negro	2,479,158	2,714,755	91.3	3,376,511	3,320,719	101.7
All other	513,032	411,273	124.7	604,525	490,866	123.2
Native white:						
Native parentage	16,515,816	16,981,416	97.3	18,944,185	17,695,197	107.1
Foreign or mixed parentage	9,004,667	9,607,847	93.7	3,545,477	3,203,195	110.7
Foreign-born white	5,642,087	5,084,772	111.0	1,511,622	1,127,026	134.0

Class	Age distribution, 1930							
	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 44 years	45 to 64 years	65 years and over	Unknown
URBAN POPULATION								
Total urban	5,626,360	6,211,141	5,949,993	6,015,411	29,071,895	12,490,762	3,523,535	66,036
Per cent of total	8.2	9.0	8.6	8.7	42.2	18.1	5.1	0.1
Male	2,855,018	3,128,686	2,970,019	2,881,288	14,351,722	6,304,095	1,627,928	36,004
Female	2,771,342	3,082,455	2,979,974	3,134,123	14,720,163	6,186,667	1,895,607	30,032
White	5,074,431	5,621,105	5,455,278	5,486,037	26,166,057	11,611,834	3,366,066	54,897
Negro	427,607	468,357	407,867	447,155	2,520,611	773,870	139,108	9,338
All other	124,322	121,679	86,848	81,819	385,217	105,058	18,361	1,801
Native white:								
Native parentage	3,517,183	3,597,690	3,171,407	3,053,878	13,545,214	5,077,408	1,495,526	38,926
Foreign or mixed parentage	1,533,643	1,920,459	2,160,882	2,156,157	7,315,446	2,797,669	720,309	7,949
Foreign-born white	23,605	102,958	122,989	276,902	5,305,397	3,736,757	1,150,231	8,022
RURAL POPULATION								
Total rural	5,818,030	6,396,468	6,055,184	5,536,704	17,951,362	8,924,219	3,110,270	27,986
Per cent of total	10.8	11.9	11.3	10.3	33.4	16.6	5.8	0.1
Male	2,951,156	3,252,422	3,098,758	2,876,537	9,223,378	4,866,074	1,697,283	15,812
Female	2,866,874	3,144,046	2,956,426	2,660,167	8,727,984	4,057,245	1,412,987	12,174
White	4,952,965	5,335,039	5,091,004	4,624,647	15,365,687	7,890,311	2,845,517	22,432
Negro	802,599	900,024	843,675	803,373	2,197,204	912,351	233,611	4,393
All other	162,466	161,405	120,505	108,684	388,471	121,557	31,142	1,161
Native white:								
Native parentage	4,421,982	4,723,348	4,356,945	3,878,625	11,865,306	5,440,380	1,934,361	18,435
Foreign or mixed parentage	426,800	592,956	709,312	698,204	2,550,107	1,364,914	404,094	2,195
Foreign-born white	4,183	18,735	24,747	47,728	950,274	1,085,017	507,062	1,802

[1] For 1930 includes Mexicans. See note 2, Table 14.

Source: Bureau of the Census, Department of Commerce.

No. 20.—POPULATION STATISTICS OF CITIES

NOTE.—The 1930 figures for "Other races" include Mexicans who in 1920 were classified for the most population of the city. The increase from census to census includes that

City	Total population					Native white, native parentage		
						Number		Per cent, 1930
	1890	1900	1910	1920	1930	1920	1930	
Akron, Ohio	27,601	42,728	69,067	208,435	255,040	125,079	162,699	63.8
Albany, N. Y.	94,923	94,151	100,253	113,344	127,412	56,265	66,566	52.2
Allentown, Pa.	25,228	35,416	51,913	73,502	92,563	51,937	64,147	69.3
Altoona, Pa.	30,337	38,973	52,127	60,331	82,054	43,390	61,960	75.5
Asheville, N. C.	10,235	14,694	18,762	28,504	50,193	19,984	33,585	66.9
Atlanta, Ga.	65,533	89,872	154,839	200,616	270,366	124,948	166,513	61.6
Atlantic City, N. J.	13,055	27,838	46,150	50,707	66,198	22,087	24,464	37.0
Augusta, Ga.	33,300	39,441	41,040	52,548	60,342	26,883	33,310	55.2
Austin, Tex.	14,575	22,258	29,860	34,876	53,120	26,905	31,666	59.6
Baltimore, Md.	434,439	508,957	558,485	733,826	804,874	378,380	427,372	53.1
Bayonne, N. J.	19,033	32,722	55,545	76,754	88,979	14,497	20,085	22.6
Beaumont, Tex.	3,296	9,427	20,640	40,422	57,732	21,710	32,900	57.0
Berkeley, Calif.	5,101	13,214	40,434	56,036	82,109	28,669	43,755	53.3
Bethlehem, Pa.[2]	9,521	10,758	12,837	50,358	57,892	26,503	29,820	51.5
Binghamton, N. Y.	35,005	39,647	48,443	66,800	76,662	40,030	46,369	60.5
Birmingham, Ala.	26,178	38,415	132,685	178,806	259,678	92,211	141,493	54.5
Boston, Mass.[2]	448,477	560,892	670,585	748,060	781,188	181,811	200,130	25.6
Bridgeport, Conn.	48,866	70,996	102,054	143,555	146,716	36,816	37,587	25.6
Brockton, Mass.	27,294	40,063	56,878	66,254	63,707	24,643	24,909	39.0
Buffalo, N. Y.	255,664	352,387	423,715	506,775	573,076	165,135	212,586	37.1
Cambridge, Mass.	70,028	91,886	104,839	109,694	113,643	29,045	31,100	27.4
Camden, N. J.	58,313	75,935	94,538	116,309	118,700	56,249	52,912	44.6
Canton, Ohio	26,189	30,667	50,217	87,091	104,906	53,783	65,090	62.0
Cedar Rapids, Iowa	18,020	25,656	32,811	45,566	56,097	26,667	36,025	64.2
Charleston, S. C.	54,955	55,807	58,833	67,957	62,265	28,262	28,248	45.4
Charleston, W. Va.	6,742	11,099	22,996	39,608	60,408	31,044	48,167	79.7
Charlotte, N. C.	11,557	18,091	34,014	46,338	82,675	30,196	54,819	66.3
Chattanooga, Tenn.	29,100	30,154	44,604	57,895	119,798	34,911	81,212	67.8
Chester, Pa.	20,226	33,988	38,537	58,030	59,164	25,627	26,856	45.4
Chicago, Ill.	1,099,850	1,698,575	2,185,283	2,701,705	3,376,438	642,871	943,301	27.9
Cicero, Ill.	10,204	16,310	14,557	44,995	66,602	6,470	13,564	20.4
Cincinnati, Ohio	296,908	325,902	363,591	401,247	451,160	206,605	264,123	58.5
Cleveland, Ohio	261,353	381,768	560,663	796,841	900,429	212,247	242,832	27.0
Cleveland Heights, Ohio			2,955	15,236	50,945	9,053	26,210	51.4
Columbia, S. C.	15,353	21,108	26,319	37,524	51,581	21,605	30,417	59.0
Columbus, Ohio	88,150	125,560	181,511	237,031	290,564	159,069	201,778	69.4
Covington, Ky.	37,371	42,938	53,270	57,121	65,252	37,391	49,297	75.5
Dallas, Tex.	38,067	42,638	92,104	158,976	260,475	112,509	192,580	73.9
Davenport, Iowa	26,872	35,254	43,028	56,727	60,751	29,394	36,214	59.6
Dayton, Ohio	61,220	85,333	116,577	152,559	200,982	100,996	142,059	70.7
Dearborn, Mich.		844	911	2,470	50,358	(4)	20,351	40.4
Decatur, Ill.	16,841	20,754	31,140	43,818	57,510	33,254	45,939	79.9
Denver, Colo.	106,713	133,859	213,381	256,491	287,861	144,678	169,457	58.9
Des Moines, Iowa	50,093	62,139	86,368	126,468	142,559	84,361	100,236	70.3
Detroit, Mich.	205,876	285,704	465,766	993,678	1,568,662	313,997	537,844	34.3
Duluth, Minn.	33,115	52,969	78,466	98,917	101,463	23,931	30,675	30.2
Durham, N. C.	5,485	6,679	18,241	21,719	52,037	13,608	32,382	62.2
East Chicago, Ind.	1,255	3,411	19,098	35,967	54,784	5,954	11,521	21.0
East Orange, N. J.		21,506	34,371	50,710	68,020	27,455	33,647	49.5
East St. Louis, Ill.	15,169	29,655	58,547	66,767	74,347	38,854	45,826	61.6
Elizabeth, N. J.	37,764	52,130	73,409	95,783	114,589	25,887	33,605	29.3
El Paso, Tex.	10,338	15,906	39,279	77,560	102,421	27,456	32,810	32.0
Erie, Pa.	40,634	52,733	66,525	93,372	115,967	41,179	55,286	47.7
Evanston, Ill.		19,259	24,978	37,234	63,338	16,723	31,987	50.5
Evansville, Ind.	50,756	59,007	69,647	85,264	102,249	60,270	80,329	78.6
Fall River, Mass.	74,398	104,863	119,295	120,485	115,274	19,168	24,368	21.1
Flint, Mich.	9,803	13,103	38,550	91,599	156,492	50,186	91,557	58.5
Fort Wayne, Ind.	35,393	45,115	63,933	86,549	114,946	57,675	86,196	75.0
Fort Worth, Tex.	23,076	26,688	73,312	106,482	163,447	75,515	126,116	77.2
Fresno, Calif.	10,818	12,470	24,892	45,086	52,513	23,793	25,914	49.3
Galveston, Tex.	29,084	37,789	36,981	44,255	52,938	17,280	22,401	42.3
Gary, Ind.			16,802	55,378	100,426	16,519	33,635	33.5

[1] Includes Indians, Chinese, Japanese, and other nonwhite. (See headnote.)
[2] Bethlehem borough includes West Bethlehem prior to 1920. Consolidated with South Bethlehem borough as Bethlehem city between 1910 and 1920. Combined population 1890, 19,823; 1900, 23,999; 1910, 2,810.

HAVING IN 1930 OVER 50,000 INHABITANTS

part as white. See footnote 2, Table 14. Per cents show proportion which specified class forms of total due to annexation of territory as well as to direct growth

Native white, foreign or mixed parentage			Foreign-born white			Negro and other races[1]			Sex, 1930		City
Number		Per cent, 1930	Number		Per cent, 1930	Number		Per cent, 1930	Male	Female	
1920	1930		1920	1930		1920	1930				
39,750	40,477	19.4	37,889	31,568	12.4	5,717	11,296	4.4	130,029	125,011	Akron.
38,135	40,476	31.8	17,636	17,918	14.1	1,308	2,452	1.9	61,947	65,465	Albany.
12,767	18,439	19.9	8,612	9,607	10.4	186	370	.4	45,437	47,126	Allentown.
10,729	13,425	16.4	5,312	5,951	7.3	900	718	.9	40,351	41,703	Altoona.
808	1,506	3.0	555	842	1.7	7,157	14,260	28.4	23,124	27,069	Asheville.
8,099	9,007	3.3	4,738	4,727	1.7	62,831	90,119	33.3	126,493	143,873	Atlanta.
10,590	16,147	24.4	7,009	9,903	15.0	11,021	15,684	23.7	31,449	34,749	Atlantic City.
2,078	1,953	3.2	927	734	1.2	22,660	24,345	40.3	28,329	32,013	Augusta.
4,476	4,926	9.3	2,547	1,617	3.0	6,948	14,911	28.1	25,264	27,856	Austin.
162,839	160,342	19.9	83,911	74,410	9.2	108,606	142,750	17.7	395,888	408,986	Baltimore.
36,103	41,081	46.8	25,472	24,899	28.0	682	2,314	2.6	47,119	41,860	Bayonne.
3,558	4,084	7.1	1,918	1,523	2.6	13,236	19,225	33.3	28,844	28,888	Beaumont.
15,954	21,590	26.3	9,573	12,163	14.8	1,840	4,601	5.6	38,623	43,486	Berkeley.
12,546	16,837	20.1	10,043	10,093	17.4	366	1,142	2.0	29,088	28,804	Bethlehem.[2]
15,742	18,967	24.7	10,368	10,566	13.8	660	760	1.0	37,206	39,456	Binghamton.
10,255	13,191	5.1	6,084	5,867	2.3	70,256	99,127	38.2	125,855	133,823	Birmingham.
309,755	329,270	42.1	238,919	229,356	29.4	17,575	22,432	2.9	383,454	397,734	Boston.[3]
57,990	64,979	44.3	46,414	40,759	27.8	2,335	3,391	2.3	73,061	73,655	Bridgeport.
23,868	24,079	37.7	17,124	14,275	22.4	619	534	.8	30,941	32,856	Brockton.
215,377	227,967	39.8	121,530	118,316	20.6	4,733	14,207	2.5	284,460	288,616	Buffalo.
43,101	44,016	39.3	32,104	32,330	28.4	5,444	5,597	4.9	54,013	59,630	Cambridge.
31,242	35,756	30.1	20,262	18,615	15.7	8,556	11,417	9.6	59,442	59,258	Camden.
17,304	23,534	22.4	14,680	13,213	12.6	1,324	3,069	2.9	53,301	51,605	Canton.
12,348	14,225	25.4	5,863	4,974	8.9	688	873	1.6	27,139	28,958	Cedar Rapids.
5,180	4,318	6.9	2,143	1,611	2.6	32,372	28,088	45.1	28,382	33,883	Charleston, S.C.
2,684	3,730	6.2	1,354	1,741	2.9	4,526	6,764	11.2	26,681	30,727	Charleston, W. Va.
983	1,778	2.2	514	893	1.1	14,645	25,185	30.5	39,583	43,092	Charlotte.
2,850	3,819	3.2	1,240	1,464	1.2	18,894	33,303	27.8	57,032	61,866	Chattanooga.
13,908	14,966	25.3	11,292	8,048	13.6	7,203	9,294	15.7	30,424	28,740	Chester.
1,140,816	1,332,373	39.5	805,482	842,057	24.9	112,536	258,707	7.7	1,710,663	1,665,775	Chicago.
23,050	33,382	50.1	15,466	19,490	29.3	9	166	.2	34,284	32,318	Cicero.
121,695	104,154	23.1	42,827	34,835	7.7	30,150	48,048	10.6	218,995	232,165	Cincinnati.
310,241	354,771	39.4	239,538	229,487	25.5	34,815	73,339	8.1	456,856	443,573	Cleveland.
4,101	16,529	32.4	1,896	7,616	14.9	186	590	1.2	23,199	27,746	Cleveland Heights.
918	1,101	2.1	544	524	1.0	14,457	19,539	37.9	24,005	27,576	Columbia.
39,597	40,538	14.0	16,055	15,279	5.3	22,310	32,969	11.3	143,359	147,205	Columbus.
13,801	19,573	16.2	2,883	1,900	2.9	3,046	3,482	5.6	31,690	33,562	Covington.
13,649	16,667	6.4	8,730	6,473	2.5	24,088	44,755	17.2	126,071	134,404	Dallas.
18,991	17,860	29.4	7,644	5,621	9.3	698	1,056	1.7	30,192	30,559	Davenport.
29,388	29,758	14.8	13,111	12,014	6.0	9,064	17,151	8.5	99,822	101,160	Dayton.
(4)	16,222	32.2	(4)	13,395	26.6	(4)	390	.8	27,279	23,079	Dearborn.
6,787	7,251	12.6	2,590	2,355	4.1	1,187	1,965	3.4	28,004	29,506	Decatur.
67,346	72,285	26.1	37,620	31,235	10.9	6,847	14,884	5.2	139,372	147,989	Denver.
25,302	27,178	19.1	11,224	9,310	6.5	5,581	5,835	4.1	68,481	74,078	Des Moines.
348,771	503,016	32.1	289,297	309,281	25.5	41,613	128,521	8.2	821,920	746,742	Detroit.
44,265	45,305	44.7	30,118	24,929	24.6	603	554	.5	51,285	50,178	Duluth.
272	570	1.1	181	361	.7	7,658	18,724	36.0	24,629	27,408	Durham.
13,893	18,994	34.7	14,663	13,793	25.2	1,457	10,476	19.1	30,618	24,166	East Chicago.
14,075	19,404	28.5	6,780	10,030	14.8	2,400	4,933	7.3	31,637	36,383	East Orange.
13,668	12,286	16.5	6,782	4,657	6.3	7,463	11,578	15.6	37,461	36,886	East St. Louis.
39,668	46,971	41.0	28,215	20,156	25.4	2,013	4,857	4.2	58,348	56,241	Elizabeth.
14,995	6,311	6.2	33,353	2,844	2.8	1,756	60,456	59.0	49,551	52,870	El Paso.
34,047	42,159	36.4	17,370	17,241	14.9	776	1,281	1.1	57,512	58,455	Erie.
11,182	16,728	26.4	6,771	9,623	15.2	2,558	5,000	7.9	29,586	33,752	Evanston.
15,437	13,309	13.0	3,145	2,082	2.0	6,412	6,535	6.4	49,480	52,769	Evansville.
58,615	58,321	50.6	42,331	32,078	27.8	371	507	.4	55,132	60,142	Fall River.
24,521	37,532	24.0	15,127	20,934	13.4	1,765	6,409	4.1	81,897	74,595	Flint.
20,764	20,580	17.9	6,634	5,720	5.0	1,476	2,441	2.1	56,270	58,676	Fort Wayne.
7,592	8,163	5.0	7,359	2,918	1.8	16,016	26,250	16.1	80,015	83,432	Fort Worth.
10,475	12,974	24.7	8,552	7,956	15.2	2,206	5,669	10.8	26,382	26,131	Fresno.
10,137	9,954	18.8	6,892	4,705	8.9	9,937	15,878	30.0	27,495	25,443	Galveston.
17,065	26,012	25.9	16,460	19,345	19.3	5,334	21,484	21.3	54,593	45,833	Gary.

[2] Hyde Park town annexed to Boston City between 1910 and 1920. Combined population, 1890, 458,670; 1900, 574,136; 1910, 686,092.

[4] Not distributed by nativity or race.

No. 20.—Population Statistics of Cities Having

City	Total population					Native white, native parentage		
						Number		Per cent, 1930
	1890	1900	1910	1920	1930	1920	1930	
Glendale, Calif.			2,746	13,536	62,736	9,032	43,217	68.9
Grand Rapids, Mich.	60,278	87,565	112,571	137,634	168,592	56,079	79,450	47.1
Greensboro, N. C.	3,317	10,035	15,895	19,861	53,569	13,364	38,086	71.1
Hamilton, Ohio	17,565	23,914	35,279	39,675	52,176	27,201	40,112	76.9
Hammond, Ind.	5,428	12,376	20,925	36,004	64,560	14,953	34,606	53.6
Hamtramck, Mich.			3,559	48,615	56,268	2,073	4,185	7.4
Harrisburg, Pa.	39,385	50,167	64,186	75,917	80,339	59,268	62,204	77.4
Hartford, Conn.	53,230	79,850	98,915	138,036	164,072	40,327	45,582	27.8
Highland Park, Mich.		427	4,120	46,499	52,959	19,605	23,079	43.6
Hoboken, N. J.	43,648	59,364	70,324	68,166	59,261	14,473	13,372	22.6
Holyoke, Mass.	35,637	45,712	57,730	60,203	56,537	10,994	13,221	23.4
Houston, Tex.	27,557	44,633	78,800	138,276	292,352	72,433	173,692	59.4
Huntington, W. Va.	10,108	11,923	31,161	50,177	75,572	44,720	66,854	88.5
Indianapolis, Ind.	105,436	169,164	233,650	314,194	364,161	219,297	265,349	72.9
Irvington, N. J.		5,255	11,877	25,480	56,733	9,806	21,101	37.2
Jackson, Mich.	20,798	25,180	31,433	48,374	55,187	30,658	36,202	65.6
Jacksonville, Fla.	17,201	28,429	57,699	91,558	129,549	39,960	68,915	53.2
Jersey City, N. J.	163,003	206,433	267,779	298,103	316,715	87,083	100,101	31.6
Johnstown, Pa.	21,805	35,936	55,482	67,327	66,993	34,207	34,687	51.8
Kalamazoo, Mich.	17,853	24,404	39,437	48,487	54,786	27,873	34,009	62.1
Kansas City, Kans.	38,316	51,418	82,331	101,177	121,857	56,575	72,256	59.3
Kansas City, Mo.	132,716	163,752	248,381	324,410	399,746	209,134	270,885	67.8
Kenosha, Wis.	6,532	11,606	21,371	40,472	50,262	11,409	17,232	34.3
Knoxville, Tenn.	22,535	32,637	36,346	77,818	105,802	65,558	85,432	80.7
Lakewood, Ohio		3,355	15,181	41,732	70,509	20,557	38,279	54.3
Lancaster, Pa.	32,011	41,459	47,227	53,150	59,949	42,126	48,468	80.8
Lansing, Mich.	13,102	16,485	31,229	57,327	78,397	38,373	54,461	69.5
Lawrence, Mass.	44,654	62,559	85,892	94,270	85,068	12,325	14,039	16.5
Lincoln, Nebr.	55,154	40,169	43,973	54,948	75,933	33,381	50,501	66.5
Little Rock, Ark.	25,874	38,307	45,941	65,142	81,679	40,851	55,838	68.4
Long Beach, Calif.	564	2,252	17,809	55,593	142,032	37,888	99,992	70.4
Los Angeles, Calif.	50,395	102,479	319,198	576,673	1,238,048	294,458	618,028	49.9
Louisville, Ky.	161,129	204,731	223,928	234,891	307,745	139,403	212,121	68.9
Lowell, Mass.	77,696	94,969	106,294	112,759	100,234	24,676	26,929	26.9
Lynn, Mass.	55,727	68,513	89,336	99,148	102,320	33,988	34,370	33.6
Macon, Ga.	22,746	23,272	40,665	52,995	53,829	27,923	29,199	54.2
Madison, Wis.	13,426	19,164	25,531	38,378	57,899	19,145	35,085	60.6
Malden, Mass.	23,031	33,664	44,404	49,103	58,036	15,087	17,823	30.7
Manchester, N. H.	44,126	56,987	70,063	78,384	76,834	18,851	21,377	27.8
McKeesport, Pa.	20,741	34,227	42,694	46,781	54,632	16,284	20,368	37.3
Medford, Mass.	11,079	18,244	23,150	39,038	59,714	15,463	21,319	35.7
Memphis, Tenn.	64,495	102,320	131,105	162,351	253,143	82,795	137,074	54.1
Miami, Fla.		*1,681*	*5,471*	*29,571*	*110,637*	*14,348*	*64,072*	*57.9*
Milwaukee, Wis.	204,468	285,315	373,857	457,147	578,249	130,845	217,729	37.7
Minneapolis, Minn.	164,738	202,718	301,408	380,582	464,356	133,178	194,704	41.9
Mobile, Ala.	31,076	38,469	51,521	60,777	68,202	29,060	36,326	53.3
Montgomery, Ala.	21,883	30,346	38,136	43,464	66,079	21,145	33,734	51.1
Mount Vernon, N. Y.	10,830	21,228	30,919	42,726	61,499	15,010	20,386	33.1
Nashville, Tenn.	76,168	80,865	110,364	118,342	153,866	74,022	103,757	67.4
Newark, N. J.	181,830	246,070	347,469	414,524	442,337	113,413	108,574	24.5
New Bedford, Mass.	40,733	62,442	96,652	121,217	112,597	20,008	22,164	19.7
New Britain, Conn.	16,519	25,998	43,916	59,316	68,128	11,161	13,600	20.0
New Haven, Conn.	81,298	108,027	133,605	162,537	162,655	44,401	44,770	27.5
New Orleans, La.	242,039	287,104	339,075	387,219	458,762	190,641	242,282	52.8
New Rochelle, N. Y.	9,057	14,720	28,867	36,213	54,000	11,730	18,292	33.9
Newton, Mass.	24,379	33,587	39,806	46,054	65,276	20,148	29,631	45.4
New York, N. Y.[2]	2,507,414	3,437,202	4,766,883	5,620,048	6,930,446	1,164,834	1,505,200	21.7
Niagara Falls, N. Y.		19,457	30,445	50,760	75,460	13,477	20,596	27.3
Norfolk, Va.	34,871	46,624	67,452	115,777	129,710	57,759	72,687	56.0
Oakland, Calif.	48,682	66,960	150,174	216,261	284,063	90,279	131,755	46.4
Oak Park, Ill.			19,444	39,858	63,982	20,206	34,034	53.2
Oklahoma City, Okla.	4,151	10,037	64,205	91,295	185,389	71,446	154,179	83.2
Omaha, Nebr.	140,452	102,555	124,096	191,601	214,006	86,525	108,433	50.7
Pasadena, Calif.	4,882	9,117	30,291	45,354	76,086	27,966	44,797	58.9
Passaic, N. J.	13,028	27,777	54,773	63,841	62,959	8,816	9,888	15.7

[1] Includes Indians, Chinese, Japanese, and other nonwhites.
[2] Population shown is for New York City as now constituted.

IN 1930 OVER 50,000 INHABITANTS—Continued

Native white, foreign or mixed parentage			Foreign-born white			Negro and other races [1]			Sex, 1930		City
Number		Per cent, 1930	Number		Per cent, 1930	Number		Per cent, 1930	Male	Female	
1920	1930		1920	1930		1920	1930				
2,738	12,660	20.2	1,561	5,762	9.2	205	1,097	1.7	29,785	32,951	Glendale.
52,038	58,865	34.9	28,355	27,240	16.2	1,162	3,037	1.8	82,340	86,252	Grand Rapids.
354	957	1.8	168	472	.9	5,975	14,054	26.2	25,560	28,003	Greensboro.
8,473	7,909	15.2	2,663	2,183	4.2	1,338	1,972	3.8	26,110	26,066	Hamilton.
12,765	19,552	30.3	8,118	9,687	15.0	168	715	1.1	33,639	30,921	Hammond.
21,458	27,901	49.6	23,062	20,025	35.6	2,022	4,157	7.4	30,096	26,172	Hamtramck.
7,242	8,014	10.0	4,144	3,704	4.6	5,203	6,417	8.0	38,833	41,506	Harrisburg.
52,687	67,357	41.1	40,667	44,528	27.1	4,355	6,605	4.0	80,015	84,057	Hartford.
13,780	14,239	26.9	12,661	14,362	27.1	444	1,279	2.4	27,367	25,592	Highland Park.
20,945	24,221	40.9	23,496	21,160	35.7	252	508	.9	32,634	26,627	Hoboken.
28,782	26,939	47.6	20,255	16,232	28.7	172	145	.3	26,918	29,619	Holyoke.
19,823	29,702	10.2	12,012	11,293	3.9	34,008	77,665	26.6	145,962	146,390	Houston.
1,834	2,974	3.9	732	1,097	1.5	2,891	4,647	6.1	37,081	38,491	Huntington.
43,156	40,975	11.3	16,958	13,740	3.8	34,783	44,097	12.1	176,647	187,514	Indianapolis.
10,058	22,258	39.2	5,508	13,239	23.3	108	135	.2	28,174	28,559	Irvington.
11,556	12,070	21.9	5,316	5,071	9.2	844	1,844	3.3	28,072	27,115	Jackson.
6,118	8,052	6.2	3,894	4,353	3.4	41,586	48,229	37.2	62,018	67,531	Jacksonville.
126,945	133,473	42.1	75,981	70,313	22.2	8,094	12,828	4.1	159,315	157,400	Jersey City.
19,307	21,060	31.4	12,142	9,478	14.1	1,671	1,768	2.6	33,579	33,414	Johnstown.
12,627	13,300	24.3	7,207	6,440	11.8	780	1,037	1.9	26,931	27,855	Kalamazoo.
18,472	19,312	15.8	11,656	7,893	6.2	14,474	22,696	18.6	60,867	60,990	Kansas City, Kans.
57,063	62,578	15.7	27,320	24,278	6.1	30,893	42,005	10.5	194,542	205,204	Kansas City, Mo.
16,235	20,520	40.8	12,714	12,257	24.4	114	253	.5	25,743	24,519	Kenosha.
2,141	2,449	2.3	812	824	.8	11,307	17,097	16.2	50,973	54,820	Knoxville.
13,809	22,424	31.8	7,255	9,647	13.7	111	159	.2	33,475	37,034	Lakewood.
7,387	7,405	12.4	2,714	2,778	4.6	923	1,208	2.2	28,618	31,331	Lancaster.
12,244	15,848	20.2	5,985	6,630	8.5	725	1,458	1.9	39,785	38,612	Lansing.
42,604	42,172	49.6	39,063	28,633	33.7	278	224	.3	41,502	43,566	Lawrence.
13,437	17,608	23.2	7,198	6,525	8.6	932	1,299	1.7	36,048	39,885	Lincoln.
5,008	4,743	5.8	1,798	1,373	1.7	17,485	19,725	24.1	38,609	43,070	Little Rock.
10,353	25,920	18.3	6,799	13,255	9.3	553	2,856	2.0	68,256	73,776	Long Beach.
140,349	273,708	22.1	112,057	181,848	14.7	29,809	164,464	13.3	610,678	627,370	Los Angeles.
43,745	39,243	12.8	11,621	8,983	2.9	40,122	47,398	15.4	148,084	159,661	Louisville.
49,703	46,994	46.9	38,040	26,120	26.1	250	182	.2	47,386	52,848	Lowell.
36,361	39,954	39.0	27,858	27,091	26.5	941	905	.9	49,891	52,429	Lynn.
1,277	1,010	1.9	698	455	.8	23,097	23,165	43.0	24,767	20,062	Macon.
14,068	17,127	29.6	4,852	5,274	9.1	313	413	.7	27,536	30,363	Madison.
19,365	23,595	40.7	14,105	15,964	27.5	546	654	1.1	27,728	30,308	Malden.
31,939	33,462	43.6	27,516	21,944	28.6	78	51	.1	36,818	40,016	Manchester.
17,678	21,032	38.5	11,870	11,122	20.4	940	2,110	3.9	27,994	26,638	McKeesport.
14,470	24,109	40.4	8,554	13,672	22.9	551	614	1.0	28,872	30,842	Medford.
12,543	14,192	5.6	5,775	5,262	2.1	61,238	96,615	38.2	120,581	132,562	Memphis.
3,358	13,171	11.9	2,563	8,218	7.4	9,302	25,176	22.8	54,620	56,008	Miami.
213,911	241,695	41.8	110,068	109,383	18.9	2,323	9,442	1.6	290,648	287,601	Milwaukee.
155,155	183,941	39.6	88,032	80,834	17.4	4,217	4,877	1.1	225,547	238,809	Minneapolis.
5,788	5,288	7.8	2,006	1,992	2.9	23,923	24,596	36.1	32,606	35,536	Mobile.
1,725	1,740	2.6	761	631	1.0	19,333	29,974	45.4	30,635	35,444	Montgomery.
16,258	23,163	37.7	10,090	14,279	23.2	1,368	3,671	6.0	29,634	31,865	Mount Vernon.
6,294	5,480	3.6	2,387	1,788	1.2	35,639	42,841	27.8	71,945	81,921	Nashville.
166,807	178,818	40.4	117,003	115,204	26.0	17,301	39,741	9.0	223,763	218,574	Newark.
47,355	49,371	43.8	48,689	37,333	33.2	5,075	3,729	3.3	54,137	58,460	New Bedford.
26,602	33,418	49.1	21,230	20,746	30.5	323	364	.5	34,294	33,834	New Britain.
67,729	72,393	44.5	45,686	40,091	24.6	4,721	5,401	3.3	79,540	83,106	New Haven.
69,283	65,766	14.3	25,992	19,681	4.3	101,303	131,033	28.6	219,250	239,512	New Orleans.
13,349	18,416	34.1	8,457	12,556	23.3	2,677	4,736	8.8	26,762	27,238	New Rochelle.
15,148	21,418	32.8	10,179	13,557	20.8	579	670	1.0	29,372	35,904	Newton.
2,303,032	2,788,625	40.2	1,991,547	2,293,400	33.1	160,585	343,221	5.0	3,472,956	3,457,490	New York.[6]
18,874	29,385	38.9	17,886	24,467	32.4	523	1,012	1.3	38,778	36,682	Niagara Falls.
7,880	8,488	6.5	6,587	4,339	3.3	43,551	44,196	34.1	65,049	64,661	Norfolk.
68,503	86,230	30.4	45,162	49,488	17.4	12,257	16,590	5.8	142,434	141,029	Oakland.
13,829	21,353	33.4	5,634	8,411	13.1	189	184	.3	30,058	33,924	Oak Park.
7,948	11,711	6.3	3,477	3,143	1.7	8,424	16,356	8.8	93,751	91,038	Oklahoma City.
59,140	64,436	30.1	35,381	28,788	13.5	10,555	12,349	5.8	105,896	108,110	Omaha.[6]
9,011	14,472	19.0	6,785	9,874	13.0	1,592	6,943	9.1	38,740	42,346	Pasadena.
28,042	29,856	47.4	26,365	21,338	33.9	618	1,877	3.0	31,324	31,635	Passaic.

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

No. 20.—Population Statistics of Cities Having

City	Total population					Native white, native parentage		
						Number		Per cent, 1930
	1890	1900	1910	1920	1930	1920	1930	
Paterson, N. J.	78,347	105,171	125,600	135,875	138,513	31,824	33,838	24.4
Pawtucket, R. I.	27,633	39,231	51,622	64,248	77,149	14,780	20,394	26.4
Peoria, Ill.	41,024	56,100	66,950	76,121	104,969	46,213	73,759	70.3
Philadelphia, Pa.	1,046,964	1,293,697	1,549,008	1,823,779	1,950,961	698,782	740,598	38.0
Pittsburgh, Pa.	[7]343,904	[7]451,512	533,905	588,343	669,817	216,530	272,182	40.6
Pontiac, Mich.	6,200	9,769	14,532	34,273	64,928	20,031	38,178	58.8
Port Arthur, Tex.	----------	900	7,663	22,251	50,902	14,702	34,121	67.0
Portland, Me.	36,425	50,145	58,571	60,272	70,810	35,960	38,318	54.1
Portland, Oreg.	46,385	90,426	207,214	258,288	301,815	136,216	166,874	55.3
Providence, R. I.	132,146	175,597	224,326	237,595	252,981	63,728	70,772	28.0
Pueblo, Colo.	24,558	28,157	41,747	43,050	50,096	23,506	30,031	59.9
Quincy, Mass.	16,723	23,899	32,642	47,876	71,983	14,845	25,889	36.0
Racine, Wis.	21,014	29,102	38,002	58,593	67,542	17,211	25,049	37.1
Reading, Pa.	58,661	78,961	96,071	107,784	111,171	81,000	79,807	71.8
Richmond, Va.	81,388	85,050	127,628	171,667	182,929	102,956	115,536	63.2
Roanoke, Va.	16,159	21,495	34,874	50,842	69,206	39,000	54,153	78.2
Rochester, N. Y.	133,896	162,608	218,149	295,750	328,132	111,976	127,435	38.8
Rockford, Ill.	23,584	31,051	45,401	65,651	85,864	24,141	36,558	42.6
Sacramento, Calif.	26,386	29,282	44,696	65,908	93,750	32,696	47,436	50.6
Saginaw, Mich.	46,322	42,345	50,510	61,903	80,715	25,805	36,841	45.6
St. Joseph, Mo.	52,324	102,979	77,403	77,939	80,935	53,531	60,694	75.0
St. Louis, Mo.	451,770	575,238	687,029	772,897	821,960	359,482	438,592	53.4
St. Paul, Minn.	133,156	163,065	214,744	234,698	271,606	77,378	111,617	41.1
Salt Lake City, Utah	44,843	53,531	92,777	118,110	140,267	56,234	78,951	56.3
San Antonio, Tex.	37,673	53,321	96,614	161,379	231,542	76,209	99,602	43.0
San Diego, Calif.	16,159	17,700	39,578	74,361	147,995	41,333	86,933	58.8
San Francisco, Calif.	298,997	342,782	416,912	506,676	634,394	167,179	235,298	37.1
San Jose, Calif.	18,060	21,500	28,946	39,642	57,651	18,011	27,497	47.7
Savannah, Ga.	43,189	54,244	65,064	83,252	85,024	34,420	37,846	44.5
Schenectady, N. Y.	19,662	31,682	72,826	88,723	95,692	35,897	40,845	42.7
Scranton, Pa.	75,215	102,026	129,867	137,783	143,433	48,715	55,352	38.6
Seattle, Wash.	42,837	80,671	237,194	315,312	365,583	139,701	174,322	47.7
Shreveport, La.	11,979	16,013	28,015	43,874	76,655	22,747	43,901	57.3
Sioux City, Iowa	37,806	33,111	47,828	71,227	79,183	38,751	47,745	60.3
Somerville, Mass.	40,152	61,643	77,236	93,091	103,908	32,289	31,351	30.2
South Bend, Ind.	21,819	35,999	53,684	70,983	104,193	33,915	57,618	55.3
Spokane, Wash.	19,922	36,848	104,402	104,437	115,514	57,324	67,434	58.4
Springfield, Ill.	24,963	34,159	51,678	59,183	71,864	35,255	46,294	64.4
Springfield, Mass.	44,179	62,059	88,926	129,614	149,900	48,945	58,056	38.7
Springfield, Mo.	21,850	23,267	35,201	39,631	57,527	33,852	51,522	89.6
Springfield, Ohio	31,895	38,253	46,921	60,840	68,743	43,037	50,973	74.2
Syracuse, N. Y.	88,143	108,374	137,249	171,717	209,326	80,072	101,920	48.7
Tacoma, Wash.	36,006	37,714	83,743	96,965	106,817	44,057	52,217	48.9
Tampa, Fla.	5,532	15,839	37,782	51,608	101,161	17,542	43,096	42.6
Terre Haute, Ind.	30,217	36,673	58,157	66,083	62,810	48,976	48,337	77.0
Toledo, Ohio	81,434	131,822	168,497	243,164	290,718	124,055	165,182	56.8
Topeka, Kans.	31,007	33,608	43,684	50,022	64,120	33,594	45,759	71.4
Trenton, N. J.	57,458	73,307	96,815	119,289	123,356	44,195	42,397	34.4
Troy, N. Y.	60,956	60,651	76,813	71,996	72,763	33,080	37,428	51.4
Tulsa, Okla.	----------	1,390	18,182	72,075	141,258	55,660	111,931	79.2
Union City, N. J. [8]	10,643	15,187	21,023	20,651	58,659	5,807	15,098	25.7
Utica, N. Y.	44,007	56,383	74,419	94,156	101,740	33,751	38,293	37.6
Waco, Tex.	14,445	20,686	26,425	38,500	52,848	25,897	37,409	70.8
Washington, D. C. [9]	230,392	278,718	331,069	437,571	486,869	239,488	262,427	53.9
Waterbury, Conn.	28,646	45,859	73,141	91,715	99,902	22,122	26,066	26.1
Wheeling, W. Va.	34,522	38,878	41,641	56,208	61,659	34,059	38,938	63.2
Wichita, Kans.	23,853	24,671	52,450	72,217	111,110	58,052	91,599	82.4
Wilkes-Barre, Pa.	37,718	51,721	67,105	73,833	86,626	28,709	34,538	39.9
Wilmington, Del.	61,431	76,508	87,411	110,168	106,597	56,868	56,638	53.3
Winston-Salem, N. C.	10,729	13,650	22,700	48,395	75,274	26,911	41,499	55.1
Worcester, Mass.	84,655	118,421	145,986	179,754	195,311	50,716	58,699	30.1
Yonkers, N. Y.	32,033	47,931	79,803	100,176	134,646	30,059	41,788	31.0
York, Pa.	20,793	33,708	44,750	47,512	55,254	41,552	48,263	87.3
Youngstown, Ohio	33,220	44,885	79,066	132,358	170,002	46,459	62,605	36.8

[1] Includes Indians, Chinese, Japanese, and other nonwhite.
[7] Includes population of Allegheny, 1890, 105,287; 1900, 129,896.
Source: Bureau of the Census, Department of Commerce.

IN 1930 OVER 50,000 INHABITANTS—Continued

Native white, foreign or mixed parentage			Foreign-born white			Negro and other races[1]			Sex, 1930		City
Number		Per cent, 1930	Number		Per cent, 1930	Number		Per cent, 1930	Male	Female	
1920	1930		1920	1930		1920	1930				
57,285	58,977	42.6	45,145	42,609	30.8	1,621	3,089	2.2	69,178	69,335	Paterson.
28,084	34,226	44.4	21,024	22,218	28.8	360	311	.4	37,314	39,835	Pawtucket.
19,964	21,241	20.2	7,790	6,736	6.4	2,154	3,234	3.1	52,512	52,457	Peoria.
591,471	619,235	31.7	397,927	368,624	18.9	135,599	222,504	11.4	968,281	982,680	Philadelphia.
213,465	233,063	34.8	120,266	109,972	16.3	38,082	55,560	8.3	332,576	337,241	Pittsburgh.
8,429	14,189	21.9	5,185	9,162	14.1	628	3,309	5.2	34,987	29,941	Pontiac.
2,153	3,284	6.5	1,413	1,570	3.1	3,923	11,927	23.4	26,766	24,136	Port Arthur.
19,692	20,502	29.0	13,229	11,671	16.5	382	319	.5	33,831	36,979	Portland, Me.
69,631	80,967	26.8	47,114	48,336	16.0	5,327	5,638	1.9	150,494	151,321	Portland, Oreg.
99,077	111,894	44.2	68,951	64,605	25.5	5,839	5,710	2.3	121,227	131,754	Providence.
10,549	10,378	20.7	7,393	4,722	9.4	1,515	4,965	9.9	25,304	24,792	Pueblo.
19,214	28,371	39.4	13,749	17,652	24.5	68	71	.1	35,439	36,544	Quincy.
24,858	27,602	40.9	16,199	14,288	21.2	325	603	.9	34,444	33,008	Racine.
16,298	19,813	17.8	9,553	9,563	8.6	933	1,988	1.8	54,555	56,616	Reading.
9,981	10,289	5.6	4,637	4,040	2.2	54,093	53,958	29.0	85,715	97,214	Richmond.
1,630	1,850	2.7	869	831	1.2	9,343	12,372	17.9	33,271	35,935	Roanoke.
110,702	123,163	37.5	71,321	74,696	22.8	1,661	2,838	.9	160,261	167,871	Rochester.
23,641	29,862	34.8	17,343	18,164	21.2	526	1,280	1.5	43,429	42,435	Rockford.
18,638	24,214	25.8	10,873	12,612	13.5	3,701	9,488	10.1	49,790	43,960	Sacramento.
24,119	27,803	34.4	11,605	11,093	13.8	374	4,972	6.2	40,894	39,821	Saginaw.
13,758	11,850	14.6	6,423	3,880	4.8	4,227	4,511	5.6	39,681	41,254	St. Joseph.
230,894	207,901	25.3	103,239	80,386	9.8	70,282	95,081	11.6	401,706	420,254	St. Louis.
102,198	110,885	40.8	51,595	44,143	16.3	3,527	4,961	1.8	131,570	140,036	St. Paul.
41,113	41,884	26.9	19,434	17,235	12.3	1,329	2,197	1.6	69,033	71,234	Salt Lake City.
33,854	23,096	10.0	36,646	8,039	3.5	14,580	100,805	43.5	113,676	117,866	San Antonio.
17,660	30,725	20.8	13,241	16,366	11.1	2,127	13,971	9.4	74,200	73,705	San Diego.
182,643	206,285	32.5	140,200	153,386	24.2	16,654	39,425	6.2	338,033	296,361	San Francisco.
12,952	18,637	32.3	7,820	9,631	16.7	859	1,880	3.3	28,277	29,374	San Jose.
6,363	5,772	6.8	3,247	2,451	2.9	39,222	38,955	45.8	39,540	45,484	Savannah.
31,858	33,980	35.5	20,490	20,161	21.1	478	706	.7	48,869	46,323	Schenectady.
59,931	61,888	43.1	28,568	25,430	17.7	569	763	.5	70,061	73,372	Scranton.
89,004	103,251	28.2	73,875	72,975	20.0	12,732	15,035	4.1	186,083	179,500	Seattle.
2,325	3,851	5.0	1,206	1,541	2.0	17,506	27,362	35.7	36,483	40,172	Shreveport.
20,026	21,488	27.1	11,216	8,501	10.7	1,234	1,440	1.8	39,295	39,888	Sioux City.
36,254	42,089	41.1	24,182	20,545	28.4	366	323	.3	50,065	53,843	Somerville.
22,390	29,051	27.9	13,391	14,020	13.5	1,287	3,504	3.4	52,555	51,638	South Bend.
29,230	30,703	26.6	16,826	16,190	14.0	1,057	1,187	1.0	57,816	57,698	Spokane.
14,893	15,978	22.2	6,255	6,245	8.7	2,780	3,347	4.7	34,544	37,320	Springfield.
46,604	55,967	37.3	31,250	32,042	21.8	2,815	3,235	2.2	72,688	77,212	Springfield.
3,137	3,380	5.9	973	838	1.5	1,669	1,787	3.1	27,502	30,025	Springfield.
8,005	7,353	10.7	2,757	2,135	3.1	7,041	8,282	12.0	33,887	34,856	Springfield.
57,979	70,244	33.6	32,321	35,010	16.7	1,345	2,152	1.0	103,080	105,646	Syracuse.
20,330	32,546	30.5	20,563	19,796	18.5	2,409	2,258	2.1	54,154	52,663	Tacoma.
11,837	22,296	22.0	10,666	14,430	14.3	11,563	21,339	21.1	49,747	51,414	Tampa.
9,779	8,320	13.2	3,667	2,665	4.2	3,661	3,488	5.6	30,326	32,484	Terre Haute.
75,185	78,085	26.9	38,145	33,474	11.5	5,779	13,977	4.8	147,091	143,027	Toledo.
8,102	8,548	13.3	4,000	2,295	3.6	4,326	7,518	11.7	30,461	33,659	Topeka.
40,634	46,082	37.4	30,073	26,757	21.7	4,387	8,120	6.6	61,938	61,418	Trenton.
26,827	24,454	33.6	11,477	10,203	14.0	612	678	.9	34,418	38,345	Troy.
5,216	9,275	6.6	2,025	2,600	1.9	9,174	17,362	12.3	70,114	71,144	Tulsa.
8,952	24,959	42.5	5,862	18,535	31.6	30	67	.1	29,116	29,543	Union City.[8]
36,756	41,642	40.9	23,257	21,309	20.9	392	496	.5	49,189	52,551	Utica.
3,098	3,178	6.0	1,767	1,184	2.2	7,738	11,077	21.0	25,516	27,332	Waco.
58,824	61,555	12.6	28,548	29,932	6.1	110,711	132,955	27.3	231,883	254,986	Wash., D. C.[9]
38,695	44,314	44.4	29,894	27,811	27.8	1,004	1,711	1.7	50,299	49,603	Waterbury.
14,720	15,441	25.0	5,796	5,071	8.2	1,633	2,209	3.6	29,852	31,807	Wheeling.
7,550	10,460	9.4	3,021	2,263	2.0	3,594	6,788	6.1	54,174	56,936	Wichita.
30,000	36,486	42.1	14,567	14,688	17.0	557	914	1.1	42,624	44,002	Wilkes-Barre.
26,235	25,029	23.5	16,279	12,502	11.8	10,786	12,138	11.4	53,297	53,300	Wilmington.
442	778	1.0	206	428	.6	20,746	32,569	43.3	35,792	39,482	Winston-Salem.
74,257	84,072	43.0	53,418	51,047	26.1	1,363	1,493	.8	95,488	99,823	Worcester.
42,419	55,381	41.1	25,700	34,065	25.3	1,998	3,412	2.5	66,827	67,819	Yonkers.
3,343	3,470	6.3	1,193	1,245	2.3	1,424	2,276	4.1	26,823	28,431	York.
45,302	59,565	35.0	33,834	32,938	19.4	6,763	14,894	8.8	80,739	83,263	Youngstown.

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

[9] Population shown is for District of Columbia, with which the city is now coextensive.

No. 21.—FOREIGN-BORN POPULATION, ALL RACES, BY COUNTRY OF BIRTH: CONTINENTAL UNITED STATES

Country of birth	Number						Per cent of increase[1]	
	1880	1890	1900	1910	1920	1930	1910–1920	1920–1930
Total foreign born	6,679,943	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149	3.0	2.0
Europe	5,744,311	8,020,608	8,871,780	11,791,841	11,882,053	11,748,399	.8	−1.1
Northwestern Europe	3,494,484	4,339,752	4,202,683	4,239,067	3,880,094	3,728,050	−9.6	−2.7
England	604,160	909,092	840,513	877,719	813,853	809,563	−7.3	−.5
Scotland	170,136	242,231	233,524	261,076	254,570	354,323	−2.5	39.2
Wales	83,302	100,079	93,586	82,488	67,066	60,205	−18.7	−10.2
Northern Ireland	1,854,571	1,371,509	1,615,459	1,352,251	1,037,234	178,832	−23.3	−11.0
Irish Free State						744,810		
Norway	181,729	322,665	336,388	403,877	363,863	347,852	−9.9	−4.4
Sweden	194,337	478,041	582,014	665,207	625,585	595,250	−6.0	−4.8
Denmark and Iceland[2]	64,196	132,543	153,690	181,649	189,154	182,238	4.1	−3.7
Netherlands	58,090	81,828	94,931	120,063	131,766	133,133	9.7	1.0
Belgium[2]	15,535	22,639	29,757	49,400	62,687	64,194	26.9	2.4
Luxemburg	12,836	2,882	3,031	3,071	12,585	9,048	309.8	−28.1
Switzerland	88,621	104,069	115,593	124,848	118,659	113,010	−5.0	−4.8
France[2]	106,971	113,174	104,197	117,418	153,072	135,592	30.4	−11.4
Central and Eastern Europe	2,187,776	3,420,629	4,136,646	6,024,041	6,134,845	5,897,799	1.8	−3.9
Germany[3]	1,966,742	2,784,894	2,663,418	[3] 2,311,237	1,686,108	1,608,814	−27.0	−4.6
Poland[3]	48,557	147,440	383,407	[3] 937,884	1,139,979	1,268,583	21.5	11.3
Czechoslovakia[4]					362,438	491,638		35.6
Austria[2]	124,024	241,377	432,798	[3] 845,555	575,627	370,914	−31.9	−35.6
Hungary[2]	11,526	62,435	145,714	495,609	397,283	274,450	−19.8	−30.9
Yugoslavia[4]					169,439	211,416		24.8
Serbia[5]				4,639				
Montenegro[5]				5,374				
Russia and Lithuania	35,722	182,644	423,720	[3] 1,184,412	1,535,563	1,347,234	29.6	−10.7
Latvia and Estonia						24,223		
Finland			62,641	129,680	149,824	142,478	15.5	−4.9
Rumania[2]			15,032	65,923	102,823	146,393	56.0	42.4
Bulgaria[2]				11,498	10,477	9,399	−8.9	−10.3
Turkey in Europe[3]	[6] 1,205	[6] 1,830	[6] 9,910	[7] 32,230	5,284	2,257	−83.6	−57.3
Southern Europe	58,265	206,648	530,200	1,525,875	1,911,213	2,106,295	25.3	10.2
Greece[2]	776	1,887	8,515	101,282	175,976	174,526	73.7	−.8
Albania				(?)	5,608	8,814		57.2
Italy[2]	44,230	182,580	484,027	1,343,125	1,610,113	1,790,429	19.9	11.2
Spain	5,121	6,185	7,050	22,108	49,535	59,362	124.1	19.8
Portugal	8,138	15,996	30,608	59,360	69,981	73,164	17.9	4.5
Other Europe	3,786	12,579	2,251	2,853	5,901	16,255	106.5	175.5
Asia	107,680	113,396	120,248	191,484	237,950	275,665	24.3	15.8
Armenia, Palestine, Syria, and Turkey in Asia	(8)	(8)	(8)	59,729	102,751	142,184	72.0	38.4
China	104,468	106,701	81,534	56,756	43,560	46,129	−23.3	5.9
Japan	401	2,292	24,788	67,744	81,502	70,993	20.3	−12.9
India	1,707	2,143	2,031	4,664	4,901	5,850	5.1	19.4
Other Asia	1,054	2,260	11,895	2,591	5,236	10,509	102.1	100.7
America	807,280	1,038,245	1,317,380	1,489,231	1,727,017	2,102,209	16.0	21.7
Canada and Newfoundland[3]	717,157	980,938	1,179,922	1,209,717	1,138,174	1,310,369	−5.9	15.1
Canada—								
French[8]		302,406	395,126	385,083	307,786	370,352	−20.1	20.5
Other[8]		678,442	784,796	819,554	817,139	915,537	−.3	12.0
Newfoundland[8]				5,080	13,249	23,980	160.8	81.0
West Indies	16,401	23,256	[9] 25,435	[9] 47,635	[9] 78,962	106,241	65.8	34.5
Mexico	68,399	77,853	103,393	221,915	486,418	641,462	119.2	31.9
Central and South America	5,273	6,198	8,630	9,964	23,463	44,137	135.5	88.1
All other	20,772	27,311	31,868	43,330	73,672	77,876	70.0	5.7

[1] A minus sign (−) denotes decrease.
[2] Boundaries changed between 1910 and 1920. Statistics for 1910 relate to pre-war boundaries.
[3] Persons reported in 1910 as of Polish mother tongue born in Germany (190,096), Austria (329,418), and Russia (418,370) have been deducted from the respective countries and combined as Poland for comparison with number reported in 1920 as born in Poland. Though Poland before 1919 was divided among Russia, Germany, and Austria, the censuses of 1880 to 1900 listed it as a country of birth.
[4] Created since 1910.
[5] Included as part of Yugoslavia in 1920 and 1930.
[6] Turkey in Asia included with Turkey in Europe prior to 1910.
[7] Albania included with Turkey in Europe in 1910 and earlier years.
[8] Newfoundland included with Canada prior to 1910.
[9] Except possessions of the United States.

Source: Bureau of the Census, Department of Commerce.

No. 22.—FOREIGN-BORN WHITE POPULATION, BY COUNTRY OF BIRTH: CONTINENTAL UNITED STATES

Country of birth	1920		1930	
	Number	Per cent	Number	Per cent
Total	13,712,754	100.0	13,366,407	100.0
Europe	11,377,991	83.6	11,740,121	87.8
Northwestern Europe	3,828,276	27.9	3,724,035	27.9
England	812,828	5.9	808,672	6.1
Scotland	254,567	1.9	354,323	2.7
Wales	67,066	.5	60,205	.5
Northern Ireland	1,037,233	7.6	178,832	1.3
Irish Free State			744,810	5.6
Norway	363,862	2.7	347,852	2.6
Sweden	625,580	4.6	595,250	4.5
Denmark	[1] 189,154	[1] 1.4	179,474	1.3
Netherlands	131,766	1.0	133,133	1.0
Belgium	62,686	.5	64,194	.5
Luxemburg	12,585	.1	9,048	.1
Switzerland	118,659	.9	113,010	.8
France	152,890	1.1	135,232	1.0
Central Europe	4,330,880	31.6	4,225,815	31.6
Germany	1,086,102	12.3	1,608,814	12.0
Poland	1,139,978	8.3	1,268,583	9.5
Czechoslovakia	362,436	2.6	491,638	3.7
Austria	675,625	4.2	370,914	2.8
Hungary	397,282	2.9	274,450	2.1
Yugoslavia	169,437	1.2	211,416	1.6
Eastern Europe	1,803,965	13.2	1,671,980	12.5
Russia			1,153,624	8.6
Latvia	1,400,489	10.2	20,673	.2
Estonia			3,550	(2)
Lithuania	135,068	1.0	103,606	1.4
Finland	149,824	1.1	142,478	1.1
Rumania	102,823	.7	146,393	1.1
E. Europe—Contd.				
Bulgaria	10,477	0.1	9,399	0.1
Turkey in Europe	5,284	(2)	2,257	(2)
Southern Europe	1,908,389	13.9	2,093,226	15.7
Greece	175,972	1.3	174,526	1.3
Italy	1,610,109	11.7	1,790,424	13.4
Spain	49,247	.4	58,302	.4
Portugal	67,463	.5	69,974	.5
Other Europe	11,509	.1	25,065	.2
Asia	110,450	.8	157,580	1.2
Turkey in Asia	11,014	.1	46,651	.3
Armenia	36,626	.3	32,166	.2
Palestine and Syria	55,102	.4	63,362	.5
Other Asia	7,708	.1	15,401	.1
America	1,656,801	12.1	1,395,070	10.4
Canada—French	307,786	2.2	370,852	2.8
Other	810,092	5.9	907,569	6.8
Newfoundland	13,242	.1	23,971	.2
Mexico	[3] 478,383	3.5	29,743	.2
Cuba	26,369	.2	15,944	.1
Other West Indies [4]			15,482	.1
Central and South America	20,929	.2	37,509	.3
Other countries	67,512	.5	73,686	.6
Australia	10,801	.1	12,720	.1
Iceland	(1)	(1)	2,764	(2)
Azores	38,984	.3	35,427	.3
Other Atlantic islands			4,052	(2)
All other	17,727	.1	18,673	.1

[1] Iceland included with Denmark.
[2] Less than one-tenth of 1 per cent.
[3] Made up largely of persons who would have been classified as Mexicans in 1930. See note 2, Table 14.
[4] Except possessions of the United States.

No. 23.—URBAN AND RURAL FOREIGN-BORN WHITE POPULATION, BY COUNTRY OF BIRTH: CONTINENTAL UNITED STATES, 1930

Country of birth	Urban	Rural	Per cent urban
Total	10,726,859	2,639,548	80.3
Europe	9,438,606	2,301,515	80.4
Northwestern Europe	2,821,391	902,644	75.8
England	641,200	167,472	79.3
Scotland	295,541	58,782	83.4
Wales	45,968	14,237	76.4
Northern Ireland	150,782	28,050	84.3
Irish Free State	671,727	73,083	90.2
Norway	194,936	152,916	56.0
Sweden	408,032	187,218	68.5
Denmark	107,127	72,347	59.7
Netherlands	80,466	52,667	60.4
Belgium	47,136	17,058	73.4
Luxemburg	5,693	3,355	62.9
Switzerland	67,918	45,092	60.1
France	104,865	30,367	77.5
Central Europe	3,312,950	912,865	78.4
Germany	1,176,950	431,864	73.2
Poland	1,096,114	172,469	86.4
Czechoslovakia	348,261	143,377	70.8
Austria	308,482	62,432	83.2
Hungary	228,642	45,808	83.3
Yugoslavia	154,501	56,915	73.1
Eastern Europe	1,451,825	220,155	86.8
Russia	1,041,178	112,451	90.3
Lithuania	168,090	25,516	86.8
Latvia	18,744	1,929	90.7
Estonia	2,982	568	84.0
Finland	79,867	62,611	56.1
E. Europe—Contd.			
Rumania	131,405	14,928	89.8
Bulgaria	7,346	2,053	78.2
Turkey in Europe	2,158	99	95.6
Southern Europe	1,830,701	262,525	87.5
Greece	159,376	15,150	91.3
Italy	1,573,003	217,421	87.9
Spain	46,181	12,121	79.2
Portugal	52,141	17,833	74.5
Other Europe	21,789	3,326	86.7
Asia	142,569	14,691	90.7
Turkey in Asia	43,272	3,379	92.8
Armenia	28,820	3,337	89.6
Palestine and Syria	57,357	6,005	90.5
Other Asia	13,431	1,970	87.2
America	1,092,246	302,824	78.3
Canada—French	292,564	78,288	78.9
Other	696,174	211,395	76.7
Newfoundland	22,021	1,950	91.9
Mexico	18,596	5,147	78.3
Cuba	15,128	816	94.9
Other West Indies [1]	13,960	1,522	90.2
Cen. and S. America	33,803	3,706	90.1
Other countries	58,118	20,518	72.1
Australia	10,208	2,512	80.3
Iceland	1,348	1,416	48.8
Azores	23,382	12,045	66.0
Other Atlantic islands	3,427	625	84.6
All other	14,753	3,920	79.0

[1] Except possessions of the United States.

Source of Tables 22 and 23: Bureau of the Census, Department of Commerce.

No. 24.—FOREIGN-BORN WHITES BY

Division and State	Total foreign-born white	Northwestern Europe										
		United Kingdom				Irish Free State	Norway	Sweden	Denmark	Netherlands	Belgium
		England	Scotland	Wales	Northern Ireland						
Continental United States	13,366,407	803,872	354,323	60,205	178,832	744,810	347,352	595,250	179,474	133,133	64,194
New England	1,834,310	135,490	54,226	2,834	33,527	193,113	8,380	66,023	7,625	2,814	3,884
Maine	100,368	4,463	1,906	137	827	3,288	534	1,882	840	41	51
New Hampshire	82,660	3,922	1,728	72	1,010	4,807	396	1,608	166	163	523
Vermont	43,061	1,929	1,464	462	377	1,429	127	1,089	140	34	22
Massachusetts	1,054,636	78,418	32,724	1,358	20,378	138,366	5,454	36,810	3,070	1,800	1,956
Rhode Island	170,714	24,606	6,401	224	3,845	13,895	543	6,181	280	138	907
Connecticut	382,871	22,062	10,013	581	7,090	31,328	1,306	18,453	3,129	548	425
Middle Atlantic	5,289,042	276,133	137,861	26,336	92,559	361,502	55,697	91,045	26,978	30,960	12,682
New York	3,101,549	146,485	67,623	7,037	41,521	251,704	44,882	61,233	17,407	14,909	6,144
New Jersey	844,442	51,620	34,721	1,532	15,750	47,486	7,870	13,300	6,665	14,762	2,874
Pennsylvania	1,233,051	78,019	35,517	17,767	35,288	62,312	2,945	16,452	2,906	1,289	3,674
East North Central	3,223,924	170,013	84,579	14,536	23,322	93,881	74,228	165,785	42,397	57,443	33,053
Ohio	644,151	40,665	17,862	6,897	5,028	17,879	1,650	7,390	2,184	2,235	1,846
Indiana	135,134	7,465	3,898	934	1,045	3,931	730	4,666	964	1,992	3,254
Illinois	1,218,158	50,685	24,839	3,277	10,054	57,208	30,256	111,016	18,945	14,828	11,564
Michigan	849,268	62,721	35,257	2,236	6,138	11,390	7,201	23,905	7,210	32,128	13,931
Wisconsin	386,213	8,477	2,723	1,241	1,057	3,473	34,391	18,808	13,094	6,260	2,458
West North Central	1,059,277	38,641	13,035	3,882	6,750	23,983	131,904	147,988	50,193	20,532	5,590
Minnesota	388,294	8,445	3,241	582	1,403	5,095	71,562	90,623	13,831	4,832	1,701
Iowa	165,735	9,045	2,871	1,183	1,778	4,179	12,932	16,810	14,698	10,135	932
Missouri	149,390	7,919	2,419	573	1,308	8,561	575	3,895	1,497	706	859
North Dakota	105,148	1,592	891	111	329	863	31,337	8,470	2,936	658	238
South Dakota	66,648	2,159	612	265	351	862	13,061	6,540	5,298	3,068	239
Nebraska	115,340	4,213	1,223	383	801	2,502	1,691	14,335	10,210	620	523
Kansas	69,716	5,268	1,778	785	780	1,921	746	7,315	1,723	513	1,098
South Atlantic	304,278	25,673	8,859	1,797	3,637	12,163	2,591	4,940	2,339	1,624	1,397
Delaware	16,885	1,302	552	45	900	1,364	141	294	99	56	29
Maryland	95,093	5,067	1,920	477	813	4,032	703	764	464	343	152
Dist. of Columbia	29,932	2,335	884	116	493	3,026	228	435	229	151	92
Virginia	23,820	3,088	1,239	132	375	789	318	467	339	264	101
West Virginia	51,520	3,282	1,267	607	222	659	57	303	75	42	690
North Carolina	8,788	1,208	477	35	63	253	95	100	65	201	19
South Carolina	5,266	470	179	13	90	185	65	106	39	24	52
Georgia	13,917	1,328	534	33	147	546	125	266	108	67	45
Florida	59,057	7,084	1,797	289	534	1,309	859	2,145	921	476	217
East South Central	57,665	5,059	1,941	377	567	2,758	447	1,246	476	295	184
Kentucky	21,840	1,478	524	114	191	1,656	46	170	72	112	59
Tennessee	13,066	1,351	433	104	160	491	68	232	123	56	28
Alabama	15,710	1,760	860	141	162	413	265	638	182	95	60
Mississippi	7,049	470	124	18	54	198	68	206	99	32	37
West South Central	170,232	11,193	3,241	612	1,212	4,921	2,292	5,534	2,319	1,044	1,009
Arkansas	10,173	800	229	51	109	354	72	249	138	80	78
Louisiana	34,910	1,512	435	66	234	970	487	433	315	220	307
Oklahoma	26,753	2,099	866	235	262	690	243	835	516	166	217
Texas	98,396	6,782	1,711	260	616	2,907	1,490	4,017	1,350	578	407
Mountain	287,914	33,070	10,934	3,385	3,173	10,252	15,350	25,889	13,246	5,038	1,343
Montana	72,961	6,020	2,721	580	1,095	3,050	8,991	5,655	2,541	1,253	509
Idaho	30,454	3,252	1,025	355	284	616	2,148	4,200	1,607	341	118
Wyoming	19,658	2,105	1,424	222	179	584	647	1,783	775	101	139
Colorado	85,406	6,391	2,877	1,061	900	3,184	1,261	8,828	2,374	810	390
New Mexico	7,707	648	354	99	91	218	119	263	101	64	34
Arizona	15,591	2,309	579	139	235	653	295	778	364	100	50
Utah	43,772	10,851	1,669	862	234	584	1,698	4,389	4,883	2,325	79
Nevada	12,275	994	285	67	155	463	191	443	541	44	24
Pacific	1,159,765	113,400	39,647	6,397	14,085	42,237	56,483	86,850	33,901	13,383	5,042
Washington	244,256	20,304	8,024	1,094	2,154	4,942	31,429	34,084	7,175	3,484	1,242
Oregon	105,475	8,077	3,320	592	1,039	2,802	7,450	11,032	3,551	1,002	681
California	810,034	85,019	27,803	4,111	10,892	34,493	17,604	41,734	23,175	8,897	3,119

COUNTRY OF BIRTH, BY STATES, 1930

Northwestern Europe—Continued			Central Europe						Eastern Europe			Division and State
Luxemburg	Switzerland	France	Germany	Poland	Czechoslovakia	Austria	Hungary	Yugoslavia	Russia	Lithuania	Latvia	
9,048	113,010	135,282	1,608,814	1,266,583	491,638	370,914	274,450	211,416	1,153,624	193,606	26,673	U. S.
76	3,641	11,723	50,005	136,774	16,024	11,946	11,107	1,334	103,810	41,753	2,906	N. E.
5	51	314	818	1,706	241	230	30	16	1,880	1,121	92	Me.
2	82	299	1,517	4,101	132	174	47	36	1,427	1,084	46	N. H.
1	158	182	577	1,562	191	132	156	71	660	160	21	Vt.
31	1,272	6,026	20,538	71,442	2,966	4,266	905	305	67,684	25,219	2,315	Mass.
11	204	2,013	3,090	8,696	274	838	133	24	5,890	922	93	R. I.
26	1,774	2,889	23,465	49,267	12,220	6,306	9,836	882	25,769	13,247	330	Conn.
867	30,985	52,449	572,571	619,628	199,705	216,000	136,753	54,662	659,250	69,382	9,052	M. A.
532	16,571	32,145	349,196	350,383	56,176	142,298	70,631	10,917	481,306	22,933	5,971	N. Y.
117	8,765	10,520	112,753	102,573	32,358	24,010	32,332	3,643	62,152	9,870	1,194	N. J.
218	5,649	9,784	110,622	166,672	111,171	49,692	33,790	40,102	115,792	37,079	1,887	Pa.
3,976	27,066	24,101	524,437	416,669	190,709	83,600	100,773	102,437	175,168	67,872	4,451	E. N. C.
163	7,624	5,746	95,697	64,493	68,738	20,547	47,026	38,884	32,627	7,581	721	Ohio.
56	1,624	2,160	28,152	17,482	8,325	2,709	7,674	6,646	4,749	2,109	116	Ind.
2,786	7,315	10,155	190,605	173,007	76,420	33,336	20,395	28,173	87,026	44,733	2,609	Ill.
375	2,834	4,581	81,714	119,228	17,646	13,299	19,188	16,408	34,348	9,340	674	Mich.
596	7,669	1,459	128,269	42,359	19,580	12,709	6,490	12,266	16,418	4,109	331	Wis.
2,374	11,660	7,329	228,951	34,419	46,005	22,924	7,295	17,049	83,728	3,837	684	W. N. C.
1,032	2,041	1,246	59,993	15,015	11,415	7,288	1,681	8,888	11,902	1,283	255	Minn.
873	2,096	1,435	53,901	1,875	8,280	1,596	295	1,306	4,482	835	66	Iowa.
54	3,578	2,353	42,276	8,324	4,495	7,926	3,434	2,753	15,580	805	167	Mo.
202	369	237	10,114	2,123	1,869	1,407	898	336	22,617	121	33	N.Dak.
380	618	229	12,739	717	2,580	678	231	223	9,023	46	7	S.Dak.
204	1,364	558	32,544	4,445	14,313	1,863	372	762	11,234	589	145	Nebr.
129	1,594	1,271	17,384	1,915	3,044	2,104	334	2,781	8,781	158	11	Kans.
85	2,248	3,950	38,225	28,239	8,309	7,578	6,737	3,065	35,870	5,681	1,384	S. A.
------	75	147	1,459	2,954	159	435	157	7	1,450	90	29	Del.
19	497	773	18,925	12,027	3,344	2,634	1,219	275	18,782	3,422	624	Md.
8	360	707	3,411	1,562	193	493	228	55	4,914	256	142	D. C.
3	191	365	2,505	1,221	927	492	560	67	2,989	400	261	Va.
11	398	546	3,129	5,545	2,831	2,254	3,683	2,440	2,209	1,009	71	W.Va.
4	87	156	903	319	50	146	70	9	758	121	31	N.C.
1	26	76	747	510	52	74	32	13	556	60	49	S. C.
------	114	278	1,682	1,156	115	225	136	39	2,200	155	115	Ga.
39	500	902	5,464	945	638	825	652	160	2,012	168	62	Fla.
19	1,581	1,462	12,188	2,711	878	1,239	1,093	550	5,023	424	182	E. S. C.
4	915	583	7,552	899	194	484	557	201	1,629	186	40	Ky.
3	443	217	1,783	960	131	223	208	25	1,803	106	66	Tenn.
7	150	466	2,114	556	483	386	284	135	1,067	88	49	Ala.
5	53	196	739	296	70	146	44	189	524	44	27	Miss.
93	2,681	5,698	38,411	6,600	14,886	4,590	1,241	1,141	10,856	580	247	W. S. C.
7	518	254	2,989	394	404	293	67	118	401	52	10	Ark.
10	260	2,935	3,616	655	332	467	361	397	1,376	31	23	La.
31	493	717	5,893	1,162	1,867	530	191	162	3,613	189	74	Okla.
45	1,410	1,792	25,913	4,589	12,282	3,300	622	464	5,467	308	140	Tex.
236	5,593	4,071	28,731	5,125	5,018	6,002	1,572	12,133	20,866	614	136	Mt.
108	901	653	6,155	1,144	1,714	1,435	360	3,877	4,212	175	19	Mont.
41	1,038	381	3,427	227	541	399	106	489	1,153	18	4	Idaho.
7	250	359	1,714	604	521	457	175	1,322	1,375	35	6	Wyo.
51	1,202	1,072	9,988	2,488	1,714	2,408	690	3,650	12,979	262	61	Colo.
5	117	259	986	97	143	316	59	490	219	24	4	N.Mex.
12	279	303	1,483	253	178	341	94	784	463	58	18	Ariz.
9	1,419	261	4,104	230	119	410	72	989	342	36	15	Utah.
3	387	783	974	82	88	176	16	532	122	6	8	Nev.
822	27,675	24,449	115,295	20,318	10,105	18,035	7,879	19,045	59,554	2,963	1,682	Pac.
263	3,578	1,986	20,542	3,942	2,202	3,128	579	4,761	9,229	868	276	Wash.
122	4,034	1,144	12,913	2,086	1,691	1,664	404	1,541	6,278	319	167	Oreg.
437	20,063	21,319	81,840	14,290	6,212	13,243	6,896	12,743	44,047	1,776	1,189	Calif.

No. 24.—Foreign-Born Whites by Country

Division and State	Eastern Europe—Continued					Southern Europe				Other Europe [1]	Asia	
	Estonia	Finland	Rumania	Bulgaria	Turkey in Europe	Greece	Italy	Spain	Portugal		Armenia	Palestine and Syria
Continental United States.	3,550	142,478	146,393	9,399	2,257	174,526	1,790,424	58,302	69,974	25,065	32,166	63,362
New England	182	18,503	3,424	238	311	25,423	253,098	2,363	35,674	4,643	10,687	11,504
Maine	4	1,406	27	5	16	748	2,359	40	78	261	134	486
New Hampshire	3	1,386	35	15	7	3,233	1,938	20	247	204	151	413
Vermont	5	555	15	4	------	225	3,082	478	46	9	14	274
Massachusetts	89	13,077	1,689	116	217	16,780	126,103	798	24,840	3,116	7,705	7,403
Rhode Island	10	448	480	48	38	1,100	32,493	110	8,118	282	1,909	1,249
Connecticut	71	1,631	1,178	50	33	3,337	87,123	917	2,345	771	774	1,679
Middle Atlantic	1,949	22,290	72,826	1,544	1,043	51,053	1,046,159	25,517	10,052	8,604	8,412	21,484
New York	1,505	17,444	51,014	978	849	33,387	629,322	17,695	5,106	4,595	4,874	13,024
New Jersey	234	2,721	6,686	124	77	6,020	190,858	4,982	3,655	1,040	1,947	2,939
Pennsylvania	210	2,125	15,126	442	117	11,646	225,979	2,840	1,291	2,969	1,591	5,521
East North Central	401	42,948	48,871	4,914	424	49,101	244,504	4,563	646	7,500	5,927	12,598
Ohio	81	5,633	19,580	1,686	96	12,050	71,496	1,556	185	1,562	468	4,496
Indiana	10	265	3,292	403	11	4,087	6,873	597	88	362	127	783
Illinois	127	4,302	13,172	1,037	99	20,003	110,449	1,030	102	1,449	1,635	1,551
Michigan	123	27,022	11,482	1,594	201	10,061	43,087	1,324	131	3,757	3,322	5,219
Wisconsin	60	5,724	1,345	194	17	2,900	12,599	56	40	370	375	549
West North Central	58	26,328	9,012	692	34	8,018	31,653	659	32	1,082	267	3,294
Minnesota	30	24,360	2,819	238	7	1,765	6,401	42	5	138	60	705
Iowa	4	70	284	159	2	1,910	3,834	22	1	69	68	580
Missouri	9	100	2,321	151	19	2,405	15,204	460	14	547	86	889
North Dakota	7	873	2,518	39	------	303	102	8	1	27	22	239
South Dakota	3	825	410	46	3	279	305	7	1	25	3	233
Nebraska	3	43	336	30	3	822	3,642	18	4	140	24	395
Kansas	2	52	324	29	------	534	2,165	102	6	86	4	253
South Atlantic	119	1,191	2,743	213	108	11,449	39,512	6,277	393	762	323	4,818
Delaware	11	50	91	2	4	339	3,769	121	7	33	3	7
Maryland	39	376	811	16	6	1,617	10,872	281	33	185	30	133
Dist. of Columbia	2	60	160	16	25	1,347	4,330	148	23	85	68	305
Virginia	9	68	172	9	23	1,285	1,853	111	57	104	133	569
West Virginia	6	144	667	121	12	2,479	12,088	1,372	49	172	16	1,317
North Carolina	4	9	33	7	6	1,006	438	21	9	37	2	701
South Carolina	2	38	21	1	6	627	188	19	3	30	------	413
Georgia	6	104	143	8	12	1,197	712	79	90	46	23	411
Florida	40	333	645	33	12	1,552	5,262	4,125	122	70	48	962
East South Central	12	154	464	43	22	2,304	7,288	213	39	259	32	1,801
Kentucky	------	27	202	20	14	466	1,539	97	26	75	8	447
Tennessee	------	24	98	3	3	528	1,946	17	3	93	13	133
Alabama	11	51	133	16	5	968	2,140	68	7	55	8	508
Mississippi	1	52	31	4	------	342	1,613	31	3	36	3	713
West South Central	58	297	847	220	37	3,331	22,185	1,437	104	607	53	3,821
Arkansas	2	10	36	33	2	312	952	7	1	31	4	227
Louisiana	23	82	127	29	12	574	13,526	666	52	135	15	954
Oklahoma	------	25	140	109	------	642	1,157	50	12	71	10	838
Texas	28	180	544	49	23	1,803	6,550	714	39	370	24	1,802
Mountain	84	5,765	1,436	640	20	6,718	23,774	3,480	224	258	193	1,207
Montana	29	2,700	641	197	1	840	2,840	67	14	67	43	166
Idaho	9	858	110	29	1	414	1,153	1,086	18	12	14	45
Wyoming	10	633	55	68	2	588	1,653	119	23	18	24	49
Colorado	13	563	450	271	9	1,230	10,670	210	15	77	35	281
New Mexico	6	41	20	11	------	292	1,259	152	4	14	2	193
Arizona	12	300	75	18	2	356	522	473	21	24	14	299
Utah	3	507	64	37	5	2,197	2,814	274	8	36	37	151
Nevada	2	163	20	9	------	499	2,563	1,099	121	8	24	23
Pacific	692	25,004	6,771	390	260	17,131	122,261	13,793	22,910	1,402	6,272	2,685
Washington	149	11,002	787	247	76	2,881	10,274	280	114	219	113	294
Oregon	107	5,507	843	174	17	1,575	4,728	497	101	61	47	198
California	436	8,495	5,141	469	167	12,675	107,249	13,016	22,695	1,122	6,112	2,343

[1] Comprises Albania, Danzig, and "Europe, not specified."
[2] Comprises Hedjaz, India, China, Japan, and "Asia, not specified."
Source: Bureau of the Census, Department of Commerce.

OF BIRTH, BY STATES 1930—Continued

Asia—Con.		America							Other countries			All other[4]	Division and State
		Canada											
Turkey in Asia	Other Asia[3]	French	Other	Newfoundland	Mexico	Cuba	Other West Indies[3]	Central and South America	Australia	Azores	Iceland		
46,651	15,401	370,852	907,569	23,971	28,743	15,944	15,482	37,509	12,720	35,427	2,764	22,725	U. S.
8,348	1,294	264,261	252,760	12,533	145	350	1,037	2,460	597	22,272	73	3,235	N. E.
131	35	36,947	36,796	204	4	11	45	31	20	5	2	100	Me.
259	22	37,682	13,277	228	4	16	19	34	20	34	------	73	N. H.
17	16	17,320	9,862	101	9	8	8	30	14	3	1	31	Vt.
6,124	460	115,241	172,810	10,986	85	198	602	1,390	369	18,562	61	2,422	Mass.
1,084	92	31,501	7,777	256	12	14	128	352	56	3,561	2	296	R. I.
733	669	25,570	12,238	758	31	103	235	623	118	107	7	315	Conn.
21,183	4,409	33,336	147,411	8,048	3,551	7,099	9,384	20,149	2,628	198	168	6,484	M. A.
16,673	3,163	28,955	118,919	6,374	2,744	6,058	8,372	16,032	1,659	138	114	4,551	N. Y.
2,353	579	2,470	14,051	932	288	552	1,023	2,415	428	50	48	1,034	N. J.
2,157	667	1,911	14,441	740	519	489	489	1,702	539	10	4	899	Pa.
8,593	4,362	42,308	252,217	1,725	2,905	689	571	3,310	1,684	22	227	3,571	E. N. C.
1,826	614	2,606	24,241	217	309	189	119	683	307	2	6	660	Ohio.
297	288	682	5,519	69	218	30	22	148	98	3	3	178	Ind.
2,048	2,411	6,189	37,400	386	1,430	287	207	1,433	709	7	123	1,290	Ill.
3,564	936	28,530	173,777	975	760	151	196	774	445	8	32	976	Mich.
858	113	4,292	11,280	78	188	32	27	222	125	2	63	467	Wis.
507	500	10,531	52,323	185	1,064	124	157	711	470	5	1,045	1,323	W. N. C.
83	159	6,484	20,618	48	115	13	14	114	86	2	266	368	Minn.
67	76	608	5,725	42	176	10	31	83	81	1	9	220	Iowa.
240	96	588	4,824	38	359	66	78	247	146	------	10	275	Mo.
38	28	1,354	10,887	11	32	4	2	46	25	------	724	102	N.Dak.
28	24	492	2,859	8	14	1	7	10	18	------	15	91	S.Dak.
28	62	436	3,942	34	212	6	9	68	47	1	19	123	Nebr.
23	55	569	3,468	4	156	24	16	137	67	1	2	144	Kans.
1,547	574	2,055	15,384	301	377	6,672	2,439	1,304	400	24	33	866	S. A.
21	8	61	390	8	14	17	26	84	8	------	1	47	Del.
180	68	291	1,975	61	40	105	121	279	86	3	13	196	Md.
198	64	223	1,458	33	61	80	49	231	43	2	6	88	D. C.
230	90	157	1,460	27	24	48	43	114	53	------	7	81	Va.
369	79	118	839	15	101	27	8	96	40	1	------	54	W. Va.
108	61	80	850	26	11	24	14	30	22	1	1	57	N. C.
93	34	31	247	7	6	15	15	12	4	1	------	25	S. C.
135	37	109	985	20	21	69	32	70	30	4	------	60	Ga.
163	133	985	7,171	104	99	6,287	2,131	388	114	12	5	258	Fla.
157	105	347	2,763	46	138	100	180	282	87	------	4	165	E. S. C.
48	33	96	822	21	24	22	12	36	29	------	------	60	Ky.
30	26	92	847	12	27	21	16	56	27	------	1	36	Tenn.
62	26	117	785	11	43	46	130	92	19	------	3	45	Ala.
17	20	42	309	2	44	11	22	78	12	------	------	24	Miss.
448	267	994	7,326	125	4,456	382	327	1,443	276	11	13	573	W. S. C.
18	7	77	618	39	37	5	7	29	19	------	------	42	Ark.
117	48	222	759	18	557	229	130	1,023	45	------	1	125	La.
45	51	243	1,876	15	169	15	21	71	46	3	1	92	Okla.
268	161	452	4,073	53	3,692	133	169	320	166	8	11	314	Tex.
293	267	3,678	23,302	134	2,284	70	104	513	618	163	137	839	Mt.
79	47	1,966	8,787	33	88	3	19	65	71	5	16	109	Mont.
11	17	571	3,931	41	68	3	4	30	53	27	12	107	Idaho.
13	22	118	1,018	3	67	2	13	19	13	1	1	42	Wyo.
78	73	572	5,244	27	336	28	33	213	114	1	1	161	Colo.
8	17	62	551	6	390	7	3	50	19	1	------	20	N.Mex.
29	53	158	1,860	15	1,086	19	21	58	85	2	4	67	Ariz.
34	22	97	1,003	5	177	3	4	38	215	------	97	274	Utah.
46	16	134	818	4	72	5	7	40	46	116	6	50	Nev.
5,570	3,623	13,342	154,093	876	8,824	458	783	7,357	5,964	12,742	1,066	5,669	Pac.
640	408	4,340	43,724	250	115	20	57	350	583	15	741	685	Wash.
154	149	1,345	16,571	67	61	11	32	151	273	27	49	321	Oreg.
4,770	3,066	7,657	93,788	559	8,648	427	694	6,856	5,108	12,700	276	4,663	Calif.

[3] Except possessions of the United States.
[4] Comprises Africa, Pacific Islands, Cape Verde islands, and other Atlantic islands, "Country not specified," and "At sea."

No. 25.—MOTHER TONGUE OF THE FOREIGN-BORN WHITE POPULATION: CONTINENTAL UNITED STATES

NOTE.—Figures for 1920 have been adjusted by deducting from the total, and from Spanish mother tongue, the estimated number of persons who would have been classified as Mexican in 1930.

Mother tongue	Number		Per cent distribution		Per cent of increase, 1920–1930 [1]	Male		Female	
	1920	1930	1920	1930		1920	1930	1920	1930
Total	13,255,384	13,366,407	100.0	100.0	0.8	7,269,191	7,153,709	5,986,203	6,212,698
English and Celtic	3,007,932	3,097,021	22.7	23.2	3.0	1,454,967	1,483,363	1,552,965	1,613,658
Germanic:									
German	2,267,128	2,188,006	17.1	16.4	−3.5	1,209,610	1,153,415	1,057,518	1,034,591
Dutch	136,540	133,142	1.0	1.0	−2.5	78,243	77,409	58,297	55,733
Flemish	45,696	42,263	.3	.3	−7.5	26,620	23,707	19,076	18,556
Scandinavian:									
Swedish	643,203	615,465	4.9	4.6	−4.3	354,830	344,403	288,373	271,062
Norwegian	362,199	345,522	2.7	2.6	−4.6	201,778	195,131	160,421	150,391
Danish	187,102	178,944	1.4	1.3	−4.4	113,150	109,550	74,012	69,394
Icelandic	2,369	2,714	------	------	14.6	1,161	1,339	1,208	1,375
Latin and Greek:									
Italian	1,624,998	1,808,289	12.3	13.5	11.3	967,394	1,053,056	657,604	755,233
French	466,956	523,297	3.5	3.9	12.1	240,400	262,446	226,556	260,851
Spanish	98,751	126,288	.7	.9	27.9	65,864	80,358	32,887	45,930
Portuguese	105,895	110,107	.8	.8	4.1	60,279	64,306	45,616	45,891
Rumanian	62,336	56,964	.5	.4	−8.6	38,841	33,111	23,495	23,853
Greek	174,658	189,065	1.3	1.4	8.2	142,477	138,780	32,181	50,286
Slavic and Lettic:									
Polish	1,077,392	965,899	8.1	7.2	−10.3	614,876	524,243	462,516	441,656
Czech	234,564	201,138	1.8	1.5	−14.3	121,482	101,425	113,082	99,713
Slovak	274,048	240,196	2.1	1.8	−12.6	169,617	129,357	114,331	110,839
Russian	392,049	315,721	3.0	2.4	−19.5	232,168	181,215	159,881	134,506
Ruthenian	55,672	9,800	.4	.1	23.0	33,254	5,350	22,418	4,450
Ukrainian		68,685		.4			32,312		20,373
Slovenian	[2] 80,437	77,671	.6	.6	−3.4	50,781	46,989	29,656	30,682
Croatian	85,175	79,802	.6	.6	−6.3	61,424	51,668	23,751	28,134
Serbian	40,669	30,121	.3	.2	−25.9	29,086	21,076	11,583	9,045
Bulgarian	12,853	12,128	.1	.1	−5.6	11,828	9,676	1,025	2,452
Wendish	[3] 2,030	1,372	------	------	−32.7	1,061	672	978	700
Lithuanian	182,227	165,053	1.4	1.2	−5.3	112,557	96,164	69,670	68,889
Lettish		7,590		.1			4,383		3,207
Unclassified:									
Yiddish	1,091,820	1,222,658	8.2	9.1	12.0	570,030	621,809	521,790	600,849
Magyar	[2] 290,419	250,393	2.2	1.9	−13.8	161,140	129,775	129,279	120,618
Finnish	132,543	124,994	1.0	.9	−5.7	75,588	67,796	56,955	57,198
Estonian	1,024	2,809	------	------	174.3	742	1,920	282	889
Armenian	37,647	51,741	.3	.4	37.4	26,023	30,295	11,624	21,446
Arabic	57,557	67,330	.4	.5	17.8	35,492	39,978	22,065	27,852
Turkish	6,627	10,457	------	.1	57.8	5,253	6,911	1,374	3,546
Albanian	5,515	7,586	------	.1	37.6	4,818	5,604	697	1,982
All other	1,228	3,352	------	------	173.0	909	2,369	319	983
Unknown	7,166	42,233	.1	.3	489.4	4,448	22,348	2,718	19,885

[1] A minus sign (−) denotes a decrease.
[2] Corrected figures.
[3] Reported as "Slavic, not specified" in 1920 but practically all Wendish.

Source: Bureau of the Census, Department of Commerce.

No. 26.—CITIZENSHIP OF FOREIGN-BORN WHITES, 21 YEARS AND OVER: BY PRINCIPAL COUNTRIES OF BIRTH, CONTINENTAL UNITED STATES, 1930

NOTE.—Figures for 1920 have been adjusted by deducting from the total the estimated number of persons who would have been classified as Mexican in 1930

Country of birth	Male					Female				
	Total 21 years and over [1]	Naturalized		Having first papers	Aliens	Total 21 years and over [1]	Naturalized		Having first papers	Aliens
		Number	Per cent				Number	Per cent		
1920, total	6,747,394	3,308,924	49.0	1,114,432	1,973,918	5,445,935	2,883,092	52.9	77,301	2,118,198
1930, total	6,797,494	4,217,576	62.0	926,454	1,435,309	5,840,149	3,409,860	58.4	291,962	1,907,528
EUROPE										
Northwestern Europe:										
England	391,838	272,566	69.6	46,307	56,671	376,363	255,542	67.9	18,871	84,708
Scotland	163,588	96,710	59.1	31,062	29,902	154,249	84,019	54.5	11,559	52,398
Wales	30,646	23,156	75.6	2,952	3,127	26,530	20,488	77.2	953	3,798
Northern Ireland	78,114	56,247	72.0	9,046	9,366	93,971	63,806	67.9	4,703	20,577
Irish Free State	316,731	222,642	70.3	39,530	38,017	404,515	266,098	65.8	23,655	89,539
Norway	191,248	135,482	70.8	28,298	26,173	147,020	108,430	73.8	6,234	26,814
Sweden	326,663	235,680	72.1	39,475	41,881	255,443	193,445	75.7	10,489	43,219
Denmark	107,423	80,911	75.3	12,267	10,808	67,160	51,896	77.3	2,975	9,947
Iceland	1,368	939	69.1	188	179	1,361	935	69.2	64	291
Netherlands	73,288	50,305	68.6	9,332	11,397	51,629	35,673	69.1	2,379	11,857
Belgium	33,260	22,789	68.5	4,877	4,560	26,887	17,267	64.2	1,864	6,845
Luxemburg	5,383	4,452	82.7	386	351	3,509	2,761	78.7	158	435
Switzerland	62,951	42,521	67.5	7,843	10,052	46,530	32,447	69.7	2,465	9,408
France	63,246	41,637	65.8	6,539	12,268	66,034	41,644	63.1	3,053	18,268
Central Europe:										
Germany	813,294	588,295	72.3	108,098	87,696	734,959	534,407	72.7	46,037	121,694
Poland	656,348	363,922	55.4	110,597	169,496	560,282	252,427	45.1	30,238	264,097
Czechoslovakia	246,763	159,915	64.8	33,703	47,975	226,989	134,209	59.1	10,229	75,893
Austria	188,070	125,143	66.5	22,955	33,232	171,222	102,915	60.1	8,507	52,813
Hungary	133,697	80,138	59.9	22,025	28,284	126,180	67,912	52.3	7,788	49,188
Yugoslavia	126,732	60,234	47.5	24,640	30,562	75,700	33,747	44.6	4,464	35,857
Eastern Europe:										
Russia	589,065	398,920	67.7	67,378	107,518	514,490	295,915	57.5	22,671	178,318
Latvia	10,687	7,132	66.7	1,559	1,773	9,187	5,132	55.9	584	3,214
Estonia	2,292	1,052	45.9	651	531	1,078	419	38.9	174	444
Lithuania	109,223	55,760	51.1	18,511	32,631	80,821	34,826	43.1	4,081	39,918
Finland	75,331	38,033	50.5	12,204	23,323	63,551	33,549	52.8	3,396	24,955
Rumania	75,241	49,208	65.5	11,751	12,767	64,058	36,832	55.9	3,556	22,871
Bulgaria	7,346	2,813	38.3	1,896	2,435	1,615	617	38.2	130	821
Turkey in Europe	1,179	655	55.6	234	260	874	293	33.5	54	500
Southern Europe:										
Greece	125,619	62,649	49.9	22,701	36,516	41,717	12,825	30.7	2,158	25,349
Albania	6,146	2,227	36.2	1,386	2,396	1,913	360	18.8	93	1,410
Italy	986,531	545,720	55.3	119,191	299,015	693,177	303,114	43.7	21,840	347,291
Spain	40,250	7,554	18.8	6,098	25,408	14,715	2,986	20.3	649	10,516
Portugal	40,264	8,129	20.2	4,237	26,872	25,728	4,602	17.9	581	19,631
Other Europe	9,086	4,289	47.2	1,812	2,358	5,663	3,165	52.8	289	2,102
ASIA										
Armenia	18,240	10,106	55.4	3,048	4,702	11,909	4,327	36.3	604	6,679
Palestine	3,106	1,907	61.4	488	596	1,981	1,083	54.7	124	684
Syria	30,994	17,997	58.1	4,707	7,449	23,131	9,876	42.7	1,082	12,356
Turkey in Asia	26,525	14,582	55.0	4,709	6,651	16,809	5,701	33.9	994	9,586
Other Asia	8,658	3,533	40.8	1,751	3,016	4,395	2,038	46.4	339	1,789
AMERICA										
Canada—French	167,493	86,019	51.4	22,209	53,572	161,660	81,177	50.2	6,633	67,570
Canada—Other	304,192	204,047	56.0	53,096	84,451	409,098	245,777	60.1	21,963	116,894
Newfoundland	10,177	4,239	41.7	2,256	3,268	10,914	4,504	41.3	832	4,995
Cuba	7,734	1,681	21.7	566	4,844	5,157	1,386	26.9	92	3,300
Other West Indies [2]	6,971	3,642	52.2	932	1,916	7,042	3,024	42.9	458	2,888
Mexico	10,471	2,067	19.6	794	6,685	8,672	2,732	31.5	229	4,940
Central and South America	13,052	5,359	29.7	3,128	8,563	11,989	3,899	32.5	595	6,611
OTHER COUNTRIES										
Africa	3,771	2,040	54.1	640	875	2,851	1,520	53.3	187	964
Australia	6,257	3,770	60.3	807	1,285	5,626	3,488	62.0	260	1,494
Azores	18,201	5,070	27.9	1,791	10,764	15,619	3,394	21.7	416	11,215
Other Atlantic Is. [3]	2,241	789	35.2	324	1,005	1,539	562	36.5	62	813
Pacific Islands	2,104	1,179	56.0	310	468	1,795	1,056	58.8	109	508
All other [4]	3,406	1,635	48.0	119	310	2,516	1,513	60.1	37	261

[1] Totals include persons whose citizenship was not reported.
[2] Except possessions of the United States.
[3] Includes Cape Verde Islands.
[4] Includes country not specified and born at sea.

Source: Bureau of the Census, Department of Commerce.

No. 27.—PERSONS 21 YEARS OF AGE AND OVER, BY CLASSES AND

Division and State	Persons 21 years of age and over						
	All classes			Native white			
				Total		Native parentage	
	Total	Male	Female	Male	Female	Male	Female
Continental United States.	72, 943, 624	37, 056, 757	35, 886, 867	26, 418, 580	26, 343, 611	19, 257, 937	18, 858, 829
New England	5, 095, 074	2, 481, 494	2, 613, 580	1, 596, 613	1, 712, 944	882, 269	920, 390
Maine	487, 125	244, 320	242, 805	197, 844	197, 046	153, 680	151, 979
New Hampshire	294, 035	145, 551	148, 504	106, 610	109, 812	71, 515	72, 236
Vermont	220, 428	112, 374	108, 054	92, 231	90, 440	68, 922	66, 947
Massachusetts	2, 686, 487	1, 287, 970	1, 398, 517	787, 645	868, 395	384, 681	414, 903
Rhode Island	421, 197	202, 029	219, 168	120, 480	133, 911	54, 159	57, 644
Connecticut	985, 782	489, 250	496, 532	291, 803	313, 340	149, 303	156, 671
Middle Atlantic	16, 311, 742	8, 189, 533	8, 122, 209	5, 204, 885	5, 423, 526	3, 217, 491	3, 279, 158
New York	8, 142, 851	4, 078, 340	4, 064, 511	2, 366, 659	2, 480, 405	1, 284, 253	1, 306, 156
New Jersey	2, 512, 112	1, 261, 298	1, 250, 814	773, 669	807, 451	442, 163	450, 191
Pennsylvania	5, 656, 779	2, 849, 895	2, 806, 884	2, 064, 557	2, 135, 670	1, 491, 075	1, 522, 811
East North Central	15, 685, 265	8, 057, 827	7, 627, 438	6, 013, 332	5, 948, 338	4, 032, 748	3, 899, 207
Ohio	4, 132, 251	2, 095, 788	2, 036, 463	1, 651, 202	1, 667, 026	1, 261, 525	1, 247, 068
Indiana	2, 003, 019	1, 016, 313	986, 706	808, 602	804, 572	709, 727	700, 552
Illinois	4, 841, 768	2, 469, 993	2, 371, 775	1, 707, 070	1, 723, 009	1, 038, 559	1, 014, 262
Michigan	2, 939, 409	1, 558, 021	1, 381, 388	1, 055, 413	983, 707	648, 349	581, 925
Wisconsin	1, 768, 818	917, 712	851, 106	701, 045	680, 024	314, 588	295, 400
West North Central	8, 000, 433	4, 104, 361	3, 896, 072	3, 366, 937	3, 315, 275	2, 229, 203	2, 181, 565
Minnesota	1, 537, 983	797, 960	740, 023	577, 121	565, 332	227, 425	215, 765
Iowa	1, 506, 129	765, 863	740, 266	668, 246	652, 364	443, 975	435, 426
Missouri	2, 209, 637	1, 137, 503	1, 132, 154	980, 255	991, 121	802, 602	797, 097
North Dakota	358, 182	196, 028	162, 154	134, 564	116, 807	47, 998	40, 420
South Dakota	385, 808	207, 413	178, 395	164, 395	145, 621	83, 978	73, 135
Nebraska	812, 460	419, 139	393, 311	349, 159	336, 300	216, 777	207, 300
Kansas	1, 130, 224	580, 455	549, 769	513, 197	494, 730	406, 448	392, 422
South Atlantic	8, 415, 339	4, 183, 568	4, 231, 771	2, 941, 026	2, 964, 488	2, 758, 634	2, 768, 881
Delaware	148, 792	76, 058	72, 734	56, 450	56, 235	48, 222	47, 452
Maryland	996, 928	500, 549	496, 379	366, 686	374, 862	300, 548	302, 820
District of Columbia	341, 465	160, 809	180, 656	103, 713	120, 223	84, 161	96, 690
Virginia	1, 300, 893	650, 357	650, 536	474, 388	473, 819	456, 862	457, 435
West Virginia	900, 987	471, 779	429, 208	402, 416	382, 477	381, 014	361, 021
North Carolina	1, 542, 125	758, 445	783, 680	549, 843	558, 366	544, 681	552, 915
South Carolina	819, 334	395, 234	424, 150	232, 780	237, 315	228, 570	232, 943
Georgia	1, 498, 567	731, 490	767, 077	474, 735	482, 159	464, 741	471, 645
Florida	866, 198	438, 847	427, 351	280, 017	279, 027	249, 815	245, 960
East South Central	5, 220, 526	2, 602, 304	2, 618, 222	1, 884, 478	1, 876, 167	1, 614, 288	1, 797, 373
Kentucky	1, 422, 434	718, 286	704, 148	635, 197	625, 417	597, 498	581, 238
Tennessee	1, 418, 144	701, 194	716, 950	562, 170	571, 321	548, 620	556, 542
Alabama	1, 348, 401	666, 742	681, 659	427, 670	425, 358	415, 719	412, 584
Mississippi	1, 031, 547	516, 082	515, 465	259, 441	254, 071	252, 451	247, 012
West South Central	6, 611, 094	3, 391, 930	3, 219, 164	2, 437, 346	2, 353, 497	2, 278, 927	2, 149, 292
Arkansas	968, 231	494, 949	473, 282	359, 862	340, 096	346, 077	323, 216
Louisiana	1, 134, 852	566, 908	567, 944	341, 731	340, 854	306, 530	299, 897
Oklahoma	1, 287, 131	673, 398	613, 733	586, 864	535, 781	546, 316	499, 358
Texas	3, 220, 880	1, 656, 675	1, 564, 205	1, 199, 389	1, 136, 766	1, 080, 004	1, 021, 821
Mountain	2, 103, 221	1, 142, 751	965, 470	866, 977	769, 230	628, 341	548, 309
Montana	318, 611	181, 494	137, 117	131, 757	106, 511	80, 613	62, 638
Idaho	246, 770	136, 212	110, 558	115, 088	98, 072	83, 006	70, 667
Wyoming	132, 954	77, 205	55, 749	60, 648	46, 890	45, 284	33, 901
Colorado	623, 523	323, 224	300, 299	255, 941	218, 348	191, 146	182, 227
New Mexico	216, 956	115, 667	101, 289	88, 476	79, 217	81, 708	72, 707
Arizona	244, 115	134, 401	109, 714	79, 927	66, 763	66, 128	54, 440
Utah	264, 498	136, 960	127, 538	110, 074	105, 789	63, 541	60, 242
Nevada	60, 794	37, 588	23, 206	25, 066	17, 640	16, 915	11, 487
Pacific	5, 495, 930	2, 902, 969	2, 592, 941	2, 036, 484	1, 980, 351	1, 416, 036	1, 334, 661
Washington	1, 010, 167	545, 410	464, 757	394, 969	362, 415	264, 735	236, 089
Oregon	621, 375	331, 805	289, 570	265, 741	246, 006	196, 171	177, 399
California	3, 864, 388	2, 025, 774	1, 838, 614	1, 375, 774	1, 371, 930	955, 130	921, 223

Source: Bureau of the Census, Department of Commerce.

SEX, AND MALES 18 TO 44 YEARS OF AGE: By States, 1930

Persons 21 years of age and over—Continued								Males 18 to 44 years of age	Division and State
Native white—Con.		Foreign-born white		Negro		All other			
Foreign or mixed parentage		Male	Female	Male	Female	Male	Female		
Male	Female								
7,160,643	7,484,982	6,797,494	5,840,149	3,235,441	3,296,498	605,242	408,409	25,839,207	U. S.
714,344	792,564	851,225	870,489	29,595	29,175	4,061	972	1,622,346	N. E.
44,155	45,067	45,712	45,179	391	322	373	258	145,948	Me.
35,095	37,576	38,457	38,512	409	157	75	23	86,104	N. H.
23,309	23,493	19,906	17,481	197	122	40	11	68,317	Vt.
402,964	453,492	481,255	513,156	16,406	16,492	2,664	474	851,432	Mass.
66,321	76,267	78,324	82,124	2,937	3,015	288	118	136,208	R. I.
142,500	156,669	187,571	174,037	9,255	9,067	621	88	334,187	Conn.
1,987,394	2,144,368	2,612,347	2,347,989	350,152	348,165	22,149	4,549	5,779,072	M. A.
1,082,406	1,174,249	1,556,419	1,433,682	140,078	146,988	15,184	3,436	2,894,157	N. Y.
331,506	357,260	419,593	376,929	65,750	66,146	2,286	288	898,090	N. J.
573,482	612,859	636,335	537,358	144,324	133,031	4,679	825	1,986,825	Pa.
1,980,584	2,049,131	1,679,021	1,368,856	325,519	295,717	39,955	14,527	5,527,606	E. N. C.
389,677	419,958	335,484	275,065	105,736	93,555	9,366	817	1,414,197	Ohio.
128,875	134,020	73,845	55,189	38,250	35,392	5,616	1,553	656,223	Ind.
668,511	708,747	630,727	531,973	115,261	111,431	16,935	5,362	1,722,268	Ill.
407,064	401,782	430,934	341,492	62,139	52,207	9,535	3,982	1,116,990	Mich.
386,457	384,624	208,031	165,137	4,133	3,132	4,503	2,813	618,279	Wis.
1,157,734	1,153,710	577,050	454,477	113,497	108,278	26,877	13,042	2,719,748	W. N. C.
349,698	352,567	212,901	165,459	3,690	3,115	4,158	3,117	533,059	Minn.
224,271	226,938	90,027	71,685	6,010	5,320	1,580	807	491,185	Iowa.
177,653	194,024	78,726	65,350	75,937	74,520	2,585	1,103	742,496	Mo.
86,566	76,387	58,925	43,383	177	101	2,362	1,863	139,758	N.Dak.
80,417	72,486	36,886	27,288	239	181	5,893	5,305	145,191	S. Dak.
132,382	129,000	61,942	50,502	4,967	4,554	3,071	1,955	286,346	Nebr.
106,749	102,308	37,553	30,810	22,477	20,487	7,228	3,742	381,713	Kans.
182,394	195,602	162,775	126,484	1,073,386	1,136,675	6,399	4,129	3,085,876	S. A.
8,228	8,783	8,874	7,223	10,669	9,270	65	6	50,729	Del.
66,138	72,042	48,319	42,859	84,881	78,583	603	75	350,637	Md.
19,532	23,533	14,970	13,525	41,584	46,804	542	104	113,076	D. C.
17,526	16,384	13,137	9,608	162,285	166,935	547	174	467,068	Va.
21,402	21,456	31,425	17,263	37,731	29,424	207	44	346,086	W. Va.
5,162	5,451	4,833	3,457	200,355	218,620	3,414	3,237	587,665	N. C.
4,210	4,372	2,996	2,026	159,190	184,598	268	211	309,681	S. C.
9,994	10,514	7,859	5,465	248,663	279,404	213	49	552,284	Ga.
30,202	33,067	30,362	25,058	127,988	123,037	480	229	308,700	Fla.
70,190	78,791	32,297	23,280	684,048	718,007	1,481	768	1,876,659	E. S. C.
37,699	44,179	11,977	9,219	71,020	69,483	92	29	497,096	Ky.
13,550	14,779	7,116	5,380	131,776	140,198	132	51	504,707	Tenn.
11,961	12,774	8,999	6,136	229,903	250,047	170	118	491,568	Ala.
6,990	7,059	4,205	2,545	251,349	258,279	1,087	570	383,288	Miss.
205,919	204,205	94,543	70,087	614,877	621,099	194,664	174,481	2,546,615	W. S. C.
13,785	12,480	5,900	4,051	128,795	128,335	362	200	356,330	Ark.
35,201	40,957	19,819	13,952	203,259	211,788	2,099	1,350	432,006	La.
40,548	36,423	15,178	10,852	48,364	45,798	22,992	21,302	500,673	Okla.
119,385	114,345	53,646	41,232	234,459	235,178	169,181	151,629	1,257,606	Tex.
238,636	220,921	164,172	112,222	11,886	9,545	99,716	74,473	790,317	Mt.
51,144	43,873	43,218	26,438	559	402	5,960	3,766	118,622	Mont.
32,082	27,405	18,283	10,901	310	208	2,531	1,377	91,213	Idaho.
15,364	12,989	12,028	6,817	560	402	3,969	1,640	56,445	Wyo.
64,795	66,121	40,667	36,093	4,189	4,381	16,427	11,477	213,703	Colo.
6,768	6,510	4,641	2,898	981	787	21,560	18,387	85,233	N.Mex.
13,799	12,323	8,984	5,811	4,591	2,816	40,899	34,324	99,788	Ariz.
46,533	45,547	21,973	19,743	454	352	4,459	1,654	101,730	Utah.
8,151	6,153	8,378	3,521	242	197	3,902	1,848	23,583	Nev.
620,448	645,690	624,064	466,285	32,501	31,837	209,940	114,488	1,890,908	Pac.
130,234	126,376	134,568	93,695	2,895	2,166	12,978	6,481	345,137	Wash.
69,570	68,607	59,004	40,260	978	739	6,082	2,565	206,921	Oreg.
420,644	450,707	430,492	332,330	28,628	28,932	190,880	105,422	1,338,850	Calif.

No. 28.—AGE DISTRIBUTION OF

Note.—For totals for all ages see Table 6. For age distri

	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
1	Continental U. S.	11,444,390	12,607,609	12,004,877	11,552,115	10,870,378	9,833,608	9,120,421	9,208,645
2	New England	689,782	768,842	761,595	715,562	657,383	605,870	601,804	626,368
3	Maine	75,037	79,727	74,061	68,683	60,575	53,110	52,613	52,853
4	New Hampshire	39,350	43,543	42,028	38,822	34,807	31,562	31,759	32,472
5	Vermont	33,232	34,765	33,713	31,371	27,329	24,590	23,415	23,782
6	Massachusetts	349,640	390,657	387,003	366,149	345,573	324,135	321,499	335,441
7	Rhode Island	59,624	67,620	64,744	62,414	56,677	51,690	51,374	52,099
8	Connecticut	132,890	152,530	160,046	148,123	131,862	120,783	121,144	129,721
9	Middle Atlantic	2,214,805	2,470,204	2,447,292	2,354,216	2,303,389	2,167,974	2,115,881	2,133,190
10	New York	989,294	1,084,839	1,078,186	1,071,313	1,139,029	1,122,879	1,081,129	1,072,385
11	New Jersey	329,668	380,918	384,342	364,396	350,402	332,810	331,332	338,222
12	Pennsylvania	895,843	1,004,447	984,764	918,507	813,908	732,285	703,420	722,583
13	East North Central	2,208,821	2,414,163	2,334,961	2,227,213	2,167,732	2,063,777	1,969,728	2,011,235
14	Ohio	573,164	639,272	612,768	578,133	564,253	523,558	505,940	523,088
15	Indiana	285,030	314,917	297,058	284,714	266,101	245,772	232,850	234,981
16	Illinois	615,826	681,782	663,189	676,053	675,072	653,150	621,798	638,904
17	Michigan	463,441	486,970	455,469	416,880	418,202	415,964	391,854	396,392
18	Wisconsin	271,360	291,222	286,477	271,427	244,104	225,333	217,286	217,780
19	West North Central	1,205,821	1,326,761	1,287,317	1,241,668	1,133,913	1,005,618	954,553	965,954
20	Minnesota	231,001	256,751	253,788	239,946	214,432	193,469	189,705	192,934
21	Iowa	220,277	242,963	236,820	223,542	201,167	180,357	174,929	177,861
22	Missouri	305,862	339,137	325,058	326,555	313,650	287,176	267,002	271,688
23	North Dakota	75,726	78,119	79,886	75,343	61,853	48,988	43,341	42,931
24	South Dakota	71,324	77,961	75,392	69,609	59,584	50,745	48,122	48,278
25	Nebraska	130,337	141,487	136,339	132,100	120,788	104,370	99,601	99,811
26	Kansas	171,094	190,343	181,034	174,573	162,439	140,513	131,853	132,451
27	South Atlantic	1,714,903	1,906,741	1,757,677	1,679,410	1,492,586	1,217,759	1,050,257	1,047,428
28	Delaware	19,283	22,321	22,614	21,173	20,122	18,241	17,357	18,221
29	Maryland	144,629	162,656	152,613	145,804	145,846	132,248	124,358	124,305
30	Dist. of Col.	32,304	35,624	32,712	35,806	48,387	48,120	45,095	43,557
31	Virginia	257,138	291,875	269,626	255,757	217,603	176,938	156,596	158,211
32	West Virginia	207,087	220,366	193,205	175,834	153,487	130,593	116,803	112,145
33	North Carolina	301,150	427,112	382,298	360,640	304,847	239,921	197,171	188,488
34	South Carolina	205,076	240,750	222,808	211,345	166,354	120,408	98,859	104,760
35	Georgia	316,404	353,910	338,860	334,836	288,126	222,930	183,399	186,959
36	Florida	141,832	152,127	142,881	138,215	137,814	128,299	110,119	110,792
37	East South Central	1,122,861	1,203,971	1,092,200	1,051,163	929,003	759,930	635,008	631,372
38	Kentucky	292,856	316,231	280,238	258,156	221,661	189,040	171,188	169,932
39	Tennessee	281,818	306,629	280,178	276,437	248,619	203,213	172,774	171,956
40	Alabama	313,882	331,713	303,440	294,168	259,361	208,954	164,833	163,991
41	Mississippi	234,295	249,398	228,344	222,402	199,362	158,723	126,211	125,993
42	West South Central	1,314,952	1,425,491	1,296,077	1,280,160	1,192,732	1,023,872	864,409	837,821
43	Arkansas	203,709	225,828	211,013	202,734	175,308	141,422	116,776	119,092
44	Louisiana	230,538	248,187	227,631	217,602	206,496	178,953	148,247	146,687
45	Oklahoma	264,537	285,840	258,030	252,755	230,891	197,256	168,737	160,672
46	Texas	611,168	665,560	599,403	607,069	580,037	506,241	430,649	411,170
47	Mountain	383,566	403,579	332,579	352,747	320,176	280,076	259,569	268,505
48	Montana	49,263	53,992	56,396	50,135	43,753	38,195	35,476	40,559
49	Idaho	45,814	50,070	49,840	44,565	37,458	31,028	29,059	30,111
50	Wyoming	22,495	24,097	21,750	20,162	20,445	18,489	18,130	18,808
51	Colorado	95,670	104,780	98,940	95,132	86,913	77,310	74,191	77,337
52	New Mexico	53,853	55,094	46,846	43,135	37,797	32,332	27,984	28,517
53	Arizona	50,087	50,457	42,861	39,981	40,453	37,633	33,450	32,939
54	Utah	59,261	62,239	59,384	52,762	40,072	37,333	33,967	32,472
55	Nevada	7,123	7,850	7,002	6,875	7,285	7,756	7,312	7,762
56	Pacific	589,079	682,927	645,179	649,976	683,514	688,733	669,214	686,472
57	Washington	114,854	136,013	138,303	137,922	130,401	120,651	115,448	122,833
58	Oregon	68,858	81,520	82,660	83,370	77,986	72,053	71,102	75,019
59	California	405,367	465,394	424,126	428,684	475,127	496,029	482,664	488,620

Source: Bureau of the Census, Department of Commerce.

THE POPULATION, BY STATES, 1930

bution of urban and rural population see Table 19, p. 19.

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 to 79 years	80 to 84 years	85 years and over	Unknown	
7,980,195	7,042,279	5,975,804	4,845,677	3,751,221	2,770,605	1,950,004	1,108,390	534,676	272,130	94,022	1
556,448	501,059	443,176	372,375	311,630	229,017	159,133	91,652	45,417	24,071	5,159	2
48,339	46,757	43,589	38,941	33,537	26,543	20,071	12,564	6,407	3,435	591	3
29,081	28,113	26,676	24,068	20,548	15,846	12,506	7,428	3,735	2,045	244	4
21,794	21,040	20,093	17,626	14,990	11,498	9,318	5,830	2,978	1,629	118	5
296,004	265,410	234,252	197,278	159,330	117,605	78,842	44,273	21,897	11,578	3,048	6
46,568	42,181	37,062	30,286	24,984	17,398	11,021	6,441	3,018	1,475	221	7
114,060	97,558	81,504	64,176	48,241	40,127	26,775	15,126	7,382	3,909	937	8
1,351,303	1,587,001	1,334,184	1,035,773	830,598	600,469	408,506	220,204	102,584	49,383	18,344	9
924,958	780,551	655,197	504,264	406,041	293,447	195,668	105,162	48,984	24,064	10,566	10
291,871	246,388	205,434	157,128	124,676	88,449	58,951	31,432	14,797	7,414	2,704	11
634,474	559,952	473,553	374,381	299,881	218,573	148,887	83,610	38,803	18,405	5,074	12
1,757,937	1,515,615	1,262,141	1,004,593	826,273	634,007	448,113	253,427	120,764	59,335	17,350	13
458,317	406,046	344,777	275,190	224,108	170,455	123,143	71,313	33,727	16,188	3,187	14
213,101	194,779	170,038	143,306	120,800	94,361	69,147	40,664	19,497	9,118	2,209	15
557,637	470,373	383,102	298,912	246,310	183,196	123,556	66,215	31,751	16,345	7,383	16
334,001	275,659	221,237	171,220	137,264	106,038	75,079	43,087	20,731	9,956	2,875	17
194,881	168,758	142,987	115,965	97,731	79,947	57,178	32,148	15,058	7,728	1,636	18
867,038	769,649	661,664	543,720	451,101	353,721	257,653	149,457	75,211	38,859	7,237	19
172,980	147,143	122,171	100,813	84,372	69,079	48,256	26,628	12,693	6,824	968	20
157,635	144,603	126,365	107,390	92,343	72,943	54,233	32,088	16,305	8,670	1,242	21
242,356	220,334	193,097	158,408	131,730	99,311	71,878	41,643	21,064	10,624	2,789	22
39,569	35,633	29,235	22,425	17,123	13,019	9,112	4,926	2,186	1,037	393	23
44,205	37,499	30,289	23,648	18,902	15,221	11,053	6,294	2,949	1,403	376	24
89,856	76,815	64,091	52,041	42,783	34,431	25,525	14,834	7,583	3,827	750	25
120,437	107,622	95,816	78,789	63,848	49,727	37,701	23,039	12,431	6,480	719	26
873,082	783,598	690,506	498,869	393,400	278,066	201,837	116,562	57,216	30,258	13,435	27
15,969	14,160	13,001	10,024	8,578	6,844	4,887	2,893	1,338	716	138	28
107,367	94,879	82,466	64,676	52,901	39,292	27,419	15,430	7,353	3,478	3,806	29
36,326	32,574	28,782	21,609	16,958	11,712	7,694	4,315	2,265	1,267	1,782	30
136,024	125,667	110,423	82,933	65,198	45,935	34,815	20,321	10,212	5,395	1,184	31
94,045	85,398	70,728	53,548	41,530	29,675	21,197	12,868	6,147	3,156	733	32
153,231	137,981	120,365	85,539	63,743	46,085	34,533	20,076	9,820	5,157	2,119	33
86,589	78,138	65,371	44,318	36,173	23,596	16,845	9,437	4,670	2,616	502	34
151,156	133,154	131,455	84,633	67,562	45,142	33,733	19,505	9,564	5,329	1,844	35
91,775	81,647	67,965	51,589	40,757	29,735	20,709	11,717	5,847	3,144	1,237	36
522,777	493,867	435,618	316,979	247,026	175,781	128,018	75,745	37,924	20,382	7,091	37
146,945	133,430	119,940	95,182	76,270	57,870	41,709	24,518	11,881	6,084	1,388	38
141,554	128,582	124,300	89,615	68,211	48,478	34,889	20,416	10,160	5,102	3,625	39
130,871	138,403	106,459	73,716	55,948	39,246	28,184	17,243	8,668	4,899	1,269	40
103,407	93,452	84,919	58,466	46,597	30,187	22,176	13,568	7,215	4,297	809	41
685,825	613,304	499,120	372,852	282,875	192,729	141,073	83,978	40,262	22,156	6,313	42
98,025	96,405	79,352	59,439	44,001	29,980	22,381	13,255	6,443	3,530	778	43
118,615	107,576	85,585	62,463	46,358	30,924	21,400	13,029	6,382	4,115	805	44
133,077	114,124	99,006	70,782	56,400	39,676	28,582	16,648	7,983	3,999	1,039	45
336,108	295,199	235,177	174,168	136,116	92,143	68,710	41,046	20,049	10,511	4,191	46
242,207	210,696	172,397	132,098	106,586	78,430	52,665	28,643	13,122	6,716	2,432	47
42,127	35,634	27,834	20,625	16,580	12,323	7,911	3,931	1,688	847	337	48
28,413	25,230	21,243	16,419	13,258	9,730	6,629	3,484	1,603	799	214	49
16,281	13,013	10,243	7,358	5,409	3,985	2,592	1,336	585	226	178	50
69,330	62,302	53,363	42,608	35,427	26,883	18,100	10,011	4,534	2,169	701	51
22,890	19,703	15,691	12,693	10,250	7,274	4,664	2,750	1,314	823	204	52
27,053	23,295	18,113	13,037	9,921	6,650	4,473	2,613	1,269	773	525	53
28,713	24,693	20,262	15,230	12,571	9,503	6,846	3,756	1,702	858	223	54
7,400	6,823	5,648	4,128	3,170	2,079	1,360	702	302	221	50	55
633,580	567,490	476,998	368,418	301,732	228,385	157,208	86,722	41,578	20,471	18,161	56
118,165	103,280	90,223	69,260	57,530	44,440	30,075	16,110	7,329	3,549	1,980	57
71,976	65,663	55,266	43,869	36,640	28,199	20,167	11,139	5,366	2,461	442	58
443,499	393,547	331,479	255,289	207,562	155,746	107,564	59,473	28,881	14,461	13,739	59

No. 29.—PER CENT DISTRIBUTION BY AGE, BY STATES: 1930

NOTE.—Percentages are based on figures in Table 28

Division and State	Per cent in age group															
	Under 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 and over
Continental *United States*	9.3	10.3	9.8	9.4	9.9	8.0	7.4	7.5	6.5	5.7	4.9	3.8	3.1	2.3	1.6	1.6
New England	8.4	9.4	9.3	8.8	8.0	7.4	7.4	7.7	6.8	6.1	5.4	4.6	3.8	2.8	1.9	2.0
Maine	9.4	10.0	9.3	8.6	7.6	6.7	6.6	6.6	6.1	5.9	5.5	4.9	4.2	3.3	2.5	2.8
New Hampshire	8.5	9.4	9.0	8.3	7.5	6.8	6.8	7.0	6.4	6.0	5.7	5.2	4.4	3.4	2.7	2.8
Vermont	9.2	9.7	9.4	8.7	7.7	6.8	6.5	6.6	6.1	5.9	5.6	4.9	4.2	3.2	2.6	2.9
Massachusetts	8.2	9.2	9.1	8.6	8.1	7.6	7.6	7.9	7.0	6.2	5.5	4.6	3.7	2.8	1.9	1.8
Rhode Island	8.7	9.8	9.4	9.1	8.2	7.5	7.5	7.6	6.8	6.1	5.4	4.4	3.6	2.5	1.7	1.6
Connecticut	8.3	9.5	10.0	9.2	8.2	7.5	7.5	8.1	7.1	6.1	5.1	4.0	3.6	2.5	1.7	1.6
Middle Atlantic	8.4	9.4	9.3	9.0	8.8	8.3	8.1	8.1	7.0	6.0	5.1	3.9	3.2	2.3	1.5	1.4
New York	7.9	8.8	8.6	8.5	9.0	8.9	8.6	8.5	7.3	6.2	5.2	4.0	3.2	2.3	1.6	1.4
New Jersey	8.2	9.4	9.5	9.0	8.7	8.2	8.2	8.4	7.2	6.1	5.1	3.9	3.1	2.2	1.5	1.3
Pennsylvania	9.3	10.4	10.2	9.5	8.5	7.5	7.3	7.5	6.6	5.8	4.9	3.9	3.1	2.3	1.5	1.5
E. North Central	9.7	9.5	9.2	8.8	8.0	8.2	7.8	8.0	6.9	6.0	5.0	4.0	3.3	2.5	1.8	1.7
Ohio	8.6	9.6	9.2	8.7	8.5	7.9	7.6	7.9	6.9	6.1	5.7	4.1	3.4	2.6	1.9	1.8
Indiana	8.8	9.7	9.2	8.8	8.2	7.6	7.2	7.3	6.6	6.0	5.3	4.4	3.7	2.9	2.1	2.1
Illinois	8.1	8.9	9.0	8.9	8.8	8.6	8.1	8.4	7.3	6.2	5.0	3.9	3.2	2.4	1.6	1.5
Michigan	9.6	10.1	9.4	8.6	8.0	8.6	8.1	8.2	6.9	5.7	4.6	3.5	2.8	2.2	1.6	1.5
Wisconsin	9.2	9.9	9.7	9.2	8.3	7.7	7.4	7.4	6.6	5.7	4.9	3.9	3.3	2.7	3.3	1.9
W. North Central	9.1	10.0	9.7	9.3	8.5	7.6	7.2	7.3	6.5	5.8	5.0	4.1	3.4	2.7	1.9	2.0
Minnesota	9.0	10.0	9.9	9.4	8.4	7.5	7.4	7.5	6.7	5.7	4.8	3.9	3.3	2.7	1.9	1.8
Iowa	8.9	9.8	9.5	9.0	8.1	7.3	7.1	7.2	6.4	5.9	5.1	4.4	3.7	3.0	2.2	2.3
Missouri	8.4	9.3	9.0	9.0	8.0	7.9	7.4	7.5	6.7	6.1	5.3	4.4	3.6	2.7	2.2	2.0
North Dakota	11.1	11.5	11.7	11.1	9.1	7.2	6.4	6.3	5.8	5.2	4.3	3.3	2.5	1.9	1.3	1.2
South Dakota	10.3	11.3	10.9	10.0	8.6	7.3	6.9	7.0	6.4	5.4	4.4	3.4	2.7	2.2	1.6	1.5
Nebraska	9.5	10.3	9.9	9.6	8.8	7.6	7.2	7.2	6.5	5.6	4.7	3.8	3.1	2.5	1.9	1.9
Kansas	9.1	10.1	9.6	9.3	8.6	7.5	7.0	7.0	6.4	5.7	5.1	4.2	3.4	2.6	2.0	2.2
South Atlantic	10.9	12.1	11.1	10.6	9.4	7.7	6.6	6.6	5.5	5.0	4.4	3.2	2.5	1.8	1.3	1.3
Delaware	8.1	9.4	9.5	8.9	8.4	7.7	7.5	7.6	6.7	5.9	5.5	4.2	3.6	2.9	2.1	2.1
Maryland	8.9	10.6	9.4	8.9	8.9	8.1	7.6	7.6	6.6	5.8	5.1	4.0	3.2	2.4	1.7	1.6
Dist. of Col	6.6	7.3	6.7	7.4	9.9	9.9	9.3	8.1	7.5	6.7	5.9	4.4	3.5	2.4	1.6	1.6
Virginia	10.6	12.1	11.1	10.6	9.0	7.3	6.5	6.5	5.6	5.2	4.6	3.4	2.7	1.9	1.4	1.5
West Virginia	12.0	12.7	11.2	10.2	8.9	7.6	6.8	6.5	5.5	4.9	4.1	3.1	2.4	1.7	1.2	1.3
North Carolina	12.3	13.5	12.1	11.4	9.6	7.6	6.2	5.9	4.8	4.4	3.8	2.7	2.0	1.5	1.1	1.1
South Carolina	11.8	13.8	12.8	12.2	9.6	6.9	5.7	6.0	5.0	4.5	3.8	2.5	2.1	1.4	1.0	1.0
Georgia	10.9	12.2	11.7	11.5	9.9	7.7	6.3	6.4	5.2	4.6	4.5	2.9	2.3	1.6	1.2	1.2
Florida	9.7	10.4	9.7	9.4	9.4	8.7	7.5	7.5	6.3	5.6	4.6	3.5	2.8	2.0	1.4	1.4
E. South Central	11.4	12.2	11.0	10.6	9.4	7.7	6.4	6.4	5.3	5.0	4.4	3.2	2.5	1.8	1.3	1.4
Kentucky	11.2	12.1	10.7	9.9	8.5	7.2	6.5	6.5	5.6	5.1	4.6	3.6	2.9	2.2	1.6	1.6
Tennessee	10.8	11.7	10.7	10.6	9.5	7.8	6.6	6.6	5.4	4.9	4.8	3.4	2.6	1.9	1.3	1.4
Alabama	11.9	12.5	11.5	11.1	9.8	7.9	6.2	6.2	4.9	5.2	4.0	2.8	2.1	1.5	1.1	1.2
Mississippi	11.7	12.4	11.4	11.1	9.9	7.9	6.3	6.3	5.1	4.6	4.2	2.9	2.3	1.5	1.1	1.2
W. South Central	10.8	11.7	10.6	10.5	9.8	8.4	7.1	6.9	5.6	5.0	4.1	3.1	2.3	1.6	1.2	1.2
Arkansas	11.3	12.2	11.4	10.9	9.5	7.6	6.3	6.4	5.3	5.2	4.3	3.2	2.4	1.6	1.2	1.3
Louisiana	11.0	11.8	10.8	10.4	9.8	8.5	7.1	7.0	5.6	5.1	4.1	3.0	2.2	1.5	1.0	1.1
Oklahoma	11.0	11.9	10.8	10.5	9.6	8.2	7.0	6.7	5.6	4.8	4.1	3.2	2.4	1.6	1.2	1.2
Texas	10.5	11.4	10.3	10.4	10.0	8.7	7.4	7.1	5.8	5.1	4.0	3.0	2.3	1.6	1.2	1.2
Mountain	10.4	11.0	10.3	9.5	8.6	7.6	7.0	7.3	6.5	5.7	4.7	3.6	2.9	2.1	1.4	1.3
Montana	9.2	10.0	10.5	9.3	8.1	7.1	6.6	7.5	7.8	6.6	5.2	3.8	3.1	2.3	1.5	1.2
Idaho	10.3	11.3	11.2	10.0	8.4	7.0	6.5	6.8	6.4	5.7	4.8	3.7	3.0	2.2	1.5	1.3
Wyoming	10.0	10.7	9.6	8.9	9.1	8.2	8.0	8.3	7.2	5.8	4.5	3.3	2.4	1.8	1.1	0.9
Colorado	9.2	10.1	9.5	9.2	8.4	7.5	7.2	7.5	6.7	6.0	5.2	4.1	3.4	2.6	1.8	1.6
New Mexico	12.7	13.0	10.9	10.2	8.9	7.6	6.6	7.0	5.4	4.7	3.7	3.0	2.4	1.7	1.1	1.2
Arizona	11.5	11.6	9.8	9.2	9.3	8.6	7.7	7.6	6.2	5.3	4.2	3.0	2.3	1.5	1.0	1.1
Utah	11.7	12.3	11.7	10.4	9.1	7.4	6.7	6.4	5.7	4.9	4.0	3.0	2.5	1.9	1.3	1.2
Nevada	7.8	8.6	7.8	7.6	8.0	8.5	8.0	8.5	8.1	7.5	6.2	4.5	3.5	2.3	1.5	1.5
Pacific	7.2	8.3	7.9	7.9	8.3	8.4	8.2	8.4	7.7	6.9	5.8	4.5	3.7	2.8	1.9	1.8
Washington	7.3	8.7	8.9	8.3	8.3	7.7	7.4	7.9	7.6	6.9	5.8	4.4	3.7	2.8	1.9	1.7
Oregon	7.2	8.5	8.7	8.7	8.2	7.6	7.5	7.9	7.5	6.9	5.8	4.6	3.8	3.0	2.1	2.0
California	7.1	8.2	7.5	7.6	8.4	8.7	8.5	8.6	7.8	6.9	5.8	4.5	3.7	2.7	1.9	1.8

Source: Bureau of the Census, Department of Commerce.

No. 30.—AGE DISTRIBUTION: TOTALS 1900 TO 1930, AND BY SEX, RACE, NATIVITY AND PARENTAGE, 1930, CONTINENTAL UNITED STATES

Age group	All classes[1]				1930			
					Native white		Foreign-born white	Negro
	1900	1910	1920	1930	Native parentage	Foreign or mixed parentage		
NUMBER								
All ages	75,994,575	91,972,266	105,710,620	122,775,046	70,136,614	25,361,186	13,366,407	11,891,143
Under 5 years	9,170,628	10,631,364	11,573,230	11,444,390	7,939,165	1,960,443	27,788	1,230,206
Under 1 year	*1,916,892*	*2,217,343*	*2,357,255*	*2,190,791*	*1,549,340*	*345,963*	*1,428*	*233,378*
5 to 9 years	8,874,123	9,760,632	11,398,075	12,607,609	8,321,038	2,513,415	121,551	1,368,381
10 to 14 years	8,080,234	9,107,140	10,641,137	12,004,877	7,528,352	2,870,194	147,736	1,251,542
15 to 19 years	7,556,089	9,063,603	9,430,556	11,552,115	6,932,509	2,854,451	324,630	1,250,528
20 to 24 years	7,335,016	9,056,984	9,277,021	10,870,378	6,355,507	2,448,656	601,992	1,203,191
25 to 29 years	6,529,441	8,180,003	9,086,491	9,833,608	5,500,780	2,042,910	1,021,006	1,071,787
30 to 34 years	5,556,039	6,972,185	8,071,193	9,120,421	4,916,005	1,946,931	1,248,330	864,514
35 to 39 years	4,964,781	6,396,100	7,775,281	9,208,645	4,675,975	1,875,978	1,031,567	890,900
40 to 44 years	4,247,166	5,261,587	6,345,557	7,990,195	3,953,253	1,551,078	1,694,176	687,423
45 to 49 years	3,454,612	4,469,197	5,763,620	7,042,279	3,454,299	1,303,476	1,565,214	630,065
50 to 54 years	2,942,829	3,900,791	4,734,873	5,975,804	2,941,026	1,150,660	1,317,370	804,590
55 to 59 years	2,211,172	2,786,951	3,540,124	4,645,077	2,300,842	963,652	1,028,613	309,397
60 to 64 years	1,791,363	2,267,150	2,982,548	3,751,221	1,821,621	744,795	910,577	242,189
65 to 69 years	1,302,926	1,679,503	2,068,475	2,770,605	1,346,942	535,584	712,314	155,177
70 to 74 years	883,841	1,113,728	1,395,036	1,950,004	1,019,306	358,130	460,614	93,066
75 to 79 years	519,857	667,302	856,560	1,106,390	612,330	157,752	260,780	58,711
80 to 84 years	251,512	321,754	402,779	534,676	303,217	52,694	140,892	33,377
85 to 89 years	88,600	122,818	156,539	205,460	115,450	16,389	56,575	14,948
90 to 94 years	23,992	33,473	39,980	51,664	27,260	3,239	13,954	6,332
95 to 99 years	6,266	7,391	9,579	11,033	4,723	544	2,714	2,611
100 years and over	3,504	3,555	4,267	3,964	659	71	450	2,467
Unknown	200,584	169,055	148,690	94,022	57,361	10,144	9,824	13,731
PER CENT								
All ages	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	*12.1*	*11.6*	*10.9*	*9.3*	*11.3*	*7.7*	*.2*	*10.3*
Under 1 year	*2.5*	*2.4*	*2.1*	*1.8*	*2.2*	*1.4*	(2)	*2.0*
5 to 9 years	11.7	10.6	10.8	10.3	11.9	9.9	.9	11.5
10 to 14 years	10.6	9.9	10.1	9.8	10.7	11.3	1.1	10.5
15 to 19 years	9.9	9.9	8.9	9.4	9.9	11.3	2.4	10.5
20 to 24 years	9.7	9.8	8.8	8.9	9.1	9.7	5.0	10.1
25 to 29 years	8.6	8.9	8.6	8.0	7.9	8.1	7.6	9.0
30 to 34 years	7.3	7.6	7.6	7.4	7.0	7.7	9.3	7.3
35 to 39 years	6.5	7.0	7.4	7.5	6.7	7.4	12.2	7.5
40 to 44 years	5.6	5.7	6.0	6.5	5.6	6.1	12.7	5.8
45 to 49 years	4.5	4.9	5.5	5.7	4.9	5.1	11.7	5.3
50 to 54 years	3.9	4.2	4.5	4.9	4.2	4.5	9.9	4.2
55 to 59 years	2.9	3.0	3.4	3.8	3.3	3.8	7.7	2.6
60 to 64 years	2.4	2.5	2.8	3.1	2.6	2.9	6.8	2.0
65 to 69 years	1.7	1.8	2.0	2.3	1.9	2.1	5.3	1.3
70 to 74 years	1.2	1.2	1.3	1.6	1.5	1.4	3.4	.8
75 to 79 years	.7	.7	.8	.9	.9	.6	2.0	.5
80 to 84 years	.3	.3	.4	.4	.4	.2	1.1	.3
85 years and over	.2	.2	.2	.2	.2	.1	.6	.2
Unknown	.3	.2	.1	.1	.1	(2)	.1	.1

Age group	Number, 1930		Per cent		Age group	Number, 1930		Per cent	
	Male	Female	Male	Female		Male	Female	Male	Female
All ages	62,137,080	60,637,966	100.0	100.0	50 to 54 years	3,131,645	2,844,159	5.0	4.7
Under 5 years	5,806,174	5,638,216	9.3	9.3	55 to 59 years	2,425,992	2,219,685	3.9	3.7
Under 1 year	*1,112,171*	*1,078,620*	*1.8*	*1.8*	60 to 64 years	1,941,508	1,809,713	3.1	3.0
5 to 9 years	6,381,108	6,226,501	10.3	10.3	65 to 69 years	1,417,812	1,352,793	2.3	2.2
10 to 14 years	6,068,777	5,936,100	9.8	9.8	70 to 74 years	991,647	958,357	1.6	1.6
15 to 19 years	5,757,827	5,794,290	9.3	9.6	75 to 79 years	547,604	558,786	.9	.9
20 to 24 years	5,336,815	5,533,563	8.6	9.1	80 to 84 years	251,138	283,538	.4	.5
25 to 29 years	4,860,180	4,973,428	7.8	8.2	85 to 89 years	90,893	114,576	.1	.2
30 to 34 years	4,561,786	4,558,635	7.3	7.5	90 to 94 years	20,431	31,233	(2)	.1
35 to 39 years	4,679,860	4,528,785	7.5	7.5	95 to 99 years	4,283	6,750	(2)	(2)
40 to 44 years	4,136,459	3,853,736	6.7	6.4	100 years and over	1,403	2,561	(2)	(2)
45 to 49 years	3,671,924	3,370,355	5.9	5.6	Unknown	51,816	42,206	.1	.1

[1] Totals include races not shown separately for 1930.
[2] *Less than one-tenth of* 1 per cent.

Source: Bureau of the Census, Department of Commerce.

No. 31.—MEDIAN AGES BY COLOR, NATIVITY, AND SEX: CONTINENTAL UNITED STATES

Sex	All classes		Native white						Foreign-born white		Negro	
			Total		Native parentage		Foreign or mixed parentage					
	1920	1930	1920	1930	1920	1930	1920	1930	1920	1930	1920	1930
Total	25.2	26.4	22.4	23.8	22.7	23.3	21.6	25.1	40.0	44.4	22.3	23.4
Male	25.8	26.7	22.4	23.7	22.8	23.4	21.4	24.7	40.1	44.6	22.8	23.7
Female	24.7	26.1	22.3	23.9	22.5	23.3	21.9	25.4	39.9	44.0	22.0	23.2

No. 32.—POPULATION OF ALASKA, HAWAII, AND PUERTO RICO: BY SEX, RACE, NATIVITY, AND AGE

NOTE.—Data represent actual enumerations. For estimated total population for intercensal years see Table 12, p. 10

	1910	1920	1930
ALASKA			
Total	64,356	55,036	59,278
Male	45,857	34,539	35,764
Female	18,499	20,497	23,514
White	36,400	27,883	28,640
Indian	25,331	26,558	29,983
Chinese	1,209	56	26
Japanese	913	312	278
Negro	209	128	136
All other	294	99	215
Native	43,921	42,766	48,709
Foreign born	20,435	12,270	10,569
Native white	18,426	16,286	18,460
Native parentage	10,993	9,538	10,990
Foreign parentage	4,760	4,174	4,324
Mixed parentage	2,673	2,574	3,146
Foreign-born white	17,974	11,597	10,180
Under 5 years	5,363	5,669	6,356
Under 1 year	1,108	1,152	1,339
5 to 9 years	4,020	5,599	6,078
10 to 14 years	2,876	4,292	5,095
15 to 19 years	3,534	3,279	4,735
20 to 44 years	35,970	22,676	21,036
45 years and over	11,965	13,224	15,839
Age unknown	622	297	139
HAWAII			
Total	191,909	255,912	368,336
Male	123,099	151,146	222,640
Female	68,810	104,766	145,696
Hawaiian	26,041	23,723	22,636
Part-Hawaiian	12,506	18,027	28,224
White	44,048	54,742	80,373
Chinese	21,674	23,507	27,179
Japanese	79,675	109,274	139,631
Filipino	2,361	21,031	63,052
Korean	4,533	4,950	6,461
Negro	695	348	563
Other races	376	310	217
HAWAII—continued			
Native	98,157	168,671	299,799
Native parentage	47,347	79,242	161,708
Foreign parentage	41,387	73,079	106,945
Mixed parentage	9,423	16,350	31,145
Foreign born	93,752	87,241	68,537
Under 5 years	24,065	38,550	48,180
Under 1 year	5,515	8,579	9,573
5 to 9 years	19,055	30,195	47,119
10 to 14 years	13,537	22,060	38,042
15 to 19 years	13,650	20,645	33,490
20 to 44 years	95,721	103,416	147,919
45 years and over	25,825	40,933	53,483
Age unknown	56	113	103
PUERTO RICO			
Total	1,118,012	1,299,809	1,543,913
Male	557,301	647,825	771,761
Female	560,711	651,984	772,152
White	732,555	948,709	1,146,719
Black	50,245	49,246	397,156
Mulatto	335,192	301,816	
Other	20	38	38
Native	1,106,246	1,291,642	1,537,896
Foreign born	11,766	8,167	6,017
Native white	722,791	941,228	1,141,114
Native parentage	696,699	915,807	1,120,309
Foreign parentage	4,254	3,898	3,252
Mixed parentage	21,838	21,523	17,463
Foreign-born white	9,764	7,481	5,605
Under 5 years	185,189	200,255	226,468
Under 1 year	39,860	43,184	44,033
5 to 9 years	151,223	195,131	224,022
10 to 14 years	143,751	168,054	199,337
15 to 19 years	113,789	126,248	186,150
20 to 44 years	389,775	441,128	508,729
45 years and over	134,231	168,696	198,985
Age unknown	54	297	222

Source of Tables 31 and 32: Bureau of the Census, Department of Commerce.

No. 33.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER: CONTINENTAL UNITED STATES, 1920 AND 1930, AND BY GEOGRAPHIC DIVISIONS, 1930

NOTE.—For definition of urban population, see Table 7. Illiteracy in this and subsequent tables is defined as inability to write in any language, regardless of ability to read. Per cents represent proportion illiterate in the total number of persons of given class and age

Division, sex, and age	All classes [1]		Native white, native parentage		Native white, foreign or mixed parentage		Foreign-born white		Negro	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
United States, 1920 [2]	4,931,905	6.0	1,109,875	2.5	132,697	0.3	1,763,740	13.1	1,842,161	22.9
10 to 20 years	593,794	2.7	171,504	1.3	30,339	.6	56,595	5.7	329,174	13.0
21 years and over	4,333,111	7.1	938,311	3.0	102,358	.9	1,707,145	13.7	1,512,987	27.4
Urban, total	1,955,112	4.4	155,493	.8	55,620	.5	1,327,520	13.0	402,170	13.4
Rural, total	2,976,793	7.7	954,382	3.8	77,077	1.4	436,220	13.3	1,439,991	28.5
United States, 1930	4,283,753	4.3	986,469	1.8	116,665	.6	1,304,084	9.9	1,513,892	16.3
Males	2,198,293	4.4	577,312	2.1	62,736	.6	573,977	8.1	801,949	17.6
Females	2,085,460	4.3	409,157	1.5	53,929	.5	730,107	11.9	711,943	15.1
10 to 20 years	420,538	1.6	131,151	.8	17,015	.3	7,582	1.3	267,242	7.5
21 years and over	3,863,215	5.3	855,318	2.2	99,650	.7	1,296,502	10.3	1,306,650	20.0
Urban, total	1,800,604	3.2	183,227	.6	60,369	.4	1,058,845	10.0	395,849	9.3
10 to 20 years	65,863	.5	17,056	.2	9,661	.2	6,325	1.3	22,556	2.3
21 years and over	1,734,741	4.0	146,171	.7	50,708	.5	1,052,520	10.4	373,293	11.2
Rural, total	2,483,149	6.0	823,242	3.0	56,296	1.0	245,239	9.4	1,118,043	22.4
10 to 20 years	354,675	2.8	114,095	1.3	7,354	.8	1,257	1.5	184,686	10.3
21 years and over	2,128,474	7.3	709,147	3.8	48,942	1.2	243,982	9.6	933,357	20.2
New England	245,270	3.7	14,080	.6	16,049	.7	210,046	11.6	4,187	5.5
10 to 20 years	5,460	.3	1,934	.3	2,415	.3	1,000	1.1	83	.5
21 years and over	239,810	4.7	12,146	.7	13,634	.9	209,046	12.1	4,104	7.0
Urban, total	198,234	3.8	4,903	.3	9,998	.5	179,423	11.6	3,089	4.7
Rural, total	47,036	3.1	9,177	1.1	6,051	1.6	30,623	11.5	1,098	11.0
Middle Atlantic	757,223	3.5	52,050	.6	30,893	.5	636,479	12.2	32,223	3.7
10 to 20 years	19,062	.4	6,564	.3	6,715	.3	4,307	1.8	1,275	.7
21 years and over	738,160	4.5	45,486	.7	23,978	.6	632,172	12.7	30,948	4.4
Urban, total	621,593	3.7	23,135	.4	21,245	.4	546,551	11.9	25,644	3.3
Rural, total	135,635	2.9	28,915	1.0	9,448	1.0	89,928	15.0	6,579	7.3
East North Central	442,064	2.1	79,697	.7	30,587	.6	281,645	8.8	36,454	4.7
10 to 20 years	13,607	.3	7,424	.2	3,805	.2	1,337	1.0	779	.5
21 years and over	428,457	2.7	72,273	.9	27,282	.7	280,308	9.2	35,675	5.7
Urban, total	315,746	2.3	27,727	.4	14,882	.4	232,547	8.8	30,204	4.3
Rural, total	126,318	1.9	51,970	1.1	15,705	1.1	49,098	8.9	6,250	9.3
West North Central	156,063	1.4	53,276	.8	15,592	.5	51,983	4.9	21,170	7.3
10 to 20 years	9,771	.4	6,211	.3	1,572	.3	222	1.0	845	1.5
21 years and over	146,297	1.8	47,065	1.1	13,990	.6	51,760	5.0	20,325	9.2
Urban, total	63,093	1.4	12,354	.5	5,182	.4	28,156	5.6	12,936	5.9
Rural, total	92,975	1.5	40,922	1.1	10,380	.6	23,826	4.3	8,234	14.1
South Atlantic	1,012,523	8.3	310,381	3.9	4,202	.8	31,323	10.4	663,055	19.7
10 to 20 years	153,182	4.1	41,905	1.7	483	.3	180	1.5	109,534	9.5
21 years and over	859,341	10.2	268,476	4.9	3,719	1.0	31,148	10.8	552,521	25.0
Urban, total	220,729	4.7	38,590	1.4	2,228	.6	21,604	9.8	157,917	13.2
Rural, total	791,794	10.5	271,791	5.3	1,974	1.5	9,724	12.1	504,138	23.2
East South Central	727,861	9.6	268,052	5.1	2,078	1.2	4,238	7.4	452,082	22.0
10 to 20 years	98,070	4.2	38,826	2.3	137	.5	18	1.1	59,503	9.2
21 years and over	628,891	12.0	229,226	6.3	1,941	1.3	4,220	7.6	392,519	28.0
Urban, total	121,549	5.4	24,955	1.7	746	.6	2,721	6.6	93,019	14.3
Rural, total	606,312	11.5	243,097	6.4	1,332	2.8	1,517	9.6	359,063	25.2
West South Central	675,791	7.2	172,286	2.7	10,181	2.0	15,958	9.4	302,280	17.0
10 to 20 years	101,159	3.6	24,052	1.2	1,150	1.1	91	2.0	35,062	8.5
21 years and over	574,632	8.7	148,234	3.3	9,031	2.2	15,867	9.6	267,218	21.6
Urban, total	157,892	4.4	23,214	1.0	2,920	1.1	7,594	7.8	70,728	11.4
Rural, total	517,899	8.9	149,072	3.7	7,252	3.0	8,364	11.6	231,552	20.0
Mountain	120,866	4.2	26,730	1.5	2,810	.4	15,962	5.6	1,070	4.1
10 to 20 years	13,462	1.7	2,702	.5	354	.2	93	1.0	51	1.1
21 years and over	107,404	5.1	24,028	2.0	1,962	.4	15,869	5.7	1,019	4.8
Urban, total	22,478	1.9	4,611	.7	833	.3	6,522	4.9	622	3.4
Rural, total	98,388	5.7	22,119	2.1	1,483	.5	9,440	6.2	448	5.8
Pacific	148,082	2.1	9,917	.3	4,997	.3	56,446	4.9	2,371	3.1
10 to 20 years	5,865	.4	1,533	.2	884	.2	334	.6	50	.4
21 years and over	140,217	2.6	8,384	.3	4,113	.3	56,112	5.1	2,321	3.6
Urban, total	79,290	1.7	3,738	.2	2,326	.2	33,727	4.1	1,690	2.5
Rural, total	66,792	3.1	6,179	.5	2,671	.6	22,719	7.0	681	6.9

[1] Includes Indians, Chinese, Japanese, and other nonwhite not shown separately.
[2] Figures for native white of foreign or mixed parentage and for foreign-born white in 1920 include persons of the Mexican race who were given a separate classification in 1930.

Source: Bureau of the Census, Department of Commerce.

No. 34.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER AND 21 YEARS OF AGE AND OVER: BY STATES, 1930

Division and State	Number of illiterate persons 10 years of age and over						Illiterate persons of voting age	
	All classes [1]			Native white	Foreign-born white	Negro	Male	Female
	Total	Male	Female					
Continental United States	4,283,753	2,198,293	2,085,460	1,103,134	1,304,084	1,513,892	1,942,729	1,920,486
New England	245,270	110,237	135,033	30,129	210,046	4,187	107,189	132,621
Maine	17,172	10,294	6,878	8,617	8,393	43	9,580	6,512
New Hampshire	10,231	5,341	4,890	2,366	7,820	27	5,156	4,772
Vermont	6,299	3,805	2,494	3,261	3,005	22	3,635	2,378
Massachusetts	124,158	52,936	71,222	9,652	111,568	2,303	51,766	70,159
Rhode Island	27,536	12,027	15,509	2,732	24,124	635	11,742	15,247
Connecticut	59,874	25,834	34,040	3,501	55,136	1,157	26,310	33,553
Middle Atlantic	757,228	337,079	420,149	82,743	636,479	32,223	327,351	410,315
New York	388,883	165,262	223,621	34,654	341,345	8,604	160,435	218,745
New Jersey	128,022	57,651	70,371	11,572	107,192	8,711	56,065	68,867
Pennsylvania	240,323	114,166	126,157	36,517	187,942	14,908	110,851	123,203
East North Central	442,064	223,325	218,739	110,284	231,545	36,454	215,661	212,706
Ohio	123,804	63,489	60,315	32,387	74,131	16,213	61,239	58,493
Indiana	43,721	24,009	19,112	22,510	13,536	5,605	23,605	18,442
Illinois	153,507	73,953	79,554	28,284	108,984	10,044	71,756	77,748
Michigan	76,800	38,620	38,180	14,790	55,034	4,201	37,340	37,233
Wisconsin	44,232	22,654	21,578	12,313	29,860	391	21,721	20,880
West North Central	156,068	83,166	72,903	68,838	51,932	21,170	77,263	69,034
Minnesota	26,302	13,185	13,117	7,244	16,759	160	12,428	12,543
Iowa	15,879	8,624	7,255	8,177	5,932	777	8,008	6,782
Missouri	67,905	38,163	29,742	39,252	11,183	16,532	35,394	28,181
North Dakota	7,814	3,850	3,964	1,763	4,640	11	3,456	3,704
South Dakota	6,763	3,191	3,572	1,639	2,422	12	2,942	3,374
Nebraska	12,725	6,124	6,601	3,762	6,924	450	5,709	6,287
Kansas	18,680	10,028	8,652	7,001	4,113	3,228	9,326	8,163
South Atlantic	1,012,523	555,456	457,067	314,683	31,328	662,056	455,746	403,595
Delaware	7,805	4,160	3,645	1,896	2,392	3,496	3,984	3,536
Maryland	49,910	26,987	22,923	13,202	11,539	25,073	25,105	21,807
Dist. of Columbia	6,611	2,827	3,784	533	1,411	4,591	2,741	3,715
Virginia	102,588	93,666	68,922	65,482	1,738	95,148	78,805	61,645
West Virginia	62,492	36,791	25,701	42,476	9,788	10,173	33,224	23,629
North Carolina	236,261	130,482	105,779	93,372	450	139,105	107,944	94,279
South Carolina	192,878	99,523	93,355	36,246	297	156,065	74,332	77,930
Georgia	210,736	115,860	94,867	46,898	554	163,237	91,613	83,459
Florida	83,242	45,151	38,091	14,478	3,159	65,167	37,998	33,545
East South Central	727,861	405,309	322,552	270,130	4,238	452,082	342,070	286,821
Kentucky	131,545	77,834	53,711	101,695	1,267	28,553	66,858	48,047
Tennessee	145,460	84,489	60,971	87,406	754	57,251	71,930	54,985
Alabama	251,095	133,645	117,450	60,959	1,335	188,673	110,565	103,359
Mississippi	199,761	109,341	90,420	20,070	882	177,605	92,708	80,430
West South Central	875,791	350,340	325,451	182,487	15,958	302,280	293,650	280,982
Arkansas	98,818	53,666	43,152	35,890	666	60,102	45,541	38,856
Louisiana	219,760	109,745	110,005	71,903	6,677	139,393	93,524	97,725
Oklahoma	51,102	30,114	20,988	27,796	1,479	12,560	26,141	18,946
Texas	308,121	156,815	151,306	46,878	7,136	90,225	128,444	125,655
Mountain	120,866	57,857	63,009	29,048	15,982	1,070	51,435	55,969
Montana	7,308	4,042	3,261	932	3,085	52	3,873	3,116
Idaho	3,743	2,177	1,566	1,151	1,198	25	2,045	1,475
Wyoming	2,895	1,674	1,221	381	811	47	1,541	1,102
Colorado	23,141	10,716	12,425	5,807	7,331	403	9,962	11,646
New Mexico	41,845	18,329	23,516	18,733	530	140	15,739	20,567
Arizona	33,969	16,309	17,660	960	551	366	13,994	14,998
Utah	4,640	2,642	1,998	952	1,547	30	2,390	1,765
Nevada	3,330	1,968	1,362	130	909	7	1,891	1,300
Pacific	146,082	75,525	70,557	14,914	56,446	2,371	72,364	67,853
Washington	13,458	7,043	6,415	3,031	7,103	174	6,527	6,107
Oregon	7,814	4,423	3,391	2,043	3,743	49	4,170	3,201
California	124,810	64,059	60,751	9,840	45,600	2,148	61,667	58,545

[1] The total includes 362,643 illiterate persons among the Mexicans, Indians, Chinese, Japanese, and other nonwhite population.

Source: Bureau of the Census, Department of Commerce.

No. 35.—PERCENTAGE OF ILLITERACY: By States

Division and State	Per cent illiterate among persons 10 years of age and over										Per cent illiterate among persons of voting age, 1930	
	All classes		Male	Female	Native white		Foreign-born white		Negro			
	1920	1930	1930	1930	1920[1]	1930	1920[1]	1930	1920	1930	Male	Female
Continental United States	6.0	4.3	4.4	4.3	2.0	1.5	13.1	9.9	22.9	16.3	5.2	5.4
New England	4.9	3.7	3.4	3.9	.7	.6	14.9	11.6	7.1	5.5	4.3	5.1
Maine	3.3	2.7	3.2	2.1	1.6	1.6	11.1	8.5	5.9	4.8	3.9	2.7
New Hampshire	4.4	2.7	2.8	2.5	.7	.8	15.4	9.6	6.7	3.9	3.5	3.2
Vermont	3.0	2.2	2.6	1.7	1.5	1.3	11.3	7.2	6.2	4.9	3.2	2.2
Massachusetts	4.7	3.5	3.1	3.9	.4	.4	12.8	10.7	6.8	5.4	4.0	5.0
Rhode Island	6.5	4.9	4.4	5.4	.7	.7	16.5	14.3	10.2	8.1	5.8	7.0
Connecticut	6.2	4.5	3.9	5.1	.4	.4	17.0	14.6	6.2	4.9	5.2	6.8
Middle Atlantic	4.9	3.5	3.1	3.9	.6	.5	15.7	12.2	5.0	3.7	4.0	5.1
New York	5.1	3.7	3.1	4.3	.5	.5	14.2	10.8	2.9	2.5	3.9	5.4
New Jersey	5.1	3.8	3.5	4.2	.6	.5	15.3	12.9	6.1	5.1	4.4	5.5
Pennsylvania	4.6	3.1	2.9	3.3	.8	.6	18.9	15.4	6.1	4.2	3.9	4.4
East North Central	2.9	2.1	2.1	2.2	.9	.7	10.8	8.8	7.3	4.7	2.7	2.8
Ohio	2.8	2.3	2.3	2.2	.9	.7	12.0	11.6	8.1	6.4	2.9	2.9
Indiana	2.2	1.7	1.8	1.5	1.3	.9	11.8	10.1	9.5	6.0	2.3	1.9
Illinois	3.4	2.4	2.3	2.6	.8	.6	11.0	9.0	6.7	3.6	2.9	3.3
Michigan	3.0	2.0	1.9	2.1	.7	.5	9.9	6.7	4.2	3.0	2.4	2.7
Wisconsin	2.4	1.9	1.8	1.9	.7	.6	8.4	7.8	4.1	4.4	2.4	2.5
West North Central	2.0	1.4	1.5	1.4	.9	.7	6.4	4.9	10.5	7.6	1.9	1.8
Minnesota	1.8	1.3	1.2	1.3	.4	.4	5.4	4.3	3.1	2.0	1.6	1.7
Iowa	1.1	.8	.8	.7	.5	.4	4.9	3.6	8.1	5.4	1.0	.9
Missouri	3.0	2.3	2.6	2.0	2.0	1.5	9.6	7.5	12.1	8.8	3.1	2.5
North Dakota	2.1	1.5	1.4	1.6	.4	.4	5.6	4.4	4.0	3.4	1.8	2.3
South Dakota	1.7	1.2	1.1	1.4	.4	.4	4.7	3.7	5.2	2.2	1.4	1.9
Nebraska	1.4	1.2	1.1	1.2	.4	.4	6.4	6.0	4.8	3.9	1.4	1.6
Kansas	1.6	1.2	1.3	1.2	.6	.5	10.5	5.9	8.8	5.9	1.6	1.5
South Atlantic	11.5	8.3	9.2	7.5	5.1	3.7	12.8	10.4	25.2	19.7	10.9	9.5
Delaware	5.9	4.0	4.2	3.8	1.8	1.2	17.3	14.3	19.1	13.2	5.2	4.9
Maryland	5.6	3.8	4.1	3.5	1.8	1.3	13.4	12.2	18.2	11.4	5.0	4.4
District of Columbia	2.8	1.6	1.4	1.7	.3	.2	6.1	4.8	8.6	4.1	1.7	2.1
Virginia	11.2	8.7	10.0	7.4	5.9	4.8	7.1	7.4	23.5	19.2	12.1	9.5
West Virginia	6.4	4.8	5.5	4.1	4.6	3.7	24.0	19.2	15.3	11.3	7.0	5.5
North Carolina	13.1	10.0	11.2	8.9	8.2	5.6	6.8	5.2	24.5	20.6	14.2	12.0
South Carolina	18.1	14.9	15.8	14.1	6.5	5.1	6.2	5.7	29.3	26.9	18.8	18.4
Georgia	15.3	9.4	10.6	8.3	5.4	3.3	5.4	4.0	29.1	19.9	12.5	10.9
Florida	9.6	7.1	7.7	6.5	2.9	1.9	6.3	5.4	21.5	18.8	8.7	7.8
East South Central	12.7	9.6	10.8	8.5	6.4	5.0	9.1	7.4	27.9	22.0	13.1	11.0
Kentucky	8.4	6.6	7.7	5.4	7.0	5.7	7.3	5.8	21.0	15.4	9.3	6.8
Tennessee	10.3	7.2	8.4	6.0	7.3	5.4	8.3	5.8	22.4	14.9	10.3	7.7
Alabama	16.1	12.6	13.5	11.6	6.3	4.8	10.9	8.5	31.3	26.2	16.6	15.2
Mississippi	17.2	13.1	14.4	11.8	3.6	2.7	13.3	12.6	29.3	23.2	18.0	15.6
West South Central	10.0	7.2	7.3	7.0	4.1	2.6	29.9	9.4	25.3	17.0	8.7	8.7
Arkansas	9.4	6.8	7.4	6.2	4.5	3.5	8.3	6.6	21.8	16.1	9.2	8.2
Louisiana	21.9	13.5	13.6	13.5	10.5	7.3	21.9	10.2	38.5	23.3	16.5	17.2
Oklahoma	3.8	2.8	3.2	2.4	2.3	1.7	14.0	5.6	12.4	9.3	3.0	3.1
Texas	8.3	6.8	6.8	6.8	3.0	1.4	33.8	7.3	17.8	13.4	7.8	8.0
Mountain	5.2	4.2	3.7	4.6	2.0	1.2	12.7	5.6	5.3	4.1	4.5	5.8
Montana	2.3	1.7	1.7	1.7	.3	.3	5.6	4.3	6.0	4.6	2.1	2.3
Idaho	1.5	1.1	1.2	1.0	.3	.4	6.5	4.0	5.4	4.2	1.5	1.3
Wyoming	2.1	1.6	1.7	1.6	.3	.3	9.0	4.2	5.3	4.2	2.0	2.0
Colorado	3.2	2.8	2.5	3.1	1.4	.8	12.4	8.6	6.2	3.9	3.1	3.9
New Mexico	15.6	13.3	11.2	15.7	11.6	7.7	27.1	6.8	4.3	6.0	13.6	20.3
Arizona	15.3	10.1	9.0	11.4	2.1	.5	27.5	3.6	4.6	4.0	10.4	13.7
Utah	1.9	1.2	1.3	1.1	.3	.3	6.3	3.6	4.6	3.2	1.7	1.4
Nevada	5.9	4.4	4.3	4.5	.4	.2	8.5	7.5	5.1	1.5	5.0	5.6
Pacific	2.7	2.1	2.1	2.1	.4	.3	8.6	4.9	4.6	3.1	2.5	2.6
Washington	1.7	1.0	1.0	1.0	.3	.3	4.7	2.9	4.0	2.9	1.2	1.3
Oregon	1.5	1.0	1.0	.9	.4	.3	5.1	3.6	4.7	2.5	1.3	1.1
California	3.3	2.6	2.6	2.6	.4	.3	10.5	5.7	4.7	3.1	3.0	3.2

[1] A part of the decreases from 1920 to 1930 in the percentage illiterate in some States is doubtless due to the separate classification in 1930 of Mexicans who were included in 1920 with the white population.

Source: Bureau of the Census, Department of Commerce.

No. 36.—MARITAL CONDITION OF PERSONS 15 YEARS

Division and State	Males 15 years of age and over								
	Number						Per cent of total		
	Total	Single	Married	Widowed	Divorced	Unknown	Single	Married	Widowed
Continental United States	43,881,021	14,953,712	26,327,109	2,025,036	489,478	85,686	34.1	60.0	4.6
New England	2,901,430	1,024,340	1,701,884	146,012	24,588	4,606	35.3	58.7	5.0
Maine	285,114	90,569	172,525	17,444	4,102	474	31.8	60.5	6.1
New Hampshire	168,465	54,409	100,586	10,680	2,545	185	32.3	59.7	6.3
Vermont	131,484	44,308	77,078	8,232	1,779	94	33.7	58.6	6.3
Massachusetts	1,501,904	545,566	870,510	72,410	10,610	2,808	36.3	58.0	4.8
Rhode Island	238,674	84,434	140,310	11,568	2,070	292	35.4	58.8	4.8
Connecticut	575,789	204,999	340,877	25,678	3,482	753	35.6	59.2	4.5
Middle Atlantic	9,580,982	3,413,672	5,673,131	421,004	50,541	22,634	35.6	59.2	4.4
New York	4,714,608	1,718,371	2,761,608	197,157	22,117	15,055	36.4	58.6	4.2
New Jersey	1,470,159	512,215	892,349	62,415	7,137	2,043	34.7	60.5	4.2
Pennsylvania	3,396,215	1,183,086	2,018,874	161,432	21,287	5,536	34.9	59.6	4.8
East North Central	9,378,073	3,100,837	5,701,796	435,523	126,309	13,608	33.1	60.8	4.6
Ohio	2,436,685	769,282	1,514,131	117,191	33,696	2,385	31.6	62.1	4.8
Indiana	1,185,534	351,910	750,884	62,775	18,076	1,889	29.7	63.3	5.3
Illinois	2,860,347	985,343	1,715,640	127,762	35,562	5,040	34.3	59.8	4.5
Michigan	1,806,530	691,745	1,095,563	78,849	28,161	2,212	33.3	60.6	4.4
Wisconsin	1,079,977	302,557	625,578	48,946	10,814	2,082	30.3	57.9	4.5
West North Central	4,844,547	1,673,552	2,878,764	227,980	58,184	8,067	34.5	59.4	4.7
Minnesota	939,795	337,844	520,870	41,981	8,135	965	39.1	55.4	4.5
Iowa	899,826	298,856	545,117	43,180	11,758	915	33.2	60.6	4.8
Missouri	1,330,551	415,233	825,917	68,248	18,442	2,711	31.2	62.1	5.1
North Dakota	241,350	104,297	125,070	9,269	1,611	503	43.2	52.1	3.8
South Dakota	249,409	97,168	138,870	10,447	2,314	610	39.0	55.7	4.2
Nebraska	498,502	172,548	297,725	21,894	5,645	890	34.6	59.7	4.4
Kansas	685,114	247,606	422,595	33,161	10,279	1,473	31.8	61.7	4.8
South Atlantic	5,167,443	1,757,614	3,129,689	233,004	38,338	10,798	34.0	60.6	4.5
Delaware	88,886	30,568	52,694	4,712	661	251	34.4	59.3	5.3
Maryland	588,805	205,202	348,063	28,554	4,869	1,907	34.8	59.1	4.9
District of Columbia	181,073	63,695	107,418	8,113	1,808	639	35.1	59.1	4.5
Virginia	802,623	284,780	473,870	35,948	5,801	2,224	35.5	59.0	4.5
West Virginia	575,638	195,006	352,122	22,899	5,183	428	33.9	61.2	4.0
North Carolina	968,308	336,359	589,236	37,605	3,815	1,293	34.7	60.9	3.9
South Carolina	516,766	180,416	312,653	21,918	1,418	361	34.9	60.5	4.2
Georgia	926,871	304,704	569,512	45,205	6,341	1,109	32.9	61.4	4.9
Florida	517,783	156,884	324,121	27,750	6,442	2,586	30.3	62.6	5.4
East South Central	3,214,755	1,005,370	2,016,400	156,157	31,127	5,701	31.3	62.7	4.9
Kentucky	870,198	270,339	546,342	43,573	9,005	939	31.1	62.8	5.0
Tennessee	864,634	270,071	541,796	41,673	8,269	2,225	31.3	62.7	4.8
Alabama	835,246	266,977	521,268	38,946	7,307	748	32.0	62.4	4.7
Mississippi	644,677	197,383	406,994	31,965	6,546	1,789	30.6	63.1	5.0
West South Central	4,144,135	1,325,281	2,565,026	195,548	53,534	4,768	32.0	61.9	4.7
Arkansas	613,805	183,707	389,325	33,197	7,057	519	29.9	63.4	5.4
Louisiana	692,180	230,262	422,503	32,460	6,121	814	33.3	61.0	4.7
Oklahoma	823,058	254,549	517,512	37,583	12,548	866	30.9	62.9	4.6
Texas	2,015,112	656,743	1,235,686	92,306	27,808	2,569	32.6	61.3	4.6
Mountain	1,354,047	499,101	775,861	62,515	24,269	2,301	36.1	57.3	4.6
Montana	211,910	86,283	111,496	9,397	4,328	396	40.7	52.6	4.4
Idaho	163,154	59,389	93,455	6,990	3,020	300	36.4	57.3	4.3
Wyoming	89,966	35,726	48,671	3,715	1,611	243	39.7	54.1	4.1
Colorado	379,165	125,015	227,494	18,895	6,938	823	33.0	60.0	5.0
New Mexico	141,079	47,817	83,537	7,938	1,678	109	33.9	59.2	5.6
Arizona	158,621	57,232	90,370	7,785	2,957	277	36.1	57.0	4.9
Utah	168,237	59,334	100,785	5,842	2,153	123	35.3	59.9	3.5
Nevada	41,915	18,305	20,053	1,953	1,574	30	43.7	47.8	4.7
Pacific	3,295,609	1,163,965	1,886,558	147,295	84,588	13,203	35.3	57.2	4.5
Washington	628,346	224,798	357,702	28,951	14,876	2,019	35.8	56.9	4.6
Oregon	381,529	130,703	221,806	18,332	10,126	497	34.3	58.1	4.8
California	2,285,734	808,399	1,307,050	100,012	59,586	10,687	35.4	57.2	4.4

Source: Bureau of the Census, Department of Commerce.

OF AGE AND OVER, BY SEX: BY STATES, 1930

Females 15 years of age and over									Division and State
Number						Per cent of total			
Total	Single	Married	Widowed	Divorced	Unknown	Single	Married	Widowed	
42,837,149	11,306,653	26,170,756	4,734,207	573,149	52,385	26.4	61.1	11.1	U. S.
3,044,692	972,313	1,897,691	340,898	30,705	3,085	31.9	55.8	11.2	N. E.
283,484	72,768	172,270	33,899	4,211	336	25.7	60.8	12.0	Me.
171,907	48,174	99,922	21,148	2,534	129	28.0	58.1	12.3	N. H.
126,417	32,274	76,472	16,004	1,582	85	25.5	60.5	12.7	Vt.
1,620,410	551,892	869,725	181,875	15,020	1,898	34.1	53.7	11.2	Mass.
256,835	85,282	140,578	27,821	3,056	98	33.2	54.7	10.8	R. I.
685,639	181,923	338,724	60,151	4,302	539	31.1	57.8	10.3	Conn.
9,547,467	2,804,829	5,622,781	1,038,636	64,634	16,587	29.4	58.9	10.9	M. A.
4,721,139	1,417,657	2,738,973	522,983	30,596	10,930	30.0	58.0	11.1	N. Y.
1,470,247	416,041	884,506	158,585	9,678	1,437	28.3	60.2	10.8	N. J.
3,356,081	971,131	1,999,302	357,068	24,360	4,220	28.9	59.6	10.6	Pa.
8,961,167	2,246,305	5,640,326	934,140	132,226	8,170	25.1	62.9	10.4	E. N. C.
2,384,808	594,443	1,496,574	255,108	37,165	1,518	24.9	62.8	10.7	Ohio.
1,155,904	262,586	744,990	128,917	18,458	1,013	22.7	64.4	11.2	Ind.
2,780,510	735,489	1,701,891	299,551	40,186	3,393	26.5	61.2	10.8	Ill.
1,629,915	373,677	1,075,586	154,241	25,259	1,152	22.9	66.0	9.5	Mich.
1,009,970	280,110	621,285	96,323	11,158	1,094	27.7	61.5	9.5	Wis.
4,632,669	1,225,894	2,865,534	475,523	61,908	3,810	26.5	61.9	10.3	W. N. C.
882,618	270,487	519,131	83,104	9,283	613	30.6	58.8	9.4	Minn.
872,053	226,333	543,432	89,464	12,224	600	26.0	62.3	10.3	Iowa.
1,328,759	323,109	825,087	158,222	21,162	1,179	24.3	62.1	11.9	Mo.
205,764	65,124	124,632	14,292	1,474	242	31.6	60.6	6.9	N.Dak.
218,763	61,087	138,030	17,363	2,021	262	27.9	63.1	7.9	S. Dak.
471,208	123,988	296,670	44,089	6,072	479	26.3	62.9	9.4	Nebr.
653,414	155,766	418,552	68,980	9,672	435	23.8	64.1	10.6	Kans.
5,246,825	1,414,211	3,145,495	626,831	53,401	6,827	27.0	60.0	11.9	S. A.
85,276	22,203	52,344	9,937	731	61	26.0	61.4	11.7	Del.
582,733	158,968	346,675	69,352	5,853	1,885	27.3	59.5	11.9	Md.
204,556	61,769	109,427	29,706	2,992	662	30.2	53.5	14.6	D. C.
800,589	224,421	475,428	92,050	7,765	925	28.0	59.4	11.5	Va.
532,849	133,495	348,568	46,874	5,600	311	25.1	65.0	8.8	W. Va.
1,001,408	293,855	596,027	103,350	6,704	972	29.3	59.5	10.4	N. C.
553,365	160,775	318,837	70,694	2,667	392	29.1	57.6	12.8	S. C.
972,461	250,859	573,377	135,213	12,271	741	25.8	59.0	13.9	Ga.
513,588	107,925	326,812	69,095	8,878	878	21.0	63.6	13.5	Fla.
3,253,427	787,562	2,020,880	393,040	48,053	3,892	24.2	62.1	12.1	E. S. C.
855,056	204,684	543,928	95,357	10,411	676	23.9	63.6	11.2	Ky.
883,297	218,534	543,405	106,237	13,026	2,095	24.7	61.5	12.0	Tenn.
861,967	214,039	524,158	110,080	13,019	671	24.8	60.8	12.8	Ala.
653,107	150,305	409,389	81,366	11,597	450	23.0	62.7	12.5	Miss.
3,966,245	917,077	2,558,815	445,917	71,142	3,294	22.9	64.0	11.2	W. S. C.
595,127	126,357	388,783	70,231	9,421	335	21.2	65.3	11.8	Ark.
703,077	178,203	424,774	89,141	10,142	817	25.3	60.4	12.7	La.
764,569	162,964	513,982	72,782	14,307	444	21.3	67.2	9.5	Okla.
1,903,472	449,553	1,231,276	213,763	37,182	1,698	23.3	63.7	11.1	Tex.
1,178,018	274,065	761,361	116,611	19,968	1,013	23.4	64.9	9.9	Mt.
166,045	40,253	108,514	14,503	2,659	116	24.2	65.4	8.7	Mont.
136,154	31,359	91,745	10,927	1,995	128	23.0	67.4	8.0	Idaho.
67,257	14,139	46,831	5,155	1,057	75	21.0	69.6	7.7	Wyo.
357,230	83,456	226,078	40,337	7,013	352	23.4	63.3	11.3	Colo.
126,945	29,828	82,557	12,852	1,628	80	23.5	65.0	10.1	N.Mex.
133,547	28,613	87,791	14,650	2,348	145	21.4	65.7	11.0	Ariz.
158,726	41,308	99,613	15,338	2,357	110	26.0	62.8	9.7	Utah.
27,108	5,109	18,232	2,849	911	7	18.8	67.3	10.5	Nev.
2,981,639	664,397	1,857,873	362,611	91,051	5,707	22.3	62.3	12.2	Pac.
545,790	122,694	352,466	66,054	13,701	875	22.5	64.6	10.3	Wash.
339,219	74,867	218,946	36,480	8,783	134	22.1	64.5	10.8	Oreg.
2,096,630	466,836	1,286,461	270,068	68,567	4,698	22.3	61.4	12.9	Calif.

No. 37.—MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER: BY SEX, RACE, AND NATIVITY, CONTINENTAL UNITED STATES

NOTE.—Figures for "All other" in 1930 include Mexicans; prior to 1930 Mexicans were classified for the most part as white. See footnote 2, Table 14. The marital condition of males and females 15 years of age and over by race and nativity for each geographic division and of white and negro persons for each State having a negro population of over 5 per cent of the total is shown in Statistical Abstract, 1931, Tables 23 and 24

Class	Males 15 years and over				Females 15 years and over			
	Number		Per cent		Number		Per cent	
	1920	1930	1920	1930	1920	1930	1920	1930
All classes	38,920,663	43,881,021	100.0	100.0	35,177,515	42,837,149	100.0	100.0
Single	12,967,565	14,953,712	35.1	34.1	9,616,902	11,306,653	27.3	26.4
Married	21,849,266	26,327,109	59.2	60.0	21,318,933	26,170,756	60.6	61.1
Widowed	1,758,308	2,025,036	4.8	4.6	3,917,625	4,734,207	11.1	11.1
Divorced	235,284	489,478	.6	1.1	273,304	573,148	.8	1.3
Unknown	110,240	85,686	.3	.2	50,751	52,385	.1	.1
White	33,335,586	39,214,156	100.0	100.0	31,654,841	38,220,229	100.0	100.0
Single	11,782,665	13,364,509	35.3	34.1	8,772,732	10,220,306	27.7	26.8
Married	19,698,113	23,603,312	59.1	60.2	19,210,238	23,444,243	60.7	61.3
Widowed	1,549,164	1,745,213	4.6	4.5	3,399,662	4,023,372	10.7	10.5
Divorced	207,663	426,073	.6	1.1	228,565	477,624	.7	1.2
Unknown	97,981	73,049	.3	.2	43,644	45,684	.1	.1
Native white, total	26,083,047	32,210,106	100.0	100.0	25,740,856	32,155,087	100.0	100.0
Single	9,927,618	11,858,592	38.1	36.8	7,936,933	9,459,175	30.8	29.4
Married	14,795,171	18,642,713	56.7	57.9	15,086,735	19,200,905	58.6	59.7
Widowed	1,111,115	1,282,341	4.3	4.0	2,480,407	3,030,472	9.6	9.4
Divorced	175,713	365,243	.7	1.1	200,909	425,682	.8	1.3
Unknown	73,430	61,217	.3	.2	35,872	38,852	.1	.1
Native white, native parentage	19,092,107	23,369,460	100.0	100.0	18,529,748	22,978,599	100.0	100.0
Single	6,776,518	8,054,686	35.5	34.5	5,268,490	6,254,818	28.4	27.2
Married	11,244,250	14,013,140	58.9	60.0	11,195,865	14,143,668	60.4	61.6
Widowed	874,821	976,035	4.6	4.2	1,885,000	2,227,860	10.2	9.7
Divorced	134,789	270,723	.7	1.2	152,743	324,768	.8	1.4
Unknown	61,690	45,826	.3	.2	27,650	27,485	.1	.1
Native white, foreign or mixed parentage	6,990,940	8,840,646	100.0	100.0	7,211,108	9,176,488	100.0	100.0
Single	3,151,100	3,803,906	45.1	43.0	2,668,443	3,204,357	37.0	[illegible]
Married	3,550,882	4,629,573	50.8	52.4	3,890,870	5,057,238	54.0	55.1
Widowed	236,294	306,256	3.4	3.5	595,407	802,612	8.3	8.7
Divorced	40,924	85,520	.6	1.0	48,166	100,914	.7	1.1
Unknown	11,740	15,391	.2	.2	8,222	11,367	.1	.1
Foreign-born white	7,252,539	7,004,050	100.0	100.0	5,913,985	6,065,142	100.0	100.0
Single	1,855,047	1,505,917	25.6	21.5	835,799	770,131	14.1	12.7
Married	4,902,942	4,960,599	67.6	70.8	4,123,503	4,243,337	69.7	70.0
Widowed	438,049	462,872	6.0	6.6	919,255	992,900	15.5	16.4
Divorced	31,950	62,830	.4	.9	27,656	51,942	.5	.9
Unknown	24,551	11,832	.3	.2	7,772	6,832	.1	.1
Negro	3,393,211	3,941,462	100.0	100.0	3,423,130	4,099,552	100.0	100.0
Single	1,104,877	1,270,950	32.6	32.2	825,258	953,806	24.1	23.3
Married	2,050,407	2,357,821	60.4	59.8	2,030,181	2,398,144	59.6	58.5
Widowed	200,734	247,595	5.9	6.3	507,961	652,663	14.8	15.9
Divorced	26,689	55,713	.8	1.4	43,871	88,868	1.3	2.2
Unknown	10,504	9,383	.3	.2	6,829	6,071	.2	.1
All other	191,866	725,403	100.0	100.0	99,574	517,368	100.0	100.0
Single	80,023	318,253	41.7	43.9	18,912	123,541	19.0	23.9
Married	100,746	365,976	52.5	50.5	69,514	328,369	69.8	63.5
Widowed	8,410	32,228	4.4	4.4	10,002	58,172	10.0	11.2
Divorced	932	5,692	.5	.8	868	6,656	.9	1.3
Unknown	1,755	3,254	.9	.4	278	630	.3	.1

Source: Bureau of the Census, Department of Commerce.

No. 38.—URBAN AND RURAL POPULATION: MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER, BY SEX, 1920, AND BY SEX, RACE, NATIVITY, AND PARENTAGE, 1930, CONTINENTAL UNITED STATES

Class	Persons 15 years of age and over					Per cent of total			
	Total [1]	Single	Married	Widowed	Divorced	Single	Married	Widowed	Divorced
1920									
Urban population:									
Males	19,695,500	6,982,294	11,605,237	807,500	142,778	35.5	58.9	4.6	0.7
Females	19,618,764	5,698,673	11,310,188	2,395,622	186,181	29.0	57.6	12.2	.6
Rural population:									
Males	17,225,163	5,985,271	10,244,029	860,808	92,506	34.7	59.5	5.0	.5
Females	15,558,751	3,918,229	10,008,745	1,522,003	87,123	25.2	64.3	9.8	.6
1930									
URBAN POPULATION									
Males, total	25,201,037	8,501,813	15,242,815	1,086,858	316,383	33.7	60.5	4.3	1.3
White	23,012,886	7,769,480	13,957,981	955,319	282,736	33.8	60.7	4.2	1.2
Negro	1,842,029	576,114	1,112,731	118,454	30,809	31.3	60.4	6.4	1.7
All other	346,122	156,219	171,903	13,083	2,838	45.1	49.7	3.8	.8
Native white—									
Native parentage	11,322,687	3,843,634	6,850,950	429,680	172,211	33.9	60.5	3.8	1.5
Foreign or mixed parentage	6,173,365	2,748,154	3,154,845	195,869	62,597	44.5	51.1	3.2	1.0
Foreign-born white	5,516,834	1,177,692	3,952,186	329,770	47,928	21.3	71.6	6.0	.9
Females, total	25,966,592	7,228,694	15,199,397	3,076,806	426,658	27.8	58.5	11.8	1.6
White	23,672,905	6,713,677	13,891,824	2,668,272	367,865	28.4	58.7	11.3	1.6
Negro	2,048,053	454,635	1,158,802	376,331	54,790	22.2	56.6	18.4	2.7
All other	245,634	60,382	148,771	32,203	4,003	24.6	60.6	13.1	1.6
Native white—									
Native parentage	11,888,265	3,473,117	6,908,864	1,252,402	237,642	29.2	58.1	10.5	2.0
Foreign or mixed parentage	6,824,165	2,560,477	3,555,597	613,842	84,950	37.5	52.1	9.0	1.2
Foreign-born white	4,960,475	680,083	3,427,363	802,028	45,273	13.7	69.1	16.2	.9
RURAL POPULATION									
Males, total	18,679,984	6,451,899	11,084,494	938,180	173,095	34.5	59.3	5.0	.9
White	16,201,270	5,595,029	9,645,331	789,894	145,337	34.5	59.5	4.9	.9
Negro	2,099,433	694,836	1,245,090	129,141	24,904	33.1	59.3	6.2	1.2
All other	379,281	162,034	194,073	19,145	2,854	42.7	51.2	5.0	.8
Native white—									
Native parentage	12,046,773	4,211,052	7,162,190	546,405	107,512	35.0	59.5	4.5	.9
Foreign or mixed parentage	2,667,281	1,055,752	1,474,728	110,387	22,923	39.6	55.3	4.1	.9
Foreign-born white	1,487,216	328,225	1,008,413	133,102	14,902	22.1	67.8	8.9	1.0
Females, total	16,870,557	4,077,959	10,971,359	1,657,401	148,490	24.2	65.0	9.8	.9
White	14,547,324	3,515,629	9,552,419	1,355,100	109,759	24.2	65.7	9.3	.8
Negro	2,051,499	499,171	1,230,342	276,332	34,078	24.3	60.4	13.5	1.7
All other	271,734	63,159	179,598	25,969	2,653	23.2	66.1	9.6	1.0
Native white—									
Native parentage	11,090,334	2,781,701	7,234,804	975,458	87,126	25.1	65.2	8.8	.8
Foreign or mixed parentage	2,352,323	643,880	1,501,641	188,770	15,964	27.4	63.8	8.0	.7
Foreign-born white	1,104,667	90,048	815,974	190,872	6,669	8.2	73.9	17.3	.6

[1] Includes persons whose marital condition was not reported.

No. 39.—DWELLINGS AND FAMILIES, URBAN AND RURAL: CONTINENTAL UNITED STATES, 1920 AND 1930

Tenure	Total		Urban		Rural	
	1920	1930	1920	1930	1920	1930
Number of dwellings	20,697,204	25,204,976	9,484,550	13,046,699	11,212,654	12,158,277
1-family dwellings	----------	22,833,110	----------	11,001,861	----------	11,831,249
2-family dwellings	----------	1,728,087	----------	1,430,570	----------	297,517
3-or-more-family dwellings	----------	643,779	----------	614,268	----------	29,511
Number of families	24,351,676	[1] 29,904,663	12,803,047	17,372,524	11,548,629	12,532,139
Families having homes:						
Owned—Number	10,866,960	14,002,074	4,707,715	7,432,554	6,159,245	6,569,520
Per cent	44.6	46.8	36.8	42.8	53.3	52.4
Rented—Number	12,943,598	15,319,817	7,879,348	9,681,359	5,064,250	5,638,458
Per cent	53.2	51.2	61.5	55.7	43.9	45.0
Tenure unknown—Number	541,118	582,772	215,984	258,611	325,134	324,161
Per cent	2.2	1.9	1.7	1.5	2.8	2.6

[1] Private families only, excluding 75,178 institutions, hotels, etc. These quasi-family groups were included in the count as made for 1920.

Source of Tables 38 and 39: Bureau of the Census, Department of Commerce.

No. 40.—FAMILIES BY TENURE, AND AVERAGE POPULATION PER FAMILY

NOTE.—A family is defined as a group of persons related either by blood or by marriage or adoption who live together as one household usually sharing the same table. Single persons living alone are counted as families, however, as are a few small groups of unrelated persons sharing the same living accommodations as "partners." In the 1920 count, inmates of an institution were treated as a single family as were also other quasi-family groups. Families not reporting tenure are included in the totals for all families.

Division and State	All families		Owner families, 1930	Tenant families, 1930	Per cent of total				Average population per family [2]		
					Owners		Tenants				
	1920	1930 [1]			1920	1930	1920	1930	1920	1930, incl. inst.	1930, priv. only
Continental U. S.	24,351,676	29,904,663	14,002,074	15,319,817	44.6	46.8	53.2	51.2	4.34	4.10	4.01
New England	1,703,812	1,981,499	915,441	1,042,521	39.2	46.2	59.3	52.6	4.34	4.11	4.00
Maine	186,100	197,826	119,898	74,358	58.5	60.6	39.7	37.6	4.13	4.02	3.93
New Hampshire	108,334	119,337	64,323	53,078	48.7	54.3	49.1	44.5	4.09	3.89	3.79
Vermont	85,894	89,188	52,813	35,503	56.4	59.2	41.6	39.9	4.11	4.02	3.93
Massachusetts	874,798	1,021,160	439,238	569,345	34.4	43.0	64.5	55.8	4.40	4.15	4.03
Rhode Island	137,160	165,343	67,467	96,432	30.6	40.8	57.7	58.3	4.41	4.15	4.05
Connecticut	311,610	388,645	171,202	213,445	37.0	44.1	61.3	54.9	4.43	4.12	4.03
Middle Atlantic	5,085,080	6,374,380	2,823,965	3,463,389	36.7	44.3	61.8	54.3	4.38	4.11	4.01
New York	2,441,125	3,153,124	1,155,036	1,957,733	30.3	36.6	68.4	62.1	4.25	3.98	3.86
New Jersey	721,841	985,636	470,509	502,497	37.7	47.7	60.8	51.0	4.37	4.09	4.02
Pennsylvania	1,922,114	2,235,620	1,198,420	1,003,159	44.4	53.6	53.9	44.9	4.54	4.30	4.23
E. North Central	5,148,912	6,362,623	3,395,203	2,868,065	51.4	53.4	46.8	45.1	4.17	3.97	3.88
Ohio	1,414,068	1,697,918	912,295	763,650	50.9	53.7	47.7	45.0	4.07	3.91	3.83
Indiana	737,707	843,066	474,190	353,807	53.6	56.2	44.2	42.0	3.97	3.84	3.77
Illinois	1,534,077	1,929,396	882,999	1,017,115	42.9	45.8	55.2	52.7	4.23	3.94	3.84
Michigan	862,745	1,180,554	685,516	476,682	57.9	58.1	40.5	40.4	4.25	4.09	4.01
Wisconsin	595,316	711,889	440,197	256,811	62.5	61.8	35.7	36.1	4.42	4.12	4.04
W. North Central	2,957,849	3,317,881	1,762,814	1,480,748	55.0	53.1	42.5	44.6	4.24	4.00	3.92
Minnesota	526,026	606,496	349,908	243,696	59.4	57.7	38.4	40.2	4.54	4.21	4.11
Iowa	580,070	635,704	340,778	282,607	56.7	53.6	40.9	44.5	4.10	3.88	3.82
Missouri	829,043	939,476	469,810	461,203	48.4	48.9	49.3	49.1	4.11	3.85	3.76
North Dakota	134,831	145,005	81,352	57,399	62.9	56.1	33.4	39.6	4.80	4.68	4.02
South Dakota	142,703	161,013	82,482	72,902	59.3	51.2	37.2	45.3	4.46	4.29	4.24
Nebraska	303,438	342,999	181,369	152,835	55.7	52.9	41.4	44.6	4.27	4.01	3.94
Kansas	435,600	487,188	267,115	210,106	55.4	54.8	42.0	43.1	4.06	3.85	3.78
South Atlantic	2,991,628	3,511,860	1,466,336	1,969,291	40.8	41.8	58.3	56.1	4.68	4.49	4.41
Delaware	52,070	59,092	30,187	27,804	43.8	51.1	54.3	47.1	4.28	4.02	3.87
Maryland	324,742	385,179	208,563	169,359	49.0	54.1	49.3	44.0	4.46	4.23	4.11
Dist. of Col.	96,194	125,554	47,220	75,254	29.6	37.6	68.3	59.9	4.55	3.86	3.70
Virginia	483,363	529,089	272,208	247,497	50.1	51.4	47.9	46.8	4.78	4.57	4.48
West Virginia	310,098	373,941	168,543	198,736	45.6	45.1	51.8	53.1	4.72	4.62	4.55
North Carolina	513,377	644,033	279,946	349,555	45.9	43.5	50.9	54.3	4.98	4.91	4.85
South Carolina	349,126	365,680	111,257	248,335	31.0	30.4	65.2	67.9	4.82	4.75	4.70
Georgia	628,525	652,703	194,459	440,011	29.9	29.8	67.0	67.4	4.61	4.45	4.38
Florida	234,133	376,499	153,956	212,740	40.6	40.9	55.0	56.5	4.14	3.89	3.81
E. South Central	1,977,381	2,273,359	924,989	1,298,272	41.6	40.7	55.7	57.1	4.50	4.34	4.29
Kentucky	546,306	609,405	306,284	290,379	50.5	50.3	47.3	47.6	4.42	4.28	4.23
Tennessee	519,108	600,625	270,260	314,841	46.6	45.0	51.0	52.4	4.50	4.35	4.29
Alabama	508,769	591,625	198,472	381,466	33.9	33.5	62.8	64.5	4.62	4.47	4.42
Mississippi	403,198	471,704	149,973	311,586	33.0	31.8	64.0	66.1	4.44	4.25	4.22
W. South Central	2,242,810	2,868,262	1,117,450	1,668,994	40.7	39.0	55.9	57.8	4.57	4.24	4.18
Arkansas	390,960	488,639	168,767	251,807	43.8	38.5	53.3	57.4	4.48	4.22	4.10
Louisiana	389,913	485,363	165,731	307,273	32.4	34.1	63.8	63.3	4.61	4.32	4.26
Oklahoma	444,524	564,164	225,266	320,555	43.6	39.9	52.1	56.8	4.56	4.24	4.17
Texas	1,017,413	1,330,096	557,686	779,269	41.5	40.4	55.4	56.5	4.58	4.21	4.15
Mountain	803,853	914,408	470,380	415,328	53.6	51.4	43.5	45.4	4.15	4.03	3.92
Montana	139,912	136,210	71,419	59,636	58.5	52.4	38.1	43.8	3.92	3.92	3.79
Idaho	100,500	108,044	59,584	44,996	58.9	55.1	37.8	41.6	4.30	4.10	4.01
Wyoming	48,476	66,887	26,425	28,322	49.6	46.5	45.9	49.8	4.01	3.95	3.79
Colorado	230,843	267,324	131,571	127,979	50.6	49.2	47.4	47.9	4.07	3.86	3.74
New Mexico	83,706	98,546	54,439	40,428	57.5	55.2	39.3	41.0	4.30	4.28	4.22
Arizona	80,208	105,992	45,808	56,380	41.2	43.2	55.1	53.2	4.17	4.09	3.96
Utah	98,346	115,936	66,563	44,610	59.0	60.0	39.2	38.5	4.57	4.37	4.29
Nevada	21,862	25,469	11,561	12,977	45.5	45.4	50.0	51.0	3.54	3.54	3.32
Pacific	1,445,350	2,300,191	1,125,493	1,123,209	46.7	48.9	50.8	48.8	3.85	3.54	3.38
Washington	342,228	423,833	245,138	167,609	53.6	57.8	44.3	39.5	3.96	3.67	3.50
Oregon	202,890	266,328	154,283	106,712	53.6	57.9	44.2	40.1	3.86	3.56	3.43
California	900,232	1,610,030	726,072	848,888	42.5	45.1	54.8	52.7	3.81	3.51	3.34

[1] Private families only, excluding 75,178 institutions, hotels, etc. These quasi-family groups were included in the count as made for 1920.

[2] The first of the two averages shown for 1930 is obtained by dividing the total population by the combined number of private families and quasi-family groups (institutions, hotels, etc.). This figure is strictly comparable with the 1920 average. The second average presented for 1930 is obtained by dividing the total population living in private families by the number of private families.

Source: Bureau of the Census, Department of Commerce.

No. 41.—FAMILIES, BY COLOR AND NATIVITY OF HEAD, AND DWELLINGS BY CLASS, 1930

Division and State	Families [1]				Dwellings				Quasi-family groups
	All classes	Native white	Foreign-born white	Negro	Total	1-family	2-family	3-or-more-family	
Continental U. S.	29,904,663	20,968,803	5,736,491	2,803,756	25,204,976	22,833,110	1,728,087	643,779	75,178
New England	1,981,499	1,203,304	753,231	22,864	1,463,229	1,124,368	224,255	104,601	5,928
Maine	197,826	158,687	38,633	259	172,988	155,406	13,929	3,653	551
New Hampshire	119,337	85,503	33,672	117	101,712	89,813	8,907	2,992	322
Vermont	89,188	72,922	16,117	135	79,455	72,356	5,778	1,321	244
Massachusetts	1,021,160	579,751	427,385	12,637	703,222	511,051	126,274	65,897	3,384
Rhode Island	165,343	80,926	72,711	2,542	115,203	81,152	23,065	11,076	469
Connecticut	388,645	216,515	164,713	7,174	280,552	214,588	46,302	19,662	958
Middle Atlantic	6,374,380	3,921,222	2,200,620	243,371	4,486,195	3,732,533	500,566	232,097	14,544
New York	3,153,124	1,753,641	1,297,716	95,621	1,735,050	1,299,216	275,924	159,910	8,988
New Jersey	985,636	576,991	358,984	48,636	721,143	580,836	99,590	40,717	1,991
Pennsylvania	2,235,620	1,590,590	543,920	99,114	2,008,990	1,852,481	125,051	31,464	3,565
East North Central	6,362,823	4,733,353	1,390,490	222,240	5,312,851	4,731,798	424,558	156,497	13,058
Ohio	1,697,918	1,339,077	281,756	75,709	1,474,893	1,336,303	107,024	32,566	2,923
Indiana	843,066	752,373	60,205	28,771	789,785	757,409	24,877	7,499	1,385
Illinois	1,929,390	1,313,653	530,272	78,737	1,405,127	1,163,819	163,079	88,229	5,054
Michigan	1,180,554	800,076	339,738	36,500	1,018,845	925,348	74,544	18,953	2,588
Wisconsin	711,889	528,174	178,519	2,523	624,201	559,919	55,032	9,250	1,708
West North Central	3,317,881	2,697,414	515,044	87,853	3,037,237	2,900,810	139,849	36,578	7,731
Minnesota	606,496	417,174	183,395	2,592	542,051	503,600	31,007	7,444	1,853
Iowa	635,704	547,258	82,870	4,571	604,001	583,180	16,622	4,199	1,188
Missouri	939,476	809,330	69,749	59,016	809,425	727,440	64,372	17,613	2,336
North Dakota	145,005	91,405	51,805	120	137,703	133,030	3,712	961	384
South Dakota	161,013	123,228	38,033	166	154,334	149,928	3,584	822	319
Nebraska	342,990	279,529	57,817	3,700	325,976	316,419	7,292	2,268	777
Kansas	487,188	429,490	35,875	17,688	463,744	447,213	13,260	3,271	874
South Atlantic	3,511,860	2,401,398	131,160	974,592	3,248,552	3,064,048	148,808	30,696	7,621
Delaware	59,092	44,331	7,056	7,682	54,940	52,234	2,016	690	201
Maryland	385,179	282,287	41,442	61,160	346,117	318,246	22,890	4,981	903
Dist. of Columbia	125,554	83,700	11,586	29,995	84,903	74,649	6,805	3,449	465
Virginia	529,089	377,676	10,373	140,726	492,575	466,083	22,550	3,942	984
West Virginia	373,941	325,305	22,258	26,274	352,749	336,834	13,301	2,614	723
North Carolina	644,033	457,087	3,702	180,128	614,292	589,545	21,844	2,903	1,218
South Carolina	365,680	194,768	2,362	168,324	345,265	329,370	13,334	2,561	589
Georgia	652,793	396,763	5,927	249,942	602,468	564,540	32,411	5,517	1,218
Florida	376,499	239,451	26,394	110,361	350,243	332,547	13,657	4,039	1,320
East South Central	2,273,359	1,591,095	27,341	653,847	2,127,537	2,013,878	97,703	15,956	3,427
Kentucky	609,405	538,218	10,470	60,672	560,329	533,615	27,286	5,428	966
Tennessee	600,625	474,078	6,066	120,402	558,153	528,242	24,815	5,096	965
Alabama	591,625	361,656	7,326	222,533	554,565	523,935	27,270	3,360	844
Mississippi	471,704	217,143	3,479	250,240	448,490	428,086	18,422	1,982	652
West South Central	2,868,262	2,066,970	81,770	564,918	2,686,296	2,554,712	107,385	24,199	6,072
Arkansas	438,639	310,328	5,074	123,009	419,381	403,295	14,065	2,021	645
Louisiana	485,363	276,508	16,548	190,876	458,380	438,565	16,334	3,481	1,051
Oklahoma	504,164	422,672	13,376	40,238	526,659	501,347	19,990	5,322	1,183
Texas	1,380,096	987,462	46,778	210,795	1,281,876	1,211,505	56,996	13,375	3,193
Mountain	914,408	694,118	136,437	8,743	846,808	809,645	27,600	9,563	4,148
Montana	136,210	97,796	34,135	458	126,854	122,144	3,357	1,353	809
Idaho	108,044	91,910	14,381	229	102,992	99,803	2,510	679	472
Wyoming	56,887	45,001	9,221	418	53,569	51,509	1,605	455	285
Colorado	207,324	210,335	41,476	3,538	242,548	230,607	8,304	3,637	1,099
New Mexico	98,549	75,405	3,707	799	92,530	87,921	3,824	785	279
Arizona	105,992	63,629	7,001	2,776	98,633	93,854	3,644	1,135	628
Utah	115,936	92,285	21,143	331	105,788	100,743	3,787	1,258	316
Nevada	25,469	17,757	5,373	194	23,894	23,064	569	261	260
Pacific	2,300,191	1,659,929	500,392	25,328	2,032,278	1,941,320	57,276	33,682	12,049
Washington	423,833	309,320	105,869	2,059	382,539	368,917	8,843	4,779	2,212
Oregon	266,328	216,260	46,969	674	246,558	239,009	4,941	2,548	1,356
California	1,610,030	1,134,349	347,854	22,595	1,403,181	1,333,334	43,492	26,355	8,481

[1] Private families only, excluding 75,178 institutions, hotels, etc. Totals for all classes include "Other races" not shown.

Source: Bureau of the Census, Department of Commerce.

No. 42.—FAMILIES: By Size, by Number of Children Under 10 Years of Age, and by Number of Gainful Workers, for the United States, 1930

Item	Number					Per cent				
	All classes	Native white	Foreign-born white	Negro	Other races	All classes	Native white	Foreign born white	Negro	Other races
All families	29,904,663	20,988,803	5,736,491	2,803,756	395,613	100.0	100.0	100.0	100.0	100.0
Families comprising—										
1 person	2,357,463	1,537,193	436,214	338,114	45,942	7.9	7.3	7.6	12.1	11.6
2 persons	6,982,835	5,056,897	1,126,051	739,812	60,075	23.4	24.1	19.6	26.4	15.2
3 persons	6,226,519	4,606,372	1,061,617	506,990	57,540	20.8	22.0	18.5	17.9	14.5
4 persons	5,234,696	3,787,696	1,030,380	361,880	54,740	17.5	18.1	18.0	12.9	13.8
5 persons	3,574,362	2,479,570	780,249	265,136	49,407	12.0	11.8	13.6	9.5	12.5
6 persons	2,273,300	1,514,586	525,838	193,720	41,156	7.6	7.2	9.1	6.9	10.4
7 persons	1,303,356	892,313	328,553	141,149	31,341	4.7	4.3	5.7	5.0	7.9
8 persons	842,669	518,376	202,093	99,800	22,400	2.8	2.5	3.5	3.6	5.7
9 persons	493,174	291,999	118,872	67,607	14,696	1.6	1.4	2.1	2.4	3.7
10 persons	272,068	153,564	66,198	43,573	8,733	.9	.7	1.2	1.6	2.2
11 persons	136,816	74,163	34,567	25,411	4,675	.5	.4	.6	.9	1.2
12 or more persons	115,405	56,074	27,859	26,564	4,908	.4	.3	.5	.9	1.2
Families having—										
No children under 10	17,587,354	12,216,802	3,544,030	1,665,217	171,305	58.8	58.3	61.8	59.0	43.3
1 child under 10	5,745,158	4,164,091	1,045,547	467,575	67,945	19.2	19.9	18.2	16.7	17.2
2 children under 10	3,525,307	2,542,041	636,073	288,572	58,621	11.8	12.1	11.1	10.3	14.8
3 children under 10	1,787,690	1,243,766	305,503	190,380	48,041	6.0	5.9	5.3	6.8	12.1
4 children under 10	851,974	560,506	138,653	121,107	31,708	2.8	2.7	2.4	4.3	8.0
5 children under 10	311,074	188,425	50,993	58,180	13,476	1.0	.9	.9	2.1	3.4
6 or more	90,106	53,172	15,692	22,725	4,517	.3	.3	.3	.8	1.1
Families having—										
No gainful workers	1,803,871	1,327,676	371,311	86,227	18,657	6.0	6.3	6.5	3.1	4.7
1 gainful worker	18,568,705	13,659,468	3,116,525	1,532,551	260,161	62.1	65.1	54.3	54.7	65.8
2 *gainful workers*	6,321,816	4,201,458	1,288,825	753,898	72,635	21.1	20.0	22.5	27.1	18.4
3 gainful workers	2,140,380	1,263,185	599,778	250,634	26,789	7.2	6.0	10.5	8.9	6.8
4 or more	1,069,885	517,016	360,052	175,446	17,371	3.6	2.5	6.3	6.3	4.4

No. 43.—NONFARM HOMES: By Value or Monthly Rental, by Color and Nativity of Head of Family, for the United States, 1930

Value or monthly rental	Number					Per cent				
	All classes	Native white	Foreign-born white	Negro	Other races	All classes	Native white	Foreign-born white	Negro	Other races
Owned nonfarm homes	10,503,386	7,382,357	2,584,634	430,324	76,071	100.0	100.0	100.0	100.0	100.0
Value under $1,000	794,724	484,442	80,356	188,795	41,131	7.6	6.6	3.1	39.3	54.1
$1,000 to $1,499	570,047	409,054	85,522	66,516	8,955	5.4	5.5	3.3	13.8	11.8
$1,500 to $1,999	581,277	391,222	92,109	42,337	5,609	5.1	5.3	3.6	8.8	7.4
$2,000 to $2,999	1,167,325	852,083	249,018	59,404	6,840	11.1	11.5	9.7	12.4	9.0
$3,000 to $4,999	2,343,709	1,675,141	603,331	59,377	5,920	22.3	22.7	23.5	12.4	7.8
$5,000 to $7,499	2,297,029	1,608,879	653,630	31,839	2,681	21.9	21.8	25.5	6.6	3.5
$7,500 to $9,999	989,468	687,099	291,545	10,108	716	9.4	9.3	11.4	2.1	.9
$10,000 to $14,999	906,557	620,066	279,222	6,670	593	8.6	8.4	10.9	1.4	.8
$15,000 to $19,999	339,535	235,363	102,052	1,897	223	3.2	3.2	4.0	.4	.3
$20,000 and over	364,337	267,927	84,825	1,289	296	3.4	3.6	3.3	.3	.4
Not reported	209,318	151,101	43,024	12,086	3,107	2.0	2.0	1.7	2.5	4.1
Rented nonfarm homes	12,351,549	8,282,135	2,583,875	1,290,697	194,842	100.0	100.0	100.0	100.0	100.0
Rental under $10	1,563,952	899,403	108,873	479,539	76,137	12.7	10.9	4.2	37.2	39.1
$10 to $14	1,330,027	869,816	183,911	241,898	35,302	10.8	10.5	7.1	18.7	18.1
$15 to $19	1,302,387	886,754	259,942	133,854	21,837	10.5	10.7	10.1	10.4	11.2
$20 to $29	2,545,208	1,739,044	591,796	188,079	26,289	20.6	21.0	22.9	14.6	13.5
$30 to $49	3,191,435	2,219,130	806,670	149,096	16,539	25.8	26.8	31.2	11.6	8.5
$50 to $74	1,503,401	1,024,828	423,704	49,353	5,516	12.2	12.4	16.4	3.8	2.8
$75 to $99	343,071	242,247	90,345	8,338	1,441	2.8	2.9	3.5	.7	.7
$100 to $149	163,292	117,425	43,008	1,949	910	1.3	1.4	1.7	.2	.5
$150 to $199	46,297	33,678	11,908	452	259	.4	.4	.5	(1)	.1
$200 and over	45,750	35,084	10,287	147	232	.4	.4	.4	(1)	.1
Not reported	315,829	214,726	53,231	37,492	10,380	2.6	2.6	2.1	2.9	5.3
	Median value of owned nonfarm homes					Median rental of rented nonfarm homes				
Total	$4,778	$4,766	$5,576	$1,341	(2)	$27.15	$27.92	$33.00	$13.04	$12.26
Urban	5,743	5,849	6,076	1,945	$1,291	32.06	34.11	35.13	16.48	15.15
Rural-nonfarm	2,661	2,772	3,168	(3)	(3)	12.01	13.14	14.37	(3)	(3)

[1] Less than one-tenth of 1 per cent. [2] Less than $1,000. [3] Less than $10.

Source of Tables 42 and 43: Bureau of the Census Department of Commerce.

No. 44.—OWNED NONFARM HOMES CLASSIFIED ACCORDING TO VALUE, BY STATES, 1930

Note.—Totals include homes with value unknown

Division and state	All owned nonfarm homes	Number of homes with value—								Median value
		Under $1,000	$1,000 to $1,499	$1,500 to $1,999	$2,000 to $2,999	$3,000 to $4,999	$5,000 to $7,499	$7,500 to $9,999	$10,000 and over	
United States	10, 503, 386	794, 724	570, 047	531, 277	1, 167, 325	2, 343, 769	2, 297, 029	969, 408	1, 600, 429	$4, 778
New England	802, 593	21, 612	25, 422	26, 304	70, 795	178, 693	212, 943	97, 284	155, 693	5, 834
Maine	84, 963	10, 022	8, 779	6, 757	13, 453	20, 132	14, 102	3, 828	5, 632	3, 233
New Hampshire	50, 947	4, 001	4, 000	4, 103	8, 905	14, 717	8, 860	2, 323	2, 956	3, 533
Vermont	31, 704	1, 995	2, 170	2, 092	4, 820	8, 715	5, 552	2, 019	2, 778	4, 031
Massachusetts	415, 619	3, 832	7, 344	9, 550	30, 893	92, 975	120, 672	57, 286	87, 185	6, 249
Rhode Island	64, 480	508	1, 139	1, 410	4, 620	14, 944	20, 216	8, 637	12, 420	6, 153
Connecticut	154, 880	1, 254	1, 990	2, 392	8, 095	28, 210	42, 541	23, 201	44, 722	7, 013
Middle Atlantic	2, 522, 747	53, 674	64, 369	67, 585	188, 024	490, 139	641, 016	337, 442	637, 610	6, 487
New York	1, 017, 475	15, 349	19, 392	19, 534	54, 581	147, 484	243, 443	161, 965	336, 259	7, 492
New Jersey	448, 623	4, 101	6, 020	6, 635	22, 523	71, 045	113, 442	70, 042	147, 013	7, 426
Pennsylvania	1, 056, 649	34, 224	38, 957	41, 396	110, 920	271, 610	284, 131	105, 435	154, 338	5, 206
East North Central	2, 700, 273	143, 115	135, 408	133, 430	290, 854	614, 716	640, 459	295, 894	399, 085	5, 035
Ohio	748, 412	31, 001	30, 536	32, 543	75, 584	182, 365	198, 053	82, 427	104, 039	5, 201
Indiana	347, 704	33, 860	28, 466	26, 662	51, 527	90, 135	66, 834	19, 630	22, 850	3, 654
Illinois	765, 546	37, 033	36, 146	32, 568	69, 369	141, 756	170, 542	100, 887	163, 739	5, 867
Michigan	542, 154	29, 498	27, 857	27, 640	58, 842	119, 761	126, 845	63, 528	79, 990	5, 067
Wisconsin	296, 457	11, 123	12, 403	14, 017	35, 526	80, 699	78, 185	29, 422	28, 467	4, 781
West North Central	1, 132, 096	94, 780	87, 760	86, 660	177, 380	304, 931	220, 554	61, 946	73, 702	3, 704
Minnesota	227, 336	11, 164	11, 193	13, 171	31, 827	68, 402	58, 317	14, 063	15, 261	4, 297
Iowa	233, 509	16, 332	18, 059	18, 750	38, 966	67, 430	47, 137	11, 428	10, 385	3, 057
Missouri	300, 093	28, 779	22, 683	20, 328	39, 112	63, 660	57, 328	22, 992	34, 014	4, 050
North Dakota	35, 880	4, 719	4, 035	3, 675	6, 382	8, 391	5, 172	1, 126	1, 087	2, 762
South Dakota	39, 907	3, 797	3, 573	3, 563	7, 477	10, 768	6, 575	1, 544	1, 461	3, 180
Nebraska	117, 657	6, 410	8, 426	9, 191	20, 548	36, 105	23, 133	5, 534	5, 690	3, 717
Kansas	177, 624	23, 579	19, 791	17, 982	33, 128	45, 175	22, 892	5, 259	5, 804	2, 768
South Atlantic	926, 400	130, 127	74, 167	58, 647	116, 400	191, 160	156, 087	63, 328	111, 963	3, 749
Delaware	24, 063	1, 180	1, 140	1, 224	2, 779	5, 822	6, 245	2, 411	2, 785	4, 878
Maryland	176, 702	9, 290	6, 788	7, 521	21, 051	54, 793	42, 204	12, 055	19, 149	4, 525
Dist. of Columbia	47, 190	78	211	249	850	3, 436	9, 698	12, 287	19, 400	9, 246
Virginia	149, 230	23, 583	13, 924	10, 071	19, 222	28, 767	22, 989	9, 906	16, 425	3, 392
West Virginia	103, 802	11, 108	8, 988	7, 668	15, 292	23, 368	17, 775	5, 915	10, 490	3, 620
North Carolina	135, 375	23, 787	14, 794	12, 030	19, 735	24, 314	16, 722	6, 288	13, 680	2, 763
South Carolina	55, 707	14, 134	4, 946	3, 492	6, 520	9, 471	7, 804	2, 761	5, 275	2, 710
Georgia	114, 808	23, 756	11, 138	8, 127	14, 880	20, 915	16, 215	6, 247	10, 631	2, 809
Florida	119, 523	23, 211	12, 229	8, 265	16, 071	20, 275	16, 435	5, 458	14, 133	2, 892
East South Central	463, 271	89, 775	46, 557	36, 186	61, 887	90, 559	66, 474	23, 436	34, 596	2, 844
Kentucky	154, 085	27, 568	13, 582	10, 456	18, 864	31, 356	25, 877	9, 294	12, 355	3, 268
Tennessee	138, 660	23, 502	14, 119	11, 907	19, 695	28, 377	19, 146	7, 333	10, 565	2, 903
Alabama	105, 494	20, 057	11, 732	8, 839	15, 136	19, 817	14, 323	4, 694	8, 151	2, 710
Mississippi	65, 032	18, 648	7, 124	4, 984	8, 102	11, 009	7, 128	2, 115	3, 525	2, 074
West South Central	716, 962	152, 932	66, 222	53, 231	100, 750	152, 049	92, 187	28, 773	50, 378	2, 753
Arkansas	81, 653	20, 600	10, 079	7, 438	12, 103	14, 617	7, 834	2, 253	3, 490	2, 090
Louisiana	111, 071	27, 970	9, 826	7, 281	12, 669	19, 336	15, 069	5, 895	10, 617	2, 730
Oklahoma	149, 483	35, 880	14, 770	11, 350	21, 186	30, 841	17, 435	5, 246	8, 973	2, 512
Texas	374, 755	68, 482	31, 547	27, 162	54, 792	87, 255	51, 849	15, 379	27, 296	2, 998
Mountain	306, 747	64, 007	28, 627	24, 278	46, 859	69, 899	41, 384	10, 343	13, 467	2, 694
Montana	39, 378	8, 177	4, 705	3, 893	6, 579	8, 041	4, 416	1, 136	1, 386	2, 364
Idaho	32, 096	5, 900	3, 922	3, 146	5, 994	7, 693	3, 176	622	773	2, 433
Wyoming	15, 209	2, 370	1, 400	1, 083	2, 321	3, 740	2, 505	666	773	3, 136
Colorado	96, 552	13, 936	8, 099	7, 443	15, 263	24, 275	15, 746	4, 382	5, 416	3, 209
New Mexico	30, 716	15, 690	2, 312	1, 559	2, 724	3, 750	2, 370	662	916	(1)
Arizona	33, 017	9, 361	2, 795	2, 295	3, 844	6, 249	4, 179	1, 157	1, 814	2, 363
Utah	50, 730	5, 932	4, 678	4, 389	9, 100	14, 712	7, 695	1, 444	1, 684	3, 008
Nevada	8, 990	2, 641	716	470	1, 064	1, 539	1, 297	374	705	2, 541
Pacific	932, 297	44, 702	41, 515	44, 976	114, 376	250, 623	225, 925	71, 012	123, 932	4, 699
Washington	188, 333	15, 557	14, 434	16, 244	37, 025	56, 312	20, 445	6, 133	9, 137	3, 316
Oregon	111, 762	9, 185	8, 217	8, 442	19, 160	35, 017	19, 779	4, 415	5, 907	3, 574
California	632, 202	19, 960	18, 864	20, 290	58, 191	159, 294	176, 701	60, 464	108, 888	5, 491

[1] Less than $1,000.

Source: Bureau of the Census, Department of Commerce.

No. 45.—RENTED NONFARM HOMES CLASSIFIED ACCORDING TO MONTHLY RENTAL, BY STATES, 1930

Note.—Totals include homes with monthly rental unknown

Division and State	All rented nonfarm homes	Number of homes with monthly rental—								Median rental
		Under $10	$10 to $14	$15 to $19	$20 to $29	$30 to $49	$50 to $74	$75 to $99	$100 and over	
United States	12,351,549	1,583,952	1,330,927	1,302,387	2,545,203	3,191,435	1,503,401	343,071	255,339	$27.15
New England	1,025,519	48,808	102,858	138,308	299,391	309,949	97,816	18,399	11,349	27.29
Maine	70,427	10,053	12,870	13,093	18,943	11,093	2,095	288	108	19.35
N. Hampshire	51,400	5,945	10,445	11,194	14,095	7,081	927	114	64	18.83
Vermont	31,573	4,889	6,542	6,037	8,304	4,487	739	82	38	18.46
Massachusetts	565,870	13,803	45,209	65,684	160,224	196,250	59,508	11,083	7,743	29.79
Rhode Island	95,644	4,390	11,465	16,605	33,588	22,560	4,665	1,021	797	24.49
Connecticut	210,605	7,528	16,125	26,695	64,047	68,478	19,822	3,208	2,534	28.41
Mid. Atlantic	3,382,619	126,125	194,838	274,998	377,338	1,103,907	634,017	150,537	141,641	36.84
New York	1,923,410	30,346	70,886	121,993	231,529	636,369	455,802	109,746	112,880	41.94
New Jersey	495,802	7,582	19,523	35,407	110,629	187,412	93,740	19,485	12,825	37.49
Pennsylvania	963,607	90,197	104,417	117,598	235,180	280,126	84,475	21,306	15,930	26.91
E.N.Central	2,542,573	157,675	219,937	257,832	520,036	729,137	443,743	109,487	57,296	32.53
Ohio	690,692	41,406	64,998	79,796	170,342	227,370	75,180	14,546	7,998	30.08
Indiana	286,426	33,858	44,814	44,620	69,071	65,116	18,946	2,846	1,451	22.47
Illinois	906,619	44,905	64,312	77,373	149,311	220,918	221,945	69,898	37,131	39.69
Michigan	440,777	23,545	25,043	29,887	79,151	149,617	100,701	17,170	8,297	37.90
Wisconsin	218,059	13,961	20,820	26,156	52,161	66,116	26,971	5,007	2,419	28.79
W.N.Central	1,003,989	109,162	150,613	150,178	229,513	239,353	75,957	14,356	8,318	23.43
Minnesota	182,357	11,855	20,327	26,451	45,275	53,113	18,118	2,600	1,393	26.33
Iowa	172,445	16,669	29,011	29,701	44,415	38,521	8,649	1,128	410	22.00
Missouri	357,810	44,665	48,532	45,842	71,973	90,140	34,334	8,814	5,616	24.99
N. Dakota	29,680	3,001	5,037	4,641	6,113	6,342	2,555	203	67	22.08
S. Dakota	35,748	3,560	6,475	6,594	8,376	7,339	1,841	135	78	20.68
Nebraska	88,985	8,048	14,601	14,782	21,086	20,264	5,603	892	497	22.61
Kansas	135,466	21,304	26,630	22,167	32,275	23,634	4,767	584	251	19.03
S. Atlantic	1,377,451	479,491	225,425	140,525	208,731	191,462	71,455	18,444	11,424	14.17
Delaware	23,497	2,966	2,587	2,742	5,691	6,294	2,013	398	248	25.58
Maryland	151,923	19,308	17,183	17,801	32,044	38,042	9,581	2,839	2,656	24.84
Dist. of Col.	75,223	482	2,201	4,018	9,979	27,062	19,433	5,101	3,735	44.28
Virginia	185,338	56,352	35,413	23,844	29,511	22,819	9,616	1,337	917	14.77
W. Virginia	176,748	67,793	30,157	19,117	28,166	19,897	6,543	1,112	553	13.13
N. Carolina	202,022	82,081	41,928	20,826	25,387	17,233	6,692	1,209	574	11.90
S. Carolina	132,013	81,796	17,518	8,791	10,886	7,521	1,937	356	190	(1)
Georgia	242,642	116,845	42,465	22,868	25,803	20,287	8,303	2,002	962	10.70
Florida	188,045	57,778	35,973	20,518	34,264	22,307	7,307	1,500	1,589	14.56
E.S.Central	693,279	275,678	134,537	73,443	90,025	65,742	23,239	5,034	2,563	12.21
Kentucky	196,527	62,759	36,933	23,506	32,409	23,816	7,537	1,723	1,056	14.35
Tennessee	194,015	64,417	40,588	24,372	27,675	19,744	8,635	1,949	801	13.66
Alabama	205,076	100,576	38,917	17,780	19,993	14,374	5,125	960	523	(1)
Mississippi	97,661	47,926	18,099	7,785	9,948	7,808	1,942	402	183	(1)
W.S.Central	954,377	248,520	164,039	118,163	185,044	144,573	42,735	8,063	4,667	16.92
Arkansas	103,324	42,708	19,201	10,207	13,802	8,783	2,084	304	200	11.56
Louisiana	190,850	57,704	32,910	27,432	35,924	23,278	7,163	1,515	1,018	15.52
Oklahoma	188,301	35,058	32,042	22,816	39,717	35,461	11,914	2,317	1,100	20.07
Texas	471,902	113,059	79,886	57,618	95,601	77,051	21,574	3,927	2,349	17.83
Mountain	334,641	57,540	55,669	47,380	74,088	63,893	17,634	2,826	1,882	19.98
Montana	45,186	6,099	7,441	6,747	10,634	9,328	2,604	323	179	21.31
Idaho	31,991	5,666	6,657	5,243	7,457	4,823	897	89	80	17.99
Wyoming	23,293	3,161	4,550	3,770	5,062	4,495	1,000	129	93	19.53
Colorado	100,980	13,562	15,470	13,563	23,623	21,760	6,540	1,185	725	22.38
New Mexico	31,222	11,314	5,110	3,272	4,766	4,056	970	118	98	13.46
Arizona	49,009	10,194	7,847	6,271	9,526	9,033	2,723	526	411	19.17
Utah	40,842	5,349	7,084	6,869	10,555	7,928	1,979	300	158	20.79
Nevada	12,118	2,195	1,760	1,645	2,465	2,470	921	156	138	21.12
Pacific	1,036,901	81,144	82,975	100,562	261,142	353,419	196,805	19,943	18,199	29.82
Washington	149,822	14,885	20,223	22,356	30,331	33,430	10,519	1,567	921	23.60
Oregon	93,093	13,143	14,009	14,681	24,212	19,841	4,248	560	474	21.51
California	793,986	33,116	48,743	63,525	197,599	300,348	92,038	17,821	14,804	32.73

[1] Less than $10.

Source: Bureau of the Census, Department of Commerce.

No. 46.—PERSONS 10 YEARS OF AGE AND OVER—NUMBER IN TOTAL POPULATION AND NUMBER GAINFULLY OCCUPIED: BY SEX, 1890 TO 1930, AND BY SEX AND AGE, 1920 AND 1930, CONTINENTAL UNITED STATES

Year and age	Total			Male			Female		
	Total number 10 years of age and over	Gainfully occupied		Total number 10 years of age and over	Gainfully occupied		Total number 10 years of age and over	Gainfully occupied	
		Number	Per cent		Number	Per cent		Number	Per cent
1890	47,413,559	23,318,183	49.2	24,352,659	19,312,651	79.3	23,060,900	4,005,532	17.4
1900	57,049,824	29,073,233	50.2	29,703,440	23,753,836	80.0	28,246,384	5,319,397	18.8
1910	71,580,270	38,167,336	53.3	37,027,558	30,091,564	81.3	34,552,712	8,075,772	23.4
1920	82,739,315	41,614,248	50.3	42,289,969	33,064,737	78.2	40,449,346	8,549,511	21.1
10 to 13 years	8,594,872	378,063	4.4	4,336,009	258,259	6.0	4,258,863	119,804	2.8
14 years	2,046,265	257,594	12.6	1,033,297	174,683	16.9	1,012,968	82,911	8.2
15 years	1,861,445	425,201	22.8	925,079	281,306	30.4	936,766	143,895	15.4
16 years	1,972,958	778,957	39.5	976,834	501,134	51.3	996,124	277,823	27.9
17 years	1,855,173	933,691	50.3	926,033	502,322	55.0	929,140	331,369	35.7
18 and 19 years	3,740,980	2,246,203	60.0	1,845,246	1,443,968	78.3	1,895,734	802,235	42.3
20 to 24 years	9,277,021	5,930,467	63.9	4,527,045	4,121,392	91.0	4,749,976	1,809,075	38.1
25 to 44 years	31,278,522	18,996,950	60.7	16,028,920	15,579,586	97.2	15,249,602	3,417,373	22.4
45 to 64 years	17,030,165	9,004,654	58.2	9,114,960	8,552,175	93.8	7,915,205	1,352,479	17.1
65 years and over	4,933,215	1,689,737	34.3	2,483,071	1,492,837	60.1	2,450,144	196,900	8.0
Unknown	148,699	72,722	48.9	92,875	57,075	61.5	55,824	15,647	28.0
1930	98,723,047	48,829,920	49.5	48,949,798	38,077,504	76.2	48,773,249	10,752,116	22.0
10 to 13 years	9,622,492	235,328	2.4	4,802,291	162,260	3.3	4,760,201	73,068	1.5
14 years	2,382,385	157,660	6.6	1,206,486	110,839	9.2	1,175,899	46,821	4.0
15 years	2,295,699	274,130	11.9	1,154,648	187,643	16.3	1,141,051	86,487	7.6
16 years	2,367,315	587,817	24.8	1,181,920	386,511	32.7	1,185,395	201,306	17.0
17 years	2,295,822	891,024	38.8	1,157,150	577,983	49.9	1,138,672	313,041	27.5
18 and 19 years	4,593,279	2,542,213	55.3	2,264,107	1,599,768	70.7	2,329,172	942,445	40.5
20 to 24 years	10,870,378	7,147,053	65.7	5,336,815	4,709,505	89.9	5,533,563	2,347,548	42.4
25 to 29 years	9,833,608	6,255,677	63.6	4,869,180	4,714,206	97.0	4,973,428	1,541,411	31.0
30 to 34 years	9,120,421	5,567,327	61.0	4,561,786	4,454,400	97.6	4,558,635	1,112,927	24.4
35 to 39 years	9,208,045	5,619,242	61.0	4,670,860	4,571,641	97.7	4,528,785	1,047,601	23.1
40 to 44 years	7,990,195	4,881,298	61.1	4,136,459	4,036,561	97.6	3,853,736	844,737	21.9
45 to 49 years	7,042,279	4,276,070	60.7	3,671,024	3,569,094	97.2	3,370,355	706,976	21.0
50 to 54 years	5,975,804	3,555,091	59.5	3,131,045	2,986,041	95.7	2,844,159	559,050	19.7
55 to 59 years	4,645,677	2,640,064	56.8	2,425,992	2,256,771	93.0	2,219,685	383,293	17.3
60 to 64 years	3,751,221	1,950,528	52.0	1,941,508	1,684,743	86.8	1,809,713	265,785	14.7
65 to 69 years	2,770,605	1,227,042	44.3	1,417,812	1,072,909	75.7	1,352,793	154,142	11.4
70 to 74 years	1,950,004	642,902	33.0	991,647	570,233	57.5	958,357	72,669	7.6
75 years and over	1,913,196	335,023	17.5	915,752	295,616	32.3	997,444	39,407	4.0
Unknown	94,022	44,431	47.3	51,816	31,029	59.9	42,206	13,402	31.8

Source: Bureau of the Census, Department of Commerce.

No. 47.—MALES AND FEMALES 10 YEARS OF AGE AND OVER GAINFULLY OCCUPIED: BY AGE PERIODS FOR EACH PRINCIPAL CLASS OF THE POPULATION AND FOR EACH GENERAL DIVISION OF OCCUPATIONS, 1930

NOTE.—Per cents represent the proportion which persons employed form of the total number of persons of the specified class and age. For totals for all ages, see Table 46

Sex and age	Native white		Foreign-born white		Negro		Other races	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Male	27,511,862	73.4	6,255,071	88.4	3,662,893	80.2	647,978	78.0
10 to 13 years	91,440	2.2	321	.5	66,323	13.3	4,167	4.8
14 and 15 years	295,931	10.1	2,202	0.3	83,727	34.5	6,622	17.8
16 and 17 years	772,196	38.6	24,584	43.2	149,853	61.2	17,861	47.1
18 and 19 years	1,314,411	68.9	62,431	77.6	190,823	81.7	32,103	76.5
20 to 24 years	3,875,562	89.2	298,518	93.5	517,707	93.5	107,718	91.9
25 to 29 years	3,618,047	97.0	504,561	97.9	483,423	96.6	108,235	96.0
30 to 34 years	3,327,876	97.6	639,702	98.3	403,804	96.9	83,018	96.8
35 to 39 years	3,201,217	97.6	876,374	98.2	418,037	97.1	76,013	97.2
40 to 44 years	2,702,381	97.5	942,667	98.0	329,762	97.2	61,751	97.2
45 to 49 years	2,342,080	97.1	859,530	97.5	314,200	97.2	53,284	96.9
50 to 54 years	1,999,902	95.6	690,811	95.6	268,330	96.7	36,998	95.3
55 to 59 years	1,556,049	93.1	593,352	91.9	160,770	95.6	24,600	92.6
60 to 64 years	1,141,958	87.5	402,834	83.3	123,515	92.6	16,436	85.8
65 to 69 years	727,512	77.0	263,369	69.7	72,646	87.7	9,373	77.2
70 to 74 years	410,154	59.4	116,780	48.0	38,786	76.2	4,513	61.0
75 years and over	205,784	33.5	56,045	23.5	30,228	54.2	3,559	41.6
Unknown	19,353	53.0	4,990	82.9	4,959	70.2	1,727	77.0

No. 47.—Males and Females 10 Years of Age and Over Gainfully Occupied: By Age for Each Principal Class of the Population and for Each General Division of Occupations, 1930—Continued

Sex and age	Native white		Foreign-born white		Negro		Other races	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Female	7,661,508	20.5	1,156,056	18.8	1,840,642	38.9	93,910	15.2
10 to 13 years	29,057	.7	105	.2	41,878	8.4	2,028	2.4
14 and 15 years	80,863	4.1	1,516	4.4	48,120	19.1	2,800	7.6
16 and 17 years	403,308	20.5	22,991	38.6	81,719	31.7	6,320	17.4
18 and 19 years	762,322	39.5	57,692	64.5	113,542	41.5	8,889	23.8
20 to 24 years	1,848,817	41.5	181,553	52.9	299,103	46.0	18,075	21.6
25 to 29 years	1,106,705	29.0	154,198	30.5	267,688	46.9	12,820	17.0
30 to 34 years	769,781	22.3	122,865	20.6	210,157	46.9	10,124	16.8
35 to 39 years	682,261	20.8	136,152	18.4	219,586	47.7	9,602	17.2
40 to 44 years	546,923	20.0	124,165	17.0	166,355	47.8	7,294	17.9
45 to 49 years	447,514	19.1	109,431	16.0	144,011	46.9	6,020	17.6
50 to 54 years	362,804	18.2	89,029	15.0	103,328	45.5	3,889	16.7
55 to 59 years	261,257	16.4	62,370	13.2	57,173	42.3	2,493	15.0
60 to 64 years	176,139	14.0	46,237	10.8	41,711	38.3	1,698	13.2
65 to 69 years	102,223	10.9	27,511	8.2	23,513	32.5	895	10.6
70 to 74 years	48,758	7.1	12,152	5.6	11,328	23.5	431	7.9
75 years and over	24,051	3.5	6,669	2.7	8,278	13.2	409	5.4
Unknown	8,725	28.1	1,420	37.3	3,143	47.1	114	15.9

Sex and age	Agriculture	Forestry and fishing	Extraction of minerals	Manufacturing and mechanical industries	Transportation and communication	Trade	Public service (not elsewhere classified)	Professional service	Domestic and personal service	Clerical occupations
Male	9,562,059	250,140	983,564	12,224,345	3,561,943	5,118,787	338,622	1,727,650	1,772,200	2,038,494
10 to 13 years	139,697	219	135	3,493	506	14,126	132	843	2,506	603
14 and 15 years	203,403	1,330	1,034	31,696	7,579	30,088	327	3,203	7,943	11,879
16 and 17 years	433,082	5,790	18,336	233,980	49,105	93,868	4,224	14,617	33,612	77,880
18 and 19 years	527,910	10,574	40,670	484,121	117,400	158,658	21,040	33,876	61,146	144,364
20 to 24 years	1,156,936	33,572	130,183	1,556,866	488,773	548,973	85,809	189,193	193,758	415,443
25 to 29 years	902,211	31,252	130,251	1,569,965	541,351	639,810	96,753	259,527	211,064	332,082
30 to 34 years	825,680	26,960	123,035	1,501,455	509,921	670,867	101,168	233,630	205,957	204,727
35 to 39 years	895,899	28,856	133,188	1,586,037	480,106	695,919	99,400	219,188	225,774	217,274
40 to 44 years	849,079	27,353	120,256	1,410,114	398,055	591,139	84,764	189,698	203,921	162,182
45 to 49 years	844,949	25,738	104,392	1,214,428	329,889	503,299	78,104	162,528	177,055	128,712
50 to 54 years	802,094	21,363	76,598	957,615	251,127	418,090	76,182	142,300	148,405	102,267
55 to 59 years	662,246	15,218	50,130	690,130	174,155	307,423	65,293	108,043	109,666	74,467
60 to 64 years	539,104	10,517	30,229	490,122	120,549	220,388	55,913	79,425	84,994	53,502
65 to 69 years	385,893	6,413	15,969	291,323	66,262	132,350	39,334	47,373	57,016	30,967
70 to 74 years	241,862	3,181	6,219	134,647	23,735	67,689	20,662	26,687	31,021	14,530
75 years and over	147,369	1,489	2,346	56,980	8,916	31,868	8,824	15,775	15,791	6,258
Unknown	4,645	315	593	11,374	3,514	4,232	684	1,744	2,571	1,357
Female	909,939	329	759	1,886,307	281,204	962,680	17,583	1,528,234	3,180,251	1,986,830
10 to 13 years	65,866	3	2	1,268	77	620	11	126	4,995	100
14 and 15 years	60,531	10	13	31,809	555	4,781	15	672	30,701	4,221
16 and 17 years	72,989	18	76	164,005	17,233	44,480	42	8,458	129,547	77,499
18 and 19 years	67,936	26	95	219,666	41,291	85,063	96	74,677	204,153	249,442
20 to 24 years	112,811	36	147	396,692	88,858	181,613	1,562	419,657	481,358	664,814
25 to 29 years	70,047	29	71	236,542	49,175	122,340	1,981	287,874	392,392	380,960
30 to 34 years	57,883	32	70	181,184	29,586	106,275	2,132	185,690	327,764	222,311
35 to 39 years	63,689	40	75	178,510	20,943	112,422	2,504	156,604	355,605	152,209
40 to 44 years	65,157	30	52	144,425	12,889	96,016	2,442	119,390	306,597	97,730
45 to 49 years	67,113	25	53	113,492	8,275	78,683	2,196	93,231	281,501	62,317
50 to 54 years	61,344	22	39	85,119	5,474	57,397	1,914	74,246	235,668	37,827
55 to 59 years	46,234	20	31	57,614	3,268	35,641	1,289	48,112	169,858	20,226
60 to 64 years	38,200	10	14	38,557	1,962	20,379	743	30,322	125,785	9,813
65 to 69 years	20,198	9	12	22,072	894	10,009	406	14,721	76,010	3,811
70 to 74 years	16,063	4	6	9,435	333	4,062	148	6,007	35,442	1,169
75 years and over	12,440	4	1	4,068	157	1,748	67	2,721	17,709	492
Unknown	438	2	2	1,849	234	1,151	35	2,726	5,076	1,889

Source: Bureau of the Census, Department of Commerce.

No. 48.—GAINFUL WORKERS 10 YEARS OLD AND OVER: BY GENERAL DIVISIONS OF OCCUPATIONS AND SEX, CONTINENTAL UNITED STATES

[Per cent not shown where less than 0.1]

Year and general division of occupations	Number			Per cent distribution			Per cent of total	
	Total	Male	Female	Total	Male	Female	Male	Female
1920	41, 614, 248	33, 064, 737	8, 549, 511	100.0	100.0	100.0	79.5	20.5
Agriculture	10, 665, 812	9, 582, 666	1, 083, 146	25.6	29.0	12.7	89.8	10.2
Forestry and fishing	270, 214	269, 541	673	.6	.8	-------	99.8	.2
Extraction of minerals	1, 090, 223	1, 087, 359	2, 864	2.6	3.3	-------	99.7	.3
Manufacturing and mechanical industries	12, 831, 879	10, 901, 527	1, 930, 352	30.8	33.0	22.6	85.0	15.0
Transportation and communication	3, 096, 829	2, 872, 559	224, 270	7.4	8.7	2.6	92.8	7.2
Trade	4, 257, 684	3, 585, 701	671, 983	10.2	10.8	7.9	84.2	15.8
Public service (not elsewhere classified)	738, 525	727, 939	10, 586	1.8	2.2	.1	98.6	1.4
Professional service	2, 171, 251	1, 154, 221	1, 017, 030	5.2	3.5	11.9	53.2	46.8
Domestic and personal service	3, 379, 995	1, 193, 313	2, 186, 682	8.1	3.6	25.6	35.3	64.7
Clerical occupations	3, 111, 836	1, 689, 911	1, 421, 925	7.5	5.1	16.6	54.3	45.7
1930	48, 829, 920	38, 077, 804	10, 752, 116	100.0	100.0	100.0	78.0	22.0
Agriculture	10, 471, 998	9, 562, 059	909, 939	21.4	25.1	8.5	91.3	8.7
Forestry and fishing	250, 469	250, 140	329	.5	.7	-------	99.9	.1
Extraction of minerals	984, 323	983, 564	759	2.0	2.6	-------	99.9	.1
Manufacturing and mechanical industries	14, 110, 652	12, 224, 345	1, 886, 307	28.9	32.1	17.5	86.6	13.4
Transportation and communication	3, 843, 147	3, 561, 943	281, 204	7.9	9.4	2.6	92.7	7.3
Trade	6, 081, 467	5, 118, 787	962, 680	12.5	13.4	9.0	84.2	15.8
Public service (not elsewhere classified)	856, 205	838, 622	17, 583	1.8	2.2	.2	97.9	2.1
Professional service	3, 253, 884	1, 727, 650	1, 526, 234	6.7	4.5	14.2	53.1	46.9
Domestic and personal service	4, 952, 451	1, 772, 200	3, 180, 251	10.1	4.7	29.6	35.8	64.2
Clerical occupations	4, 025, 324	2, 038, 494	1, 986, 830	8.2	5.4	18.5	50.6	49.4

Source: Bureau of the Census, Department of Commerce.

No. 49.—GAINFUL WORKERS 10 YEARS OLD AND OVER: BY OCCUPATION AND SEX, CONTINENTAL UNITED STATES

[The 1920 figures for certain division totals have been corrected to conform with the 1930 classification]

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
All occupations	41, 614, 248	33, 064, 737	8, 549, 511	48, 829, 920	38, 077, 804	10, 752, 116
Agriculture [1]	10, 665, 812	9, 582, 666	1, 083, 146	10, 471, 998	9, 562, 059	909, 939
Farmers (owners and tenants)	6, 387, 360	6, 121, 783	265, 577	6, 012, 012	5, 749, 367	262, 645
Farm managers and foremen	92, 324	77, 984	14, 340	67, 222	66, 259	963
Farm laborers	4, 186, 128	3, 382, 899	803, 229	4, 392, 764	3, 746, 433	646, 331
Wage workers [2]	2, 336, 009	2, 109, 422	220, 587	2, 732, 972	2, 561, 649	171, 323
Unpaid family workers [2]	1, 850, 119	1, 273, 477	576, 642	1, 659, 792	1, 184, 784	475, 008
Forestry and fishing	270, 214	269, 541	673	250, 469	250, 140	329
Fishermen and oystermen	52, 836	52, 457	379	73, 280	73, 071	209
Foresters, forest rangers, and timber cruisers	3, 553	3, 551	2	8, 057	8, 042	15
Owners and managers of log and timber camps	8, 410	8, 397	13	6, 899	6, 889	10
Owners and proprietors	6, 315	6, 307	8	5, 650	5, 641	9
Managers and officials	2, 095	2, 090	5	1, 249	1, 248	1
Lumbermen, raftsmen, and wood choppers	205, 315	205, 036	279	162, 233	162, 138	95

[1] Because of changes made in 1930 in the classification of agricultural pursuits, it is impossible to group the 1920 occupations exactly according to the 1930 classification. It is believed, however, that the effect of the difference in grouping on the comparability of figures here presented is negligible. Figures have been adjusted to exclude those employed on turpentine farms classified in "Agriculture" in 1920 (see Note 5).

[2] Since, in 1920, only farm laborers on general farms were distinguished as working on "home farm" or "working out," farm laborers on dairy farms, stock farms, truck farms, poultry farms, etc., who were, in fact, working on the "home farm" as "unpaid family workers" were not included in "Farm laborers (home farm)." Hence, as here compiled for 1920, the number of farm laborers classified as "Wage workers" probably is somewhat too large, and the number classified as "Unpaid family workers" somewhat too small.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Extraction of minerals	1,090,225	1,087,359	2,864	984,328	983,564	759
Operators, managers, and officials	34,325	34,143	182	30,896	30,755	141
Operators	17,334	17,216	118	15,511	15,423	88
Managers and officials	16,991	16,927	64	15,385	15,332	53
Foremen, overseers, and inspectors	36,931	36,923	8	34,286	34,274	12
Coal mine operatives	733,936	732,441	1,495	621,661	621,545	116
Copper mine operatives	36,054	35,918	136	30,939	30,936	3
Gold and silver mine operatives	32,700	32,666	34	18,157	18,148	9
Iron mine operatives	38,704	38,605	99	24,248	24,245	3
Lead and zinc mine operatives	20,768	20,749	49	16,154	16,153	1
Other and not specified mine operatives	20,691	20,633	58	33,346	33,316	30
Quarry operatives	45,162	45,084	78	65,288	65,263	25
Oil and gas well operatives	85,550	85,303	247	105,224	105,212	12
Salt well and works operatives	5,472	4,994	478	4,124	3,717	407
Manufacturing and mechanical industries	12,831,879	10,901,527	1,930,352	14,110,652	12,224,345	1,886,307
Apprentices to building and hand trades	73,953	73,897	56	40,133	40,105	28
Carpenters' apprentices	4,805	4,797	8	4,138	4,133	5
Electricians' apprentices	9,562	9,557	5	4,611	4,604	7
Machinists' apprentices [3]	39,463	39,448	15	13,606	13,600	6
Plumbers' apprentices	7,386	7,386	----------	5,937	5,937	----------
Apprentices to other building and hand trades	12,737	12,709	28	11,841	11,831	10
Apprentices to dressmakers and milliners	4,326	17	4,309	2,181	20	2,161
Apprentices to printers and bookbinders	11,603	10,366	1,237	10,928	10,575	353
Other apprentices in manufacturing [4]	50,518	46,687	3,831	24,210	22,855	1,355
Bakers	97,940	93,347	4,593	140,800	131,884	8,916
Blacksmiths, forgemen, and hammermen	221,421	221,416	5	147,469	147,460	9
Boilermakers	74,088	74,088	----------	49,923	49,923	----------
Brick and stone masons and tile layers	131,264	131,257	7	170,903	170,896	7
Builders and building contractors	90,109	90,030	79	167,512	167,310	202
Cabinetmakers	45,511	45,503	8	57,897	57,890	7
Carpenters	887,379	887,208	171	929,426	929,376	50
Compositors, linotypers, and typesetters	140,165	128,859	11,306	183,632	173,363	10,269
Coopers	19,066	19,061	5	11,347	11,347	----------
Dressmakers and seamstresses (not in factory)	235,855	336	235,519	158,380	452	157,928
Dyers	15,109	14,978	131	17,719	17,425	294
Electricians	212,964	212,945	19	280,317	280,279	38
Electrotypers, stereotypers, and lithographers	13,716	13,530	186	16,692	16,448	244
Engineers (stationary), cranemen, etc	279,984	279,940	44	316,964	316,942	22
Engineers (stationary)	242,096	242,064	32	256,078	256,060	18
Cranemen, derrickmen, hoistmen, etc	37,888	37,876	12	60,886	60,882	4
Engravers	15,053	14,492	561	19,437	18,747	690
Filers, grinders, buffers, and polishers (metal)	59,785	57,315	2,470	78,600	76,264	2,336
Firemen (except locomotive and fire dept.)	143,875	143,862	13	127,294	127,293	1
Foremen and overseers (manufacturing) [5]	308,137	277,966	30,171	338,504	310,037	28,467
Furnace men, smelter men, heaters, puddlers, etc	40,806	40,800	6	35,166	35,165	1
Glass blowers	9,144	9,055	89	3,268	3,209	59
Jewelers, watchmakers, goldsmiths, and silversmiths	39,592	37,914	1,678	38,662	37,408	1,254
Loom fixers	15,961	15,958	3	19,215	19,180	35
Machinists, millwrights, and toolmakers	894,662	894,654	8	761,095	761,075	20
Machinists	801,901	801,896	5	640,289	640,285	4
Millwrights	37,669	37,669	----------	42,012	42,006	6
Toolmakers and die setters and sinkers	55,092	55,089	3	78,794	78,784	10
Managers and officials (manufacturing) [6]	249,950	241,619	8,331	312,756	302,334	10,422
Manufacturers [6]	183,695	178,750	4,945	207,901	202,190	5,711
Mechanics (n. o. s.) [6]	[6a] 281,741	[6a] 281,690	[6a] 51	638,253	638,190	63
Air transportation	(7)	(7)	(7)	3,406	3,405	1
Automobile factories, garages, repair shops	(7)	(7)	(7)	394,188	394,169	19
Railroad and car shops	(7)	(7)	(7)	21,847	21,847	----------
Other industries	(7)	(7)	(7)	218,812	218,769	43
Millers (grain, flour, feed, etc.)	23,272	23,265	7	15,946	15,906	40
Milliners and millinery dealers	73,255	3,057	69,598	44,948	4,846	40,102
Molders, founders, and casters (metal)	123,681	123,668	13	105,158	105,139	19
Oilers of machinery	24,512	24,568	44	31,210	31,169	41

[3] Many of the machinists' apprentices probably are machine tenders.

[4] Includes, for 1920, groups otherwise classified in 1930 as follows: Apprentices, steam railroad, telegraph and telephone, other transportation and communication; Apprentices, wholesale and retail trade; Apprentices to other professional persons. "Architects', designers', and draftsmen's apprentices," classified in "Manufacturing and mechanical industries" in 1920, was transferred to "Professional service" in 1930.

[5] Persons employed on turpentine farms classified in "Agriculture, forestry, etc.," in 1920, were transferred to "Manufacturing and Mechanical Industries" in 1930.

[6] Not otherwise specified.

[6a] Figures are not comparable with data for 1930.

[7] Comparable figures for 1920 not available.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Painters, glaziers, varnishers, etc	323,032	319,697	3,335	528,931	524,150	4,781
Enamelers, lacquerers, and japanners	4,137	3,168	969	5,758	4,622	1,136
Painters, glaziers, and varnishers:						
Building	248,497	248,394	103	430,105	429,982	123
Factory	70,398	68,135	2,263	93,068	89,546	3,522
Paper hangers	18,746	18,338	408	28,328	26,872	1,456
Pattern and model makers	27,720	27,663	57	29,750	29,711	39
Piano and organ tuners	7,047	7,007	40	6,823	6,799	24
Plasterers and cement finishers	45,876	45,870	6	85,480	85,477	3
Plumbers and gas and steam fitters	206,718	206,715	3	237,814	237,813	1
Pressmen and plate printers (printing)	18,683	18,683		31,215	31,215	
Rollers and roll hands (metal)	25,061	25,061		30,765	30,765	
Roofers and slaters	11,378	11,378		23,636	23,636	
Sawyers	33,809	33,800	9	36,064	35,984	80
Shoemakers and cobblers (not in factory)	78,859	78,599	260	76,388	76,127	261
Skilled occupations (not elsewhere classified)	12,348	12,319	29	12,258	12,227	31
Stonecutters	22,099	22,096	3	22,888	22,887	1
Structural iron workers (building)	18,836	18,836		28,966	28,966	
Tailors and tailoresses	192,232	160,404	31,828	169,283	147,476	21,807
Tinsmiths and coppersmiths	74,968	74,957	11	83,427	83,421	6
Upholsterers	29,605	27,338	2,267	51,452	49,097	2,355
Operatives (n. o. s.[6]):						
Building industry	7,003	6,983	20	18,442	18,419	23
Chemical and allied industries	[8] 70,416	[8] 51,287	[8] 19,129	117,467	88,604	28,863
Charcoal and coke works	1,722	1,692	30	1,587	1,572	15
Explosives, ammunition, and fireworks factories	7,370	4,811	2,568	5,904	3,322	2,582
Fertilizer factories	1,407	1,352	55	1,538	1,484	54
Gas works	9,462	9,294	168	13,896	13,873	23
Paint and varnish factories	5,521	4,686	835	8,297	7,266	1,031
Petroleum refineries	8,891	8,229	662	25,274	24,781	493
Rayon factories	(8)	(8)	(8)	20,940	10,087	10,853
Soap factories	6,288	3,239	3,049	5,289	3,405	1,884
Other chemical factories	29,746	17,994	11,762	34,742	22,814	11,928
Cigar and tobacco factories	145,222	61,262	83,960	103,715	35,767	67,948
Clay, glass, and stone industries	85,434	72,269	13,165	96,342	80,630	15,712
Brick, tile, and terra cotta factories	9,987	9,357	630	12,884	11,535	1,349
Glass factories	44,831	37,636	7,195	40,853	33,554	7,299
Lime, cement, and artificial stone factories	7,633	7,426	207	11,395	11,069	326
Marble and stone yards	5,546	5,478	68	7,963	7,953	10
Potteries	17,437	12,372	5,065	23,247	16,519	6,728
Clothing industries	409,361	143,718	265,643	488,909	142,158	346,751
Corset factories	12,642	1,115	11,527	10,921	852	10,069
Glove factories	23,357	6,584	16,773	18,465	4,955	13,510
Hat factories (felt)	21,178	14,716	6,462	26,454	17,981	8,473
Shirt, collar, and cuff factories	52,377	10,361	42,016	55,471	9,708	45,763
Suit, coat, and overall factories	143,872	79,357	64,515	106,773	50,190	56,583
Other clothing factories	155,935	31,585	124,350	270,825	58,472	212,353
Food and allied industries	204,550	131,453	73,097	224,416	135,830	88,586
Bakeries	20,441	8,858	11,583	27,901	12,602	15,299
Butter, cheese, condensed milk factories	18,841	16,096	2,745	25,707	21,331	4,376
Candy factories	52,281	20,913	31,368	44,470	17,404	27,066
Fish curing and packing	7,586	4,363	3,223	6,796	3,699	3,097
Flour and grain mills	8,112	7,524	588	6,872	6,320	552
Fruit and vegetable canning, etc	10,204	3,898	6,306	18,748	5,196	13,552
Slaughter and packing houses	49,991	41,906	8,085	53,059	43,052	10,007
Sugar factories and refineries	3,806	3,144	662	3,778	3,070	708
Other food factories	17,633	9,791	7,842	25,898	12,743	13,155
Liquor and beverage industries	15,655	14,960	695	11,187	10,413	774
Iron and steel, machinery, and vehicle industries	689,980	632,161	57,819	651,398	590,635	60,763
Agricultural implement factories	7,722	7,136	586	8,782	8,281	501
Automobile factories	121,164	108,376	12,788	161,957	142,925	19,032
Automobile repair shops	(9)	(9)	(9)	9,452	9,407	45
Blast furnaces and steel rolling mills [10]	93,627	89,526	4,101	106,664	103,575	3,089
Car and railroad shops	97,979	97,003	976	65,008	64,573	435
Ship and boat building	97,666	97,175	491	19,969	19,904	65
Wagon and carriage factories	9,430	8,749	681	2,706	2,517	249
Other iron and steel and machinery factories [11]	[9] 245,450	[9] 209,112	[9] 36,338	248,911	213,952	34,959
Not specified metal industries	16,942	15,084	1,858	27,889	25,501	2,388

[6] Not otherwise specified.

[8] The few operatives and laborers in rayon factories in 1920 were classified with operatives and laborers, respectively, in "Not specified textile mills."

[9] Automobile repair shops included in "other iron and steel factories."

[10] Includes tin-plate mills.

[11] Includes iron foundries.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Operatives (n. o. s.[6])—Continued.						
Metal industries (except iron and steel)	91,291	60,844	30,447	91,852	61,049	30,803
Brass mills	17,482	13,576	3,906	14,834	11,606	3,228
Clock and watch factories	18,244	10,043	8,201	15,036	8,492	6,544
Copper factories	2,986	2,834	152	2,950	2,824	126
Gold and silver factories	6,239	4,432	1,807	5,902	3,877	2,025
Jewelry factories	15,083	8,946	6,137	13,979	7,766	6,213
Lead and zinc factories	2,464	2,186	278	2,014	1,840	174
Tinware, enamelware, etc., factories	19,356	12,167	7,189	23,290	15,250	8,040
Other metal factories	9,437	6,660	2,777	13,847	9,394	4,453
Leather industries	279,231	196,437	82,794	267,518	175,768	91,750
Harness and saddle factories	18,135	17,573	562	7,164	6,890	274
Leather belt, leather goods, etc., factories [12]	17,189	12,809	4,380	16,533	11,080	5,453
Shoe factories	206,225	132,813	73,412	209,928	128,377	81,551
Tanneries	32,226	28,598	3,628	28,093	25,395	3,598
Trunk, suitcase, and bag factories [12]	5,456	4,644	812	4,900	4,026	874
Lumber and furniture industries	168,719	150,079	18,640	177,457	157,861	19,596
Furniture factories	55,717	48,906	6,811	75,235	66,131	9,104
Piano and organ factories	19,852	16,949	2,903	8,177	7,535	642
Saw and planing mills [13]	57,320	54,016	3,304	58,986	56,389	2,597
Other woodworking factories	35,830	30,208	5,622	35,059	27,806	7,253
Paper, printing, and allied industries	155,524	87,679	67,845	165,911	102,421	63,490
Blank book, envelope, tag, paper bag, etc., factories	13,694	5,117	8,577	17,127	6,488	10,639
Paper and pulp mills	54,669	41,321	13,348	63,629	49,709	13,920
Paper box factories	20,452	7,077	13,375	14,284	5,707	8,577
Printing, publishing, and engraving	66,709	34,164	32,545	70,871	40,457	30,414
Textile industries—						
Cotton mills	302,454	153,269	149,185	302,501	156,818	145,683
Knitting mills	107,604	26,922	80,682	134,006	44,203	89,803
Silk mills	115,721	42,953	72,768	125,770	52,080	73,690
Textile dyeing, finishing, and printing mills	17,736	12,154	5,582	19,613	13,947	5,666
Woolen and worsted mills	126,418	64,703	61,715	101,821	52,761	49,060
Other textile mills	[14] 122,464	[14] 54,033	[14] 68,431	133,660	65,312	68,348
Carpet mills	23,387	13,003	10,384	28,609	16,486	12,123
Hemp, jute, and linen mills	6,742	2,811	3,931	4,503	2,074	2,429
Lace and embroidery mills	19,083	6,086	12,997	11,417	4,221	7,196
Rope and cordage factories	8,454	4,714	3,740	5,469	3,067	2,402
Sail, awning, and tent factories	3,543	2,538	1,005	4,275	2,566	1,709
Other and not specified textile mills	[14] 61,255	[14] 24,881	[14] 36,374	79,387	36,898	42,489
Miscellaneous manufacturing industries	536,832	344,568	192,264	536,108	353,744	182,364
Broom and brush factories	12,606	10,219	2,387	9,521	7,622	1,899
Button factories	12,977	7,768	5,209	7,565	4,496	3,069
Electric light and power plants	15,949	15,610	339	49,289	49,218	51
Electrical machinery and supply factories	64,841	37,452	27,389	117,327	72,012	45,315
Rubber factories	86,204	67,370	18,834	80,835	59,546	21,289
Straw factories	14,102	7,751	6,351	1,818	584	1,234
Turpentine farms and distilleries	1,138	1,130	8	1,368	1,360	8
Other and not specified manufacturing	[15] 329,015	[15] 197,268	[15] 131,747	268,405	158,906	109,499
Not specified industries and services				163,152	123,252	29,900
Laborers (n. o. s.[6]):						
Building, general, and not specified laborers	686,722	671,487	15,235	1,115,667	1,104,132	11,535
Laborers and helpers, building construction	(7)	(7)	(7)	419,802	419,675	127
General and not specified laborers	(7)	(7)	(7)	695,865	684,457	11,408
Chemical and allied industries	[16] 134,313	[16] 130,699	[16] 3,614	151,918	148,507	3,411
Charcoal and coke works	9,384	9,352	32	4,783	4,772	11
Explosives, ammunition, and fireworks factories	8,467	7,821	646	5,047	4,447	600
Fertilizer factories	12,943	12,808	135	18,243	18,157	86
Gas works	18,845	18,787	58	28,897	28,884	13
Paint and varnish factories	4,841	4,677	164	6,171	6,017	154
Petroleum refineries	31,795	31,566	229	40,816	40,645	171
Rayon factories	(16)	(16)	(16)	4,962	4,451	511
Soap factories	4,715	4,346	369	4,799	4,566	233
Other chemical factories	43,323	41,342	1,981	38,200	36,568	1,632

[6] Not otherwise specified.

[7] Comparable figures for 1920 not available.

[12] Operatives and laborers in leather bag factories, included in the group, "Leather belt, leather case, etc., factories" in 1920, were transferred to the group, "Trunk, suit case, and bag factories" in 1930.

[13] Includes box factories (wood).

[14] See note 8, p. 57 and note 15 below.

[15] Some operatives and laborers included in "Other and not specified manufacturing" in 1920 were classified in "Other and not specified textile mills" in 1930. "Helpers in motion-picture production," included in "Operatives, other miscellaneous manufacturing and mechanical industries" in 1920, were classified in "Professional service" in 1930.

[16] See note 8, p. 57.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Laborers (n. o. s.[6])—Continued.						
Cigar and tobacco factories	35,157	21,295	13,862	20,581	14,094	6,487
Clay, glass, and stone industries	124,544	120,215	4,329	145,665	142,095	3,570
Brick, tile, and terra-cotta factories	48,636	48,099	537	59,543	58,792	751
Glass factories	28,937	26,461	2,476	28,108	26,362	1,746
Lime, cement, and artificial-stone factories	30,051	29,884	167	38,634	38,475	159
Marble and stone yards	5,084	5,061	23	8,102	8,097	5
Potteries	11,836	10,710	1,126	11,278	10,369	909
Clothing industries	12,776	6,414	6,362	15,293	8,558	6,735
Corset factories	771	194	577	350	133	217
Glove factories	1,757	899	858	1,159	550	609
Hat factories (felt)	989	825	164	1,142	966	176
Shirt, collar, and cuff factories	2,708	1,317	1,391	4,136	2,314	1,822
Suit, coat, and overall factories	3,984	2,219	1,765	3,794	2,456	1,338
Other clothing factories	2,567	960	1,607	4,712	2,139	2,573
Food and allied industries	170,065	153,692	16,373	154,886	136,802	18,084
Bakeries	8,815	6,869	1,446	12,362	10,786	1,576
Butter, cheese, and condensed-milk factories	15,190	14,174	1,016	17,433	16,518	915
Candy factories	6,584	4,398	2,186	5,552	4,080	1,472
Fish curing and packing	6,300	5,261	1,039	6,172	4,596	1,576
Flour and grain mills	18,121	17,983	138	15,997	15,339	658
Fruit and vegetable canning, etc.	13,058	9,743	3,315	19,544	14,987	4,557
Slaughter and packing houses	59,548	55,436	4,112	43,045	39,384	3,661
Sugar factories and refineries	15,733	15,414	319	9,298	9,038	260
Other food factories	16,686	14,119	2,567	16,968	13,281	3,687
Liquor and beverage industries	10,530	10,295	235	8,515	8,293	222
Iron and steel, machinery, and vehicle industries	729,613	717,022	12,591	662,131	652,027	10,104
Agricultural-implement factories	11,409	11,292	117	10,873	10,735	138
Automobile factories	83,341	80,874	2,467	123,717	120,150	3,567
Automobile repair shops	(9)	(9)	(9)	12,653	12,617	36
Blast furnaces and steel rolling mills [10]	258,830	256,548	2,282	235,726	234,524	1,202
Car and railroad shops	53,643	53,280	363	37,789	37,542	247
Ship and boat building	69,196	68,917	279	17,352	17,325	27
Wagon and carriage factories	9,817	9,594	223	1,419	1,406	13
Other iron and steel and machinery factories [11]	[9] 179,607	[9] 173,734	[9] 5,873	171,814	167,534	4,280
Not specified metal industries	63,770	62,783	987	60,788	60,194	594
Metal industries (except iron and steel)	67,887	62,771	5,116	62,398	58,913	3,485
Brass mills	18,485	17,614	871	14,809	14,411	398
Clock and watch factories	3,108	1,929	1,179	1,546	1,018	528
Copper factories	10,963	10,908	55	8,013	7,950	63
Gold and silver factories	2,272	2,061	211	1,199	1,098	101
Jewelry factories	1,421	1,255	166	397	328	69
Lead and zinc factories	8,927	8,859	68	8,116	8,093	23
Tinware, enamelware, etc., factories	17,605	15,436	2,169	20,181	18,313	1,868
Other metal factories	5,106	4,709	397	8,137	7,702	435
Leather industries	54,639	48,167	6,472	38,601	33,003	5,598
Harness and saddle factories	1,885	1,727	158	501	469	32
Leather-belt, leather-goods, etc., factories [17]	3,578	3,274	304	1,930	1,701	229
Shoe factories	19,210	14,194	5,016	18,389	13,647	4,742
Tanneries	27,480	26,703	777	16,809	16,296	513
Trunk, suitcase, and bag factories [17]	2,486	2,269	217	972	890	82
Lumber and furniture industries	320,613	309,874	10,739	333,539	326,071	7,468
Furniture factories	35,272	32,600	2,672	39,802	38,321	1,481
Piano and organ factories	5,321	4,596	725	1,564	1,566	98
Saw and planing mills [13]	245,683	241,334	4,349	251,741	248,803	2,938
Other woodworking factories	34,337	31,344	2,993	40,332	37,381	2,951
Paper, printing, and allied industries	67,083	61,073	6,010	69,373	64,175	5,198
Blank-book, envelope, tag, paper-bag, etc., factories	3,455	2,646	809	3,926	3,072	854
Paper and pulp mills	52,263	49,786	2,477	52,038	49,677	2,361
Paper-box factories	3,384	2,401	983	2,587	1,986	601
Printing, publishing, and engraving	7,981	6,240	1,741	10,822	9,440	1,382
Textile industries—						
Cotton mills	76,315	59,646	16,669	55,519	46,439	9,080
Knitting mills	11,943	6,603	5,340	9,412	5,884	3,528
Silk mills	10,080	7,350	2,730	11,078	8,920	2,158
Textile dyeing, finishing, and printing mills	10,605	9,885	720	7,571	7,257	314
Woolen and worsted mills	22,227	18,238	3,989	13,753	11,955	1,798

[6] Not otherwise specified.
[9] Automobile repair shops included in "Other iron and steel factories".
[10] Includes tin-plate mills.
[11] Includes iron foundries.
[13] Includes box factories (wood).
[17] See note 12, p. 58.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Laborers (n. o. s.[6])—Continued.						
Textile industries—Continued.						
Other textile mills	[14] 22,140	[14] 18,619	[14] 3,521	23,199	20,320	2,879
Carpet mills	3,953	3,378	575	4,828	4,236	592
Hemp, jute, and linen mills	1,712	1,474	238	961	863	98
Lace and embroidery mills	944	677	267	569	444	125
Rope and cordage factories	4,268	3,805	463	2,921	2,632	289
Sail, awning, and tent factories	283	237	46	721	661	60
Other and not specified textile mills	[14] 10,980	[14] 9,048	[14] 1,932	13,199	11,484	1,715
Miscellaneous mfg. industries [18]	[19] 399,988	[19] 364,244	[19] 35,744	322,696	298,609	24,087
Broom and brush factories	2,800	2,407	393	2,587	2,370	217
Button factories	1,407	1,093	314	1,129	940	189
Electric light and power plants	15,417	15,255	162	35,665	35,650	15
Electrical machinery and supply factories	26,789	23,562	3,227	36,885	33,345	3,540
Rubber factories	51,467	47,515	3,952	29,123	25,980	3,143
Straw factories	577	513	64	148	136	12
Turpentine farms and distilleries [18]	25,830	25,395	435	37,620	37,313	307
Other and not specified mfg. industries	[19] 275,701	[19] 248,504	[19] 27,197	170,539	162,875	16,664
Transportation and communication	**3,096,828**	**2,872,568**	**224,270**	**3,843,147**	**3,561,943**	**281,204**
Water transportation: [20]						
Boatmen, canal men, and lock keepers	6,319	6,286	33	5,643	5,603	40
Captains, masters, mates, and pilots	26,320	26,318	2	24,485	24,482	3
Longshoremen and stevedores	85,928	85,605	323	73,954	73,944	10
Sailors and deck hands	54,832	54,800	32	64,700	64,692	8
Road and street transportation: [20]						
Bus conductors	[21]	[21]	[21]	1,002	1,002	
Chauffeurs and truck and tractor drivers [22]	285,045	284,096	949	972,418	970,916	1,502
Draymen, teamsters, and carriage drivers [22, 23]	420,186	419,450	739	111,224	111,178	46
Garage owners, managers, and officials	42,151	41,944	207	66,965	66,543	422
Garage laborers	31,450	31,339	111	66,693	66,536	157
Hostlers and stable hands	18,976	18,973	3	6,654	6,654	
Laborers, truck, transfer, and cab companies	[24]	[24]	[24]	40,970	40,920	50
Laborers, road, street, etc., building and repairing	115,836	115,673	163	290,354	290,308	46
Laborers, street cleaning	11,196	11,192	4	16,673	16,672	1
Owners, managers, and officials, truck, transfer, and cab companies	23,497	23,231	266	41,084	40,508	576
Railroad transportation: [20]						
Baggagemen and freight agents	16,819	16,789	30	16,377	16,361	16
Boiler washers and engine hostlers	25,305	25,271	34	18,300	18,300	
Brakemen, steam railroad	114,107	114,107		88,197	88,197	
Conductors, steam railroad	74,539	74,539		73,332	73,332	
Conductors, street railroad	63,760	63,507	253	35,697	35,680	17
Foremen and overseers	79,294	79,216	78	79,737	79,682	55
Steam railroad	73,046	72,980	66	73,910	73,860	50
Street railroad	6,248	6,236	12	5,827	5,822	5
Laborers (includes construction laborers)	495,713	488,659	7,054	462,474	459,090	3,384
Steam railroad	470,199	463,613	6,586	435,058	431,947	3,111
Street railroad	25,514	25,046	468	27,416	27,143	273
Locomotive engineers [25]	109,899	109,899		101,201	101,201	
Locomotive firemen [25]	91,345	91,345		67,096	67,096	
Motormen	66,519	66,499	20	60,723	60,718	5
Steam railroad	3,560	3,560		2,754	2,754	
Street railroad	62,959	62,939	20	57,969	57,964	5
Officials and superintendents	35,881	35,830	51	37,989	37,963	26
Steam railroad	32,426	32,385	41	34,380	34,359	21
Street railroad	3,455	3,445	10	3,609	3,604	5
Switchmen, flagmen, and yardmen	111,565	111,000	565	102,773	102,484	289
Switchmen and flagmen, steam railroad	101,917	101,359	558	92,217	91,928	289
Switchmen and flagmen, street railroad	2,500	2,496	4	2,608	2,608	
Yardmen, steam railroad	7,148	7,145	3	7,948	7,948	
Ticket and station agents	26,585	24,324	2,261	27,160	25,370	1,790

[6] Not otherwise specified. [14] See note 8, p. 57 and note 15, p. 58. [18] See note 5, p. 56.
[19] See note 15, p. 58. [20] Selected occupations. [21] Not classified separately in 1920.
[22] Neither in 1920 nor in 1930 was the attempt to distinguish chauffeurs and motor truck drivers from draymen, teamsters, and carriage drivers very successful.
[23] Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; drivers for bakeries and stores are classified as deliverymen in trade, and drivers for laundries are classified as deliverymen in domestic and personal service.
[24] Included with "Draymen, teamsters, and expressmen" in 1920.
[25] Because of indefinite returns by census enumerators, it is probable that some stationary engineers were included with locomotive engineers, and some firemen of stationary boilers with locomotive firemen.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Transportation, etc.—Continued.						
Express, post, radio, telegraph, and telephone :[20]						
Agents, express companies	5,293	5,193	100	4,176	4,102	74
Express messengers and railway mail clerks	25,005	24,996	9	25,608	25,600	8
Express messengers	9,138	9,129	9	8,211	8,207	4
Railway mail clerks	15,867	15,867	----------	17,397	17,393	4
Mail carriers	91,451	90,131	1,320	121,333	120,204	1,129
Postmasters [26]	31,935	20,727	11,208	34,421	20,818	13,603
Radio operators	(27)	(27)	(27)	4,955	4,909	46
Telegraph and telephone linemen	37,917	37,905	12	71,625	71,624	1
Telegraph messengers	9,403	8,969	434	16,176	15,997	179
Telegraph operators	[27] 79,434	[27] 62,574	[27] 16,860	67,821	51,699	16,122
Telephone operators	190,160	11,781	178,379	248,884	13,625	235,259
Other transportation and *communication*:						
Apprentices, steam railroad, telegraph and telephone, and other transportation, etc	(28)	(28)	(28)	6,151	6,097	54
Aviators [29]	1,312	1,304	8	6,097	6,031	66
Foremen and overseers (n. o. s.[6])	29,863	29,824	39	52,135	52,061	74
Air transportation	(21)	(21)	(21)	181	181	----------
Garages, greasing stations, and automobile laundries	(30)	(30)	(30)	6,652	6,650	2
Road, street, etc., *building and repairing*	9,558	9,557	1	23,250	23,249	1
Telegraph and telephone	6,822	6,797	25	11,172	11,112	60
Other transp. and communication	[30] 13,483	[30] 13,470	[30] 13	10,880	10,869	11
Inspectors	50,233	49,848	385	52,120	50,965	1,155
Steam railroad	42,721	42,675	46	39,079	39,066	13
Street railroad	3,451	3,445	6	3,330	3,325	5
Telegraph and telephone	2,821	2,491	330	4,173	3,040	1,133
Other transp. and communication	1,240	1,237	3	5,538	5,534	4
Laborers (n. o. s.[6])	33,432	33,229	203	51,663	50,998	65
Air transportation	(21)	(21)	(21)	1,609	1,602	7
Express companies	9,089	9,067	22	7,086	7,085	1
Pipe lines	7,309	7,302	7	13,704	13,700	4
Telegraph and telephone	5,088	5,011	77	12,674	12,647	27
Water transportation	5,966	5,963	3	11,329	11,327	2
Other transp. and communication	5,920	5,826	94	4,661	4,637	24
Proprietors, managers, and *officials* (n. o. s.[6])	30,197	29,552	645	37,990	34,987	3,003
Air transportation	(21)	(21)	(21)	1,090	1,085	5
Telegraph and telephone	11,603	11,059	544	18,957	16,084	2,873
Other transp. and communication	18,594	18,493	101	17,943	17,818	125
Other occupations	48,124	46,634	1,490	85,717	83,794	1,923
Road, street, etc., *building and repairing*	4,435	4,331	104	8,565	8,524	41
Steam railroad	28,621	27,916	705	42,619	42,011	608
Street railroad	9,259	9,088	171	13,375	13,242	133
Other transp. and communication	5,809	5,299	510	21,158	20,017	1,141
Trade	4,257,884	3,585,701	671,983	6,081,467	5,118,787	962,680
Advertising agents	(31)	(31)	(31)	49,020	43,384	5,636
Apprentices, wholesale and retail trade	(28)	(28)	(28)	2,444	2,337	107
Bankers, brokers, and money lenders	161,613	156,309	5,304	221,504	212,312	9,192
Bankers and bank officials	82,375	78,149	4,226	93,350	87,429	5,927
Commercial brokers and commission men	27,552	27,358	194	23,638	23,352	286
Loan brokers and pawnbrokers	5,473	5,321	152	13,562	12,930	632
Stock brokers	29,609	29,233	376	70,950	69,157	1,793
Brokers not specified and promoters	16,604	16,248	356	19,998	19,444	554
"Clerks" in stores [32]	413,918	243,521	170,397	401,991	238,844	163,147
Commercial travelers	179,320	176,514	2,806	223,732	219,790	3,942
Decorators, drapers, and window dressers	8,863	7,698	1,165	20,149	13,911	6,238
Deliverymen, bakeries and stores [33]	[34] 170,235	[34] 170,039	[34] 196	159,444	159,328	116
Floorwalkers and *foremen* in stores	20,604	16,565	4,039	32,564	27,928	4,636
Foremen, warehouses, stockyards, etc	5,833	5,802	31	5,599	5,440	159

[6] Not otherwise specified. [20] Selected occupations. [21] Not classified separately in 1920.

[26] Postmasters were classified in "Public service" in 1920.

[27] Radio and wireless operators were included with telegraph operators in 1920. [33] See Note 4, p. 56.

[29] Aviators, designated "Aeronauts" and classified in "Other professional pursuits" in 1920, were transferred to "Transportation and communication" in 1930.

[30] Foremen in garages, greasing stations, etc., included in "Other transportation and communication."

[31] Classified in 1920 in the group "Agents" in "Clerical occupations."

[32] Group more strictly confined in 1930 than in 1920 to persons specifically returned as "Clerks in stores."

[33] Some deliverymen probably returned and classified as chauffeurs, others as teamsters or truck drivers.

[34] Includes deliverymen for *laundries classified in "Domestic and personal service"* in 1930.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Trade—Continued.						
Inspectors, gagers, and samplers	13,714	12,683	1,031	16,743	10,923	5,820
Insurance agents, managers, and officials	134,978	129,589	5,389	286,235	271,530	14,705
Insurance agents	119,918	114,835	5,083	256,927	243,974	12,953
Managers and officials, insurance cos	15,060	14,754	306	29,308	27,556	1,752
Laborers in coal and lumber yards, etc	125,609	124,713	896	113,669	113,027	642
Coal yards and lumber yards	68,543	68,454	89	73,232	73,211	21
Grain elevators	11,312	11,244	68	9,212	9,141	71
Stockyards	22,888	22,859	29	8,735	8,733	2
Warehouses	22,866	22,156	710	18,699	18,205	494
Other and not specified trade	(21)	(21)	(21)	3,791	3,737	54
Laborers, porters, and helpers in stores	125,007	116,602	8,405	208,688	199,296	9,392
Newsboys	27,961	27,635	326	38,993	38,576	417
Proprietors, managers, and officials (n. o. s.[6])	34,776	33,715	1,061	45,305	42,201	3,104
Employment office keepers	3,026	2,357	669	3,765	2,425	1,340
Proprietors, etc., advertising agencies	(35)	(35)	(35)	10,539	9,771	768
Proprietors, etc., grain elevators	8,853	8,836	22	9,505	9,484	21
Proprietors, etc., warehouses	6,353	6,310	43	7,389	7,327	62
Other proprietors, managers, and officials	16,539	16,212	327	14,107	13,194	913
Real estate agents and officials	149,135	139,927	9,208	240,030	208,243	31,787
Managers and officials, real estate cos	(21)	(21)	(21)	5,603	5,124	479
Real estate agents	(21)	(21)	(21)	234,427	203,119	31,308
Retail dealers [36]	1,328,275	1,249,295	78,980	1,703,522	1,593,356	110,166
Automobiles and accessories	28,768	28,626	142	61,507	60,991	516
Books, music, news, and stationery	25,369	23,028	2,341	36,503	32,909	3,594
Buyers and shippers of livestock and other farm products	48,309	48,228	81	41,784	41,684	100
Candy and confectionery	40,091	32,368	7,723	62,210	51,766	10,444
Cigars and tobacco	19,141	18,031	1,110	19,952	19,044	908
Coal and wood	26,556	26,057	499	29,876	29,225	651
Department stores	11,752	10,800	952	19,361	17,751	1,610
Dry goods, clothing, and boots and shoes	133,106	121,379	11,727	148,837	129,486	19,351
Drugs and medicines [37]	80,157	76,995	3,162	104,727	100,123	4,604
Five and ten cent and variety stores	5,968	4,899	1,069	10,464	9,035	1,429
Flour and feed	9,309	9,212	97	9,887	9,781	106
Food (except groceries and hucksters' goods)	202,444	196,838	5,606	239,436	233,166	6,270
Furniture, carpets, and rugs	27,145	26,453	692	35,884	34,019	1,865
Gasoline and oil filling stations	(35)	(35)	(35)	89,190	87,095	2,095
General stores	80,026	76,317	3,709	81,187	76,011	5,176
Groceries	239,236	216,059	23,177	313,086	284,011	29,075
Hardware, implements, and wagons	48,933	48,213	720	52,138	51,216	922
Hucksters and peddlers	50,402	48,493	1,909	56,610	54,820	1,790
Ice	8,203	8,166	37	19,648	19,572	76
Jewelry	21,433	20,652	781	23,864	22,976	888
Junk and rags	24,773	24,581	192	27,478	27,166	312
Lumber	27,687	27,589	98	34,070	33,903	167
Opticians	12,632	11,743	889	14,385	13,769	616
Other specified dealers	[38] 91,107	[38] 85,085	[38] 6,022	113,061	101,377	11,684
Not specified dealers	65,728	59,483	6,245	58,377	52,460	5,917
Salesmen and saleswomen	1,192,199	826,866	365,333	2,069,003	1,508,283	560,720
Auctioneers	5,048	5,045	3	4,281	4,277	4
Canvassers [39]	14,705	10,514	4,191	63,769	51,956	11,813
Demonstrators	4,823	1,639	3,184	7,533	1,793	5,740
Sales agents	41,841	40,207	1,634	5,088	4,571	517
Salesmen and saleswomen	1,125,782	769,461	356,321	1,988,332	1,445,686	542,646
Undertakers	24,499	23,342	1,127	34,132	32,192	1,940
Wholesale dealers, importers, and exporters	73,574	72,780	794	83,525	81,837	1,688
Other pursuits in trade	67,611	52,106	15,505	125,175	96,069	29,106
Advertising agencies	(40)	(40)	(40)	5,853	5,453	400
Grain elevators	(40)	(40)	(40)	1,611	1,202	409
Warehouses and cold storage plants	(40)	(40)	(40)	5,248	3,520	1,728
Wholesale trade, and retail trade (except automobile):						
Fruit and vegetable graders and packers	8,074	4,988	3,086	9,926	3,784	6,142
Meat cutters	22,884	22,804	80	45,108	45,025	83
Other occupations	36,653	24,314	12,339	52,367	32,870	19,497
Other trade industries				5,062	4,215	847
Public service (not elsewhere classified)	738,525	727,939	10,586	856,205	838,622	17,583
Firemen, fire department	50,771	50,771		73,008	73,008	
Guards, watchmen, and doorkeepers	115,553	115,154	399	148,115	147,115	1,000
Laborers, public service	106,915	105,385	1,530	157,010	155,903	1,107

[6] Not otherwise specified. [21] Not classified separately in 1920. [35] Included in "Other proprietors."
[36] Includes managers and superintendents of retail stores. [37] Including druggists and pharmacists.
[38] "Retail dealers, gasoline and oil filling stations" included in "Other specified retail dealers" in 1920.
[39] Canvassers, classified in "Clerical occupations" in 1920, were transferred to "Trade" in 1930.
[40] Included in the group "Other occupations" in 1920.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Public Service—Continued.						
Marshals, sheriffs, detectives, etc.	32,214	30,968	1,246	41,823	39,247	2,576
Detectives	11,955	11,562	393	12,865	12,180	685
Marshals and constables	6,897	6,880	17	9,350	9,288	62
Probation and truant officers	2,679	1,899	780	4,270	2,715	1,555
Sheriffs	10,683	10,627	56	15,338	15,064	274
Officials and inspectors (city)	33,505	31,918	1,587	48,309	45,200	3,109
Officials and inspectors (county)	22,092	18,830	3,262	30,080	24,231	5,855
Officials and inspectors (State)	9,126	8,596	530	15,236	14,256	980
Officials and inspectors (United States) [41]	39,273	38,621	652	36,464	35,625	839
Policemen	82,120	81,884	236	131,687	130,838	849
Soldiers, sailors, and marines [42]	225,503	225,503		132,830	132,830	
Other public service pursuits	21,453	20,309	1,144	41,637	40,369	1,268
Professional service	3,171,251	1,154,221	1,017,030	3,253,884	1,727,650	1,526,234
Actors	28,361	15,124	13,237	37,993	18,703	19,290
Showmen	10,811	18,694	1,117	37,303	35,808	1,495
Architects	18,185	18,048	137	22,000	21,621	379
Artists, sculptors, and teachers of art	35,402	20,785	14,617	57,265	35,621	21,644
Authors	6,668	3,662	3,006	12,449	7,002	5,447
Editors and reporters	34,197	28,467	5,730	51,844	39,920	11,924
Chemists, assayers, and metallurgists	32,041	31,227	1,714	47,063	45,163	1,905
Clergymen	127,270	125,483	1,787	148,848	145,572	3,276
College presidents and professors [43]	33,407	23,332	10,075	61,905	41,774	20,131
Dentists	56,152	54,323	1,829	71,055	69,768	1,287
Designers	15,410	9,758	5,652	20,508	12,780	7,728
Draftsmen	52,865	50,880	1,985	79,922	78,459	1,463
Inventors	2,376	2,349	27	2,300	2,279	21
Lawyers, judges, and justices	122,519	120,781	1,738	160,605	157,220	3,385
Musicians and teachers of music	130,265	57,587	72,678	165,128	85,517	79,611
Osteopaths	5,020	3,367	1,653	6,117	4,554	1,563
Photographers	34,259	27,140	7,119	39,529	31,163	8,366
Physicians and surgeons	144,077	137,758	7,219	153,803	146,978	6,825
Teachers (athletics, dancing, etc.)	9,711	5,677	4,034	18,599	12,288	6,311
Teachers (school)	752,055	116,848	635,207	1,044,016	190,049	853,967
Technical engineers	136,121	136,080	41	226,249	226,136	113
Civil engineers and surveyors	64,660	64,642	18	102,086	102,057	29
Electrical engineers	27,077	27,065	12	57,837	57,775	62
Mechanical engineers [44]	37,089	37,078	11	54,356	54,338	18
Mining engineers [45]	6,695	6,695		11,970	11,966	4
Trained nurses	149,128	5,464	143,664	294,189	5,452	288,737
Veterinary surgeons	13,494	13,493	1	11,863	11,852	11
Other professional pursuits [46]	(47)	(47)	(47)	114,393	43,847	70,546
County agents, farm demonstrators, etc.	(47)	(47)	(47)	5,597	4,500	1,097
Librarians	15,297	1,795	13,502	29,613	2,557	27,056
Social and welfare workers	(48)	(48)	(48)	31,241	6,649	24,592
Other occupations	18,409	12,646	5,763	47,942	30,141	17,801
Semiprofessional and recreational pursuits	(7)	(7)	(7)	198,549	143,365	55,184
Abstracters, notaries, and justices of peace	10,071	8,588	1,483	11,756	9,848	1,908
Architects', designers', and draftsmen's apprentices [28]	3,777	3,479	298	2,656	2,436	220
Apprentices to other professional persons	(28)	(28)	(28)	3,935	3,861	74
Billiard room, dance hall, skating rink, etc., keepers [49]	24,897	24,655	242	29,129	28,819	310
Chiropractors	(50)	(50)	(50)	11,916	9,203	2,713
Directors, managers, and officials, motion picture production	(51)	(51)	(51)	1,923	1,888	35
Healers (not elsewhere classified)	[50] 14,774	[50] 6,872	[50] 7,902	17,640	7,866	9,774
Keepers of charitable and penal institutions	12,884	7,953	4,931	15,020	9,468	5,552
Keepers of pleasure resorts, race tracks, etc.	3,360	3,163	197	10,718	9,741	977
Officials of lodges, societies, etc.	11,736	9,574	2,162	14,515	11,513	3,002
Radio announcers, directors, managers, and officials	(52)	(52)	(52)	1,819	1,639	180
Religious workers	[48] 41,078	[48] 14,151	[48] 26,927	31,290	11,339	19,951
Theatrical owners, managers, and officials	[51] 18,395	[51] 17,138	[51] 1,257	19,723	18,691	1,032

[7] Comparable figures for 1920 not available.
[28] See note 4, p. 56.
[41] In 1920 this group included "Postmasters," classified in "Transportation and communication" in 1930.
[42] Includes only those resident in continental United States at date of enumeration.
[43] Probably includes some teachers in schools below collegiate rank.
[44] Includes, also, all technical engineers not elsewhere classified.
[45] Includes, also, chemical and metallurgical engineers. [46] See note 29, p. 61.
[47] "County agents, farm demonstrators etc.," included with "Agents" in "Clerical occupations."
[48] "Social and welfare workers" included with "Religious workers" in "Semiprofessional pursuits."
[49] Classified in "Domestic and personal service" in 1920, transferred to "Professional service" in 1930.
[50] Chiropractors were included in "Healers (except osteopaths and physicians and surgeons)" in 1920.
[51] "Directors, managers, and officials, motion picture production" were included in the group "Theatrical owners, managers, and officials" in 1920. [52] Not shown prior to 1930.

No. 49.—Gainful Workers 10 Years Old and Over: By Occupation and Sex, Continental United States—Continued

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Professional service—Continued.						
Semiprofessional, etc., pursuits—Contd.						
Technicians and laboratory assistants	(53)	(53)	(53)	15,988	8,288	7,700
Other occupations	4,257	3,187	1,070	10,521	8,765	1,756
Attendants and helpers	(7)	(7)	(7)	170,384	114,759	55,625
Attendants, pool rooms, bowling alleys, golf clubs, etc.	(54)	(54)	(54)	16,168	16,047	121
Dentists' assistants and attendants	6,708	1,768	4,940	13,715	770	12,945
Helpers, motion-picture production	(55)	(55)	(55)	2,213	1,234	979
Laborers, professional service	(56)	(56)	(56)	25,383	23,762	1,621
Laborers, recreation and amusement	(56)	(56)	(56)	29,893	29,458	435
Physicians' and surgeons' attendants	7,051	641	6,410	14,042	689	13,353
Stage hands and circus helpers	5,803	5,377	426	4,274	4,099	175
Theater ushers	5,221	2,868	2,353	12,461	9,308	3,153
Other attendants and helpers	6,929	4,039	2,890	52,235	29,392	22,843
Domestic and personal service	3,879,995	1,193,313	2,186,682	4,952,451	1,772,200	3,180,251
Barbers, hairdressers, and manicurists	216,211	182,965	33,246	374,290	261,096	113,194
Boarding and lodging house keepers	133,302	18,652	114,740	144,371	17,093	127,278
Bootblacks	15,175	15,142	33	18,784	18,747	37
Charwomen and cleaners	36,803	11,848	24,955	61,932	20,943	40,989
Cleaning, dyeing, and pressing shop workers	21,667	17,094	4,573	88,118	66,515	21,603
Owners, managers, and officials	(21)	(21)	(21)	22,116	19,822	2,294
Foremen and overseers	(21)	(21)	(21)	819	470	349
Laborers	(21)	(21)	(21)	4,549	3,910	639
Other operatives	(21)	(21)	(21)	60,634	42,313	18,321
Elevator tenders	40,713	33,376	7,337	67,614	55,255	12,359
Hotel keepers and managers	55,583	41,449	14,134	56,848	39,538	17,310
Housekeepers and stewards	221,612	17,262	204,350	256,746	20,383	236,363
Janitors and sextons	178,628	149,590	29,038	309,625	273,805	35,820
Laborers, domestic and personal service	[58] 32,893	[58] 31,224	[58] 1,669	71,687	67,337	4,350
Launderers and laundresses (not in laundry)	396,756	10,882	385,874	361,033	4,565	356,468
Laundry owners, managers, and officials [57]	13,692	12,239	1,453	24,545	22,482	2,063
Laundry operatives [57]	120,715	39,968	80,747	240,704	80,229	160,475
Deliverymen [58]	(58)	(58)	(58)	20,573	20,558	15
Foremen and overseers	3,611	2,076	1,535	6,337	3,583	2,754
Laborers	13,107	6,570	6,537	19,293	11,001	8,292
Other operatives	103,997	31,322	72,675	194,501	45,087	149,414
Midwives	4,773		4,773	3,566		3,566
Nurses (not trained)	151,996	19,338	132,658	153,443	13,867	139,576
Porters (except in stores)	88,168	87,683	485	127,488	127,436	52
Domestic and personal service	43,208	42,929	279	57,612	57,599	13
Professional service				7,766	7,750	16
Steam railroad	22,515	22,486	27	27,648	27,647	1
Other porters (except in stores)	22,447	22,268	179	34,462	34,440	22
Restaurant, café, and lunch-room keepers	87,987	72,343	15,644	185,406	125,398	40,008
Servants:						
Cooks	398,475	129,857	268,618	565,392	194,297	371,095
Other servants	[60] 872,471	[60] 128,956	[60] 743,515	1,433,741	169,877	1,263,864
Waiters	228,985	112,064	116,921	393,288	161,315	231,973
Other pursuits	63,300	61,381	1,919	33,830	32,022	1,808
Cemetery keepers	5,540	5,496	44	9,762	9,705	57
Hunters, trappers, and guides	7,332	7,288	44	6,219	6,132	87
Other occupations	50,428	48,597	1,831	17,849	16,185	1,664
Clerical occupations [61]	3,111,836	1,689,911	1,421,925	4,025,324	2,038,494	1,986,830
Agents, collectors, and credit men	[62] 161,067	[62] 149,427	[62] 11,640	196,107	182,630	13,477
Bookkeepers, cashiers, and accountants	734,688	375,564	359,124	930,648	447,937	482,711
Accountants and auditors	118,451	105,073	13,378	191,571	174,557	17,014
Bookkeepers and cashiers	616,237	270,491	345,746	739,077	273,380	465,697
Clerks (except "clerks" in stores)	1,487,905	1,015,742	472,163	1,997,000	1,290,447	706,553
Messenger, errand, and office boys and girls [63]	113,022	98,768	14,254	90,379	81,430	8,949
Stenographers and typists	615,154	50,410	564,744	811,190	36,050	775,140

[7] Comparable figures for 1920 not available.

[21] Not classified separately in 1920.

[53] Largely distributed among three groups—"Semiskilled operatives, other chemical factories"; "Other occupations" under "Semiprofessional pursuits" and "Other clerks" under "Clerical occupations."

[54] Included in 1920 in "Other servants" in "Domestic and personal service."

[55] Included in "Operatives, other and not specified manufacturing industries," p. 58.

[56] "Laborers, professional service"; "Laborers, recreation and amusement"; and "Laborers, domestic and personal service" comprised the 1920 group "Laborers, domestic and professional service."

[57] Some owners of hand laundries probably are included with laundry operatives.

[58] Some deliverymen probably returned as chauffeurs.

[59] Included with "Deliverymen" in "Trade."

[60] "Attendants, pool rooms, bowling alleys, golf clubs, etc.," classified in "Professional service" in 1930, formed a part of the 1920 group "Bell boys, chore boys, etc.," which was a subgroup of the group "Servants."

[61] See note 39, p. 62, and note 62 below.

[62] "Advertising agents" classified in "Trade" in 1920 and "County agents, farm demonstrators, etc.," classified in "Professional service" in 1930, included with "Agents" in "Clerical occupations" in 1920. Canvassers, classified in "Clerical occupations" in 1920, were transferred to "Trade" in 1930.

[63] Except telegraph messengers.

Source: Bureau of the Census, Department of Commerce.

No. 50.—PERSONS 10 YEARS OF AGE AND OVER GAINFULLY OCCUPIED: BY STATES

NOTE.—The percentages represent the proportion which persons occupied form of the total population of the given sex 10 years of age and over

Division and State	Males				Females			
	Number		Per cent		Number		Per cent	
	1920	1930	1920	1930	1920	1930	1920	1930
Continental United States	33,064,737	38,077,804	78.2	76.2	8,549,511	10,752,118	21.1	22.0
New England	2,363,377	2,499,486	80.4	75.8	371,015	941,631	29.0	27.5
Maine	245,013	240,110	77.9	74.4	64,545	68,493	21.1	21.4
New Hampshire	143,525	142,710	79.2	75.2	49,302	49,956	27.3	25.9
Vermont	111,585	112,806	77.2	75.9	26,899	28,307	19.2	19.9
Massachusetts	1,225,163	1,285,316	80.9	75.8	503,155	528,999	31.6	29.2
Rhode Island	194,438	200,343	82.0	77.2	80,562	87,829	32.7	30.4
Connecticut	443,653	499,201	81.0	76.0	146,252	178,007	27.1	26.8
Middle Atlantic	7,122,899	8,332,037	80.1	76.9	2,117,517	2,635,509	24.1	24.5
New York	3,367,999	4,108,232	80.4	78.1	1,135,205	1,415,105	26.9	26.9
New Jersey	1,014,663	1,295,504	80.8	77.6	295,990	410,512	23.9	25.1
Pennsylvania	2,740,127	2,918,211	79.5	75.1	686,232	803,892	20.7	20.9
East North Central	6,951,808	8,042,907	78.7	76.2	1,504,041	2,005,414	18.9	20.4
Ohio	1,891,546	2,070,158	79.4	75.6	499,979	539,606	18.3	20.1
Indiana	931,647	1,015,761	77.7	76.1	185,385	235,304	16.0	18.1
Illinois	2,086,800	2,469,216	78.8	76.8	540,938	715,468	21.3	22.9
Michigan	1,228,631	1,567,525	80.0	77.0	245,383	359,822	18.1	19.4
Wisconsin	813,184	914,247	75.8	74.6	182,365	215,214	18.3	18.7
West North Central	3,815,681	4,106,672	74.6	74.7	772,315	946,165	16.2	18.0
Minnesota	742,947	791,833	75.3	74.1	164,066	200,965	18.4	19.9
Iowa	717,377	749,313	73.2	73.5	141,321	163,522	15.2	16.5
Missouri	1,072,545	1,158,734	77.4	77.5	244,615	299,234	18.1	20.1
North Dakota	173,754	204,000	70.9	72.4	23,328	36,213	13.0	14.8
South Dakota	186,885	210,343	72.2	73.1	29,686	37,310	13.3	14.6
Nebraska	385,202	417,287	72.9	73.5	71,780	89,721	14.8	16.7
Kansas	531,881	575,072	73.8	74.0	92,510	119,200	13.7	16.1
South Atlantic	4,099,041	4,581,790	77.5	75.7	1,243,953	1,473,514	23.8	24.1
Delaware	73,122	77,221	79.7	77.1	18,102	20,883	20.8	21.6
Maryland	466,257	515,187	80.0	77.4	137,221	157,692	23.8	23.9
Dist. of Columbia	143,401	165,028	82.6	78.4	92,626	88,825	45.5	40.1
Virginia	677,366	697,944	76.4	74.4	156,210	182,267	18.1	19.6
West Virginia	433,677	488,254	76.0	72.5	57,439	82,198	11.2	13.1
North Carolina	693,155	868,006	75.5	74.7	202,697	272,965	21.9	22.9
South Carolina	468,601	480,976	77.6	76.4	205,656	206,761	33.4	31.2
Georgia	840,412	860,219	78.6	77.4	288,745	311,939	26.7	27.4
Florida	300,050	448,055	77.7	76.1	85,262	149,984	23.3	25.7
East South Central	2,608,411	2,908,937	77.9	77.2	702,433	827,744	21.1	21.8
Kentucky	716,629	760,417	77.1	75.1	131,493	146,678	14.5	14.8
Tennessee	677,988	763,062	76.5	75.8	152,108	195,324	17.2	19.1
Alabama	684,348	772,281	79.5	78.1	223,868	254,014	25.8	25.1
Mississippi	526,446	613,177	78.7	80.6	194,964	231,728	29.1	30.3
West South Central	3,049,275	3,656,565	76.2	76.2	666,973	861,667	17.3	18.3
Arkansas	518,754	543,652	77.7	76.2	115,810	119,193	18.2	17.0
Louisiana	528,507	624,196	77.2	77.4	152,726	191,420	22.4	23.5
Oklahoma	686,834	898,558	73.6	73.2	94,594	129,346	13.2	14.5
Texas	1,415,180	1,785,059	76.6	77.0	303,843	421,708	17.8	18.9
Mountain	1,077,774	1,159,563	77.1	74.9	177,220	235,250	15.2	17.3
Montana	185,905	184,205	78.9	76.6	28,278	32,274	15.2	16.7
Idaho	135,950	139,946	75.5	74.2	17,509	22,286	12.0	13.9
Wyoming	72,134	79,709	81.7	78.8	9,402	12,739	15.0	16.4
Colorado	303,870	321,874	76.8	74.9	62,587	80,993	17.8	20.0
New Mexico	107,090	120,506	74.5	73.3	14,941	22,101	12.1	14.7
Arizona	112,193	135,325	78.1	75.0	18,386	29,971	16.4	19.4
Utah	127,418	141,016	74.0	71.2	21,783	28,984	13.7	15.4
Nevada	33,214	36,982	84.3	81.2	4,334	5,902	17.7	19.3
Pacific	1,979,671	2,809,847	79.3	77.6	434,039	765,172	20.4	23.2
Washington	485,767	538,054	80.3	77.0	92,900	126,676	18.7	20.6
Oregon	267,791	328,503	78.1	77.6	54,492	81,142	18.4	21.3
California	1,226,113	1,943,290	80.0	77.7	286,647	557,354	21.4	24.2

Source: Bureau of the Census, Department of Commerce.

No 51.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER BY GEN

Note.—For total number of males and

Division and State	Male								
	Agriculture	Forestry and fishing	Extraction of minerals	Manufacturing and mechanical industries	Transportation and communication	Trade	Public service (not elsewhere classified)	Professional service	Domestic and personal service
Continental United States	9,562,059	250,140	993,564	12,224,345	3,561,943	5,118,787	338,622	1,727,650	1,772,200
New England	206,338	23,037	6,601	1,175,759	232,075	368,617	75,897	124,777	125,705
Maine	40,973	9,103	1,434	95,266	24,372	27,923	6,257	8,971	8,853
New Hampshire	21,493	2,176	519	69,375	13,422	16,371	3,006	5,760	6,040
Vermont	37,234	749	2,350	37,105	10,438	11,500	2,790	3,898	3,416
Massachusetts	53,720	7,037	1,435	608,316	126,171	210,499	42,528	72,660	72,361
Rhode Island	8,607	1,065	237	111,631	17,722	30,879	7,394	9,139	10,645
Connecticut	35,311	1,227	626	254,066	39,950	71,445	13,922	24,299	24,390
Middle Atlantic	566,058	13,474	311,790	3,353,133	899,336	1,328,792	218,847	459,079	497,316
New York	260,233	5,196	9,119	1,568,416	458,713	742,401	115,927	252,223	314,451
New Jersey	61,975	2,845	3,633	580,945	139,348	208,593	37,576	75,135	68,866
Pennsylvania	243,850	5,433	299,038	1,203,772	301,275	377,798	65,344	131,721	113,999
East North Central	1,413,202	25,682	144,609	3,237,041	784,512	1,109,246	155,074	374,889	352,559
Ohio	303,582	2,213	39,374	889,451	214,320	285,560	38,131	100,568	86,357
Indiana	243,947	1,291	21,095	383,615	97,800	126,616	16,979	44,276	37,955
Illinois	343,746	2,387	60,526	910,372	255,602	392,334	51,342	126,233	137,164
Michigan	241,066	12,531	20,380	730,149	124,374	196,085	34,864	66,315	62,281
Wisconsin	280,861	7,240	3,234	323,454	72,416	108,651	13,758	37,497	28,802
West North Central	1,852,311	11,144	53,120	896,148	385,735	548,327	66,270	169,337	155,259
Minnesota	294,294	6,040	10,735	185,558	72,685	106,140	13,501	33,788	30,103
Iowa	324,072	772	8,062	158,321	71,415	99,154	11,002	29,561	23,649
Missouri	358,243	3,751	16,318	308,142	112,360	168,290	19,546	50,457	55,605
North Dakota	130,818	35	1,088	20,751	13,782	19,373	1,855	6,854	4,737
South Dakota	127,584	217	1,496	25,935	14,170	21,490	2,723	7,780	4,940
Nebraska	193,334	155	570	75,154	38,499	57,011	6,053	17,433	14,584
Kansas	223,966	174	14,251	122,287	62,815	74,869	11,589	23,464	21,641
South Atlantic	1,678,088	53,350	140,392	1,215,490	375,928	486,244	116,136	186,993	180,178
Delaware	16,737	354	61	29,529	8,590	8,916	2,311	3,468	3,147
Maryland	81,405	6,053	5,023	188,682	57,569	73,341	19,601	25,218	24,610
District of Columbia	1,058	58	34	41,866	16,174	26,612	13,165	16,645	16,746
Virginia	252,539	11,349	16,003	179,333	67,483	71,198	25,431	23,440	25,181
West Virginia	112,767	5,208	109,900	122,064	44,762	41,709	5,318	18,560	13,390
North Carolina	429,303	8,990	2,739	221,930	48,019	76,607	11,520	23,285	27,672
South Carolina	256,039	3,345	927	114,925	28,285	37,506	7,913	11,321	12,539
Georgia	412,311	5,164	3,414	189,226	59,265	83,229	18,667	23,633	29,763
Florida	115,929	12,825	2,241	127,435	45,781	67,126	12,210	21,423	27,130
East South Central	1,492,053	19,677	108,262	551,071	211,844	252,098	33,693	80,129	87,783
Kentucky	342,589	2,170	61,756	141,932	61,650	69,651	10,244	24,339	23,167
Tennessee	346,276	4,409	14,594	169,572	62,816	79,554	9,802	23,747	28,968
Alabama	388,316	5,460	31,403	163,731	52,698	63,528	8,762	19,153	21,530
Mississippi	414,872	7,638	509	75,836	34,686	39,365	4,885	12,890	14,118
West South Central	1,640,003	28,919	90,424	707,255	303,355	418,400	67,009	126,363	148,155
Arkansas	336,356	6,975	7,391	77,126	34,400	43,800	4,633	14,774	13,526
Louisiana	248,649	13,350	7,072	140,086	64,846	67,191	11,210	18,340	27,066
Oklahoma	293,279	2,207	41,273	133,925	51,457	85,852	12,158	23,391	27,344
Texas	761,719	6,387	34,688	356,118	152,652	221,557	39,008	64,858	80,219
Mountain	415,486	12,455	80,794	238,104	116,122	131,691	24,604	53,034	46,705
Montana	77,409	2,616	14,949	32,398	18,119	17,236	3,016	6,588	6,082
Idaho	64,112	5,470	5,577	25,419	10,751	13,774	1,620	5,590	4,149
Wyoming	29,781	814	6,312	14,792	9,353	6,542	3,911	2,978	2,906
Colorado	101,990	1,249	17,483	70,761	32,193	45,533	6,438	16,646	14,842
New Mexico	56,689	1,142	7,002	20,158	12,638	10,059	1,296	4,742	4,242
Arizona	36,511	809	13,973	30,491	13,274	16,771	4,794	7,044	6,469
Utah	40,284	235	10,506	34,268	14,114	18,146	2,945	7,575	5,684
Nevada	8,710	120	4,992	7,817	5,680	3,630	584	1,871	2,331
Pacific	496,520	63,452	47,572	852,344	373,038	477,372	81,092	173,049	178,540
Washington	99,374	31,894	5,710	176,909	55,326	75,928	15,715	25,581	25,329
Oregon	78,769	18,625	2,165	98,865	34,030	45,261	6,058	15,879	14,451
California	320,377	12,933	39,697	576,570	182,680	356,183	59,319	131,589	138,760

Source: Bureau of the Census, Department of Commerce.

ERAL DIVISIONS OF OCCUPATIONS, BY SEX AND BY STATES, 1930

females gainfully employed, see Table 50

Male—Contd.	Female										
Clerical occupations	Agriculture	Forestry and fishing	Extraction of minerals	Manufacturing and mechanical industries	Transportation and communication	Trade	Public service (not elsewhere classified)	Professional service	Domestic and personal service	Clerical occupations	Division and State
2,038,494	909,939	329	759	1,886,307	281,204	962,680	17,583	1,526,234	3,180,251	1,986,830	U. S.
151,710	6,281	20	-------	303,199	20,981	70,339	1,074	127,491	217,812	194,434	N. E.
7,958	1,489	10	-------	18,719	1,803	5,522	111	11,217	20,271	9,351	Me.
4,548	574	-------	-------	19,928	991	3,144	44	6,976	12,164	6,135	N. H.
3,326	880	-------	-------	4,345	872	2,210	73	5,283	10,471	4,263	Vt.
89,939	1,923	4	-------	164,977	12,296	40,560	594	70,959	119,806	117,880	Mass.
11,974	226	3	-------	39,831	1,350	5,923	67	8,884	16,581	14,964	R. I.
33,965	1,189	3	-------	55,399	3,669	12,980	185	24,172	38,519	41,891	Conn.
674,212	16,301	12	228	819,546	80,255	231,748	3,293	353,868	609,807	630,451	M. A.
381,553	7,140	6	110	297,958	48,318	117,722	1,800	193,848	376,596	371,607	N. Y.
116,878	2,086	2	5	108,770	12,090	32,245	461	51,816	104,698	104,339	N. J.
176,981	7,075	4	113	212,818	19,847	81,781	1,032	108,204	218,513	154,505	Pa.
466,113	37,948	16	193	373,534	65,207	225,294	3,696	303,286	564,776	471,376	E. N. C.
116,602	8,064	-------	44	101,791	15,688	60,397	1,045	78,533	157,898	115,646	Ohio.
42,187	5,937	2	8	49,480	5,998	25,881	575	34,770	66,647	46,006	Ind.
189,510	8,231	2	10	125,324	26,517	75,342	1,038	96,681	192,311	190,012	Ill.
79,480	6,586	10	130	55,882	10,599	40,306	682	57,471	109,839	78,317	Mich.
38,334	9,128	2	1	41,057	6,495	22,868	356	35,831	58,081	41,395	Wis.
171,021	44,761	20	52	106,748	30,577	102,437	2,372	191,517	293,666	174,016	W. N. C.
38,989	9,295	15	1	20,581	5,930	21,271	358	40,471	61,955	41,088	Minn.
22,705	6,809	-------	2	14,828	5,600	16,348	450	39,171	49,403	28,411	Iowa.
60,022	12,635	5	12	53,085	8,872	30,563	534	40,876	91,853	60,799	Mo.
4,796	3,575	-------	-------	1,244	1,140	2,938	138	10,711	12,760	3,707	N. D.
3,990	3,158	-------	2	1,747	1,099	4,060	181	10,950	11,725	4,368	S. D.
14,494	3,865	-------	-------	5,835	3,281	10,204	238	22,231	28,151	15,826	Nebr.
20,016	5,424	-------	35	9,428	4,655	14,443	473	27,107	37,818	19,817	Kans.
168,991	289,344	87	54	248,057	21,282	83,713	2,013	169,760	519,036	150,168	S. A.
4,108	579	-------	-------	4,075	427	1,809	28	2,602	7,147	4,216	Del.
33,685	2,077	6	-------	34,730	3,499	14,111	257	18,745	56,277	27,390	Md.
22,022	23	-------	-------	4,792	2,417	6,044	653	10,524	33,736	30,636	D. C.
25,487	18,157	9	3	33,022	3,139	11,384	235	25,227	70,050	21,041	Va.
14,576	5,433	-------	23	11,634	2,137	8,558	119	16,304	27,733	10,257	W. Va.
17,935	70,654	35	1	68,789	2,545	10,869	168	28,708	75,779	15,417	N. C.
8,176	88,590	7	-------	32,665	1,243	5,379	58	15,569	56,936	6,314	S. C.
25,547	85,630	8	15	43,834	3,728	13,102	245	25,791	118,760	20,826	Ga.
16,855	17,601	22	12	14,516	2,147	12,457	250	16,290	72,618	14,071	Fla.
72,327	293,133	38	29	81,561	11,975	42,683	793	78,749	256,878	61,905	E. S. C.
22,919	15,917	2	11	20,941	4,176	13,373	306	20,464	51,132	20,356	Ky.
23,330	30,576	13	4	32,042	3,494	12,316	195	22,710	73,022	20,952	Tenn.
17,700	104,445	16	12	21,950	2,465	10,040	146	20,504	80,815	13,621	Ala.
8,378	142,195	7	2	6,628	1,840	6,954	146	15,071	51,909	6,976	Miss.
126,682	188,317	31	105	54,824	20,479	72,015	1,504	116,570	311,275	95,997	W. S. C.
9,671	48,025	24	1	4,834	2,045	7,351	172	13,135	35,955	7,651	Ark.
26,386	48,152	38	63	14,803	3,215	12,495	146	18,195	77,946	16,367	La.
22,772	12,812	4	13	5,998	4,630	14,392	361	24,696	46,126	20,314	Okla.
67,853	79,328	15	28	29,189	10,589	37,777	825	60,544	151,248	51,665	Tex.
42,568	13,896	10	40	19,041	7,441	26,219	952	51,721	77,834	38,096	Mt.
5,792	2,109	2	3	1,220	960	3,499	146	8,368	11,201	4,766	Mont.
3,484	1,416	3	-------	1,233	772	2,867	114	5,827	6,883	3,171	Idaho.
2,320	1,014	-------	1	363	435	1,184	70	3,470	4,465	1,737	Wyo.
14,739	4,078	1	5	5,973	2,681	9,224	260	16,846	26,408	15,517	Colo.
2,538	2,211	4	6	3,164	514	1,733	73	4,383	8,004	2,009	N. M.
5,189	1,912	-------	9	4,213	598	3,038	146	5,572	10,405	4,078	Ariz.
7,259	903	-------	8	2,701	1,294	3,978	105	5,977	8,123	5,835	Utah.
1,247	193	-------	8	174	187	696	38	1,278	2,345	983	Nev.
164,870	19,460	45	58	79,797	23,917	108,232	1,886	143,272	219,168	170,337	Pac.
25,288	4,703	27	10	11,502	3,908	17,608	281	23,407	39,151	26,079	Wash.
14,400	3,110	7	2	8,301	2,461	10,188	183	16,068	24,702	16,120	Oreg.
125,182	11,647	11	46	59,994	16,548	80,436	1,422	103,797	155,315	128,138	Calif.

No. 52.—RELIGIOUS BODIES: CHURCHES AND MEMBERS, BY DENOMINATIONS

NOTE.—The 1916 figures here presented have been adjusted for organic changes occurring in some of the denominations and also for differences in method of reporting members. The data for Jews are not comparable for the two censuses. See also headnote, Table 53.

Denomination	Churches reporting members		Number of members		Membership by age, 1926		
	1916	1926	1916	1926	Under 13 years	13 years and over	Age not reported
All denominations	226,718	232,154	43,311,647	54,576,346	8,320,785	36,948,260	9,307,301
Adventists (5 bodies)	2,667	2,576	114,915	146,177	3,540	127,467	15,170
Baptist bodies	57,828	60,192	7,153,313	8,440,922	415,798	6,149,474	1,875,650
Northern Baptist Convention	[1] 8,177	7,611	[1] 1,190,863	1,289,966	49,897	1,122,211	117,858
Southern Baptist Convention	23,580	23,374	2,708,870	3,524,378	182,828	2,805,542	536,008
American Baptist Association		1,131		117,858	1,149	103,899	12,810
Negro Baptists	[2] 21,213	22,081	[2] 2,992,421	3,190,623	178,280	1,921,338	1,097,055
Free Will Baptists	760	1,024	54,833	79,502	1,190	65,786	12,616
Primitive Baptists	2,142	2,267	80,311	81,374	75	42,283	39,016
All other (18 bodies)	1,966	2,404	126,015	151,131	2,429	88,415	60,287
Brethren, German Baptist (Dunkers) (5 bodies)	1,283	1,279	133,626	158,248	9,769	137,343	11,136
Christian Church (Gen. Convention)	1,263	1,044	118,737	112,795	7,411	93,500	11,884
Church of Christ, Scientist	[3]	1,913	[3]	202,098		202,098	
Church of the Nazarene	866	1,444	32,259	63,558	3,077	55,991	4,490
Churches of Christ	5,570	6,225	317,937	433,714			433,714
Congregational Churches	[4] 5,900	5,028	[4] 809,236	881,696	16,291	752,534	112,871
Disciples of Christ	8,396	7,648	1,226,028	1,377,595	87,237	1,148,335	142,023
Eastern Orthodox Churches	301	446	249,840	259,394	50,913	186,399	13,082
Greek Orthodox Church	87	153	119,871	119,495	23,020	87,844	8,631
Russian Orthodox Church	160	199	99,681	95,134	26,003	65,751	3,380
All other (5 bodies)	45	94	30,288	44,765	10,890	32,804	1,071
Evangelical Church	[5] 2,592	2,054	[5] 210,530	206,080	10,410	186,910	8,760
Evangelical Congregational Church		153		20,449	1,205	19,012	232
Evangelical Synod of North America	1,331	1,287	339,853	314,518		314,518	
Friends (4 bodies)	1,023	885	112,982	110,422	16,166	85,945	8,311
Jewish congregations	1,619	3,118	357,135	4,081,242			4,081,242
Latter Day Saints (2 bodies)	1,530	1,867	462,329	606,561	119,861	442,874	43,826
Lutheran bodies	13,921	15,102	[6] 3,445,883	3,966,003	1,086,652	2,731,969	147,382
United Luth. Church in America	[7] 3,559	3,650	[7] 930,178	1,214,340	304,723	865,844	43,773
Augustana Synod	1,165	1,180	[8] 271,927	311,425	76,920	232,733	1,772
Synodical Conference of America	[8] 3,620	4,752	[8] 1,112,065	1,292,620	370,685	860,021	61,914
Norwegian Luth. Church of America	[9] 2,740	2,554	[9] 459,944	496,707	146,306	328,306	22,095
Joint Synod of Ohio and other States	826	872	[9] 236,010	247,783	73,234	170,043	4,506
Synod of Iowa and other States	977	873	[9] 186,027	217,873	63,798	150,159	3,916
All other (12 bodies)	1,034	1,221	[9] 149,732	185,255	50,986	124,863	9,406
Mennonites (17 bodies)	835	826	79,363	87,164	1,735	77,641	7,788
Methodist bodies	65,692	60,644	7,166,885	8,070,619	686,940	6,190,559	1,193,120
Methodist Episcopal Church	29,315	26,130	3,717,785	4,080,777	313,840	3,250,505	516,432
Methodist Protestant Church	2,473	2,230	186,908	192,171	11,551	150,373	30,247
Methodist Episcopal, South	19,184	18,096	2,114,479	2,487,994	239,647	1,820,330	427,717
African Methodist Episcopal	6,633	6,708	548,355	545,814	42,230	358,833	144,751
African Methodist Episcopal Zion	2,716	2,466	257,169	456,813	57,977	391,960	6,876
Colored Methodist Episcopal	2,621	2,518	245,749	202,713	14,964	129,643	58,106
All other (13 bodies)	2,750	2,487	96,440	104,637	6,731	88,915	8,991
Polish National Catholic Church	34	91	28,245	61,574	16,151	35,950	9,473
Presbyterian bodies	15,840	14,848	2,255,628	2,625,284	122,361	2,281,698	221,225
Presbyterian Church, U. S. A.	[10] 9,773	8,947	[10] 1,625,817	1,894,030	77,700	1,653,033	163,297
Cumberland Presbyterian Church	1,313	1,097	72,052	67,938	3,345	57,770	6,823
United Presbyterian Church	991	901	160,726	171,571	7,587	156,512	7,472
Presbyterian Church, U. S.	3,365	3,409	357,769	451,043	30,769	379,463	40,811
All other (5 bodies)	398	434	39,262	40,702	2,960	34,920	2,822
Protestant Episcopal Church	7,345	7,209	[6] 1,480,898	1,859,088	462,310	1,299,351	97,425
Reformed bodies	2,745	2,682	[6] 556,171	617,551	35,891	524,155	57,505
Reformed Church in America	715	717	144,929	153,739	1,951	118,664	33,124
Reformed Church in the U. S.	11,804	1,709	[11] 354,225	361,286	1,995	339,344	19,947
Free Magyar Reformed		11		3,992	1,398	1,895	699
Christian	226	245	57,017	98,534	30,547	64,252	3,735
Roman Catholic Church	17,375	18,940	15,721,815	18,605,003	5,053,781	12,857,277	693,945
Salvation Army	742	1,052	35,954	74,768	21,006	53,745	17
Spiritualists	354	311	29,023	50,631	506	39,204	10,921
Unitarians	411	353	82,515	60,152	595	57,373	2,184
United Brethren (3 bodies)	3,889	3,375	367,934	395,885	32,819	330,305	32,761
Universalist Church	643	498	58,566	54,957	676	49,835	4,446
All other denominations	4,723	8,673	364,044	692,200	48,684	516,798	66,718

[1] Includes Free Baptist churches, but excludes Negro churches.
[2] Includes Negro churches formerly reported with the Northern Baptist Convention. [3] Not reported.
[4] Includes figures for Evangelical Protestant Church of North America.
[5] Includes Evangelical Association and United Evangelical Church. [6] Partly estimated.
[7] Includes General Synod, United Synod of the South, and General Council (except Augustana Synod).
[8] Includes 4 synods, of which the largest is the Synod of Missouri, Ohio, and other States.
[9] Includes Hauge's Synod, Norwegian Lutheran Church, and United Lutheran Church.
[10] Includes figures for Welsh Calvinistic Methodist Church. [11] Includes Hungarian Reformed.

Source: Bureau of the Census, Department of Commerce.

No. 53.—RELIGIOUS BODIES: VALUE OF PROPERTY AND EXPENDITURES, AND NUMBER OF SUNDAY SCHOOLS AND SCHOLARS, AS REPORTED FOR 1926

NOTE.—The names of many of the denominations have been somewhat abbreviated

Denomination	Value of church edifices		Expenditures during year		Sunday schools	
	Churches reporting	Amount	Churches reporting	Amount	Churches reporting	Number of scholars
All denominations	202, 980	$3,839,500,610	216, 042	$817,214,528	164, 688	21, 088, 528
Adventists (5 bodies)	1, 819	11, 069, 449	2, 336	7, 610, 863	1, 759	102, 779
Baptist bodies	52, 281	409, 827, 795	54, 145	98, 045, 096	47, 889	4, 654, 241
Northern Baptist Convention	7, 297	185, 370, 576	7, 380	34, 318, 486	6, 999	1, 052, 794
Southern Baptist Convention	21, 128	173, 456, 965	22, 338	42, 904, 563	19, 882	2, 345, 630
American Baptist Association	1, 054	1, 832, 546	1, 303	482, 045	918	56, 228
Negro Baptists	19, 833	103, 465, 759	20, 209	19, 475, 981	18, 755	1, 121, 362
Free Will Baptists	765	1, 156, 743	872	252, 613	643	38, 199
Primitive Baptists	1, 037	1, 730, 348	776	166, 847	5	181
All other (13 bodies)	1, 167	2, 814, 858	1, 267	444, 561	687	39, 847
Brethren, German Baptist (Dunkers) (5 bodies)	1, 206	11, 110, 013	1, 182	2, 293, 622	1, 067	133, 483
Christian Church (General Convention)	976	7, 202, 193	1, 004	1, 353, 379	938	85, 478
Church of Christ, Scientist	1, 185	69, 416, 744	1, 859	14, 202, 116	1, 655	140, 566
Church of the Nazarene	1, 113	7, 323, 718	1, 340	3, 124, 444	1, 233	109, 237
Churches of Christ	5, 089	16, 402, 158	5, 975	3, 961, 310	4, 403	274, 571
Congregational Churches	4, 795	162, 212, 552	4, 810	25, 820, 342	4, 601	596, 881
Disciples of Christ	6, 887	114, 860, 211	7, 250	22, 987, 484	6, 080	1, 000, 416
Eastern Orthodox Churches	397	11, 789, 108	423	2, 044, 415	198	14, 195
Greek Orthodox Church	131	5, 011, 718	145	958, 809	73	5, 796
Russian Orthodox Church	187	4, 383, 515	195	838, 453	90	5, 770
All other (5 bodies)	79	1, 393, 875	83	247, 153	35	2, 629
Evangelical Church	1, 989	25, 380, 761	2, 036	5, 951, 009	2, 000	280, 195
Evangelical Congregational Church	142	2, 319, 400	153	574, 165	148	27, 395
Evangelical Synod of North America	1, 253	35, 789, 581	1, 274	6, 002, 900	1, 146	171, 402
Federated churches	343	6, 159, 725	354	1, 272, 455	347	46, 820
Friends (4 bodies)	819	10, 217, 657	854	1, 687, 735	727	67, 389
Jewish Congregations	1, 135	97, 401, 698	1, 290	16, 076, 451	631	70, 380
Latter Day Saints (2 bodies)	1, 415	18, 983, 315	1, 769	3, 005, 895	1, 736	209, 593
Lutheran bodies	13, 400	273, 409, 748	14, 721	59, 500, 845	11, 472	1, 249, 998
United Lutheran Church in America	3, 516	114, 526, 248	3, 577	21, 162, 961	3, 415	619, 781
Augustana Synod	1, 118	22, 781, 698	1, 165	5, 369, 446	1, 036	100, 775
Synodical Conference of America	3, 878	78, 755, 894	4, 601	19, 487, 432	3, 028	212, 071
Norwegian Lutheran Church of America	2, 278	24, 822, 215	2, 497	5, 786, 977	1, 660	131, 147
Joint Synod of Ohio and Other States	832	15, 646, 708	865	3, 702, 259	769	88, 822
Synod of Iowa and Other States	799	8, 657, 486	867	2, 223, 888	778	50, 878
All other (12 bodies)	979	8, 219, 499	1, 149	1, 767, 882	786	46, 524
Mennonites (17 bodies)	680	4, 453, 613	731	1, 270, 067	631	87, 897
Methodist bodies	56, 493	654, 736, 975	59, 483	152, 151, 978	54, 804	6, 567, 654
Methodist Episcopal Church	25, 290	406, 165, 559	25, 790	89, 422, 307	24, 730	3, 706, 561
Methodist Protestant Church	2, 094	16, 817, 278	2, 160	3, 137, 211	1, 917	173, 438
Methodist Episcopal, South	16, 443	161, 986, 430	17, 798	41, 651, 160	15, 525	1, 802, 464
African Methodist Episcopal	5, 829	32, 092, 549	6, 492	7, 600, 161	5, 884	288, 247
African Methodist Episcopal Zion	2, 370	18, 515, 723	2, 464	4, 757, 066	2, 429	267, 141
Colored Methodist Episcopal	2, 341	9, 211, 437	2, 477	2, 428, 234	2, 351	103, 523
All other (13 bodies)	2, 126	9, 947, 899	2, 302	3, 155, 849	1, 968	136, 280
Polish National Catholic Church	84	3, 365, 600	87	485, 698	74	6, 401
Presbyterian bodies	13, 852	443, 572, 158	14, 259	87, 535, 330	13, 222	2, 001, 928
Presbyterian Church in the U. S. A.	8, 437	338, 152, 743	8, 656	63, 230, 663	8, 237	1, 407, 298
Cumberland Presbyterian Church	936	3, 321, 287	961	750, 021	765	48, 052
United Presbyterian Church	879	29, 714, 845	890	6, 642, 820	871	148, 658
Presbyterian Church in the U. S.	3, 148	67, 708, 658	3, 330	15, 612, 028	2, 959	367, 795
All other (5 bodies)	402	4, 584, 625	422	1, 299, 858	390	30, 125
Protestant Episcopal Church	6, 532	314, 596, 738	6, 817	44, 790, 130	5, 607	479, 430
Reformed bodies	2, 618	88, 457, 147	2, 659	14, 810, 430	2, 489	455, 725
Reformed Church in America	690	38, 436, 822	714	5, 524, 673	689	124, 308
Reformed Church in the U. S.	1, 680	44, 662, 875	1, 692	7, 488, 446	1, 614	315, 343
All other (2 bodies)	248	5, 357, 450	253	1, 797, 317	186	25, 074
Roman Catholic Church	16, 254	837, 271, 053	16, 317	204, 526, 487	8, 239	1, 201, 330
Salvation Army	652	17, 738, 506	1, 044	6, 001, 317	1, 015	91, 586
Spiritualists	94	1, 384, 156	509	531, 508	92	6, 552
Unitarians	337	27, 713, 554	344	3, 418, 975	317	19, 722
United Brethren (3 bodies)	3, 224	29, 578, 679	3, 288	7, 321, 073	3, 088	400, 749
Universalist Church	470	15, 826, 940	470	1, 616, 624	350	24, 738
All other denominations	5, 396	49, 939, 675	7, 259	14, 170, 269	6, 228	450, 295

Source: Bureau of the Census, Department of Commerce.

2.—DEFECTIVES AND DELINQUENTS

[Data in this section relate to continental United States]

No. 54.—MENTAL PATIENTS, MENTAL DEFECTIVES, AND EPILEPTICS IN STATE INSTITUTIONS, AND PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES: 1910 TO 1934

[Ratio equals number per 100,000 of population]

Year	State hospitals for mental disease [1]				State institutions for mental defectives and epileptics				State and Federal prisons and reformatories			
	Patients present Jan. 1		First admissions		Patients present Jan. 1		First admissions		Prisoners present Jan. 1		Prisoners received from courts	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
1910	159,096	173.0			[2] 17,411	18.9			68,735	74.7	29,710	32.5
1922	222,406	204.0	50,286	45.8	43,579	40.0	7,467	6.8				
1923	229,664	207.5			46,580	42.1			81,959	74.0	38,628	34.6
1926 [3]	246,486	217.2	52,793	46.2	55,201	47.9	8,171	7.0	91,669	80.6	48,108	42.3
1927 [3]	256,868	218.9	56,144	47.5	58,367	51.3	8,276	7.2	97,991	85.5	51,936	45.1
1928 [3]	264,511	222.2	59,417	49.6	60,412	52.3	9,405	8.2	109,346	92.2	55,740	47.6
1929 [3]	272,252	225.6	60,500	49.8	64,417	54.1	9,795	8.2	116,390	98.6	58,900	51.4
1930 [3]	280,252	229.0	62,738	51.1	68,035	56.4	10,137	8.3	120,496	104.4	66,013	56.2
1931 [3]	292,284	236.4	67,152	54.1	72,565	60.0	10,727	8.8	129,453	111.6	71,520	60.8
1932 [4]	305,031	245.0	67,083	53.7	76,726	61.6	10,676	8.7	137,082	119.0	67,477	57.8
1933 [4]	321,824	257.1	69,368	55.2	84,131	67.2	10,806	8.6	137,997	117.0	62,801	52.8
1934	332,517	263.6			87,194	69.1			136,947	115.3		

[1] Includes 2 Federal hospitals—St. Elizabeths, District of Columbia, and prior to 1933, Asylum for Insane Indians, South Dakota.

[2] Does not include 7 special State institutions for epileptics, included for later enumerations.

[3] Figures exclude institutions not reporting, as follows: 1 institution for mental defectives in 1926, 1927, 1929, 1930, and 1931, and 2 in 1928 and 1932; 2 mental-disease hospitals in 1926 and 1 in 1930 and 1932; 3 State prisons in 1926, 1928, 1929, 1930, and 1931, 1 in 1927, and 4 in 1932 and 1933.

No. 55.—MOVEMENT OF PATIENT POPULATION IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, 1933

Item	Hospitals for mental disease			Institutions for mental defectives and epileptics		
	Total	State	Other	Total	State	Other
Patients on books at beginning of year	417,522	359,105	58,417	102,618	96,127	6,491
In hospitals or institutions	376,748	321,824	54,924	90,440	84,131	6,309
On parole or otherwise absent	40,774	37,281	3,493	12,178	11,996	182
Admissions during the year	130,353	92,573	37,780	13,835	12,377	1,458
First admissions	94,689	69,368	25,321	12,028	10,806	1,222
Readmissions	26,382	17,039	9,343	1,124	918	206
Transfers from other hospitals for mental disease or institutions for mental defectives and epileptics	9,282	6,166	3,116	683	653	30
Separations during the year	112,364	76,857	35,447	9,689	7,828	1,861
Discharges	69,661	42,344	27,317	5,393	4,720	673
Discharged as recovered		11,746				
Discharged as improved		18,965				
Discharged as unimproved		4,296				
Discharged, condition not reported		1,472				
Discharged as without psychosis		5,865				
Transfers to other hospitals for mental disease or institutions for mental defectives and epileptics	10,581	6,996	3,585	1,785	780	1,005
Deaths in hospitals or institutions	32,062	27,517	4,545	2,511	2,328	183
Patients on books at end of year	435,571	374,821	60,750	106,764	100,678	6,088
In hospitals or institutions	389,500	332,517	56,983	93,150	87,194	5,956
On parole or otherwise absent	46,071	42,304	3,767	13,614	13,482	132

Source of tables 54 and 55: Bureau of the Census, Department of Commerce.

No. 56.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1933

[Ratio equals number per 100,000 of population as estimated for July 1, 1933]

State	Patients in hospitals for mental disease [1]					Mental defectives and epileptics in institutions [1]						
	On books Jan. 1	First admissions during year				On books Jan. 1	First admissions during year					
		Total	Male	Female	Ratio		Total	Male	Female	Ratio	Defective [2]	Epileptic [2]
United States	417, 522	94, 689	55, 714	38, 975	75. 3	102, 618	12, 028	6, 600	5, 428	9. 6	8, 916	2, 649
New England:												
Maine	2, 349	407	245	162	50. 7	810	38	24	14	4. 7	38	------
New Hampshire	2, 025	380	207	173	81. 0	652	44	28	16	9. 4	44	11
Vermont	1, 600	370	214	156	102. 5	307	23	13	10	6. 4	21	1
Massachusetts	23, 201	3, 362	1, 905	1, 457	77. 9	7, 408	758	420	338	17. 6	619	169
Rhode Island	2, 735	564	289	275	80. 3	855	105	56	49	15. 0	100	14
Connecticut	6, 840	2, 102	1, 192	910	127. 7	1, 216	134	51	83	8. 1	133	30
Middle Atlantic:												
New York	62, 989	15, 133	8, 323	6, 810	116. 7	17, 450	3, 469	1, 957	1, 512	26. 8	2, 617	466
New Jersey	14, 353	3, 237	1, 739	1, 498	77. 2	5, 625	612	303	309	14. 6	563	162
Pennsylvania	31, 890	6, 760	3, 775	2, 985	69. 1	7, 346	569	350	219	5. 8	424	210
East North Central:												
Ohio	20, 625	5, 000	2, 896	2, 104	73. 6	8, 606	411	245	166	6. 0	401	167
Indiana	9, 228	1, 720	983	737	52. 3	3, 206	414	189	225	12. 6	399	115
Illinois	20, 751	6, 604	3, 972	2, 632	84. 4	7, 829	903	486	417	11. 5	762	243
Michigan	15, 440	2, 723	1, 625	1, 098	54. 0	5, 823	621	331	290	12. 3	525	144
Wisconsin	12, 870	2, 578	1, 544	1, 034	86. 2	2, 901	386	224	162	12. 9	362	67
West North Central:												
Minnesota	10, 556	1, 897	1, 181	716	73. 1	2, 956	336	149	187	13. 0	305	97
Iowa	8, 994	1, 994	1, 304	690	80. 3	2, 870	200	154	105	10. 5	238	50
Missouri	11, 304	2, 754	1, 689	1, 065	75. 1	1, 878	140	82	58	3. 8	135	31
North Dakota	1, 753	304	188	116	44. 3	754	123	48	75	17. 9	113	27
South Dakota	1, 489	280	168	112	39. 9	602	59	41	18	8. 4	57	11
Nebraska	4, 121	637	395	242	45. 8	1, 324	158	50	108	11. 4	155	20
Kansas	5, 169	993	569	424	52. 3	1, 870	169	96	73	8. 9	85	98
South Atlantic:												
Delaware	999	285	183	102	118. 3	256	94	53	41	30. 0	94	10
Maryland	7, 925	1, 892	1, 130	762	113. 8	1, 073	43	22	21	2. 6	43	7
Dist. of Col	5, 045	874	564	310	176. 6	599	78	36	42	15. 8	73	5
Virginia	9, 858	2, 109	1, 287	822	86. 4	1, 019	118	52	66	4. 8	67	51
West Virginia	3, 055	696	430	257	39. 2	883	215	106	109	12. 1	61	18
North Carolina	7, 339	1, 861	1, 101	760	56. 8	641	40	17	23	1. 2	40	------
South Carolina	3, 835	919	492	427	52. 6	507	50	28	22	2. 9	(3)	(3)
Georgia	7, 220	1, 735	1, 225	510	59. 6	249	19	10	9	.7	19	3
Florida	4, 250	1, 032	642	390	66. 4	575	64	39	25	4. 1	61	11
East South Central:												
Kentucky	6, 550	1, 663	1, 007	656	62. 8	883	56	40	16	2. 1	44	------
Tennessee	5, 437	2, 139	1, 421	718	80. 3	613	60	30	30	2. 3	52	8
Alabama	5, 075	1, 126	653	473	41. 8	547	82	63	19	3. 0	81	------
Mississippi	4, 822	1, 333	858	475	65. 1	270	31	22	9	1. 5	(3)	(3)
West South Central:												
Arkansas	5, 344	1, 346	865	481	71. 9	------	------	------	------	------	------	------
Louisiana	5, 255	1, 651	872	779	76. 7	732	108	74	34	5. 0	102	26
Oklahoma	6, 576	1, 686	1, 100	586	68. 6	794	5	2	3	.2	5	1
Texas	11, 484	2, 386	1, 381	1, 005	39. 6	2, 270	211	149	62	3. 5	153	161
Mountain:												
Montana	1, 719	345	233	112	64. 2	387	44	18	26	8. 2	43	4
Idaho	898	154	105	49	34. 5	479	47	20	27	10. 5	47	25
Wyoming	931	208	178	30	90. 0	327	31	19	12	13. 4	27	8
Colorado	3, 385	421	274	147	40. 0	471	31	21	10	2. 9	30	7
New Mexico	785	157	102	55	36. 2	58	20	11	9	4. 6	20	------
Arizona	1, 079	263	168	95	58. 1	------	------	------	------	------	------	------
Utah	960	209	120	89	40. 3	------	------	------	------	------	------	------
Nevada	296	77	54	23	82. 8	------	------	------	------	------	------	------
Pacific:												
Washington	6, 195	1, 369	855	514	85. 6	1, 386	190	116	74	11. 9	183	49
Oregon	4, 064	931	582	349	94. 7	931	107	60	47	10. 9	106	9
California	20, 793	6, 023	3, 420	2, 603	99. 4	4, 401	552	295	257	9. 1	469	104

[1] Data includes both State institutions and those under Federal, private, or local governmental control.
[2] Includes persons both defective and epileptic; see table 60 for full classification.
[3] Not reported.

Source: Bureau of the Census, Department of Commerce.

No. 57.—FIRST ADMISSIONS TO HOSPITALS FOR MENTAL DISEASE: By Psychosis and Sex, 1933

Psychosis	Number			Percent distribution			Admitted to	
	Total	Male	Female	Total	Male	Female	State hospitals	Other hospitals
Grand total	94,689	55,714	38,975	100.0	100.0	100.0	69,368	25,321
Total with psychosis	82,439	48,903	33,536	87.1	84.2	91.2	63,508	18,931
Traumatic	486	404	82	.5	.7	.2	346	140
Senile	8,062	4,293	3,769	8.5	7.7	9.7	6,254	1,798
With cerebral arteriosclerosis	8,773	5,334	3,439	9.3	9.6	8.8	7,808	965
General paralysis	7,166	5,632	1,534	7.6	10.1	3.9	5,861	1,305
With cerebral syphilis	1,477	1,056	421	1.6	1.9	1.1	1,105	372
With Huntington's chorea	138	67	71	.1	.1	.2	116	22
With brain tumor	100	59	41	.1	.1	.1	63	37
With other brain or nervous diseases	1,311	763	548	1.4	1.4	1.4	969	342
Alcoholic	4,651	4,057	594	4.9	7.3	1.5	3,431	1,220
Due to drugs or other exogenous toxins	653	346	307	.7	.6	.8	338	315
With pellagra	486	161	325	.5	.3	.8	442	44
With other somatic diseases	2,169	980	1,189	2.3	1.8	3.1	1,763	406
Manic-depressive	12,085	5,368	6,717	12.8	9.6	17.2	8,937	3,148
Involution melancholia	2,249	715	1,534	2.4	1.3	3.9	1,362	887
Dementia praecox (schizophrenia)	17,789	9,504	8,225	18.8	17.2	21.1	13,902	3,887
Paranoia or paranoid conditions	1,624	770	854	1.7	1.4	2.2	1,047	577
Epileptic psychoses	2,065	1,239	826	2.2	2.2	2.1	1,765	300
Psychoneuroses and neuroses	2,748	1,171	1,577	2.9	2.1	4.1	1,591	1,157
With psychopathic personality	1,248	775	473	1.3	1.4	1.2	930	318
With mental deficiency	2,877	1,601	1,276	3.0	2.9	3.3	2,332	545
Undiagnosed and not reported	4,292	2,558	1,734	4.5	4.6	4.4	3,146	1,146
Total without psychosis	12,250	6,811	5,439	12.9	15.8	8.8	5,860	6,390
Epilepsy	294	170	94	.3	.3	.2	152	112
Alcoholism	4,202	3,785	417	4.4	6.8	1.1	2,090	2,112
Drug addiction	889	593	296	.9	1.1	.8	489	400
Psychopathic personality	468	316	152	.5	.6	.4	282	186
Mental deficiency	1,254	720	534	1.3	1.3	1.4	979	275
Others without psychosis	5,173	3,227	1,946	5.5	5.8	5.0	1,868	3,305

No. 58.—PATIENTS WITH PSYCHOSIS IN STATE HOSPITALS FOR MENTAL DISEASE: Discharges and Deaths by Psychosis, 1933

Psychosis	Discharges				Deaths in hospitals
	Total	Recovered	Improved	Other and not reported	
Total	36,033	11,746	18,965	5,322	27,071
Traumatic	215	65	133	17	66
Senile	938	103	597	238	5,055
With cerebral arteriosclerosis	1,774	310	1,156	308	5,184
General paralysis	1,897	187	1,412	298	3,118
With cerebral syphilis	545	156	329	60	519
With Huntington's chorea	30	1	15	14	92
With brain tumor	14	3	4	7	61
With other brain or nervous diseases	465	57	299	109	450
Alcoholic	2,763	1,768	835	160	579
Due to drugs or other exogenous toxins	358	198	118	42	32
With pellagra	348	157	167	24	225
With other somatic diseases	854	419	362	73	879
Manic-depressive	9,145	5,107	3,397	641	2,575
Involution melancholia	828	345	384	99	576
Dementia praecox (schizophrenia)	9,113	1,028	6,111	1,974	4,633
Paranoia or paranoid conditions	657	104	426	127	415
Epileptic psychoses	909	107	596	206	860
Psychoneuroses and neuroses	1,537	549	792	196	105
With psychopathic personality	991	452	431	108	90
With mental deficiency	1,307	366	647	294	711
Undiagnosed and not reported	1,325	264	754	307	846

Source of tables 57 and 58: Bureau of the Census, Department of Commerce.

No. 59.—FIRST ADMISSIONS TO STATE HOSPITALS, PATIENTS WITH PSYCHOSIS ONLY: By Sex, Color, Nativity, and Age, 1933

Item	Total	Male	Female	Item	Total	Male	Female
Total	63, 568	36, 642	26, 866	Age (years)—Continued.			
				35 to 39	6, 359	3, 516	2, 843
Color and nativity:				40 to 44	6, 167	3, 471	2, 696
Native white	43, 924	25, 042	18, 882	45 to 49	6, 009	3, 454	2, 555
Foreign-born white	11, 897	7, 096	4, 801	50 to 54	5, 143	3, 021	2, 122
Negro	6, 932	3, 992	2, 940	55 to 59	4, 152	2, 499	1, 653
Other races	755	512	243	60 to 64	3, 892	2, 348	1, 544
Age (years):				65 to 69	3, 360	2, 049	1, 311
Under 15	319	184	135	70 to 74	3, 226	1, 935	1, 291
15 to 19	2, 521	1, 430	1, 091	75 to 79	2, 517	1, 525	992
20 to 24	5, 107	3, 019	2, 148	80 to 84	1, 454	838	616
25 to 29	5, 624	3, 128	2, 496	85 and over	668	318	350
30 to 34	6, 131	3, 428	2, 709	Unknown	799	479	320

No. 60.—FIRST ADMISSIONS TO INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: By Sex, Mental Status, and Type of Epilepsy, 1933

Status and type	Total	State institutions			Other institutions		
		Total	Male	Female	Total	Male	Female
Defective, total	9, 916	8, 832	4, 671	4, 161	1, 084	574	510
Moron	4, 816	4, 309	2, 157	2, 152	507	252	255
Imbecile	2, 895	2, 521	1, 355	1, 166	374	205	169
Idiot	1, 558	1, 410	785	625	148	85	63
Not reported	647	592	374	218	55	32	23
Epileptic, total	2, 649	2, 448	1, 451	995	203	101	102
Symptomatic	617	603	391	212	14	7	7
Idiopathic	1, 485	1, 330	758	572	155	77	78
Not reported	547	513	302	211	34	17	17
Defective only	8, 270	7, 356	3, 831	3, 525	914	493	421
Epileptic only	1, 003	970	611	359	33	20	13
Both defective and epileptic	1, 646	1, 476	840	636	170	81	89
Neither defective nor epileptic	1, 100	1, 004	674	330	105	50	55

No. 61.—STATE AND FEDERAL PRISONS AND REFORMATORIES AND COUNTY AND CITY JAILS: Prisoners Received from Courts, by Color, Nativity, and Age, 1933

[Ratio equals number per 100,000 of 1930 census population. Satisfactory estimates of the population distributed by color and nativity and by age are not available for 1933]

Color, nativity, and age	State and Federal prisons (entire year)					County and city jails (6 months only)				
	Total	Male	Female	Ratio		Total	Male	Female	Ratio	
				Male	Female				Male	Female
Total	32, 801	30, 073	2, 728	96. 7	4. 5	240, 930	224, 542	16, 388	361. 4	27. 0
Color and nativity:										
White	46, 268	44, 358	1, 910	80. 4	3. 6	175, 875	168, 213	7, 662	304. 9	14. 3
Native	43, 105	41, 366	1, 739	86. 2	3. 7	151, 158	144, 277	6, 881	300. 5	14. 5
Foreign-born	3, 163	2, 992	171	41. 8	2. 8	24, 717	23, 936	781	334. 6	12. 9
Negro	14, 368	13, 584	784	232. 0	13. 0	55, 038	46, 735	8, 303	798. 1	137. 6
Mexican	1, 449	1, 436	13	189. 3	2. 0	7, 614	7, 358	256	969. 9	38. 6
All other	716	695	21	193. 7	8. 8	2, 403	2, 236	167	623. 0	70. 1
Age:										
Under 15 years	20	16	4	. 1	-------	3, 837	3, 530	307	16. 2	1. 4
15 to 17 years	2, 432	2, 282	150	65. 3	4. 3					
18 years	3, 015	2, 874	141	248. 3	11. 7	5, 630	5, 192	438	448. 5	36. 5
19 years	3, 621	3, 443	178	311. 2	15. 8	7, 288	6, 667	621	602. 6	55. 0
20 years	3, 522	3, 365	157	315. 5	13. 6	7, 209	6, 585	624	617. 5	54. 0
21 to 24 years	13, 496	12, 950	546	303. 3	12. 5	34, 580	31, 349	3, 231	734. 1	73. 8
25 to 29 years	12, 315	11, 800	515	242. 8	10. 4	37, 492	34, 316	3, 176	706. 1	63. 9
30 to 34 years	8, 536	8, 167	369	179. 0	8. 1	32, 463	30, 123	2, 340	660. 3	51. 3
35 to 39 years	5, 780	5, 515	265	117. 8	5. 9	28, 492	26, 668	1, 824	569. 8	40. 3
40 to 44 years	3, 852	3, 674	178	88. 8	4. 6	22, 851	21, 763	1, 088	526. 1	28. 2
45 to 49 years	2, 492	2, 380	112	64. 8	3. 3	17, 362	16, 641	721	453. 2	21. 4
50 to 54 years	1, 653	1, 597	56	51. 0	2. 0	12, 205	11, 794	411	376. 6	14. 5
55 to 59 years	936	914	22	37. 7	1. 0	7, 032	6, 823	209	281. 2	9. 4
60 to 64 years	531	519	12	26. 7	. 7	4, 358	4, 281	77	220. 5	4. 3
65 years and over	411	403	8	12. 1	. 2	3, 269	3, 216	53	96. 7	1. 6
Unknown	189	174	15	-------	-------	16, 862	15, 594	1, 268	-------	-------

[1] Figures include only jails which submitted definite reports, omitting estimates included in table 62.

Source of tables 59, 60, and 61: Bureau of the Census, Department of Commerce.

No. 62.—STATE AND FEDERAL PRISONS AND REFORMATORIES, AND COUNTY AND CITY JAILS: PRISONERS PRESENT JANUARY 1 AND NUMBER RECEIVED FROM COURTS, 1933

[Ratio equals number per 100,000 of population as estimated for July 1, 1933]

State	State and Federal prisons					County and city jails [1]				
	Present January 1	Received from courts during year				Present January 1	Prisoners received January 1 to June 30, only			
		Total	Male	Female	Ratio		Total	Male	Female	Ratio
United States	137,997	62,801	60,073	2,728	52.8	51,436	304,242	283,869	20,373	242.1
Federal prisons	12,276	8,333	8,044	289	6.6					
State prisons	125,721	54,468	52,029	2,439	46.2					
New England:										
Maine	559	318	252	66	39.7	323	1,415	1,396	19	176.4
New Hampshire	198	79	79		16.8	171	396	378	18	84.4
Vermont	431	288	260	28	79.8	67	608	603	5	168.4
Massachusetts	2,658	1,003	811	192	23.2	2,157	7,654	7,376	278	177.3
Rhode Island	535	220	192	28	31.3	163	559	553	6	79.6
Connecticut	1,366	597	451	146	36.3	594	3,263	3,167	96	198.2
Middle Atlantic:										
New York	9,613	3,203	3,003	200	24.7	7,870	37,824	36,455	1,369	291.7
New Jersey	3,212	1,774	1,655	119	42.3	1,606	9,064	8,469	595	216.2
Pennsylvania	6,396	2,010	1,929	81	20.5	5,666	12,046	11,333	713	123.1
East North Central:										
Ohio	8,603	2,774	2,691	83	40.8	2,443	17,151	15,807	1,344	252.3
Indiana	4,764	1,620	1,577	43	49.2	394	3,999	3,784	215	121.5
Illinois	10,440	2,707	2,518	189	34.6	3,111	12,003	11,075	928	153.4
Michigan	8,689	2,767	2,671	96	54.9	1,701	10,206	9,468	738	202.4
Wisconsin	2,696	1,016	947	69	34.0	1,390	7,434	6,972	462	248.5
West North Central:										
Minnesota	2,592	1,125	1,090	35	43.4	1,006	6,317	6,065	252	243.5
Iowa	3,058	871	803	68	35.1	572	5,025	4,852	173	202.5
Missouri	4,579	1,862	1,823	39	50.8	1,045	4,795	4,550	245	130.7
North Dakota	365	284	278	6	41.3	70	798	756	42	116.2
South Dakota	580	280	268	12	39.9	133	761	735	26	108.4
Nebraska	1,268	765	708	57	55.0	344	2,516	2,375	141	180.7
Kansas	2,526	1,251	1,177	74	65.8	290	3,146	3,076	70	165.6
South Atlantic:										
Delaware [2]						453	1,777	1,702	75	737.3
Maryland	2,503	2,964	2,832	132	178.2	181	7,281	6,377	904	437.8
Dist. of Columbia	1,048	663	663		133.9	238	4,307	3,962	345	870.1
Virginia	3,312	1,827	1,763	64	74.8	2,102	15,376	14,381	995	629.9
West Virginia	2,642	1,075	1,047	28	60.6	707	5,978	5,546	432	337.0
North Carolina	2,719	1,274	1,200	74	38.9	348	3,337	2,690	647	101.9
South Carolina	1,194	641	592	49	36.7	919	1,969	1,826	143	112.6
Georgia [2]						2,278	10,551	8,865	1,686	362.5
Florida	2,951	1,134	1,092	42	78.0	742	4,952	4,513	439	318.7
East South Central:										
Kentucky	3,439	2,293	2,253	40	86.6	736	7,827	7,076	751	295.6
Tennessee	2,734	1,614	1,572	42	60.6	1,819	13,070	11,982	1,088	490.6
Alabama [2]						1,242	6,949	6,135	814	257.7
Mississippi [2]						485	2,421	2,140	281	118.3
West South Central:										
Arkansas	916	1,220	1,166	54	65.2	281	3,392	3,226	166	181.2
Louisiana	2,580	1,171	1,131	40	54.4	741	6,626	5,610	1,016	307.8
Oklahoma	4,096	2,405	2,333	72	97.8	834	10,541	10,230	311	428.7
Texas	5,190	3,118	3,058	60	51.8	1,053	16,383	15,337	1,046	272.0
Mountain:										
Montana	604	318	314	4	59.2	130	1,487	1,436	51	276.6
Idaho	274	159	157	2	35.6	272	828	797	31	185.2
Wyoming	312	130	130		56.3	48	314	305	9	135.9
Colorado	1,348	873	864	9	83.0	252	3,426	3,196	230	325.7
New Mexico	526	356	347	9	82.0	39	564	540	24	130.0
Arizona	677	336	330	6	74.2	31	1,133	1,060	73	250.1
Utah	297	198	195	3	38.2	78	958	949	9	184.9
Nevada	229	83	82	1	89.2	78	409	390	19	439.8
Pacific:										
Washington	1,801	986	971	15	61.7	342	4,904	4,696	208	306.7
Oregon	868	420	415	5	42.7	348	2,607	2,508	99	265.2
California	8,333	2,396	2,339	57	39.5	3,567	17,895	17,149	746	295.2

[1] Figures include estimates for jails which did not submit definite reports, representing 10,175 prisoners present and 63,312 prisoners received. In other tables for jails these estimates are omitted.
[2] No report received from State prisons in this State.

Source: Bureau of the Census, Department of Commerce.

No. 63.—STATE AND FEDERAL PRISONS AND REFORMATORIES AND COUNTY AND CITY JAILS: PRISONERS RECEIVED FROM COURTS, BY SEX AND OFFENSE, 1933

Offense	State and Federal prisons (entire year)				County and city jails[1] (6 months only)			
	Total	Male	Female	Per-cent[2]	Total	Male	Female	Per-cent[2]
All offenses	62, 801	60, 073	2, 728	100. 0	240, 930	224, 542	16, 388	100. 0
Homicide	3, 873	3, 577	296	6. 2	362	320	42	. 2
Robbery	7, 815	7, 724	91	12. 4	782	748	34	. 3
Aggravated assault	2, 336	2, 221	115	3. 7	1, 572	1, 441	131	. 7
Other assault	1, 227	1, 179	48	2. 0	9, 562	8, 923	639	4. 2
Burglary	14, 760	14, 631	129	23. 5	3, 076	3, 037	39	1. 3
Larceny, except auto theft	10, 355	10, 020	335	16. 5	22, 771	21, 719	1, 052	9. 9
Auto theft	3, 050	3, 027	29	4. 9	637	633	4	. 3
Embezzlement and fraud	2, 048	1, 975	73	3. 3	3, 496	3, 389	107	1. 5
Stolen property	607	571	36	1. 0	584	542	42	. 3
Forgery	3, 602	3, 482	120	5. 7	718	675	43	. 3
Rape	1, 436	1, 436	------	2. 3	348	348	------	. 2
Prostitution and commercialized vice	429	226	203	. 7	1, 677	634	1, 043	. 7
Other sex offenses	1, 613	1, 201	412	2. 6	2, 757	1, 622	1, 135	1. 2
Violating drug laws	1, 518	1, 335	183	2. 4	1, 461	1, 346	115	. 6
Violating liquor laws	3, 475	3, 360	115	5. 5	17, 121	16, 099	1, 022	7. 4
Carrying weapons, etc	398	393	5	. 6	2, 114	2, 065	49	. 9
Nonsupport or neglect	494	439	55	. 8	2, 386	2, 342	44	1. 0
Violating traffic and motor-vehicle laws	333	326	7	. 5	16, 211	16, 066	145	7. 0
Driving while intoxicated	------	------	------	------	3, 984	3, 922	62	1. 7
Violating road and driving laws	------	------	------	------	2, 987	2, 965	22	1. 3
Violating other motor-vehicle laws	------	------	------	------	9, 240	9, 179	61	4. 0
Disorderly conduct, drunkenness, and vagrancy	1, 024	775	249	1. 6	120, 980	111, 653	9, 327	52. 6
Disorderly conduct and drunkenness	------	------	------	------	101, 487	93, 904	7, 583	44. 1
Vagrancy	------	------	------	------	19, 493	17, 749	1, 744	8. 5
Gambling	27	27	------	------	2, 510	2, 455	55	1. 1
Other offenses	2, 366	2, 139	227	3. 8	18, 827	17, 724	1, 103	8. 2
Not reported	9	9	------	------	10, 978	10, 761	217	------

[1] Figures include only jails which submitted definite reports, omitting estimates included in table 62.
[2] Based on the number of prisoners for whom the offense was reported.

No. 64.—COUNTY AND CITY JAILS: PRISONERS DISCHARGED, BY OFFENSE AND TIME SERVED, 1933

Offense	Total[1]	Under 5 days	5 to 9 days	10 to 19 days	20 to 29 days	1 mo.	2 mos.	3 mos.	4 and 5 mos.	6 to 8 mos.	9 to 11 mos.	1 yr. and over
All offenses	237, 534	44, 098	35, 125	57, 088	25, 998	34, 800	13, 964	8, 512	8, 085	3, 681	2, 400	2, 671
Homicide	291	9	15	13	19	31	36	21	30	30	17	63
Robbery	777	38	50	73	35	70	63	58	72	71	75	155
Aggravated assault	1, 416	70	79	140	108	243	186	127	144	127	100	78
Other assault	8, 805	696	901	2, 080	1, 286	1, 736	718	438	439	208	139	187
Burglary	2, 908	149	128	221	170	374	299	229	369	277	243	391
Larceny, exc. auto theft	22, 521	1, 451	1, 905	4, 231	3, 079	4, 925	2, 107	1, 264	1, 349	663	647	673
Auto theft	470	23	34	44	27	61	68	48	60	47	22	39
Embezzlement and fraud	3, 339	222	282	602	317	667	410	218	325	120	83	73
Stolen property	519	35	48	79	60	103	55	42	41	27	10	15
Forgery	767	29	42	51	35	106	79	63	123	79	86	64
Rape	347	15	16	25	16	31	34	27	45	39	37	58
Prostitution and commercialized vice	1, 578	231	134	311	187	402	94	73	66	29	17	25
Other sex offenses	2, 639	203	206	589	359	430	220	183	175	70	54	70
Violating drug laws	1, 430	252	52	61	62	119	116	296	179	45	64	176
Carrying weapons, etc	2, 199	117	114	213	207	526	260	160	223	120	110	125
Nonsupport or neglect	2, 581	170	181	217	232	368	299	300	365	154	197	88
Violating liquor laws	17, 924	965	801	1, 738	1, 718	4, 983	2, 819	1, 912	1, 849	749	162	77
Driving while intoxicated	3, 789	510	309	930	414	947	329	196	89	33	10	------
Violating road and driving laws	2, 928	1, 374	524	489	203	220	53	29	14	4	------	4
Violating other motor-vehicle laws	9, 280	4, 748	1, 063	1, 120	669	800	318	205	173	76	67	26
Disorderly conduct and drunkenness	100, 032	18, 056	22, 215	31, 719	11, 371	11, 428	2, 622	1, 356	787	168	38	34
Vagrancy	19, 544	1, 987	2, 417	5, 832	3, 181	3, 141	1, 729	580	506	76	24	25
Gambling	2, 455	500	453	958	159	199	68	39	27	40	------	4
Other offenses	17, 804	3, 084	2, 869	4, 806	1, 830	2, 525	820	532	498	383	167	205
Not reported	11, 083	9, 104	287	526	254	365	162	116	137	46	31	16

[1] Includes 1,132 prisoners for whom time served was not reported.

Source of tables 63 and 64: Bureau of the Census, Department of Commerce.

No. 65.—MOVEMENT OF POPULATION IN STATE AND FEDERAL PRISONS AND REFORMATORIES, BY SEX: 1933

Item	Total	Male	Female	Item	Total	Male	Female
Prisoners present Jan. 1	137,997	133,573	4,424	Discharges during year—Continued.			
In institution	118,873	114,686	4,187	Conditional release	1,203	1,140	63
Outside institution	19,124	18,887	237	Pardoned	1,648	1,575	73
Admissions during year	78,011	74,445	3,566	Otherwise released	2,855	2,660	195
Received from courts	62,801	60,073	2,728	Executed	111	111	
Parole violators returned	4,073	3,854	219	Died	880	858	22
Escaped prisoners recaptured	1,259	1,162	97	Escaped	1,536	1,455	81
Transferred from other penal institutions	8,383	7,961	422	Transferred to other penal institutions	10,039	9,591	448
Other admissions	1,495	1,395	100	Prisoners present Dec. 31	136,947	132,647	4,300
Discharges during year	59,022	55,780	3,242	In institution	117,569	113,502	4,067
Sentence expired	25,950	24,837	1,113	Outside institution	19,378	19,145	233
Paroled	34,839	33,144	1,695				

Source: Bureau of the Census, Department of Commerce.

No. 66.—STATE AND FEDERAL PRISONS AND REFORMATORIES: PRISONERS DISCHARGED BY OFFENSE, SENTENCE, AND TIME SERVED, 1933

Offense and sentence	Total	Time served											
		Under 6 mos.	6 to 11 mos.	12 to 17 mos.	18 to 23 mos.	2 years	3 years	4 years	5 years	6 to 9 years	10 to 19 years	20 years and over	Not reported
All offenses	**69,022**	**5,656**	**14,847**	**15,725**	**7,974**	**9,836**	**4,834**	**2,451**	**1,887**	**2,487**	**909**	**48**	**2,368**
Homicide	3,290	145	254	349	241	371	264	258	217	482	432	38	239
Robbery	6,740	216	447	1,011	661	1,378	829	547	526	730	193	3	196
Aggravated assault	2,071	191	459	375	226	297	141	99	74	82	19		108
Other assault	1,056	283	176	203	138	132	60	18	14	17	7		8
Burglary	15,194	640	3,016	4,190	1,905	2,342	1,155	519	431	393	97	1	505
Larceny, except auto theft	11,775	845	2,890	2,993	1,375	1,602	688	328	152	226	24		652
Auto theft	3,987	144	691	1,055	644	740	325	145	76	59	7		101
Embezzlement and fraud	2,497	207	735	630	300	313	141	48	24	24	7		68
Stolen property	644	33	161	165	70	82	49	13	11	12	1		47
Forgery	4,477	134	915	1,180	560	795	327	162	103	110	13		178
Rape	1,632	47	187	209	164	274	198	132	118	170	73	5	75
Other sex offenses	2,107	196	375	467	292	353	160	72	50	82	17	1	42
Violating drug laws	1,803	74	476	444	334	275	148	15	12	12	2		11
Violating liquor laws	6,508	1,192	2,983	1,407	504	279	92	12	8	8	3		20
Other offenses	5,235	1,309	1,102	1,047	560	603	257	83	71	71	14		118
DEFINITE SENTENCE ONLY													
Total	**37,218**	**4,058**	**10,343**	**7,484**	**3,957**	**4,407**	**1,927**	**789**	**668**	**897**	**455**	**32**	**2,201**
Under 1 year	3,605	2,802	608	19	1	2	2	1		3			167
1 year	11,784	658	8,184	2,094	172	6	5	3	2	16	8		636
2 years	8,877	260	1,091	4,187	2,227	519	11	4	6	7	3		553
3 years	4,222	115	197	822	1,020	1,763	143	2	1	2			157
4 years	1,231	14	28	98	140	540	263	52	4	2			90
5 years	3,059	54	80	136	260	1,074	975	147	80	16	3	1	233
6 to 9 years	1,451	16	24	46	52	291	317	335	194	79	5		92
10 years	1,022	30	24	34	37	108	117	124	206	260	12		70
11 to 14 years	257	4	7	4	5	15	19	27	43	106	13		14
15 to 19 years	411	12	10	4	10	15	16	26	58	150	68	1	41
20 years and over	566	15	26	9	11	24	21	30	41	145	174	5	65
Life	503	24	15	10	11	20	25	29	26	100	169	25	49
Death	128	43	35	8	4	6							32
Minority	102	2	14	13	7	24	13	9	7	11			2

Source: Bureau of the Census, Department of Commerce.

No. 67.—JUVENILE DELINQUENTS IN STATE INSTITUTIONS: By States, 1933

State	Present January 1	Received from courts		
		Total	Male	Female
United States	30,496	17,017	13,153	3,864
New England:				
Maine	335	101	73	28
New Hampshire	125	56	35	21
Vermont	253	74	54	20
Massachusetts	787	570	441	129
Rhode Island	232	248	230	18
Connecticut	594	190	127	63
Middle Atlantic:				
New York	1,967	872	696	176
New Jersey	1,133	1,573	1,300	273
Pennsylvania	2,628	866	629	237
East North Central:				
Ohio	1,584	1,182	878	304
Indiana	775	296	206	90
Illinois	856	506	336	170
Michigan	951	398	293	105
Wisconsin	643	294	204	90
West North Central:				
Minnesota	734	661	430	231
Iowa	721	281	228	53
Missouri	1,258	472	377	95
North Dakota	245	101	75	26
South Dakota	161	62	49	13
Nebraska	447	158	98	60
Kansas	355	194	142	52
South Atlantic:				
Delaware	527	79	41	38
Maryland	762	372	316	56
Dist. of Col.	603	417	373	44
South Atlantic—Con.				
Virginia	749	405	305	100
West Virginia	612	361	263	98
North Carolina	1,129	514	392	122
South Carolina	400	235	227	8
Georgia	729	572	500	72
Florida	498	365	316	49
East South Central:				
Kentucky	1,106	396	291	105
Tennessee	479	279	211	68
Alabama	907	412	345	67
Mississippi	216	157	103	54
West South Central:				
Arkansas	206	321	250	71
Louisiana	171	84	58	26
Oklahoma	615	396	225	171
Texas	1,192	593	462	131
Mountain:				
Montana	276	92	61	31
Idaho	41	3	2	1
Wyoming	157	46	32	14
Colorado	403	219	140	79
New Mexico	164	127	105	22
Arizona	78	148	127	21
Utah	158	54	39	15
Nevada	25	12	12	------
Pacific:				
Washington	186	184	184	------
Oregon	166	119	94	25
California	1,157	900	778	122

No. 68.—JUVENILE DELINQUENTS RECEIVED FROM COURTS: By Offense Sex, and Age, 1933

Offense	Total	Sex		Age (years)								
		Male	Female	Under 12	12	13	14	15	16	17	18	19 and 20
All offenses	17,017	13,153	3,864	1,137	1,246	1,877	2,834	3,733	3,186	2,042	593	369
Homicide	57	55	2	2	3	5	11	6	14	9	2	5
Robbery	247	245	2	2	4	14	13	39	50	62	22	41
Assault	222	209	13	10	13	16	21	61	51	33	13	4
Burglary	2,177	2,166	11	95	121	200	277	419	478	351	141	95
Larceny, except auto theft	3,876	3,727	149	322	361	490	674	796	654	375	139	65
Auto theft	579	579	------	2	7	22	56	128	163	134	36	31
Forgery	78	74	4	------	------	3	4	7	23	19	12	10
Rape	79	79	------	------	1	3	7	25	21	11	4	7
Other sex offenses	209	63	146	3	7	9	20	57	49	41	8	6
Carrying, etc., deadly weapons	41	41	------	------	1	------	------	7	17	12	2	2
Violations of liquor laws	58	58	------	1	------	------	5	16	13	11	5	7
Violations of traffic and motor vehicle laws	26	26	------	------	------	------	------	3	6	12	4	1
Disorderly conduct and vagrancy	202	163	39	9	16	19	29	44	40	29	6	10
Drunkenness	46	23	23	2	2	1	4	9	17	7	2	2
All other offenses	375	355	20	35	19	32	56	55	67	72	23	16
Other reasons:												
Violation of parole or probation	246	183	63	32	29	26	50	56	34	13	6	------
Immorality and sex delinquency	553	66	487	6	16	49	82	136	122	120	19	3
In danger of leading immoral life	133	12	121	8	6	15	21	28	32	11	7	5
Running away	361	184	177	22	22	48	90	88	56	32	2	1
Incorrigibility	2,556	1,579	977	195	182	292	462	539	554	263	52	17
Delinquency	4,075	2,572	1,503	286	319	508	785	1,014	657	393	76	37
Truancy from school	403	370	33	43	60	57	87	130	18	8	------	------
Other reasons	418	324	94	62	57	68	71	70	50	24	12	4

Source of tables 67 and 68: Bureau of the Census, Department of Commerce.

No. 69.—CHILDREN UNDER INSTITUTIONAL CARE: By Type of Care, by States, December 31, 1933

State	Total	Institution	Foster home			State	Total	Institution	Foster home		
			Free	Boarding	Working				Free	Boarding	Working
U. S.	242,929	140,352	31,538	66,350	4,689	S. Atl.—Con.					
N. England:						Va.	3,448	2,087	1,075	256	30
Maine	3,096	904	448	1,659	85	W. Va.	2,249	1,209	978	60	2
N. H.	1,381	968	62	255	96	N. C.	4,233	3,941	228	62	7
Vt.	1,141	503	359	263	16	S. C.	2,128	1,950	149	19	1
Mass.	12,368	2,472	1,324	7,952	620	Ga.	2,072	1,773	115	176	8
R. I.	2,445	1,229	171	983	62	Fla.	1,783	1,288	460	35	
Conn.	5,073	2,511	268	2,160	134	E. S. Central:					
Mid. Atlantic:						Ky.	3,805	2,874	362	537	32
N. Y.	47,937	25,235	3,174	19,026	502	Tenn.	3,388	2,902	338	129	19
N. J.	7,252	3,080	724	3,238	204	Ala.	1,881	1,189	364	323	5
Pa.	29,737	16,990	2,662	9,570	515	Miss.	1,238	545	689	1	3
E. N. Central:						W. S. Central:					
Ohio	18,962	10,976	2,255	5,274	457	Ark.	598	562	17	6	13
Ind.	7,876	4,817	1,952	1,078	29	La.	2,193	1,994	133	36	30
Ill.	15,452	10,301	1,898	2,836	417	Okla.	2,487	2,241	230	11	5
Mich.	6,499	2,703	1,652	1,957	187	Tex.	5,685	5,074	311	273	27
Wis.	5,116	2,854	957	1,055	250	Mountain:					
W. N. Central:						Mont.	1,126	830	238	40	18
Minn.	5,018	1,563	1,752	1,409	294	Idaho	422	168	163	85	6
Iowa	2,961	2,012	832	71	46	Wyo.	318	135	135	21	27
Mo.	5,798	4,029	1,099	597	73	Colo.	2,207	1,911	137	126	33
N. Dak.	483	285	128	56	14	N. Mex.	394	387		6	1
S. Dak.	890	753	133	4		Ariz.	411	360	21	28	2
Nebr.	1,612	1,092	437	38	45	Utah	351	134	74	142	1
Kans.	2,057	1,234	714	89	20	Nev.	89	89			
S. Atlantic:						Pacific:					
Del.	563	234	235	97	2	Wash.	1,953	1,502	313	127	11
Md.	4,249	2,288	642	1,227	97	Oreg.	1,420	802	294	289	35
Dist. of Col.	1,928	914	150	820	44	Calif.	7,146	4,448	686	1,848	164

Source: Bureau of the Census, Department of Commerce.

No. 70.—CHILDREN UNDER INSTITUTIONAL CARE: By Age, Sex, Type of Care, Color, and Years Under Care, December 31, 1933

Item	Total	Sex		Age (years)							
		Male	Female	Under 1	1 to 5	6 to 9	10 to 13	14 and 15	16 and 17	18 to 20	Unknown
Total	242,929	128,982	113,947	6,269	36,897	57,092	78,329	32,705	20,740	10,030	867
Type of care:											
Institution	140,352	75,677	64,675	2,747	14,720	35,028	52,334	20,190	10,801	3,919	613
Foster home	31,538	15,634	15,904	1,810	6,879	5,114	6,456	3,911	4,316	2,937	115
Boarding home	66,350	35,922	30,428	1,708	15,273	16,902	19,429	8,143	3,721	1,056	118
Working home	4,689	1,749	2,940	4	25	48	110	461	1,902	2,118	21
Sex:											
Male	128,982	128,982		3,312	20,005	30,999	42,202	17,013	10,193	4,822	436
Female	113,947		113,947	2,957	16,892	26,093	36,127	15,692	10,547	5,208	431
Color:											
White	222,788	119,078	103,710	5,915	33,516	51,836	71,577	30,314	19,509	9,413	708
Negro	15,883	8,218	7,665	286	2,913	4,063	5,188	1,890	963	496	84
Other races	4,258	1,686	2,572	68	468	1,193	1,564	501	268	121	75
Time under care:											
Under 1 year	48,564	25,831	22,733	6,269	11,684	13,334	11,721	3,387	1,400	517	252
1 year	37,156	19,745	17,411		10,418	10,776	10,620	3,210	1,572	413	147
2 years	32,995	17,726	15,269		7,020	9,349	10,889	3,577	1,661	413	86
3 years	29,240	15,460	13,780		4,369	7,878	10,546	3,708	1,961	687	91
4 years	22,324	11,847	10,477		2,351	5,533	8,731	3,242	1,786	637	44
5 to 9 years	57,232	30,178	27,054		1,027	10,159	22,483	11,979	7,969	3,495	120
10 to 13 years	11,692	6,114	5,578				3,201	3,037	3,184	2,249	21
14 to 20 years	3,247	1,820	1,427					500	1,158	1,580	9
Not reported	479	261	218		28	63	138	65	49	39	97

Source: Bureau of the Census, Department of Commerce.

No. 71.—CHILDREN UNDER INSTITUTIONAL CARE: BY SEX AND PRESENT WHEREABOUTS OF FATHER AND MOTHER, DECEMBER 31, 1933

Present whereabouts of father or mother	Total	Male	Female	Present whereabouts of father or mother	Total	Male	Female
Total	242,929	128,982	113,947	Legitimate children—Con.			
				Father living, mother unknown	6,119	3,355	2,764
Legitimate children	211,153	111,581	99,572	Mother living, father unknown	21,237	11,469	9,768
Both parents dead	21,834	11,319	10,515	Both parents unknown	21,875	11,741	10,134
Father dead	38,223	21,006	17,217	Illegitimate children	31,776	17,401	14,375
Mother living	31,302	17,368	13,934	Mother dead	1,815	971	844
Mother unknown	6,921	3,638	3,283	Mother living	20,630	11,130	9,500
Mother dead	51,965	26,580	25,385	Mother unknown	9,331	5,300	4,031
Father living	38,414	19,549	18,865				
Father unknown	13,551	7,031	6,520				
Both parents living	49,900	26,111	23,789				

No. 72.—BLIND AND DEAFMUTES: BY SEX, 1890 TO 1930, AND BY RACE AND AGE, 1930

Race	Blind			Deafmutes			Age	Blind			Deafmutes		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1890	50,568	28,080	22,488	40,592	22,429	18,163	1930, by age:						
1900	64,763	37,054	27,709	------	------	------	Under 5	505	284	221	919	501	418
1910	67,272	32,443	24,829	44,708	------	------	5 to 9	1,113	648	465	3,950	2,082	1,868
1920	52,567	30,160	22,407	44,885	------	------	10 to 14	1,815	1,042	773	6,262	3,324	2,938
1930	63,593	36,585	27,008	57,123	29,267	27,856	15 to 19	2,040	1,172	868	5,674	3,053	2,621
White	52,924	30,302	22,622	52,193	26,694	25,499	20 to 24	1,971	1,187	784	4,708	2,470	2,238
Negro	9,169	5,422	3,747	4,202	2,164	2,038	25 to 44	10,072	6,335	3,737	16,801	8,626	8,175
Mexican	784	450	334	410	216	194	45 to 64	17,855	11,171	6,684	12,343	6,144	6,199
Indian	681	380	301	283	168	115	65 and over	28,152	14,705	13,447	6,388	3,027	3,361
All other	35	31	4	35	25	10	Unknown	70	41	29	78	40	38

No. 73.—BLIND AND DEAFMUTES IN THE POPULATION: BY STATES, 1930

[Ratio equals number per 100,000 of population]

State	Blind		Deafmutes		State	Blind		Deafmutes	
	Number	Ratio	Number	Ratio		Number	Ratio	Number	Ratio
United States	63,593	51.8	57,123	46.5	S. Atlantic—Contd.				
					Virginia	1,405	58.0	1,373	56.7
New England:					West Virginia	814	47.1	791	45.7
Maine	826	78.5	444	55.7	North Carolina	1,318	41.6	1,334	42.1
New Hampshire	251	53.9	222	47.7	South Carolina	1,028	59.1	846	48.7
Vermont	223	62.0	214	59.5	Georgia	1,788	61.5	1,288	44.3
Massachusetts	1,924	45.3	1,820	42.8	Florida	816	55.6	725	49.4
Rhode Island	347	50.5	339	49.3	East South Central:				
Connecticut	581	36.2	568	35.3	Kentucky	1,977	75.6	1,316	50.3
Middle Atlantic:					Tennessee	1,540	58.9	1,426	54.5
New York	4,418	35.1	5,373	42.7	Alabama	1,415	53.5	1,048	39.6
New Jersey	1,222	30.2	1,324	32.8	Mississippi	1,121	55.8	829	41.2
Pennsylvania	4,373	45.4	4,699	48.8	West South Central:				
East North Central:					Arkansas	1,101	59.4	918	49.5
Ohio	4,154	62.5	3,047	45.8	Louisiana	1,252	59.6	1,062	50.5
Indiana	2,204	68.1	1,713	52.9	Oklahoma	1,167	48.7	1,372	57.3
Illinois	4,490	58.8	3,315	43.4	Texas	2,605	44.7	2,348	40.3
Michigan	1,742	36.0	2,336	48.2	Mountain:				
Wisconsin	1,530	52.1	1,757	59.8	Montana	235	43.7	305	56.7
West North Central:					Idaho	156	35.1	136	30.6
Minnesota	1,049	40.9	1,226	47.8	Wyoming	53	23.5	60	26.6
Iowa	1,577	63.8	1,162	47.0	Colorado	751	72.5	532	51.4
Missouri	3,879	106.9	1,999	55.1	New Mexico	607	143.4	283	62.1
North Dakota	195	28.6	306	44.9	Arizona	259	59.5	174	39.9
South Dakota	253	36.5	425	61.3	Utah	238	46.9	277	54.5
Nebraska	552	40.1	854	62.0	Nevada	64	70.3	30	32.9
Kansas	1,246	66.2	1,173	62.4	Pacific:				
South Atlantic:					Washington	792	50.7	746	47.7
Delaware	101	42.4	64	26.8	Oregon	496	52.0	549	57.6
Maryland	799	49.0	737	45.2	California	2,597	45.7	2,101	37.0
Dist. of Columbia	261	53.6	157	32.2					

Source of tables 71, 72, and 73: Bureau of the Census, Department of Commerce.

3. VITAL STATISTICS

GENERAL NOTE.—Vital statistics are registered by the States in the first instance, but duplicates of the original certificates of individual births and deaths are received and tabulated by the Census Bureau. Owing to the gradual expansion of the "registration" areas (see tables 74, 80, and 90), the number of births and deaths for the areas as a whole are not strictly comparable but, in most cases, the rates are affected very slightly.

General tables cover the registration area in continental United States. Hawaii, Puerto Rico, and the Virgin Islands are shown separately in Table 88. Stillbirths, shown in table 84, are excluded from data for both births and deaths.

Rates for the years 1920 to 1929 are based on population estimates revised to conform with the 1930 census returns. Rates for the years 1930 to 1933 are based upon the best estimates of population available at this time.

Beginning with 1930 the Bureau of the Census includes Mexicans with the colored in tables showing data by color. In such tables, for this section, in order that the data may be comparable with previous years, Mexicans have been included with the white for 1930 to 1933, except in tables 84 and 85.

No. 74.—DEATHS: NUMBER AND RATES IN THE DEATH REGISTRATION AREA, 1880 TO 1933

NOTE.—See general note above

Year	Registration area			All deaths		Deaths under 1 year of age		Deaths under 5 years of age	
	Population	Percent of U. S total population	Percent of U. S. total area	Number	Rate per 1,000 population	Number	Percent of all deaths	Number	Percent of all deaths
1880[1]	8, 538, 366	17. 0	0. 6	169, 453	19. 8	48, 041	28. 3	74, 810	44. 0
1890[1]	19, 659, 440	31. 2	3. 0	386, 212	19. 6	86, 790	22. 5	133, 778	34. 6
1900	30, 765, 618	40. 5	7. 1	539, 939	17. 6	111, 687	20. 7	164, 137	30. 4
1901	31, 370, 952	40. 3	7. 2	518, 207	16. 5	97, 477	18. 8	141, 678	27. 3
1902	32, 029, 815	40. 4	7. 2	508, 640	15. 9	98, 575	19. 4	143, 515	28. 2
1903	32, 701, 083	40. 4	7. 2	524, 415	16. 0	96, 857	18. 5	139, 940	26. 7
1904	33, 345, 163	40. 4	7. 2	551, 354	16. 5	102, 880	18. 7	145, 902	26. 5
1905	34, 052, 201	40. 4	7. 2	545, 533	16. 0	105, 553	19. 3	147, 384	27. 0
1906	41, 983, 419	48. 9	20. 3	658, 105	15. 7	133, 105	20. 2	186, 978	28. 4
1907	43, 016, 990	49. 2	20. 3	687, 034	16. 0	131, 110	19. 1	183, 774	26. 7
1908	46, 789, 913	52. 5	24. 4	691, 574	14. 8	136, 432	19. 7	189, 865	27. 5
1909	50, 870, 518	56. 1	25. 7	732, 538	14. 4	140, 057	19. 1	196, 534	26. 8
1910	53, 831, 742	58. 3	33. 6	805, 412	15. 0	154, 373	19. 2	217, 319	27. 0
1911	59, 183, 071	63. 2	37. 2	839, 284	14. 2	149, 322	17. 8	209, 482	25. 0
1912	60, 359, 974	63. 5	37. 2	838, 251	13. 9	147, 455	17. 6	204, 639	24. 4
1913	63, 200, 625	65. 5	38. 6	890, 848	14. 1	159, 435	17. 9	225, 129	25. 3
1914	65, 813, 315	67. 2	41. 3	898, 059	13. 6	155, 075	17. 3	214, 120	23. 8
1915	67, 095, 681	67. 5	41. 3	909, 155	13. 6	148, 561	16. 3	203, 223	22. 4
1916	71, 349, 162	70. 8	44. 0	1, 001, 921	14. 0	164, 660	16. 4	234, 081	23. 4
1917	74, 984, 498	73. 4	45. 4	1, 068, 932	14. 3	171, 024	16. 0	243, 708	22. 8
1918	81, 333, 675	78. 5	52. 0	1, 471, 367	18. 1	193, 855	13. 2	306, 143	20. 8
1919	85, 166, 043	81. 1	55. 5	1, 096, 436	12. 9	161, 621	14. 7	229, 813	21. 0
1920	87, 632, 592	82. 3	58. 0	1, 142, 558	13. 0	174, 710	15. 3	248, 432	21. 7
1921	89, 102, 434	82. 3	58. 0	1, 032, 009	11. 6	160, 011	15. 5	220, 688	21. 4
1922	93, 866, 240	85. 4	66. 1	1, 101, 863	11. 7	158, 560	14. 4	218, 201	19. 8
1923	97, 816, 104	87. 7	68. 0	1, 193, 017	12. 2	166, 274	13. 9	233, 918	19. 6
1924	100, 082, 062	88. 4	70. 3	1, 173, 990	11. 7	161, 404	13. 7	220, 122	18. 7
1925	102, 951, 999	89. 6	70. 9	1, 219, 019	11. 8	161, 961	13. 3	218, 294	17. 9
1926	104, 938, 301	90. 1	74. 7	1, 285, 927	12. 3	163, 343	12. 7	226, 824	17. 6
1927	108, 177, 568	91. 5	76. 5	1, 236, 949	11. 4	147, 134	11. 9	199, 507	16. 1
1928	114, 258, 516	95. 3	80. 8	1, 378, 675	12. 1	165, 858	11. 3	216, 090	15. 7
1929	116, 317, 515	95. 7	88. 6	1, 386, 363	11. 9	148, 886	10. 7	206, 028	14. 9
1930	118, 560, 800	96. 2	91. 2	1, 343, 356	11. 3	145, 374	10. 8	195, 200	14. 5
1931	119, 421, 000	96. 3	91. 2	1, 322, 587	11. 1	132, 874	10. 0	178, 537	13. 5
1932	120, 122, 000	96. 3	91. 2	1, 308, 520	10. 9	121, 267	9. 3	160, 508	12. 3
1933	125, 693, 000	100. 0	100. 0	1, 342, 106	10. 7	120, 887	9. 0	161, 902	12. 1

[1] Census year ended May 31.

Source: Bureau of the Census, Department of Commerce.

No. 75.—DEATHS: RATES PER 1,000 POPULATION, BY SEX AND BY AGE GROUPS

NOTE.—It is necessary for accurate comparison of different years to consider only States having registration throughout the period compared. See also general note p. 80

Sex and age group	Registration States as of 1900						Registration States as of 1920					
	1901–1905, average	1911–1915, average	1921–1925, average	1930	1932	1933	1920	1925	1930	1931	1932	1933
Both sexes, all ages	15.8	14.6	12.3	11.5	11.3	11.2	13.0	11.9	11.4	11.2	11.1	10.9
Under 1 year	138.2	123.0	89.2	68.0	55.5	51.2	96.9	83.9	69.2	63.6	57.9	53.8
1 to 4 years	15.8	11.8	7.7	4.8	3.9	3.7	9.8	6.9	5.4	5.0	4.3	4.1
Under 5 years	41.7	34.6	23.3	16.8	13.6	12.6	26.7	21.7	17.5	16.2	14.5	13.5
5 to 9 years	4.1	3.1	2.6	1.9	1.6	1.6	3.0	2.2	1.9	1.8	1.6	1.5
10 to 14 years	2.7	2.1	1.9	1.4	1.4	1.3	2.3	1.8	1.5	1.5	1.4	1.3
15 to 19 years	4.4	3.5	2.9	2.3	2.1	1.9	4.0	3.2	2.7	2.6	2.3	2.2
20 to 24 years	6.1	4.9	3.8	3.3	2.8	2.7	5.7	4.3	3.8	3.7	3.3	3.2
25 to 34 years	7.5	6.1	4.6	4.0	3.6	3.6	6.8	5.0	4.5	4.4	4.1	4.0
35 to 44 years	9.9	9.0	6.8	6.3	5.9	5.9	8.2	7.1	6.7	6.7	6.3	6.1
45 to 54 years	14.4	14.3	12.1	12.2	12.1	12.2	12.1	12.0	12.3	12.2	11.9	11.9
55 to 64 years	27.1	27.5	25.0	25.4	25.7	25.0	23.6	23.9	24.4	24.2	24.4	24.5
65 to 74 years	55.1	58.0	54.6	53.9	55.8	56.2	51.8	52.3	52.0	51.5	52.5	52.6
75 years and over	137.8	140.1	136.2	134.6	141.6	143.2	133.2	133.7	130.5	130.5	138.1	136.8
Males, all ages	16.6	15.5	12.9	12.3	11.9	11.9	13.4	12.6	12.4	12.2	11.9	11.8
Under 1 year	152.7	136.7	100.5	76.1	62.2	57.2	108.8	94.2	77.2	71.3	64.8	59.9
1 to 4 years	16.5	12.4	8.1	5.2	4.2	4.0	10.2	7.3	5.8	5.4	4.5	4.4
Under 5 years	45.3	37.8	25.8	18.6	15.1	14.0	29.3	23.9	19.4	17.9	16.0	14.9
5 to 9 years	4.2	3.3	2.9	2.1	1.8	1.7	3.1	2.4	2.1	2.0	1.7	1.7
10 to 14 years	2.8	2.2	2.1	1.6	1.5	1.5	2.4	2.0	1.7	1.7	1.6	1.5
15 to 19 years	4.4	3.7	3.1	2.5	2.3	2.1	4.2	3.2	2.9	2.8	2.5	2.4
20 to 24 years	6.2	5.3	3.8	3.4	2.9	2.8	5.4	4.3	4.0	3.8	3.5	3.3
25 to 34 years	7.8	6.5	4.6	4.2	3.7	3.7	6.5	5.1	4.8	4.6	4.3	4.2
35 to 44 years	10.6	10.1	7.3	7.1	6.5	6.5	8.3	7.6	7.4	7.4	6.9	6.7
45 to 54 years	15.6	15.9	13.0	13.9	13.7	14.0	12.5	13.0	13.8	13.8	13.3	13.5
55 to 64 years	29.1	30.1	26.9	28.4	28.7	29.2	24.6	25.9	27.1	27.1	27.3	27.6
65 to 74 years	58.2	61.7	57.7	58.3	59.9	61.0	53.8	56.2	56.6	56.1	56.6	57.3
75 years and over	142.9	144.6	138.7	139.3	146.3	148.3	135.5	137.6	135.7	136.5	143.6	142.5
Females, all ages	14.9	13.6	11.8	10.7	10.6	10.5	12.6	11.2	10.5	10.3	10.2	10.0
Under 1 year	123.3	109.0	77.5	59.7	48.6	44.9	84.7	73.3	60.9	55.8	50.9	47.4
1 to 4 years	15.2	11.3	7.2	4.5	3.6	3.4	9.4	6.5	5.0	4.7	4.0	3.8
Under 5 years	38.0	31.2	20.7	14.8	12.0	11.2	24.0	19.3	15.6	14.4	12.9	12.1
5 to 9 years	4.0	2.9	2.3	1.7	1.5	1.4	2.8	2.0	1.7	1.6	1.5	1.4
10 to 14 years	2.7	2.0	1.7	1.2	1.2	1.1	2.1	1.7	1.3	1.3	1.2	1.1
15 to 19 years	4.4	3.2	2.8	2.2	1.8	1.7	3.9	3.2	2.5	2.4	2.1	1.9
20 to 24 years	5.9	4.5	3.7	3.2	2.7	2.6	5.9	4.3	3.7	3.5	3.2	3.0
25 to 34 years	7.3	5.6	4.5	3.8	3.5	3.4	7.2	4.9	4.3	4.2	4.0	3.8
35 to 44 years	9.0	7.9	6.2	5.4	5.3	5.2	8.0	6.6	6.0	5.9	5.7	5.5
45 to 54 years	13.1	12.6	11.1	10.5	10.4	10.4	11.6	10.9	10.6	10.5	10.3	10.1
55 to 64 years	25.1	24.9	23.1	22.4	22.7	22.6	22.4	21.7	21.4	21.3	21.4	21.2
65 to 74 years	52.1	54.5	51.7	49.9	52.0	51.7	49.8	48.4	47.3	46.9	48.3	47.9
75 years and over	133.3	136.4	134.2	130.7	137.8	138.9	131.2	130.3	125.9	125.2	133.2	131.6

No. 76.—DEATHS: RATES PER 1,000 ESTIMATED POPULATION IN THE DEATH REGISTRATION AREA, DISTINGUISHING CITIES AND RURAL AREA

NOTE.—See general note, p. 80

Year	Registration area			All registration cities			Rural part of registration area		
	Total	White	Colored	Total	White	Colored	Total	White	Colored
1920	13.0	12.6	17.9	14.2	13.6	22.7	11.9	11.5	15.2
1921	11.6	11.2	15.7	12.4	11.9	19.4	10.8	10.4	13.5
1922	11.7	11.4	15.4	12.7	12.2	19.8	10.8	10.5	13.0
1923	12.2	11.7	16.6	13.2	12.6	21.4	11.2	10.9	13.9
1924	11.7	11.2	17.2	12.8	12.1	21.8	10.7	10.2	14.6
1925	11.8	11.3	17.6	13.0	12.3	21.9	10.8	10.3	14.9
1926	12.3	11.7	18.0	13.4	12.7	22.1	11.2	10.7	15.4
1927	11.4	10.9	16.6	12.5	11.9	20.6	10.4	10.0	14.1
1928	12.1	11.5	17.1	13.3	12.7	21.1	11.0	10.5	14.9
1929	11.9	11.4	16.9	13.1	12.4	20.5	10.9	10.4	14.9
1930	11.3	10.8	16.4	12.3	11.7	19.5	10.4	9.9	14.4
1931	11.1	10.6	15.5	11.9	11.4	18.5	10.2	9.8	13.5
1932	10.9	10.5	14.5	11.7	11.2	17.4	10.2	9.8	12.6
1933	10.7	10.3	14.1	11.5	11.0	17.2	9.9	9.6	12.2

Source of tables 75 and 76: Bureau of the Census, Department of Commerce.

No. 77.—DEATHS: Number and Rate per 1,000 Population, by States

NOTE.—See general note, p. 80

Area	Number of deaths		Death rate per 1,000 estimated population							
	1932	1933	1920	1925	1928	1929	1930	1931	1932	1933
Total[1]	1,293,269	1,342,106	13.0	11.8	12.0	11.9	11.3	11.1	10.9	10.7
Alabama	27,680	27,104	(2)	11.6	12.3	12.4	11.5	10.7	10.3	10.0
White	*14,871*	*14,625*	(2)	*9.5*	*10.0*	*10.2*	*9.4*	*8.8*	*8.6*	*8.4*
Colored	*12,809*	*12,479*	(2)	*15.3*	*16.2*	*16.2*	*15.2*	*14.0*	*13.5*	*13.1*
Arizona	5,420	5,539	(2)	(2)	15.4	15.9	15.2	13.7	12.1	12.2
Arkansas	16,315	16,597	(2)	(2)	10.9	10.5	10.2	9.6	8.7	8.9
White	*11,263*	*11,537*	(2)	(2)	*9.7*	*9.4*	*9.1*	*8.3*	*8.1*	*8.3*
Colored	*5,052*	*5,060*	(2)	(2)	*14.3*	*13.8*	*13.5*	*11.9*	*10.5*	*10.5*
California	67,680	68,036	13.3	12.3	12.5	11.9	11.6	11.5	11.4	11.2
White	*64,378*	*64,745*	*13.1*	*12.2*	*12.5*	*11.8*	*11.5*	*11.5*	*11.4*	*11.2*
Colored	*3,302*	*3,291*	*17.8*	*13.9*	*12.5*	*12.5*	*12.2*	*11.7*	*11.7*	*11.4*
Colorado	12,599	11,961	14.5	12.7	13.8	12.5	12.7	12.0	12.0	11.4
Connecticut	16,962	17,444	13.6	11.8	11.4	11.5	10.7	10.6	10.4	10.6
Delaware	3,178	3,309	14.6	13.5	13.6	13.2	13.6	13.8	13.2	13.7
Florida	18,288	18,759	12.8	13.6	13.7	12.7	12.3	12.0	12.0	12.1
White	*11,287*	*11,670*	*11.5*	*11.9*	*11.8*	*10.8*	*10.6*	*10.4*	*10.4*	*10.5*
Colored	*7,001*	*7,189*	*15.3*	*17.4*	*18.2*	*17.1*	*16.5*	*16.0*	*15.7*	*15.9*
Georgia	32,128	31,194	(2)	(2)	12.4	12.2	12.1	11.3	11.0	10.7
White	*16,318*	*16,860*	(2)	(2)	*10.3*	*10.0*	*9.8*	*9.2*	*9.1*	*9.1*
Colored	*15,810*	*14,334*	(2)	(2)	*15.9*	*15.8*	*16.1*	*15.1*	*14.5*	*13.7*
Idaho	3,942	4,056	(2)	7.8	9.4	9.2	9.4	9.0	8.8	9.1
Illinois	83,180	82,513	12.6	11.5	12.1	11.6	10.9	11.1	10.7	10.5
Indiana	38,756	38,009	13.4	12.5	12.7	12.7	12.1	11.9	11.8	11.5
Iowa	25,786	25,665	(2)	10.0	10.3	10.4	10.6	10.4	10.4	10.3
Kansas	19,512	19,613	11.4	10.2	11.2	10.4	10.4	9.9	10.3	10.3
Kentucky	29,059	28,520	11.8	11.3	11.8	12.0	11.3	11.0	11.0	10.8
White	*24,829*	*24,330*	*11.0*	*10.4*	*10.9*	*11.1*	*10.4*	*10.1*	*10.3*	*10.0*
Colored	*4,230*	*4,190*	*18.4*	*20.2*	*20.8*	*21.3*	*21.0*	*20.1*	*18.8*	*18.7*
Louisiana	23,311	23,112	11.9	12.8	12.2	11.9	11.7	11.1	10.9	10.7
White	*12,512*	*12,138*	*9.8*	*10.0*	*10.0*	*9.7*	*9.5*	*9.2*	*9.3*	*8.9*
Colored	*10,799*	*10,974*	*15.2*	*17.3*	*15.9*	*15.7*	*15.5*	*14.3*	*13.7*	*13.9*
Maine	10,719	11,102	15.4	13.8	13.9	14.3	13.9	13.1	13.4	13.8
Maryland	21,038	20,610	14.6	14.0	13.6	13.5	13.2	13.2	12.7	12.4
White	*15,955*	*15,856*	*13.3*	*12.6*	*12.4*	*12.4*	*12.0*	*12.0*	*11.6*	*11.5*
Colored	*5,083*	*4,754*	*21.1*	*20.9*	*19.5*	*18.9*	*18.9*	*19.3*	*18.1*	*16.8*
Massachusetts	49,446	50,811	13.8	12.7	12.2	12.3	11.6	11.3	11.5	11.8
Michigan	49,585	48,536	13.8	11.5	11.8	11.8	10.6	10.0	10.0	9.6
Minnesota	25,591	25,306	10.7	10.2	10.3	10.1	10.0	9.9	9.9	9.8
Mississippi	20,311	21,666	12.2	11.6	13.1	13.0	12.0	10.9	10.0	10.6
White	*8,311*	*8,961*	*9.2*	*8.8*	*10.5*	*10.3*	*9.1*	*8.6*	*8.2*	*8.8*
Colored	*12,000*	*12,705*	*15.0*	*14.3*	*15.6*	*15.5*	*14.7*	*13.1*	*11.8*	*12.4*
Missouri	43,738	42,521	12.5	11.7	12.6	12.3	11.9	12.1	12.0	11.6
Montana	5,294	5,212	9.6	9.6	10.7	10.7	10.1	9.8	9.8	9.7
Nebraska	12,922	12,924	10.0	9.3	10.0	9.8	9.6	9.3	9.3	9.3
Nevada	1,342	1,233	(2)	(2)	(2)	13.3	12.7	14.6	14.4	13.3
New Hampshire	6,329	6,491	15.2	14.4	14.0	14.1	13.0	12.7	13.5	13.8
New Jersey	42,914	43,497	12.9	11.6	11.6	11.6	10.7	10.8	10.3	10.4
New Mexico	5,968	5,824	(2)	(2)	(2)	15.4	15.5	14.4	13.8	13.4
New York	147,824	148,455	13.8	12.3	12.4	12.4	11.7	11.7	11.5	11.5
North Carolina	31,051	30,547	12.6	11.3	11.8	11.8	11.2	10.3	9.6	9.3
White	*19,513*	*19,179*	*11.2*	*9.7*	*10.4*	*10.2*	*9.6*	*8.9*	*8.5*	*8.3*
Colored	*11,538*	*11,368*	*15.9*	*14.9*	*15.1*	*15.5*	*15.1*	*13.7*	*12.1*	*11.8*
North Dakota	5,153	5,463	(2)	7.6	8.2	8.0	7.9	7.5	7.5	8.0
Ohio	76,286	73,054	12.8	11.8	12.3	12.4	11.4	11.3	11.3	10.7
Oklahoma	19,285	20,309	(2)	(2)	9.0	9.0	8.2	7.8	7.9	8.3
White	*16,716*	*17,576*	(2)	(2)	*8.7*	*8.7*	*7.8*	*7.4*	*7.7*	*8.0*
Colored	*2,569*	*2,733*	(2)	(2)	*11.4*	*12.0*	*11.2*	*10.8*	*9.4*	*9.9*
Oregon	10,277	10,450	11.7	11.0	11.3	11.3	11.0	10.6	10.6	10.6
Pennsylvania	109,204	106,109	13.8	12.6	12.6	12.3	11.6	11.5	11.2	10.8
Rhode Island	8,080	7,895	14.3	12.7	12.5	13.1	11.6	11.5	11.6	11.2
South Carolina	19,884	19,356	14.1	12.8	14.1	13.3	12.9	12.1	11.4	11.1
White	*8,599*	*8,580*	*11.4*	*9.8*	*11.3*	*10.1*	*9.8*	*9.1*	*9.0*	*8.9*
Colored	*11,285*	*10,776*	*16.6*	*16.1*	*17.4*	*17.0*	*16.6*	*15.7*	*14.4*	*13.8*
South Dakota	5,725	6,104	(2)	(2)	(2)	(2)	8.5	8.4	8.2	8.7
Tennessee	28,628	28,123	12.1	11.2	12.2	12.2	11.4	10.8	10.8	10.6
White	*20,823*	*20,404*	*10.7*	*9.6*	*10.7*	*10.7*	*9.9*	*9.5*	*9.6*	*9.4*
Colored	*7,805*	*7,719*	*18.0*	*18.1*	*19.1*	*18.7*	*18.3*	*16.7*	*16.2*	*16.0*
Texas	(2)	58,948	(2)	(2)	(2)	(2)	(2)	(2)	(2)	9.8
White	(2)	*48,545*	(2)	(2)	(2)	(2)	(2)	(2)	(2)	*9.4*
Colored	(2)	*10,403*	(2)	(2)	(2)	(2)	(2)	(2)	(2)	*11.9*
Utah	4,420	4,384	11.5	9.3	10.3	10.1	9.9	8.7	8.6	8.5
Vermont	4,753	4,621	15.7	14.4	13.6	14.7	13.0	12.5	13.2	12.8
Virginia	28,898	28,454	13.2	12.4	12.6	13.0	12.5	12.4	11.9	11.7
White	*18,272*	*18,043*	*11.3*	*10.3*	*10.6*	*11.0*	*10.5*	*10.4*	*10.2*	*10.0*
Colored	*10,626*	*10,411*	*17.6*	*17.6*	*17.9*	*18.2*	*18.0*	*17.8*	*16.4*	*16.1*
Washington	16,581	16,705	11.1	10.4	10.9	10.6	10.6	10.5	10.4	10.4
West Virginia	17,912	16,605	(2)	10.7	10.4	10.6	10.5	10.1	10.2	9.4
Wisconsin	30,321	29,513	11.2	10.5	11.0	10.7	10.4	10.2	10.2	9.9
Wyoming	2,057	1,975	(2)	9.0	9.8	9.0	9.2	8.9	9.0	8.5

[1] Includes District of Columbia (for rates see Washington, table 79); number of deaths, 1933, 7,872.
[2] Not in registration area.

Source: Bureau of the Census, Department of Commerce.

No. 78.—DEATHS: Number and Rate per 100,000 Population, in the Death Registration Area, by Important Causes[1]

Detailed Int. List No.	Cause of death	Number of deaths, 1933[2]	Registration area—rate								Registration States of 1900 (incl. D.C.)—rate					
			1900	1910	1920	1925	1930	1931	1932	1933	1900	1910	1920	1930	1932	1933
	All causes	1,342,106	1,755.0	1,496.2	1,303.8	1,184.1	1,133.1	1,107.5	1,089.3	1,067.8	1,719.5	1,562.4	1,376.0	1,152.3	1,127.1	1,122.2
1, 2	Typhoid and paratyphoid fever	4,473	35.9	23.5	7.8	8.0	4.8	4.5	3.7	3.6	31.3	18.0	4.9	1.6	1.1	1.1
7	Measles	2,813	12.5	12.3	8.8	2.3	3.2	3.0	1.6	2.2	13.4	12.6	10.3	2.6	2.0	1.7
8	Scarlet fever	2,546	10.2	11.6	4.6	2.7	1.9	2.2	2.1	2.0	9.6	12.2	5.2	1.8	2.6	2.1
9	Whooping cough	4,463	12.1	11.4	12.5	6.7	4.8	3.9	4.5	3.6	12.3	10.7	11.9	3.4	3.2	2.3
10	Diphtheria	4,937	43.3	21.4	15.3	7.8	4.9	4.8	4.5	3.9	40.4	22.5	17.3	4.3	2.5	1.8
11,107-109	Influenza and pneumonia (all forms)	120,142	203.4	162.1	208.0	123.4	102.7	107.7	107.8	95.6	202.2	174.4	209.2	97.9	99.3	93.2
11	Influenza	33,193	22.9	14.4	70.9	29.7	19.5	26.5	30.9	26.4	26.7	15.5	54.9	11.1	17.6	16.5
107	Bronchopneumonia[3]	37,209	21.9	47.1	54.5	38.7	34.3	33.6	32.6	29.6	22.8	52.6	64.8	36.7	35.8	32.8
108	Lobar pneumonia	45,740	158.6	46.4	73.0	49.9	45.4	44.5	41.2	36.4	152.7	52.4	82.4	48.6	44.7	42.7
109	Pneumonia unspecified	4,000		54.3	9.5	5.1	3.5	3.2	3.1	3.2		53.9	7.0	1.5	1.2	1.3
15	Erysipelas	2,017	5.1	4.5	3.1	2.4	2.1	1.9	1.6	1.6	5.4	4.9	3.6	2.7	1.9	2.0
18	Epidemic cerebrospinal meningitis	1,482	(4)	.4	1.6	1.1	3.6	2.4	1.4	1.2	(4)	.3	1.8	3.6	1.4	.8
23	Tuberculosis of the respiratory system	67,422	180.5	136.0	97.0	75.9	63.4	60.7	56.4	53.6	173.3	138.1	93.1	59.1	52.0	50.0
24-32	Other forms of tuberculosis	7,420	21.4	24.3	17.0	10.8	8.1	7.5	6.4	5.9	21.9	26.6	18.6	8.6	6.8	6.3
38	Malaria	4,678	7.9	2.2	3.6	2.1	2.9	2.1	2.1	3.7	6.3	1.3	.2	.1	.1	.1
45-53	Cancer and other malignant tumors	128,479	63.0	76.2	83.2	92.8	97.2	98.9	102.2	102.2	64.0	83.0	93.7	117.6	123.1	125.8
59	Diabetes mellitus	26,835	9.7	14.9	16.0	16.9	19.0	20.4	22.0	21.3	11.0	17.6	20.4	24.0	27.8	28.2
82a, c	Cerebral hemorrhage and softening	95,276	71.5	75.7	81.7	81.0	81.0	79.1	79.4	75.8	75.5	88.0	96.4	82.7	81.6	80.1
90-93, 94a, 95	Diseases of the heart[5]	258,870	132.1	158.8	159.1	185.7	205.5	201.9	209.2	206.0	137.4	180.9	197.6	253.2	258.9	261.0
106	Bronchitis	4,062	45.7	23.4	13.2	6.5	4.2	3.8	3.6	3.2	45.2	26.6	17.1	4.9	4.0	3.5
119, 120	Diarrhea and enteritis[6]	21,673	133.2	117.4	54.3	39.4	26.3	20.7	16.3	17.2	139.9	119.4	55.6	17.4	10.2	9.4
121	Appendicitis	17,717	9.7	11.4	13.4	15.2	15.3	15.2	14.2	14.1	8.8	11.1	13.2	15.8	14.6	15.2
122	Hernia, intestinal obstruction[7]	12,607	12.2	12.4	10.6	10.8	10.3	10.5	10.2	10.0	11.9	12.6	11.1	10.3	10.1	10.1
124	Cirrhosis of the liver	9,349	12.9	13.9	7.1	7.3	7.2	7.4	7.2	7.4	12.6	14.4	7.7	7.8	8.0	8.7
130-132	Nephritis	104,264	89.0	99.1	89.2	96.5	90.8	87.2	87.2	83.0	88.7	107.3	97.4	91.0	89.5	85.8
140, 142a, 145	Puerperal septicemia	4,887	5.7	7.2	6.6	5.5	4.6	4.6	4.1	3.9	5.8	6.7	6.0	3.9	3.5	3.5
141, 142b, 143, 144, 146-150	Other puerperal causes	7,998	7.6	8.5	12.5	9.3	8.2	7.3	7.0	6.4	7.6	8.4	11.5	6.7	5.9	5.5
157-161	Congenital malformations and diseases of early infancy	63,565	91.8	88.1	84.7	74.0	60.9	56.5	53.2	50.6	88.2	94.6	90.8	60.6	51.6	48.5
163-171	Suicide	19,993	11.5	16.0	10.2	12.1	15.6	16.8	17.4	15.9	10.2	15.4	10.9	16.9	19.3	17.5
172-175	Homicide	12,124	2.1	5.9	7.1	8.6	9.0	9.3	9.2	9.6	1.2	3.9	4.2	5.1	5.2	5.0
206	Automobile and railroad train collision	1,437	(4)	(4)	(4)	1.2	1.5	1.4	1.2	1.1	(4)	(4)	(4)	1.3	1.3	1.1
208	Automobile and street car collision	318	(4)	(4)	(4)	.5	.4	.4	.3	.3	(4)	(4)	(4)	.4	.2	.2
210	Automobile accidents[8]	29,323	(4)	1.8	10.4	17.1	24.5	25.2	21.9	23.3	(4)	2.0	12.1	25.0	22.5	23.3
	Other external causes	60,009	79.0	82.6	60.9	59.7	54.2	51.7	48.1	47.7	72.3	75.8	58.5	51.3	45.5	46.1

[1] See general note, p. 80. [2] Entire registration area. [3] Includes capillary bronchitis. [4] Not separately tabulated. [5] Excludes diseases of coronary arteries.
[6] Includes ulcer of the duodenum from 1900 to 1920. [7] Includes adhesions of intestines from 1900 to 1920. [8] Excludes collisions with railroad trains and street cars.

Source: Bureau of the Census, Department of Commerce.

No. 79.—DEATHS: RATE PER 1,000 ESTIMATED POPULATION, BY REGISTRATION CITIES HAVING 100,000 OR MORE INHABITANTS IN 1930

NOTE.—See general note, p. 80. Blanks indicate lack of data or unsatisfactory data

City	Rate per 1,000 population				
	1929	1928	1927	1926	1925
Akron	11.7	8.6	7.8	7.5	7.5
Albany	15.7	15.3	14.8	13.7	14.4
Atlanta	17.1	16.1	15.5	14.0	14.1
White	*14.6*	*13.0*	*11.8*	*11.1*	*10.9*
Colored	*22.3*	*24.6*	*23.2*	*19.7*	*20.4*
Baltimore	15.4	15.1	13.9	13.2	13.2
White	*14.0*	*13.5*	*12.7*	*12.1*	*12.3*
Colored	*23.3*	*23.1*	*19.6*	*18.5*	*17.2*
Birmingham	16.3	15.8	13.6	11.9	11.4
White	*12.3*	*11.7*	*10.0*	*9.3*	*9.2*
Colored	*22.6*	*22.4*	*19.3*	*16.2*	*15.0*
Boston	15.5	15.1	14.1	13.9	14.1
Bridgeport	13.0	10.6	10.9	10.4	10.8
Buffalo	14.7	13.7	12.9	12.5	12.1
Cambridge	*14.9*	*12.8*	11.8	12.1	12.3
Camden	14.9	15.1	13.4	14.4	12.9
Canton	12.6	11.6	9.7	9.4	8.6
Chattanooga	10.4	21.7	15.7	12.7	12.7
White	*15.5*	*15.1*	*12.2*	*10.2*	*10.9*
Colored	*27.6*	*28.2*	*24.8*	*19.3*	*17.4*
Chicago	12.7	11.2	10.4	9.9	10.0
Cincinnati	15.0	15.2	15.5	14.8	14.2
White	*14.3*	*14.4*	*14.5*	*14.2*	*13.6*
Colored	*23.8*	*23.5*	*23.5*	*20.0*	*20.3*
Cleveland	12.5	11.4	11.0	10.7	10.0
Columbus	*14.8*	*14.4*	15.3	13.9	13.4
White	*14.2*	*13.6*	*15.0*	*13.6*	*12.8*
Colored	*21.1*	*21.6*	*18.3*	*16.0*	*18.2*
Dallas	13.3	12.5	11.5	11.1	11.4
White	*12.0*	*11.3*	*10.2*	*9.9*	*10.3*
Colored	*20.4*	*19.6*	*18.3*	*18.3*	*17.8*
Dayton	12.2	11.0	11.0	11.8	11.9
Denver	17.4	15.1	15.0	14.8	13.5
Des Moines	------	11.2	12.0	12.4	11.4
Detroit	13.5	11.0	9.3	7.9	7.5
Duluth	10.2	11.1	11.7	11.3	10.4
Elizabeth	12.7	11.3	11.5	10.4	10.6
El Paso	23.1	19.2	17.7	14.0	13.7
White	*27.9*	------	*17.5*	*13.8*	*13.6*
Colored	*36.7*	------	*27.7*	*18.6*	*18.6*
Erie	13.7	11.8	11.2	11.1	11.0
Evansville	13.0	12.3	12.6	10.7	11.0
Fall River	14.7	13.5	11.5	11.4	13.6
Flint	11.8	7.8	8.9	7.5	7.9
Fort Wayne	13.2	11.4	11.0	10.1	9.7
Fort Worth	------	10.4	11.0	10.5	10.7
White	------	*9.9*	*10.1*	*9.3*	*9.3*
Colored	------	*13.8*	*16.5*	*15.3*	*16.5*
Gary	13.8	13.0	9.6	8.0	8.3
White	------	------	------	*7.0*	*7.0*
Colored	------	------	------	*12.4*	*13.6*
Grand Rapids	13.2	11.5	10.0	9.0	9.2
Hartford	16.5	13.5	13.6	12.2	12.2
Houston	13.5	12.8	12.2	11.2	11.1
White	*12.0*	*10.8*	*10.3*	*9.3*	*9.9*
Colored	18.2	19.4	19.1	18.4	*15.4*
Indianapolis	14.6	14.5	14.2	12.9	13.1
White	*13.8*	*13.8*	*13.5*	*12.4*	*12.6*
Colored	*21.1*	*20.1*	*19.6*	*16.6*	*16.7*
Jacksonville, Fla.	10.9	16.7	15.2	14.4	15.0
White	*14.1*	*12.7*	*11.8*	*10.5*	*11.3*
Colored	*20.3*	*22.5*	*21.0*	*21.5*	*21.9*
Jersey City	14.1	11.9	11.3	11.1	10.8
Kansas City, Kans	14.5	14.1	13.7	12.0	12.9
White	*13.5*	*12.4*	*13.1*	*12.4*	*12.3*
Colored	*20.6*	*23.5*	*16.9*	*15.7*	*16.0*
Kansas City, Mo.	16.1	13.9	13.2	12.6	12.5
White	*15.2*	*12.7*	------	*11.7*	*11.6*
Colored	*24.9*	*25.4*	------	*20.6*	*21.0*
Knoxville	17.0	14.2	14.1	12.3	11.8
White	*16.2*	*12.6*	*13.2*	*11.4*	*11.2*
Colored	*21.7*	*23.7*	*18.5*	*16.7*	*15.0*
Long Beach	12.8	11.7	10.4	10.1	9.5
Los Angeles	13.6	12.5	11.2	11.1	10.9
White	*13.4*	*12.4*	------	*11.1*	*10.9*
Colored	*17.1*	*14.0*	------	*11.5*	*11.2*
Louisville	15.0	14.3	14.3	13.7	13.2
White	*13.6*	*12.9*	*12.6*	*12.5*	*11.9*
Colored	*21.9*	*23.1*	*23.2*	*20.3*	*20.2*
Lowell	15.8	14.6	13.2	12.9	13.3

City	Rate per 1,000 population				
	1929	1928	1927	1926	1925
Lynn	12.8	11.6	10.3	10.1	10.0
Memphis	19.8	18.5	17.3	16.8	16.7
White	*15.6*	*13.8*	*13.5*	*13.0*	*13.3*
Colored	*26.8*	*26.2*	*23.5*	*22.0*	*23.0*
Miami	15.0	------	11.1	11.6	11.5
White	*12.5*	------	*9.9*	*10.4*	*10.2*
Colored	*20.7*	------	*15.2*	*15.6*	*15.7*
Milwaukee	11.7	10.6	9.6	8.8	8.2
Minneapolis	12.3	11.7	10.8	10.9	10.6
Nashville	18.1	17.0	16.3	15.5	15.3
White	*15.5*	*14.1*	*13.7*	*13.9*	*13.7*
Colored	*24.0*	*24.1*	*23.1*	*19.8*	*19.5*
Newark, N. J.	12.9	12.4	11.9	10.5	11.0
New Bedford	14.4	12.0	11.0	11.0	11.8
New Haven	14.6	13.4	13.0	12.5	12.9
New Orleans	17.6	18.7	17.4	16.6	16.0
White	*14.5*	*14.7*	*14.4*	*14.0*	*13.3*
Colored	*26.2*	*29.0*	*26.1*	*22.9*	*22.6*
New York	12.9	11.4	10.8	10.5	10.5
Bronx Boro	10.4	8.1	7.9	8.0	8.1
Brooklyn Boro	12.5	10.8	9.8	9.7	9.7
Manhattan Boro	14.4	14.5	16.0	15.5	15.6
Queens Boro	11.0	8.8	7.1	6.9	6.8
Richmond Boro	15.0	13.4	13.8	14.1	14.3
Norfolk	15.5	12.9	13.6	12.9	13.0
White	*12.1*	*9.3*	*10.1*	*10.2*	*9.8*
Colored	*21.1*	*19.6*	*20.4*	*18.0*	*19.1*
Oakland	11.8	10.2	11.1	10.7	10.5
Oklahoma City	11.9	8.4	11.2	10.6	10.2
Omaha	14.4	13.8	13.1	12.6	12.1
Paterson	12.8	12.5	12.0	12.4	12.4
Peoria	15.1	12.3	12.3	11.1	10.6
Philadelphia	14.5	13.8	12.5	12.1	12.1
White	*14.0*	*13.1*	*12.1*	*11.7*	*11.8*
Colored	*20.2*	*20.2*	*16.1*	*14.7*	*14.4*
Pittsburgh	16.4	15.0	13.9	12.8	11.0
Portland, Oreg.	12.2	11.9	12.1	11.2	11.4
Providence	15.5	13.5	12.9	13.0	12.3
Reading	14.4	13.4	11.1	11.9	10.9
Richmond	16.5	15.4	14.9	14.2	13.8
White	*13.4*	*12.7*	*12.3*	*11.3*	*11.7*
Colored	*23.3*	*21.8*	*21.4*	*20.2*	*19.0*
Rochester	12.7	12.2	11.5	11.7	11.3
St. Louis	14.1	14.2	13.9	13.3	12.7
White	*13.5*	*13.1*	*13.1*	*12.4*	*11.9*
Colored	*19.9*	*23.4*	*20.7*	*20.4*	*18.5*
St. Paul	12.5	12.3	10.6	10.8	10.4
Salt Lake City	14.3	11.8	12.9	11.1	10.6
San Antonio	16.2	15.2	16.0	14.4	14.3
White	*16.1*	*15.0*	*15.7*	*14.3*	*14.3*
Colored	*18.8*	*17.2*	*19.7*	*16.1*	*15.2*
San Diego	17.0	15.0	14.5	14.4	13.9
San Francisco	14.2	12.9	13.0	12.7	12.5
Scranton	14.9	13.9	12.8	12.9	13.1
Seattle	10.7	9.8	10.9	11.2	11.1
Somerville	12.0	11.2	9.7	8.8	9.3
South Bend	12.7	11.0	9.1	7.7	7.7
Spokane	14.1	12.4	12.5	11.5	11.9
Springfield, Mass.	13.1	12.7	11.8	11.1	11.2
Syracuse	15.2	12.2	11.7	11.8	11.2
Tacoma	12.9	12.3	12.8	12.8	13.1
Tampa	13.4	14.6	11.6	11.3	11.5
White	*11.2*	*12.1*	*10.4*	*10.6*	*10.1*
Colored	*20.8*	*24.2*	*15.9*	*13.8*	*16.5*
Toledo	13.9	13.0	12.6	11.6	11.6
Trenton	15.8	15.4	15.3	14.2	13.3
Tulsa	------	------	9.9	8.3	8.4
White	------	------	*9.2*	*8.0*	*7.9*
Colored	------	------	*15.4*	*10.5*	*11.5*
Utica	14.7	15.2	14.8	14.9	14.0
Washington, D. C.	14.7	15.1	15.1	16.1	15.9
White	*12.7*	*12.5*	*12.9*	*14.0*	*13.3*
Colored	*20.6*	*22.2*	*21.0*	*21.6*	*22.8*
Wichita	15.0	11.8	11.9	9.9	9.3
Wilmington, Del.	14.2	13.3	14.6	14.0	14.7
White	*13.2*	*12.5*	*13.6*	*13.3*	*13.8*
Colored	*23.0*	*20.0*	*23.1*	*19.2*	*21.7*
Worcester	14.8	13.5	12.8	12.1	12.6
Yonkers	11.3	9.6	8.4	8.6	8.6
Youngstown	13.0	11.8	10.5	9.6	9.1

Source: Bureau of the Census, Department of Commerce.

No. 80.—BIRTHS, DEATHS, AND DEATHS UNDER 1 YEAR OF AGE IN THE BIRTH REGISTRATION AREA: BY SEX

NOTE.—See general note, p. 80

Year	Entire area								
	Population of registration area [1]	Per cent of U. S. total population	Per cent of U. S. total area	Births			Deaths		
				Total	Males	Females	Total	Males	Females
1915	30,936,179	31.1	9.8	776,304	398,615	377,689	436,593	234,871	201,722
1917	54,771,416	53.6	26.7	1,353,792	696,101	657,691	776,222	423,359	352,863
1918	55,515,241	53.6	26.7	1,363,649	701,164	662,485	996,027	534,720	461,907
1919	61,488,423	58.6	36.2	1,373,438	705,593	667,845	798,104	422,252	375,852
1920	63,740,689	59.8	38.7	1,508,874	775,322	733,552	836,134	438,201	397,933
1921	70,738,177	65.4	40.7	1,714,261	881,591	832,670	825,511	434,019	391,492
1922	79,415,841	72.3	50.7	1,774,911	911,831	863,080	938,545	497,967	440,578
1923	80,694,406	72.3	50.7	1,792,646	921,020	871,626	992,237	528,429	463,808
1924	86,259,025	76.2	56.8	1,930,614	992,431	938,183	1,006,994	542,637	464,357
1925	87,486,096	76.2	56.6	1,878,880	966,973	911,907	1,030,518	555,267	475,251
1926	89,682,479	77.0	63.2	1,856,068	953,638	902,430	1,093,511	589,653	503,858
1927	103,575,556	87.6	72.0	2,137,836	1,099,287	1,038,549	1,176,805	638,080	538,725
1928	113,050,663	94.3	80.8	2,233,140	1,147,625	1,085,524	1,361,987	738,891	623,096
1929	115,097,972	94.7	88.6	2,169,920	1,114,814	1,055,106	1,369,757	745,491	624,266
1930	116,844,000	94.7	88.6	2,203,958	1,131,976	1,071,982	1,321,367	723,315	598,052
1931	117,460,000	94.7	88.6	2,112,760	1,084,404	1,028,356	1,301,405	714,277	587,128
1932	118,858,000	95.2	91.2	2,074,042	1,063,885	1,010,157	1,293,269	704,506	588,763
1933	125,693,000	100.0	100.0	2,081,232	1,068,871	1,012,361	1,342,106	737,312	604,794

Year	Entire area—Continued					Area as of 1917 [2]	
	Excess of births over deaths	Rates per 1,000 of total population			Number of males per 1,000 females	Rates per 1,000 of total population	
		Births	Deaths	Excess of births	Among births	Among deaths	Births	Deaths
1915	339,711	25.1	14.1	11.0	1,055	1,164		
1917	577,570	24.7	14.2	10.5	1,058	1,200	24.7	14.2
1918	367,022	24.6	18.3	6.3	1,058	1,158	24.5	17.9
1919	575,334	22.3	13.0	9.3	1,057	1,123	22.6	12.9
1920	672,740	23.7	13.1	10.6	1,057	1,101	23.9	13.2
1921	888,750	24.2	11.7	12.5	1,059	1,109	24.5	11.7
1922	836,366	22.3	11.8	10.5	1,056	1,130	22.8	11.0
1923	800,409	22.2	12.3	9.9	1,057	1,139	22.8	12.5
1924	923,620	22.4	11.7	10.7	1,058	1,169	22.9	11.8
1925	848,362	21.5	11.8	9.7	1,060	1,108	21.9	12.0
1926	762,557	20.7	12.2	8.5	1,057	1,170	21.0	12.4
1927	961,031	20.6	11.4	9.2	1,058	1,184	20.8	11.5
1928	871,152	19.8	12.0	7.8	1,057	1,186	20.0	12.2
1929	800,103	18.9	11.9	7.0	1,057	1,194	19.0	12.1
1930	882,591	18.9	11.3	7.6	1,056	1,209	18.9	11.5
1931	811,355	18.0	11.1	6.9	1,055	1,217	17.8	11.2
1932	780,773	17.4	10.9	6.5	1,053	1,197	17.3	11.1
1933	739,126	16.6	10.7	5.9	1,056	1,219	16.2	10.9

Year	Deaths under 1 year of age in entire birth registration area						
	Number			Deaths per 1,000 births			Number of male deaths per 1,000 female deaths
	Total	Males	Females	Among total	Among males	Among females	
1915	77,572	43,818	33,754	100	110	88	1,298
1920	129,531	73,737	55,794	86	95	76	1,322
1925	134,652	76,902	57,750	72	80	63	1,332
1926	136,118	77,366	58,752	73	81	65	1,317
1927	138,017	78,652	59,365	65	72	57	1,325
1928	153,492	87,676	65,816	69	76	61	1,332
1929	146,601	83,144	63,517	68	75	60	1,309
1930	142,413	80,744	61,669	65	71	58	1,309
1931	130,134	74,056	56,078	62	68	55	1,321
1932	119,431	67,839	51,592	58	64	51	1,315
1933	120,887	68,331	52,556	58	64	52	1,300

[1] Midyear estimates.

[2] Exclusive of Rhode Island.

Source: Bureau of the Census, Department of Commerce.

No. 81.—BIRTHS AND EXCESS OF BIRTHS OVER DEATHS: BY STATES

NOTE.—See general note, p. 80. For number of deaths in each State see table 77; for number in entire birth registration area see table 80

Area	Number of births					Excess of births over deaths [1]			
	1920	1925	1930	1932	1933	1925	1930	1932	1933
Total birth registration area	1,508,874	1,878,880	2,203,958	2,074,042	2,081,232	848,362	882,591	780,773	739,126
White	1,395,523	1,731,669	1,953,163	1,822,425	1,823,512	803,481	821,605	690,955	661,114
Colored	113,351	147,211	250,795	251,617	257,720	44,881	60,986	80,818	78,012
Cities in birth registration area	763,209	964,302	1,080,674	966,714	943,054	408,352	385,971	293,372	249,807
Rural part of birth registration area	745,665	914,578	1,123,284	1,107,328	1,138,178	440,010	496,620	487,401	489,319
Alabama	(2)	(2)	63,757	62,939	59,338	(2)	33,335	35,259	32,234
White	(2)	(2)	*40,782*	*39,381*	*36,358*	(2)	*24,772*	*24,510*	*21,733*
Colored	(2)	(2)	*22,975*	*23,558*	*22,980*	(2)	*8,563*	*10,749*	*10,501*
Arizona	(2)	(2)	10,376	8,523	8,125	(2)	3,697	3,101	2,586
Arkansas	(2)	(2)	41,093	37,450	35,800	(2)	22,143	21,135	19,203
White	(2)	(2)	*32,009*	*28,691*	*27,706*	(2)	*19,524*	*17,458*	*16,169*
Colored	(2)	(2)	*9,084*	*8,759*	*8,094*	(2)	*2,619*	*3,697*	*3,034*
California	67,199	85,204	84,206	78,093	75,036	28,404	17,957	10,413	7,000
White	*60,739*	*78,362*	*79,568*	*73,581*	*70,812*	*24,610*	*16,615*	*9,803*	*6,067*
Colored	*6,460*	*6,842*	*4,638*	*4,512*	*4,224*	*3,794*	*1,342*	*1,210*	*933*
Colorado	(2)	(2)	18,814	17,613	17,180	(2)	5,607	5,014	5,219
Connecticut	34,096	29,736	27,693	23,731	22,437	12,056	10,406	6,769	4,993
Delaware	(2)	4,674	4,474	4,204	3,922	1,559	1,218	1,116	613
District of Columbia	8,823	9,107	9,376	10,157	9,955	2,092	1,989	2,220	2,083
White	*6,319*	*6,245*	*6,324*	*6,810*	*6,519*	*1,952*	*1,729*	*1,809*	*1,769*
Colored	*2,504*	*2,862*	*3,052*	*3,347*	*3,436*	*140*	*260*	*411*	*314*
Florida	(2)	29,403	26,993	27,402	25,666	12,541	8,764	9,114	6,907
White	(2)	*20,160*	*18,602*	*18,875*	*17,608*	*10,000*	*7,555*	*7,558*	*6,088*
Colored	(2)	*9,243*	*8,391*	*8,527*	*8,058*	*2,541*	*1,209*	*1,526*	*869*
Georgia	(2)	(2)	60,689	63,717	60,984	(2)	25,506	31,589	29,790
White	(2)	(2)	*37,285*	*38,241*	*35,878*	(2)	*19,292*	*21,423*	*19,018*
Colored	(2)	(2)	*23,404*	*25,476*	*25,106*	(2)	*6,214*	*10,166*	*10,772*
Idaho	(2)	(2)	9,177	8,732	8,557	(2)	5,006	4,790	4,501
Illinois	(2)	135,437	128,121	111,512	107,910	53,844	44,530	28,332	25,397
Indiana	64,809	64,342	59,278	53,073	50,480	25,710	20,082	14,317	12,471
Iowa	(2)	47,760	42,733	40,459	39,575	23,466	16,505	14,673	13,910
Kansas	39,632	35,716	33,707	31,700	30,755	18,135	14,202	12,188	11,142
Kentucky	62,888	63,507	59,262	59,505	55,325	35,120	29,700	30,446	26,805
White	*58,747*	*59,088*	*55,881*	*56,195*	*52,082*	*35,352*	*31,069*	*31,366*	*27,752*
Colored	*4,141*	*4,419*	*3,381*	*3,310*	*3,243*	*—232*	*—1,369*	*—920*	*—947*
Louisiana	(2)	(2)	42,890	43,298	39,748	(2)	18,183	19,987	16,936
White	(2)	(2)	*26,166*	*25,606*	*23,246*	(2)	*13,543*	*13,094*	*11,108*
Colored	(2)	(2)	*16,724*	*17,692*	*16,502*	(2)	*4,640*	*6,893*	*5,828*
Maine	17,328	17,453	16,199	16,129	15,123	6,661	5,117	5,410	4,021
Maryland	36,212	33,864	30,251	28,820	27,440	12,236	8,684	7,782	6,830
White	*29,458*	*27,124*	*23,834*	*22,477*	*21,288*	*10,981*	*7,581*	*6,522*	*5,432*
Colored	*6,760*	*6,740*	*6,417*	*6,343*	*6,152*	*1,255*	*1,103*	*1,260*	*1,398*
Massachusetts	91,692	86,037	73,616	68,534	63,445	34,316	24,283	*19,088*	12,634
Michigan	92,740	99,220	99,325	85,736	80,923	49,801	47,705	38,151	32,387
Minnesota	55,909	53,776	47,418	46,377	44,514	28,340	21,716	20,786	19,208
Mississippi	(2)	45,155	48,163	46,273	44,274	23,002	24,064	25,962	22,608
White	(2)	*22,083*	*25,296*	*21,793*	*20,607*	*13,865*	*14,138*	*13,482*	*11,546*
Colored	(2)	*23,072*	*24,867*	*24,480*	*23,767*	*9,137*	*9,926*	*12,480*	*11,062*
Missouri	(2)	(2)	62,166	59,949	57,277	(2)	19,067	16,211	14,756
Montana	(2)	10,234	9,971	9,091	8,953	5,046	4,531	3,707	3,741
Nebraska	30,911	29,233	27,004	25,159	24,185	16,740	13,712	12,237	11,261
Nevada	(2)	(2)	1,332	1,260	1,353	(2)	172	—82	120
New Hampshire	9,946	9,407	8,342	7,808	7,885	2,844	2,020	1,479	894
New Jersey	(2)	74,181	68,321	61,219	56,061	31,989	24,724	18,305	12,564
New Mexico	(2)	(2)	12,115	12,391	12,304	(2)	5,519	6,423	6,480
New York	235,243	229,717	216,072	198,431	187,158	37,217	68,619	50,607	38,703
North Carolina	81,407	83,716	76,772	77,902	75,422	*51,168*	40,990	*40,851*	*44,875*
White	*57,054*	*57,681*	*53,462*	*53,702*	*51,549*	*37,979*	*31,856*	*34,189*	*32,370*
Colored	*24,353*	*26,035*	*23,310*	*24,200*	*23,873*	*13,189*	*9,155*	*12,662*	*12,505*
North Dakota	(2)	14,471	14,783	14,047	13,189	9,426	9,412	8,894	7,726
Ohio	123,729	126,878	118,260	101,753	95,783	53,271	42,034	25,467	22,729
Oklahoma	(2)	(2)	42,505	41,039	43,697	(2)	22,859	21,754	23,388
White	(2)	(2)	*39,468*	*37,683*	*40,805*	(2)	*22,806*	*20,967*	*22,729*
Colored	(2)	(2)	*3,037*	*3,356*	*3,392*	(2)	*54*	*787*	*659*
Oregon	14,942	15,486	13,468	12,847	12,223	5,857	2,925	2,570	1,773
Pennsylvania	220,462	215,120	189,458	168,534	157,046	99,375	77,852	59,330	50,037
Rhode Island	(2)	14,400	12,191	11,171	10,352	6,174	4,185	3,091	2,457
South Carolina	47,777	(2)	40,460	41,518	40,319	(2)	18,027	21,634	20,963
White	*23,813*	(2)	*20,057*	*20,072*	*19,608*	(2)	*10,786*	*11,473*	*11,023*
Colored	*23,964*	(2)	*20,403*	*21,446*	*20,711*	(2)	*7,241*	*10,161*	*9,935*
South Dakota	(2)	(2)	(2)	13,241	12,859	(2)	(2)	7,516	6,755
Tennessee	(2)	(2)	52,652	52,491	50,148	(2)	22,665	23,863	22,025
White	(2)	(2)	*44,546*	*44,406*	*42,291*	(2)	*23,309*	*25,583*	*21,887*
Colored	(2)	(2)	*8,106*	*8,085*	*7,857*	(2)	*—644*	*280*	*138*

[1] A minus sign indicates an excess of deaths over births. [2] Not in the birth registration area.

No. 81.—Births and Excess of Births Over Deaths: By States—Con.

Area	Number of births					Excess of births over deaths [1]			
	1920	1925	1930	1932	1933	1925	1930	1932	1933
Texas	(2)	(2)	(2)	(2)	107,950	(2)	(2)	(2)	49,002
White	(2)	(2)	(2)	(2)	*94,344*	(2)	(2)	(2)	*45,799*
Colored	(2)	(2)	(2)	(2)	*13,606*	(2)	(2)	(2)	*3,203*
Utah	14,157	13,735	12,946	11,974	11,910	9,251	7,882	7,554	7,526
Vermont	7,409	7,509	6,934	6,030	6,131	2,372	2,247	1,277	1,510
Virginia	65,794	61,193	54,703	54,582	51,254	31,850	24,388	25,684	22,800
White	*45,229*	*42,407*	*38,972*	*38,515*	*35,784*	*24,884*	*20,879*	*20,243*	*17,741*
Colored	*20,565*	*18,786*	*15,731*	*16,067*	*15,470*	*6,966*	*4,009*	*5,441*	*5,059*
Washington	27,072	24,741	23,019	21,370	20,882	9,461	6,341	4,708	4,177
West Virginia	(2)	45,311	41,614	38,803	36,263	28,157	23,394	20,891	19,658
Wisconsin	58,697	57,324	56,788	53,107	50,400	27,944	26,235	22,786	20,896
Wyoming	(2)	4,833	4,471	4,249	4,207	2,937	2,392	2,192	2,232

[1] A minus sign indicates an excess of deaths over births. [2] Not in the birth registration area.

Source: Bureau of the Census, Department of Commerce.

No. 82.—Births, Deaths, and Excess of Births Over Deaths: Rates per 1,000 Population in the Birth Registration Area

Note.—See general note, p. 80

Area	1920	1925	1926	1927	1928	1929	1930	1931	1932	1933
Total birth registration area:										
Births	23.7	21.5	20.7	20.6	19.8	18.9	18.9	18.0	17.4	16.6
Deaths	13.1	11.8	12.2	11.4	12.0	11.9	11.3	11.1	10.9	10.7
Excess	10.6	9.7	8.5	9.2	7.8	7.0	7.6	6.9	6.5	5.9
White:										
Births	23.4	21.2	20.4	20.4	19.5	18.6	18.6	17.7	17.0	16.1
Deaths	12.7	11.4	11.8	10.9	11.5	11.3	10.8	10.6	10.5	10.3
Excess	10.7	9.8	8.6	9.5	8.0	7.3	7.8	7.1	6.5	5.8
Colored:										
Births	26.9	25.4	24.9	23.6	22.2	21.3	21.5	20.9	21.3	20.2
Deaths	18.3	17.6	18.1	16.5	17.1	16.9	16.3	15.5	14.5	14.1
Excess	8.6	7.8	6.8	7.1	5.1	4.4	5.2	5.4	6.8	6.1
Cities:										
Births	23.9	21.9	21.2	21.0	20.1	19.4	19.1	17.5	16.7	15.6
Deaths	14.0	12.7	13.1	12.4	13.3	13.0	12.3	11.9	11.6	11.5
Excess	9.9	9.2	8.1	8.6	6.8	6.4	6.8	5.6	5.1	4.1
Rural:										
Births	23.5	21.0	20.2	20.3	19.5	18.4	18.7	18.4	18.1	17.4
Deaths	12.2	10.9	11.3	10.4	11.0	10.9	10.5	10.3	10.2	9.9
Excess	11.3	10.1	8.9	9.9	8.5	7.5	8.2	8.1	7.9	7.5

Source: Bureau of the Census, Department of Commerce.

No. 83.—Births and Excess of Births Over Deaths: Rates per 1,000 Population, by States

Note.—See general note, p. 80

Area	Births per 1,000 population								Excess of births over deaths per 1,000 population [1]				
	1920	1925	1928	1929	1930	1931	1932	1933	1925	1929	1930	1932	1933
Total birth registration area	23.7	21.5	19.8	18.9	18.9	18.0	17.4	16.6	9.7	7.0	7.6	6.5	5.9
White	23.4	21.2	19.5	18.6	18.6	17.7	17.0	16.1	9.8	7.3	7.8	6.5	5.8
Colored	26.9	25.4	22.2	21.3	21.5	20.9	21.3	20.2	7.8	4.4	5.2	6.8	6.1
Cities in birth registration area	23.9	21.9	20.1	19.4	19.1	17.5	16.7	15.6	9.2	6.4	6.8	5.1	4.1
Rural part of birth registration area	23.5	21.0	19.5	18.4	18.7	18.4	18.1	17.4	10.1	7.5	8.2	7.9	7.5
Alabama	(2)	(2)	24.5	24.0	24.0	23.5	23.5	22.0	(2)	11.6	12.5	13.2	12.0
White	(2)	(2)	*24.8*	*24.2*	*23.9*	*23.2*	*22.3*	*20.3*	(2)	*14.0*	*14.5*	*14.2*	*12.4*
Colored	(2)	(2)	*23.9*	*23.5*	*24.3*	*24.1*	*24.8*	*24.1*	(2)	*7.3*	*9.1*	*11.5*	*11.0*
Arizona	(2)	(2)	21.4	22.4	23.7	21.1	19.0	17.9	(2)	8.5	8.5	6.9	5.7
Arkansas	(2)	(2)	20.8	20.2	22.1	22.0	20.1	19.1	(2)	9.7	11.9	11.4	10.2
White	(2)	(2)	*21.0*	*21.0*	*23.2*	*22.3*	*20.7*	*19.9*	(2)	*11.6*	*14.1*	*12.6*	*11.6*
Colored	(2)	(2)	*17.3*	*17.3*	*18.9*	*19.3*	*18.2*	*16.9*	(2)	*4.0*	*5.4*	*7.7*	*6.4*

[1] A minus sign indicates an excess of deaths over births. [2] Not in the birth registration area.

No. 83.—Births and Excess of Births Over Deaths: Rates per 1,000 Population, by States—Continued

Area	Births per 1,000 population								Excess of births over deaths per 1,000 population[1]				
	1920	1925	1928	1929	1930	1931	1932	1933	1925	1929	1930	1932	1933
California	19.0	18.4	15.8	14.8	14.7	13.9	13.1	12.4	6.1	2.9	3.1	1.7	1.2
White	*18.0*	*17.7*	*15.6*	*14.7*	*14.6*	*13.8*	*13.0*	*12.3*	*5.5*	*2.9*	*3.1*	*1.6*	*1.1*
Colored	*38.6*	*31.2*	*19.3*	*17.2*	*17.1*	*17.2*	*16.0*	*14.7*	*17.3*	*4.7*	*4.9*	*4.3*	*3.3*
Colorado	(2)	(2)	18.8	17.4	18.1	17.7	16.8	16.3	(2)	4.9	5.4	4.8	4.9
Connecticut	24.5	19.8	18.0	17.1	17.2	15.7	14.5	13.6	8.0	5.6	6.5	4.1	3.0
Delaware	(2)	20.2	18.3	18.1	18.7	17.7	17.9	16.3	6.7	4.9	5.1	4.7	3.6
District of Columbia	20.1	19.6	18.7	18.4	19.2	19.0	20.6	20.1	4.5	3.0	4.1	4.5	4.2
White	*19.3*	*18.3*	*17.5*	*17.0*	*17.8*	*17.9*	*19.1*	*18.2*	*5.7*	*4.0*	*4.9*	*5.1*	*4.9*
Colored	*22.4*	*23.3*	*21.8*	*23.2*	*23.9*	*22.1*	*24.6*	*25.1*	*1.1*	*.5*	*1.9*	*3.0*	*2.8*
Florida	(2)	23.8	21.5	18.8	18.2	18.0	17.9	16.5	10.2	6.1	5.9	5.9	4.4
White	(2)	*23.7*	*21.3*	*18.2*	*17.8*	*17.6*	*17.4*	*16.0*	*11.8*	*7.4*	*7.2*	*7.0*	*5.6*
Colored	(2)	*24.0*	*22.0*	*20.1*	*19.3*	*19.0*	*19.2*	*17.9*	*6.6*	*3.0*	*2.8*	*3.6*	*2.0*
Georgia	(2)	(2)	20.3	20.1	20.9	21.2	21.9	20.9	(2)	7.9	8.8	10.9	10.2
White	(2)	(2)	*20.5*	*19.6*	*20.3*	*20.8*	*20.6*	*19.3*	(2)	*9.6*	*10.5*	*11.5*	*10.2*
Colored	(2)	(2)	*20.0*	*21.1*	*21.9*	*22.9*	*24.1*	*23.9*	(2)	*5.3*	*5.8*	*9.6*	*10.2*
Idaho	(2)	(2)	20.5	19.8	20.6	20.3	19.5	19.1	(2)	10.6	11.2	10.7	10.0
Illinois	(2)	19.1	17.4	17.0	16.7	15.4	14.4	13.8	7.6	5.4	5.8	3.7	3.3
Indiana	22.0	20.8	18.9	18.3	18.3	17.2	16.2	15.3	8.3	5.6	6.2	4.4	3.8
Iowa	(2)	19.6	17.6	17.1	17.3	16.9	16.3	15.9	9.6	6.7	6.7	5.9	5.6
Kansas	22.3	20.1	18.2	17.4	17.9	17.4	16.7	16.2	9.9	7.0	7.5	6.4	5.9
Kentucky	25.9	25.2	23.0	21.7	22.6	21.7	22.6	20.9	13.9	9.7	11.3	11.6	10.1
White	*26.8*	*25.8*	*23.7*	*22.3*	*23.4*	*22.4*	*23.3*	*21.6*	*15.4*	*11.2*	*13.0*	*13.0*	*11.5*
Colored	*17.6*	*19.2*	*16.1*	*15.6*	*15.0*	*14.4*	*14.7*	*14.5*	*−1.0*	*−5.7*	*−6.0*	*−4.1*	*−4.2*
Louisiana	(2)	(2)	20.5	20.3	20.3	20.4	20.3	18.5	(2)	8.4	8.6	9.4	7.8
White	(2)	(2)	*20.1*	*19.7*	*19.7*	*19.6*	*19.0*	*17.1*	(2)	*10.0*	*10.2*	*9.7*	*8.2*
Colored	(2)	(2)	*21.1*	*21.2*	*21.4*	*21.7*	*22.5*	*20.8*	(2)	*5.5*	*5.9*	*8.8*	*6.9*
Maine	22.5	22.3	20.8	20.0	20.3	20.4	20.1	18.9	8.5	5.7	6.4	6.7	5.1
Maryland	24.8	21.9	19.9	18.5	18.5	17.5	17.4	16.5	7.9	5.0	5.3	4.7	4.1
White	*24.3*	*21.1*	*19.0*	*17.5*	*17.6*	*16.5*	*16.4*	*15.4*	*8.5*	*5.1*	*5.6*	*4.8*	*3.9*
Colored	*27.4*	*25.7*	*24.3*	*23.4*	*23.1*	*22.3*	*22.6*	*21.7*	*4.8*	*4.5*	*4.2*	*4.5*	*4.9*
Massachusetts	23.7	21.2	18.9	17.5	17.3	16.2	15.9	14.7	8.5	5.2	5.7	4.4	2.9
Michigan	24.9	23.1	21.1	20.8	20.4	18.4	17.2	16.0	11.6	9.0	9.8	7.2	6.4
Minnesota	23.3	21.7	19.5	18.3	18.5	18.2	17.9	17.2	11.5	8.2	8.5	8.0	7.4
Mississippi	(2)	23.7	24.4	22.9	23.9	22.3	22.7	21.6	12.1	9.9	11.9	12.7	11.0
White	(2)	*23.7*	*24.3*	*22.3*	*23.2*	*21.5*	*21.5*	*20.0*	*14.9*	*12.0*	*14.1*	*15.3*	*11.2*
Colored	(2)	*23.6*	*24.6*	*23.4*	*24.5*	*23.1*	*24.0*	*23.2*	*9.3*	*7.9*	*9.8*	*12.2*	*10.8*
Missouri	(2)	(2)	17.6	16.9	17.1	16.7	16.4	15.6	(2)	4.6	5.2	4.4	4.0
Montana	(2)	18.9	18.5	18.7	18.5	17.9	16.9	16.7	9.3	8.0	8.4	7.1	7.0
Nebraska	23.8	21.8	20.5	19.4	19.6	19.2	18.1	17.4	12.5	9.6	10.0	8.8	8.1
Nevada	(2)	(2)	(2)	14.2	14.6	13.3	13.5	14.5	(2)	.9	1.9	−.9	1.2
New Hampshire	22.4	20.7	18.8	17.6	17.9	16.6	16.7	15.7	6.3	3.5	4.3	3.2	1.9
New Jersey	(2)	20.4	18.0	17.2	16.8	15.6	14.8	13.4	8.8	5.6	6.1	4.5	3.0
New Mexico	(2)	(2)	(2)	27.1	28.5	28.8	28.7	28.4	(2)	11.7	13.0	14.9	15.0
New York	22.4	19.9	18.3	17.5	17.1	16.1	15.4	14.4	7.6	5.1	5.4	3.9	2.9
North Carolina	31.4	29.0	26.4	24.7	24.1	23.3	24.0	23.0	17.7	12.9	12.9	14.4	13.7
White	*31.6*	*28.5*	*25.8*	*24.2*	*23.8*	*22.9*	*23.5*	*22.3*	*18.8*	*14.0*	*14.2*	*16.0*	*14.0*
Colored	*31.1*	*30.2*	*27.7*	*25.9*	*24.8*	*24.2*	*25.3*	*24.3*	*15.3*	*10.4*	*9.7*	*13.2*	*13.0*
North Dakota	(2)	21.8	22.2	21.6	21.7	21.1	20.5	19.2	14.2	13.6	13.8	13.0	11.2
Ohio	21.3	20.3	18.5	17.7	17.7	16.1	15.1	14.1	8.5	5.8	6.3	3.8	3.4
Oklahoma	(2)	(2)	18.4	16.8	17.7	17.9	16.8	17.8	(2)	7.8	9.6	8.9	9.5
White	(2)	(2)	*19.5*	*17.7*	*18.5*	*18.5*	*17.4*	*18.5*	(2)	*9.0*	*10.7*	*9.7*	*10.5*
Colored	(2)	(2)	*9.9*	*9.0*	*11.4*	*12.9*	*12.3*	*12.3*	(2)	*−3.0*	*.2*	*2.9*	*2.4*
Oregon	18.9	17.7	15.2	14.1	14.1	13.7	13.2	12.4	6.7	2.8	3.1	2.6	1.8
Pennsylvania	25.2	23.4	21.2	19.8	19.6	18.4	17.3	16.0	10.8	7.5	8.0	6.1	5.2
Rhode Island	(2)	22.2	19.3	18.0	17.7	16.3	16.0	14.7	9.5	4.9	6.1	4.4	3.5
South Carolina	28.3	(2)	25.0	22.7	23.3	22.7	23.8	23.1	(2)	9.4	10.4	12.4	12.0
White	*28.0*	(2)	*23.4*	*20.9*	*21.2*	*20.2*	*20.9*	*20.3*	(2)	*10.8*	*11.4*	*11.9*	*11.4*
Colored	*27.8*	(2)	*26.9*	*24.9*	*26.7*	*26.7*	*27.3*	*26.5*	(2)	*7.9*	*9.1*	*12.9*	*12.7*
South Dakota	(2)	(2)	(2)	(2)	(2)	(2)	18.9	18.3	(2)	(2)	(2)	10.7	9.6
Tennessee	(2)	(2)	10.6	19.5	20.1	19.8	19.8	18.8	(2)	7.3	8.7	9.0	8.2
White	(2)	(2)	*20.2*	*20.0*	*20.8*	*20.5*	*20.5*	*19.4*	(2)	*9.3*	*10.9*	*10.9*	*10.0*
Colored	(2)	(2)	*16.3*	*17.1*	*17.0*	*16.4*	*16.8*	*16.3*	(2)	*−1.6*	*−1.3*	*.6*	*.3*
Texas	(2)	(2)	(2)	(2)	(2)	(2)	(2)	17.9	(2)	(2)	(2)	(2)	8.1
White	(2)	(2)	(2)	(2)	(2)	(2)	(2)	*18.3*	(2)	(2)	(2)	(2)	*8.9*
Colored	(2)	(2)	(2)	(2)	(2)	(2)	(2)	*16.5*	(2)	(2)	(2)	(2)	*3.6*
Utah	31.3	28.6	26.0	24.6	25.4	23.5	23.3	23.0	19.3	14.5	15.5	14.7	14.5
Vermont	21.0	21.1	19.6	18.7	19.3	18.5	16.8	17.0	6.7	4.0	6.3	3.6	4.2
Virginia	28.4	25.8	23.5	22.4	22.6	21.7	22.4	21.0	13.4	9.4	10.1	10.5	9.3
White	*27.3*	*24.9*	*22.9*	*21.7*	*22.0*	*21.2*	*21.5*	*19.9*	*14.6*	*10.7*	*11.5*	*11.3*	*9.9*
Colored	*29.8*	*28.0*	*25.2*	*24.2*	*24.2*	*23.1*	*24.9*	*24.0*	*10.4*	*6.0*	*6.2*	*8.5*	*7.9*
Washington	19.8	16.9	15.2	14.6	14.7	14.0	13.5	13.1	6.5	4.0	4.1	3.1	2.7
West Virginia	(2)	28.2	25.8	23.8	24.0	22.5	22.0	20.4	17.5	13.2	13.5	11.8	11.0
Wisconsin	22.2	20.5	19.9	19.0	19.3	18.4	17.8	16.8	10.0	8.3	8.9	7.6	6.9
Wyoming	(2)	22.9	20.4	19.8	19.8	19.8	18.6	18.2	13.9	10.8	10.6	9.6	9.7

[1] A minus sign indicates an excess of deaths over births. [2] Not in the birth registration area.

Source: Bureau of the Census, Department of Commerce.

No. 84.—BIRTHS AND STILLBIRTHS BY LEGITIMACY: BY STATES, 1933

Area	Births (excluding stillbirths)			Stillbirths			Stillbirths per 100 live births		
	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate
Birth registration area [1]	1,942,751	1,865,584	77,167	72,896	66,752	6,144	3.8	3.8	8.0
White	1,671,769	1,636,879	34,890	54,038	51,977	2,061	3.2	3.2	5.9
Colored	270,982	228,705	42,277	18,858	14,775	4,083	7.0	6.5	9.7
Alabama	59,338	53,715	5,623	2,811	2,290	521	4.7	4.3	9.3
White	*36,357*	*35,652*	*705*	*1,120*	*1,076*	*44*	*3.1*	*3.0*	*6.2*
Colored	*22,981*	*18,063*	*4,918*	*1,691*	*1,214*	*477*	*7.4*	*6.7*	*9.7*
Arizona	8,125	7,972	153	248	235	13	3.1	2.9	8.5
Arkansas	35,800	34,264	1,536	1,394	1,262	132	3.9	3.7	8.6
White	*27,695*	*27,268*	*427*	*763*	*742*	*21*	*2.8*	*2.7*	*4.9*
Colored	*8,105*	*6,996*	*1,109*	*631*	*520*	*111*	*7.8*	*7.4*	*10.0*
Colorado	17,180	16,809	371	547	525	22	3.2	3.1	5.9
Connecticut	22,437	22,058	379	624	614	10	2.8	2.8	2.6
Delaware	3,922	3,668	254	153	129	24	3.9	3.5	9.4
District of Columbia	9,955	9,155	800	433	365	68	4.3	4.0	8.5
White	*6,519*	*6,362*	*157*	*200*	*191*	*9*	*3.1*	*3.0*	*5.7*
Colored	*3,436*	*2,793*	*643*	*233*	*174*	*59*	*6.8*	*6.2*	*9.2*
Florida	25,666	23,972	1,694	1,452	1,246	206	5.7	5.2	12.2
White	*17,808*	*17,266*	*542*	*628*	*609*	*19*	*3.6*	*3.5*	*5.6*
Colored	*8,058*	*6,706*	*1,352*	*824*	*637*	*187*	*10.2*	*9.5*	*13.8*
Georgia	60,984	55,832	5,152	3,501	2,941	560	5.7	5.3	10.9
White	*35,878*	*35,275*	*603*	*1,277*	*1,231*	*46*	*3.6*	*3.5*	*7.6*
Colored	*25,106*	*20,557*	*4,549*	*2,224*	*1,710*	*514*	*8.9*	*8.3*	*11.3*
Idaho	8,557	8,440	117	202	198	4	2.4	2.3	3.4
Illinois	107,910	105,243	2,667	3,219	3,058	161	3.0	2.9	6.0
Indiana	50,480	49,484	996	1,356	1,315	41	2.7	2.7	4.1
Iowa	39,575	38,823	752	1,121	1,079	42	2.8	2.8	5.6
Kansas	30,755	30,216	539	806	788	18	2.6	2.6	3.3
Kentucky	55,325	54,246	1,079	1,988	1,873	115	3.6	3.5	10.7
White	*52,082*	*51,340*	*742*	*1,789*	*1,708*	*81*	*3.4*	*3.3*	*10.9*
Colored	*3,243*	*2,906*	*337*	*190*	*165*	*34*	*6.1*	*5.7*	*10.1*
Louisiana	39,748	36,238	3,510	1,995	1,728	267	5.0	4.8	7.8
White	*23,240*	*22,765*	*475*	*788*	*771*	*17*	*3.4*	*3.4*	*3.6*
Colored	*16,508*	*13,473*	*3,035*	*1,207*	*957*	*250*	*7.3*	*7.1*	*8.2*
Maine	15,123	14,620	503	559	522	37	3.7	3.6	7.4
Maryland	27,440	25,416	2,024	1,773	1,507	266	6.5	5.9	13.1
White	*21,288*	*20,729*	*559*	*1,180*	*1,110*	*70*	*5.5*	*5.4*	*12.5*
Colored	*6,152*	*4,687*	*1,465*	*593*	*397*	*196*	*9.6*	*8.5*	*13.4*
Michigan	80,923	78,799	2,124	2,784	2,688	96	3.4	3.4	4.5
Minnesota	44,514	43,375	1,139	1,213	1,173	40	2.7	2.7	3.5
Mississippi	44,274	40,407	3,867	2,147	1,846	301	4.8	4.6	7.8
White	*20,501*	*20,226*	*275*	*673*	*652*	*21*	*3.3*	*3.2*	*7.6*
Colored	*23,773*	*20,181*	*3,592*	*1,474*	*1,194*	*280*	*6.2*	*5.9*	*7.8*
Missouri	57,277	55,522	1,755	2,168	2,027	141	3.8	3.7	8.0
Montana	8,953	8,763	190	235	228	7	2.6	2.6	3.7
Nebraska	24,185	23,700	485	641	621	20	2.7	2.6	4.1
Nevada	1,353	1,334	19	42	40	2	3.1	3.0	10.5
New Hampshire	7,385	7,233	152	268	256	12	3.6	3.5	7.9
New Jersey	56,061	54,799	1,262	2,031	1,943	88	3.6	3.5	7.0
New Mexico	12,304	11,866	438	361	337	24	2.9	2.8	5.5
New York	187,158	183,380	3,778	7,983	7,700	283	4.3	4.2	7.5
North Carolina	75,422	68,962	6,460	3,120	2,592	528	4.1	3.8	8.2
White	*51,548*	*50,090*	*1,458*	*1,536*	*1,446*	*90*	*3.0*	*2.9*	*6.2*
Colored	*23,874*	*18,872*	*5,002*	*1,584*	*1,146*	*438*	*6.6*	*6.1*	*8.8*
North Dakota	13,189	12,875	314	368	350	18	2.8	2.7	5.7
Ohio	95,783	93,334	2,449	3,140	3,008	132	3.3	3.2	5.4
Oklahoma	43,697	42,854	843	1,126	1,085	41	2.6	2.5	4.9
White	*40,171*	*39,587*	*584*	*963*	*941*	*22*	*2.4*	*2.4*	*3.8*
Colored	*3,526*	*3,267*	*259*	*163*	*144*	*19*	*4.6*	*4.4*	*7.3*
Oregon	12,223	12,008	215	325	320	5	2.7	2.7	2.3
Pennsylvania	157,046	151,790	5,256	5,551	5,203	348	3.5	3.4	6.6
Rhode Island	10,352	10,103	249	291	276	15	2.8	2.7	6.0
South Carolina	40,319	35,800	4,519	2,376	1,906	470	5.9	5.3	10.4
White	*19,607*	*19,129*	*478*	*808*	*583*	*25*	*3.1*	*3.0*	*5.2*
Colored	*20,712*	*16,671*	*4,041*	*1,568*	*1,323*	*445*	*8.5*	*7.9*	*11.0*
South Dakota	12,859	12,619	240	285	279	6	2.2	2.2	2.5
Tennessee	50,148	48,027	2,121	2,141	1,948	193	4.3	4.1	9.1
White	*42,291*	*41,345*	*946*	*1,581*	*1,502*	*79*	*3.7*	*3.6*	*8.4*
Colored	*7,857*	*6,682*	*1,175*	*560*	*446*	*114*	*7.1*	*6.7*	*9.7*
Texas	107,950	104,447	3,503	4,144	3,835	309	3.8	3.7	8.8
White	*81,565*	*80,322*	*1,243*	*2,644*	*2,561*	*83*	*3.2*	*3.2*	*6.7*
Colored	*26,385*	*24,125*	*2,260*	*1,500*	*1,274*	*226*	*5.7*	*5.9*	*10.0*
Utah	11,910	11,785	125	255	250	5	2.1	2.1	4.0
Vermont	6,131	5,980	151	192	184	8	3.1	3.1	5.3
Virginia	51,254	47,286	3,968	2,200	1,839	361	4.3	3.9	9.1
White	*35,739*	*34,738*	*1,045*	*1,116*	*1,054*	*61*	*3.1*	*3.0*	*5.8*
Colored	*15,471*	*12,548*	*2,923*	*1,085*	*785*	*300*	*7.0*	*6.3*	*10.3*
Washington	20,882	20,385	497	446	433	13	2.1	2.1	2.6
West Virginia	36,203	34,521	1,682	1,352	1,236	116	3.7	3.6	6.9
Wisconsin	50,409	49,254	1,155	1,445	1,390	55	2.9	2.8	4.8
Wyoming	4,207	4,145	62	84	84		2.0	2.0	

[1] Exclusive of California and Massachusetts, which do not require a statement of legitimacy of child.

Source: Bureau of the Census, Department of Commerce.

No. 85.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE: NUMBER AND RATES, BY STATES, FOR THE BIRTH REGISTRATION AREA

NOTE.—See general note, p. 80

Area	Number of infant deaths		Deaths of infants under 1 year of age per 1,000 births						
	1932	1933	1920	1925	1929	1930	1931	1932	1933
Total birth registration area	119,431	120,887	86	72	68	65	62	58	58
White	96,250	94,749	82	68	63	60	57	53	53
Colored	23,181	26,138	132	111	102	100	93	86	91
Cities	54,788	53,841	91	73	66	63	61	57	57
White	45,894	44,243	87	69	62	59	57	53	52
Colored	8,894	9,598	158	125	114	109	106	96	98
Rural part	64,643	67,046	81	70	69	66	62	58	59
White	50,356	50,506	76	67	64	62	58	54	53
Colored	14,287	16,540	118	101	96	95	86	81	88
Alabama	3,835	3,865	(1)	(1)	74	72	61	61	65
White	*2,042*	*2,024*	(1)	(1)	*64*	*60*	*53*	*53*	*56*
Colored	*1,793*	*1,841*	(1)	(1)	*91*	*94*	*77*	*78*	*80*
Arizona	817	905	(1)	(1)	133	117	110	96	111
Arkansas	1,097	1,046	(1)	(1)	58	51	49	45	54
White	*1,244*	*1,415*	(1)	(1)	*55*	*50*	*48*	*43*	*51*
Colored	*468*	*591*	(1)	(1)	*69*	*56*	*51*	*52*	*66*
California	4,116	4,027	74	69	63	59	57	53	54
White	*2,657*	*2,672*	*74*	*69*	*63*	*57*	*45*	*42*	*44*
Colored	1,459	*1,355*	*77*	*65*	*74*	*80*	*104*	*96*	*95*
Colorado	1,259	1,183	(1)	(1)	91	94	81	72	69
Connecticut	1,173	1,087	92	73	64	56	54	49	48
Delaware	288	237	(1)	91	81	78	82	67	60
District of Columbia	740	669	91	87	71	71	67	73	67
White	*380*	*322*	*72*	*67*	*48*	*52*	*44*	*58*	*49*
Colored	*360*	*347*	*139*	*132*	*117*	*110*	*115*	*108*	*101*
Florida	1,674	1,614	(1)	74	66	64	64	61	63
White	*933*	*876*	(1)	*60*	*52*	*50*	*52*	*49*	*50*
Colored	*741*	*738*	(1)	*105*	*94*	*95*	*91*	*87*	*92*
Georgia	4,101	4,070	(1)	(1)	76	77	68	64	67
White	*2,121*	*2,116*	(1)	(1)	*66*	*65*	*57*	*56*	*59*
Colored	*1,980*	*1,954*	(1)	(1)	*93*	*97*	*86*	*78*	*78*
Idaho	379	404	(1)	(1)	55	57	56	43	47
Illinois	5,884	5,284	(1)	73	61	56	59	53	49
Indiana	2,903	2,675	82	68	64	58	58	*55*	53
Iowa	1,938	1,911	(1)	56	53	54	49	48	48
Kansas	1,525	1,646	73	62	58	53	48	48	54
Kentucky	3,767	3,213	73	70	71	65	65	63	58
White	*2,409*	*2,894*	*69*	*67*	*67*	*62*	*61*	*61*	*56*
Colored	*358*	*319*	*138*	*120*	*130*	*122*	*137*	*108*	*98*
Louisiana	2,804	2,785	(1)	(1)	74	78	66	65	70
White	*1,363*	*1,318*	(1)	(1)	*59*	*62*	*54*	*53*	*57*
Colored	*1,451*	*1,467*	(1)	(1)	*98*	*103*	*85*	*82*	*89*
Maine	1,017	1,002	102	76	77	76	72	63	66
Maryland	1,089	1,805	104	90	80	75	81	69	66
White	*1,289*	*1,165*	*90*	*76*	*69*	*68*	*66*	*57*	*55*
Colored	*700*	*640*	*164*	*146*	*120*	*121*	*132*	*110*	*104*
Massachusetts	3,624	3,299	91	73	62	60	55	53	52
Michigan	4,628	4,090	92	75	66	63	57	54	51
Minnesota	2,189	2,120	66	60	51	52	51	47	48
Mississippi	2,480	2,818	(1)	68	72	68	56	54	64
White	*967*	*1,043*	(1)	*53*	*53*	*51*	*44*	*44*	*51*
Colored	*1,513*	*1,775*	(1)	*83*	*86*	*83*	*67*	*63*	*75*
Missouri	3,430	3,176	(1)	(1)	62	59	53	57	55
Montana	467	461	(1)	71	64	58	60	51	52
Nebraska	1,091	1,193	64	58	52	49	49	43	49
Nevada	88	99	(1)	(1)	67	68	74	70	73
New Hampshire	460	413	88	76	68	61	57	59	56
New Jersey	3,075	2,597	(1)	69	60	56	57	50	46
New Mexico	1,479	1,674	(1)	(1)	146	145	134	119	136
New York	10,469	10,026	86	68	61	59	57	53	54
North Carolina	5,183	4,977	85	79	79	79	73	67	66
White	*3,073*	*2,833*	*73*	*67*	*67*	*67*	*60*	*57*	*55*
Colored	*2,110*	*2,144*	*113*	*105*	*107*	*105*	*102*	*87*	*90*
North Dakota	779	791	(1)	72	67	62	59	56	60
Ohio	5,951	5,049	83	70	69	61	60	59	53
Oklahoma	2,052	2,466	(1)	(1)	70	61	51	50	56
White	*1,770*	*2,181*	(1)	(1)	*66*	*57*	*49*	*47*	*53*
Colored	*282*	*285*	(1)	(1)	*142*	*108*	*82*	*81*	*95*
Oregon	531	493	62	51	48	50	44	41	40

[1] Not in the birth registration area.

No. 85.—Deaths of Infants Under 1 Year of Age: Number and Rates by States, for the Birth Registration Area—Continued

Area	Number of infant deaths		Deaths of infants under 1 year of age per 1,000 births						
	1932	1933	1920	1925	1929	1930	1931	1932	1933
Pennsylvania	10,113	8,391	97	82	71	68	67	60	53
Rhode Island	639	575	(1)	73	72	62	61	57	56
South Carolina	3,204	3,154	116	(1)	91	89	81	77	78
White	*1,234*	*1,195*	*83*	(1)	*72*	*69*	*59*	*62*	*61*
Colored	*1,970*	*1,959*	*148*	(1)	*110*	*108*	*102*	*92*	*95*
South Dakota	668	705	(1)	(1)	(1)	(1)	(1)	50	55
Tennessee	3,550	3,473	(1)	(1)	77	76	68	68	69
White	*2,783*	*2,672*	(1)	(1)	*70*	*69*	*61*	*63*	*63*
Colored	*767*	*801*	(1)	(1)	*117*	*115*	*102*	*95*	*103*
Texas	(1)	8,155	(1)	(1)	(1)	(1)	(1)	(1)	76
White	(1)	*5,078*	(1)	(1)	(1)	(1)	(1)	(1)	*63*
Colored	(1)	*3,077*	(1)	(1)	(1)	(1)	(1)	(1)	*117*
Utah	529	567	71	56	59	57	51	44	48
Vermont	381	325	96	72	66	65	60	63	53
Virginia	3,670	3,513	84	81	79	77	76	67	69
White	*2,222*	*2,120*	*72*	*68*	*67*	*65*	*64*	*58*	*59*
Colored	*1,448*	*1,393*	*110*	*111*	*107*	*107*	*108*	*90*	*90*
Washington	967	811	66	56	49	49	48	45	39
West Virginia	2,911	2,472	(1)	80	78	81	77	75	68
Wisconsin	2,675	2,446	77	67	60	56	53	50	49
Wyoming	242	230	(1)	64	70	69	69	57	55
Total for area having birth registration in 1917[2]	63,953	58,124	86	73	66	63	61	57	55

[1] Not in the birth registration area. [2] Exclusive of Rhode Island.

No. 86.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE: Rates per 1,000 Births, by Principal Causes, for the Birth Registration Area

Note.—See general note, p. 80

Cause of death	Deaths under 1 year of age per 1,000 births											
	Entire registration area							Registration area as of 1917 (exclusive of Rhode Island)				
	1920	1925	1929	1930	1931	1932	1933	1920	1925	1930	1932	1933
All causes under 1 year of age	85.8	71.7	67.6	64.6	61.6	57.6	58.1	86.1	72.8	63.1	56.8	54.6
Measles	1.0	.3	.3	.4	.4	.2	.3	1.0	.4	.3	.3	.2
Scarlet fever	.1	.1	.1	.1	.1	(1)	(1)	.1	.1	.1	(1)	(1)
Whooping cough	3.0	1.8	1.9	1.5	1.2	1.5	1.3	3.0	1.6	1.4	1.5	1.0
Diphtheria [2]	.5	.3	.2	.2	.2	.2	.2	.5	.3	.2	.2	.1
Influenza and pneumonia (lobar and unspecified)	5.9	4.4	5.9	3.8	4.2	4.0	4.0	5.7	4.4	3.6	3.7	3.4
Dysentery	.4	.3	.3	.4	.3	.2	.4	.3	.3	.3	.2	.2
Erysipelas	.4	.3	.4	.3	.3	.3	.3	.4	.4	.4	.3	.3
Tetanus	.1	.1	.1	.1	.1	.1	.1	.1	(1)	(1)	(1)	(1)
Tuberculosis (all forms)	1.0	.6	.4	.5	.5	.5	.4	1.0	.7	.5	.4	.4
Syphilis	.9	.7	.8	.8	.8	.8	.8	.8	.7	.7	.7	.6
Convulsions	1.0	.7	.4	.4	.3	.3	.3	1.0	.7	.4	.3	.3
Bronchitis and bronchopneumonia	9.6	7.7	7.0	6.8	6.8	6.0	5.6	10.1	8.0	7.2	6.5	5.6
Diseases of the stomach [3]	1.2	.6	.4	.3	.3	.2	.3	1.1	.6	.3	.2	.2
Diarrhea and enteritis [4]	14.9	11.2	7.1	7.8	6.6	5.2	5.6	15.2	11.2	7.5	4.9	4.7
Congenital malformations	6.2	6.2	5.5	5.3	5.4	5.3	5.1	6.4	6.3	5.9	6.0	5.9
Congenital debility and other diseases of early infancy	7.7	5.9	4.7	4.7	4.5	4.2	4.3	7.7	6.1	4.8	4.2	4.2
Premature birth	19.4	17.2	17.5	16.7	16.0	15.8	15.8	19.1	17.6	16.8	16.1	16.2
Injury at birth	3.7	4.9	4.8	4.8	4.8	4.6	4.6	3.9	4.9	5.3	5.1	5.1
External causes	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.0	1.0	.9	.9	.9
Unknown or ill-defined diseases	2.5	2.2	3.8	4.0	3.7	3.6	3.8	2.5	2.0	2.0	1.4	1.2
All other causes	5.4	5.2	5.0	4.5	4.3	3.8	3.9	5.3	5.4	4.6	4.0	3.8

[1] Less than one-tenth of 1 per 1,000 births. [3] Excludes ulcer of the duodenum in 1920.
[2] Includes croup in 1920. [4] Includes ulcer of the duodenum in 1920.

Source of tables 85 and 86: Bureau of the Census, Department of Commerce.

No. 87.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE: RATES PER 1,000 BIRTHS ACCORDING TO AGE SUBDIVISIONS

NOTE.—See general note, p. 80

Age	Deaths under 1 year of age per 1,000 births											
	Entire registration area							Registration area as of 1917 (exclusive of Rhode Island)				
	1920	1925	1929	1930	1931	1932	1933	1920	1925	1930	1932	1933
Total under 1 year	85.8	71.7	67.6	64.6	61.6	57.6	58.1	86.1	72.3	68.1	56.8	54.6
Under 1 day	14.8	15.0	15.3	15.0	15.0	15.0	15.1	14.8	15.0	14.9	15.0	15.0
1 day	4.6	4.2	4.4	4.2	4.0	3.8	3.8	4.6	4.3	4.2	3.9	3.8
2 days	3.4	3.2	3.0	2.9	2.7	2.6	2.7	3.4	3.2	2.9	2.7	2.7
3 to 6 days	6.4	5.8	5.3	5.1	4.7	4.7	4.7	6.4	5.9	5.0	4.6	4.6
1 week	5.4	4.4	3.9	3.9	3.6	3.4	3.5	5.4	4.5	3.8	3.2	3.1
2 weeks	3.8	2.9	2.6	2.5	2.4	2.2	2.2	3.8	3.0	2.5	2.2	2.1
3 weeks	3.1	2.3	2.3	2.1	2.0	1.8	1.9	3.1	2.4	2.1	1.9	1.8
Under 1 month	41.5	37.8	36.9	35.7	34.6	33.5	34.0	41.5	38.3	35.4	33.5	33.1
1 month	7.3	5.8	5.6	5.3	5.0	4.7	4.5	7.2	5.9	5.1	4.5	4.2
2 months	5.7	4.6	4.3	4.2	4.0	3.6	3.5	5.7	4.7	4.1	3.4	3.1
3 to 5 months	13.1	10.3	9.2	8.8	8.0	7.2	7.2	13.2	10.5	8.4	7.0	6.4
6 to 8 months	10.0	7.4	6.5	6.2	5.7	4.9	5.0	10.1	7.5	5.9	4.8	4.4
9 to 11 months	8.3	5.8	5.1	4.6	4.3	3.8	3.9	8.5	5.9	4.3	3.7	3.4

No. 88.—HAWAII, PUERTO RICO, AND VIRGIN ISLANDS: BIRTHS AND DEATHS

	Hawaii					*Puerto Rico*		Virgin Islands			
	1920	1925	1930	1932	1933	1932	1933	1925	1930	1932	1933
Number:											
Births	(1)	(1)	10,814	10,493	9,633	(1)	(1)	634	592	553	578
Deaths	4,600	4,108	3,865	3,670	3,048	35,601	36,765	501	484	454	481
Excess of births over deaths	(1)	(1)	6,949	6,823	5,985	(1)	(1)	133	108	99	97
Rate per 1,000 population:											
Births	(1)	(1)	29.1	26.7	23.8	(1)	(1)	(2)	(2)	(2)	(2)
Deaths	17.6	13.6	10.4	9.3	9.0	22.3	22.7	(2)	(2)	(2)	(2)
Excess of births over deaths	(1)	(1)	18.7	17.4	14.8	(1)	(1)	(2)	(2)	(2)	(2)
Deaths under 1 year of age:											
Number	1,083	1,416	890	799	695	8,790	8,607	90	71	74	91
Per 1,000 births	(1)	(1)	82	76	72	(1)	(1)	142	120	134	157

[1] Not in the birth registration area. [2] Population estimates not available.

No. 89.—HOMICIDES AND SUICIDES: NUMBER AND RATE IN CITIES HAVING 100,000 POPULATION OR MORE IN 1900

Year	Estimated population July 1 (thousands)	Homicides		Suicides		Year	Estimated population July 1 (thousands)	Homicides		Suicides	
		Number	Rate per 100,000 population	Number	Rate per 100,000 population			Number	Rate per 100,000 population	Number	Rate per 100,000 population
1900	14,134	481	3.4	2,099	14.9	1919	22,563	2,006	8.9	3,229	14.3
1905	16,104	983	6.1	3,126	19.4	1920	23,010	1,930	8.4	2,910	12.6
1906	16,504	1,189	7.2	2,984	18.0	1921	23,403	2,168	9.2	3,731	15.9
1907	17,073	1,455	8.5	3,319	19.4	1922	23,936	2,211	9.2	3,626	15.1
1908	17,541	1,401	8.0	3,957	22.6	1923	24,411	2,435	10.0	3,692	15.1
1909	18,018	1,252	6.9	3,772	20.9	1924	24,867	2,682	10.8	3,855	15.5
1910	18,523	1,479	8.0	3,743	20.2	1925	25,339	2,808	11.1	4,000	15.8
1911	18,958	1,505	7.9	3,880	20.5	1926	25,831	2,715	10.5	4,264	16.5
1912	19,413	1,504	7.7	3,868	19.9	1927	26,338	2,771	10.5	4,492	17.1
1913	19,847	1,702	8.6	3,957	19.9	1928	26,815	2,748	10.2	4,799	17.9
1914	20,273	1,715	8.5	4,351	21.5	1929	27,283	2,674	9.8	4,996	18.3
1915	20,730	1,698	8.2	4,455	21.5	1930	27,789	2,866	10.3	5,587	20.1
1916[1]	21,022	1,786	8.5	3,892	18.5	1931	28,259	2,924	10.3	5,668	20.1
1917	21,616	2,061	9.5	3,816	17.7	1932	28,251	2,868	10.2	6,059	21.4
1918	22,039	1,865	8.5	3,351	15.2	1933	28,494	2,865	10.1	5,571	19.6

[1] Excludes Memphis, Tenn.

Source of tables 87, 88, and 89: Bureau of the Census, Department of Commerce.

No. 90.—BIRTH AND DEATH REGISTRATION: STATES INCLUDED IN REGISTRATION AREA WITH YEAR WHEN EACH WAS ADDED

Death registration States and Territories				Birth registration States and Territories			
State	Year	State	Year	State	Year	State	Year
Massachusetts	1880	Kansas	1914	Connecticut	1915	New Jersey	1921
New Jersey		South Carolina	1916	Maine		Illinois	1922
Dist. of Col		Tennessee	1917	Massachusetts		Montana	
Connecticut		Illinois	1918	Michigan		Wyoming	
Delaware [1]		Louisiana		Minnesota		Florida	
New Hampshire	1890	Oregon		New Hampshire		Iowa	1924
New York		Florida	1919	New York		North Dakota	
Rhode Island		Mississippi		Pennsylvania		West Virginia	1925
Vermont		Nebraska	1920	Rhode Island [2]		Arizona	1926
Maine	1900	Georgia [4]	1922	Vermont		Idaho	
Michigan		Idaho		Dist. of Col		Alabama	
Indiana		Wyoming		Maryland	1916	Arkansas	
California	1906	Iowa	1923	Indiana		Louisiana	1927
Colorado		North Dakota	1924	Kansas		Missouri	
Maryland		Alabama	1925	Kentucky		Tennessee	
Pennsylvania		West Virginia		North Carolina		Colorado	
South Dakota [3]		Arizona	1926	Ohio	1917	Georgia	1928
Washington	1908	Arkansas	1927	Utah		Oklahoma	
Wisconsin		Oklahoma	1928	Virginia		Nevada	1929
Ohio	1909	Nevada	1929	Washington		New Mexico	
Minnesota	1910	New Mexico		Wisconsin		South Dakota	1932
Montana		Texas	1933	California		Texas	1933
North Carolina [3]				Oregon	1919		
Utah		Hawaii	1917	South Carolina [6]		Virgin Islands	1924
Kentucky	1911	Virgin Isalnds	1924	Nebraska	1920	Hawaii	1929
Missouri		Puerto Rico	1932	Delaware	1921		
Virginia	1913			Mississippi			

[1] Dropped from area in 1900; readmitted in 1919. [2] Dropped from area in 1910; readmitted in 1930.
[3] Included only municipalities having a population of 1,000 or more in 1900; remainder added in 1916.
[4] In 1925, State registration law declared unconstitutional; readmitted in 1928.
[5] Dropped from area in 1919; readmitted in 1921. [6] Dropped from area in 1925; readmitted in 1928.

No. 91.—MARRIAGES, DIVORCES, AND ANNULMENTS: NUMBER AND RATIO OF DIVORCES TO MARRIAGES, CONTINENTAL UNITED STATES

NOTE.—Data were not collected for 1933

Calendar year	Marriages, number	Divorces					Number of divorces per 1,000 marriages	Number of annulments [1]
		Total number	Granted to husband		Granted to wife			
			Number	Percent	Number	Percent		
1890	542,537	33,461	11,625	34.7	21,836	65.3	62	----
1893	578,673	37,468	12,590	33.6	24,878	66.4	65	----
1894	566,161	37,568	12,551	33.4	25,017	66.6	66	----
1895	598,855	40,387	13,456	33.3	26,931	66.7	67	----
1896	613,873	42,937	14,448	33.6	28,489	66.4	70	----
1897	622,350	44,699	14,765	33.0	29,934	67.0	72	----
1898	625,655	47,849	15,988	33.4	31,861	66.6	76	----
1899	650,610	51,437	16,925	32.9	34,512	67.1	79	----
1900	685,284	55,751	18,620	33.4	37,131	66.6	81	----
1901	716,621	60,984	20,008	32.8	40,976	67.2	85	----
1902	746,733	61,480	20,056	32.6	41,424	67.4	82	----
1903	786,132	64,925	21,321	32.8	43,604	67.2	83	----
1904	781,145	66,199	22,189	33.5	44,010	66.5	85	----
1905	804,787	67,976	22,220	32.7	45,756	67.3	84	----
1906	853,290	72,062	23,455	32.5	48,607	67.5	84	----
1916	1,040,684	[2] 114,000	33,809	31.1	74,893	68.9	108	----
1922	1,134,151	[2] 148,815	47,359	32.0	100,416	68.0	131	----
1923	1,229,784	[2] 165,096	52,999	32.2	111,480	67.8	134	----
1924	1,184,574	[2] 170,052	52,984	31.5	115,328	68.5	144	----
1925	1,188,334	[2] 175,449	52,147	30.1	121,333	69.9	148	----
1926	1,202,574	[2] 180,853	52,834	29.5	126,563	70.5	150	3,825
1927	1,201,053	[2] 192,087	54,637	29.0	134,048	71.0	160	4,252
1928	1,182,497	[2] 195,939	55,065	28.6	137,277	71.4	166	4,287
1929	1,232,559	[2] 201,468	57,148	28.7	142,187	71.3	163	4,408
1930	1,126,856	[2] 191,591	52,554	27.7	137,309	72.3	170	4,370
1931	1,060,914	[2] 183,664	49,591	27.2	132,612	72.8	173	4,339
1932	981,903	[2] 160,338	42,335	26.5	117,375	73.5	163	3,903

[1] Statistics for annulments were collected for the first time in 1926.
[2] Includes divorces for which the libellant was not reported. Percentages, however, are based on the total number for which libellant was reported.

Source of tables 90 and 91: Bureau of the Census, Department of Commerce.

No. 92.—MARRIAGES, DIVORCES, AND ANNULMENTS: By States

Division and State	Marriages				Divorces				Number of divorces per 1,000 marriages		Number of annulments, 1932
	Number		Per 1,000 of the population [1]		Number		Per 1,000 of the population [1]				
	1931	1932	1931	1932	1931	1932	1931	1932	1931	1932	
Continental U. S.	1,060,554	981,903	8.5	7.9	183,664	180,338	1.48	1.26	173	183	3,903
New England	55,232	49,453	6.7	6.0	7,937	7,626	.96	.92	144	154	93
Maine	6,232	5,564	7.8	7.0	1,342	1,219	1.68	1.52	215	219	17
New Hampshire	5,535	5,437	11.9	11.6	660	629	1.41	1.34	119	116	9
Vermont	2,554	2,405	7.1	1.7	325	365	.90	1.01	127	152	2
Massachusetts	26,296	22,817	6.1	5.3	3,585	3,543	.84	.82	136	155	56
Rhode Island	4,635	4,080	6.7	5.9	674	730	.97	1.05	145	179	
Connecticut	10,030	9,150	6.2	5.6	1,351	1,140	.83	.70	135	125	14
Middle Atlantic	200,606	183,590	7.6	6.9	15,484	13,437	.58	.50	77	73	1,141
New York	114,322	104,665	9.0	8.1	5,001	4,886	.40	.38	45	47	1,025
New Jersey	26,458	22,840	6.4	5.5	3,152	2,736	.77	.66	119	120	75
Pennsylvania	59,826	56,085	6.2	5.8	7,241	5,815	.75	.60	121	104	41
East North Central	196,511	173,443	7.7	6.7	46,551	39,420	1.82	1.53	237	227	377
Ohio	42,863	29,063	6.4	4.4	13,312	11,176	1.98	1.65	311	377	58
Indiana	38,372	30,105	11.8	11.0	7,278	6,322	2.23	1.93	190	175	76
Illinois	71,636	65,088	9.3	8.4	13,893	11,745	1.80	1.51	194	180	131
Michigan	28,856	28,552	5.9	5.7	9,425	7,821	1.91	1.57	327	274	64
Wisconsin	14,784	14,035	5.0	4.7	2,643	2,356	.89	.79	179	168	48
West North Central	107,337	98,950	8.0	7.5	22,531	19,443	1.69	1.45	210	195	182
Minnesota	19,207	17,345	7.5	6.7	2,807	2,473	1.09	.96	146	143	11
Iowa	14,190	8,014	5.7	3.2	4,117	3,353	1.66	1.35	290	418	21
Missouri	33,971	35,158	9.3	9.6	8,994	7,887	2.47	2.16	265	224	52
North Dakota	3,633	3,600	5.3	5.3	487	370	.71	.54	134	103	8
South Dakota	6,995	7,185	10.0	10.3	753	662	1.08	.95	108	92	4
Nebraska	11,030	11,757	8.0	8.5	1,531	1,454	1.11	1.05	139	124	46
Kansas	18,311	16,890	9.7	8.9	3,842	3,244	2.03	1.71	210	192	20
South Atlantic	159,701	149,909	10.0	9.4	14,573	12,397	.91	.77	91	83	228
Delaware	1,013	902	4.2	3.8	181	176	.75	.73	179	195	6
Maryland	24,703	22,779	15.0	13.8	2,014	1,714	1.22	1.04	82	75	13
Dist. of Columbia	5,316	4,947	10.8	10.0	215	140	.44	.28	40	28	48
Virginia	25,205	24,626	10.4	10.1	3,130	2,613	1.29	1.07	124	106	19
West Virginia	18,173	18,480	10.4	10.5	1,599	1,201	.91	.68	88	65	35
North Carolina	13,130	11,614	4.1	3.6	1,525	1,311	.47	.40	116	113	16
South Carolina [2]	26,404	25,513	15.1	14.6							29
Georgia	28,331	25,747	9.7	8.9	2,346	2,153	.81	.74	83	84	38
Florida	17,336	15,301	11.5	10.0	3,563	3,089	2.37	2.02	206	202	24
East South Central	101,362	97,530	10.2	9.8	14,098	12,254	1.41	1.22	139	126	81
Kentucky	34,132	31,689	13.0	12.0	4,472	3,985	1.70	1.51	131	126	13
Tennessee	19,696	18,051	7.5	6.8	4,669	4,191	1.77	1.58	237	232	9
Alabama	25,945	25,102	9.7	9.4	2,942	2,166	1.10	.81	113	86	3
Mississippi	21,589	22,688	10.7	11.1	2,015	1,912	.99	.94	93	84	6
West South Central	118,139	118,933	9.7	9.6	27,766	25,477	2.25	2.05	233	214	297
Arkansas	24,537	25,802	13.2	13.8	3,476	3,910	1.87	2.09	142	152	14
Louisiana	20,167	19,127	9.5	9.0	1,601	1,404	.75	.66	79	73	19
Oklahoma	33,923	33,935	14.0	13.9	6,901	5,991	2.85	2.46	203	177	127
Texas	40,512	40,069	6.9	6.7	15,788	14,172	2.67	2.38	390	354	137
Mountain	47,846	43,264	12.8	11.5	13,223	11,050	3.55	2.95	276	255	212
Montana	5,064	4,970	9.4	9.2	1,253	1,022	2.33	1.90	247	206	25
Idaho	2,263	1,526	5.1	3.4	961	806	2.15	1.80	425	528	15
Wyoming	1,244	777	5.5	3.4	653	598	2.86	2.61	525	770	9
Colorado	9,952	6,614	9.5	6.3	2,209	2,105	2.12	2.01	222	318	71
New Mexico	8,380	8,879	19.6	20.6	725	636	1.69	1.61	87	78	15
Arizona	7,575	7,642	17.1	17.1	1,125	848	2.54	1.89	149	111	33
Utah	5,738	5,768	11.2	11.2	1,037	936	2.03	1.91	181	171	17
Nevada	7,630	7,088	82.9	76.2	5,260	3,989	57.17	42.89	689	563	27
Pacific	72,770	65,831	8.7	7.7	21,501	19,284	2.56	2.26	295	292	1,357
Washington	17,906	15,999	11.3	10.1	3,971	3,434	2.51	2.16	222	215	65
Oregon	7,339	6,668	7.6	6.9	2,417	1,703	2.50	1.75	329	255	25
California	47,525	43,164	8.1	7.3	15,113	14,097	2.58	2.37	318	327	1,267

[1] Based on estimated population for the given year.
[2] No divorces are granted in South Carolina.

Source: Bureau of the Census, Department of Commerce.

4. IMMIGRATION, EMIGRATION, AND NATURALIZATION

In compiling immigration statistics for the United States, Alaska, Hawaii, and Puerto Rico, beginning 1904, 1901, and 1902, respectively, were included. In prior years the transfer of population between them and the United States was considered immigration

No. 93.—IMMIGRATION: 1821 TO 1934

NOTE.—For 1821 to 1867 the figures represent alien passengers arriving; for 1868 to 1903, immigrants arriving; for 1904 to 1906, aliens admitted; for 1907 to date, immigrant aliens admitted. Data are for fiscal years ended June 30 except as noted; for periods they are totals, not annual averages

Period or year	Number	Year	Number	Year	Number	Year	Number
1821–1830 [1]	143, 439	1878	138, 469	1900	448, 572	1922	309, 556
1831–1840 [2]	599, 125	1879	177, 826	1901	487, 918	1923	522, 919
1841–1850 [3]	1, 713, 251	1880	457, 257	1902	648, 743	1924	706, 896
1851–1860 [3]	2, 598, 214	1881	669, 431	1903	857, 046	1925	294, 314
1861–1870 [4]	2, 314, 824	1882	788, 992	1904	812, 870	1926	304, 488
1871–1880	2, 812, 191	1883	603, 322	1905	1, 026, 499	1927	335, 175
1881–1890	5, 246, 613	1884	518, 592	1906	1, 100, 735	1928	307, 255
1891–1900	3, 687, 564	1885	395, 346	1907	1, 285, 349	1929	279, 678
1901–1910	8, 795, 386	1886	334, 203	1908	782, 870	1930	241, 700
1911–1920	5, 735, 811	1887	490, 109	1909	751, 786	1931	97, 139
1921–1930	4, 107, 209	1888	546, 880	1910	1, 041, 570	1932	35, 576
1900–1904	*3, 255, 149*	*1889*	*444, 427*	1911	878, 587	1933	23, 068
1905–1909	4, 947, 230	1890	455, 302	1912	838, 172	1934	29, 470
1910–1914	5, 174, 701	1891	560, 319	1913	1, 197, 892		
1915–1919	1, 172, 679	1892	579, 663	1914	1, 218, 480	Calendar years:	
1920–1924	2, 774, 600	1893	439, 730	1915	326, 700	1928	290, 297
1925–1929	1, 520, 910	1894	285, 631	1916	298, 826	1929	268, 941
1930–1934	426, 953	1895	258, 536	1917	295, 403	1930	180, 251
1874	313, 339	1896	343, 267	1918	110, 618	1931	43, 353
1875	227, 498	1897	230, 832	1919	141, 132	1932	28, 008
1876	169, 986	1898	229, 299	1920	430, 001	1933	23, 809
1877	141, 857	1899	311, 715	1921	805, 228	1934	34, 371

[1] Oct. 1, 1820, to Sept. 30, 1830.
[2] Oct. 1, 1830, to Dec. 31, 1840.
[3] Calendar years.
[4] Jan. 1, 1861, to June 30, 1870.

No. 94.—ADMISSIONS AND DEPARTURES OF ALIENS

Period or year ended—	Admitted			Departed			Excess of admissions over departures [1]	
	Immigrant	Nonimmigrant	Total	Emigrant	Nonemigrant	Total	Immigrant over emigrant	Total
June 30:								
1910–1914, total	5, 174, 701	901, 099	6, 075, 800	1, 442, 892	1, 316, 762	2, 759, 654	3, 731, 809	3, 316, 146
1915–1919, total	1, 172, 679	440, 064	1, 612, 743	618, 223	562, 636	1, 180, 859	554, 456	431, 884
1920–1924, total	2, 774, 600	810, 352	3, 584, 952	892, 084	723, 824	1, 616, 808	1, 881, 616	1, 968, 144
1925–1929, total	1, 520, 910	951, 590	2, 472, 500	389, 746	843, 861	1, 233, 607	1, 131, 164	1, 238, 893
1930–1934, total	426, 953	789, 443	1, 216, 396	335, 690	936, 282	1, 271, 972	91, 263	−55, 576
1913	1, 197, 892	229, 335	1, 427, 227	308, 190	303, 734	611, 924	889, 702	815, 303
1914	1, 218, 480	184, 601	1, 403, 081	303, 338	330, 467	633, 805	915, 142	769, 276
1915	326, 700	107, 544	434, 244	204, 074	180, 100	384, 174	122, 626	50, 070
1916	298, 826	67, 922	366, 748	129, 765	111, 042	240, 807	169, 061	125, 941
1917	295, 403	67, 474	362, 877	66, 277	80, 102	146, 379	229, 126	216, 498
1918	110, 618	101, 235	211, 853	94, 585	98, 683	193, 268	16, 033	18, 585
1919	141, 132	95, 889	237, 021	123, 522	92, 709	216, 231	17, 610	20, 790
1920	430, 001	191, 575	621, 576	288, 315	139, 747	428, 062	141, 686	193, 514
1921	805, 228	172, 935	978, 163	247, 718	178, 313	426, 031	557, 510	552, 132
1922	309, 556	122, 949	432, 505	198, 712	146, 672	345, 384	110, 844	87, 121
1923	522, 919	150, 487	673, 406	81, 450	119, 136	200, 586	441, 469	472, 820
1924	706, 896	172, 406	879, 302	76, 789	139, 956	216, 745	630, 107	662, 557
1925	294, 314	164, 121	458, 435	92, 728	132, 762	225, 490	201, 586	232, 945
1926	304, 488	191, 618	496, 106	76, 992	150, 763	227, 755	227, 496	268, 351
1927	335, 175	202, 826	538, 001	73, 366	180, 142	253, 508	261, 809	284, 493
1928	307, 255	193, 376	500, 631	77, 457	196, 899	274, 356	229, 798	226, 275
1929	279, 678	199, 649	479, 327	69, 203	183, 295	252, 498	210, 475	226, 829
1930	241, 700	204, 514	446, 214	50, 661	221, 764	272, 425	191, 039	173, 789
1931	97, 139	183, 540	280, 679	61, 882	229, 034	290, 916	35, 257	−10, 237
1932	35, 576	139, 295	174, 871	103, 295	184, 362	287, 657	−67, 719	−112, 786
1933	23, 068	127, 660	150, 728	80, 081	163, 721	243, 802	−57, 013	−93, 074
1934	29, 470	134, 434	163, 904	39, 771	137, 401	177, 172	−10, 301	−13, 268
Dec. 31:								
1933	23, 899	127, 383	151, 282	51, 690	137, 871	189, 561	−27, 791	−38, 279
1934	34, 371	139, 480	173, 851	39, 183	146, 877	186, 060	−4, 812	−12, 209

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

Source of tables 93 and 94: Immigration and Naturalization Service, Department of Labor.

No. 95.—IMMIGRANT ALIENS ADMITTED AND ALIENS DEBARRED AND DEPORTED: YEARS ENDED JUNE 30

Period or year	Admitted	Debarred	Deported	Year	Admitted	Debarred	Deported
1900–1904, total	3,255,149	29,490	2,510	1923	522,919	20,619	3,661
1905–1909, total	4,947,239	58,688	6,709	1924	706,896	30,284	6,409
1910–1914, total	5,174,701	116,655	16,010	1925	294,314	25,390	9,495
1915–1919, total	1,172,679	74,929	11,835	1926	304,488	20,550	10,904
1920–1924, total	2,774,600	90,208	21,694	1927	335,175	19,755	11,662
1925–1929, total	1,520,910	102,661	56,594	1928	307,255	18,839	11,625
1930–1934, total	428,953	35,952	82,943	1929	279,678	18,127	12,908
1918	110,618	7,297	1,569	1930	241,700	8,233	16,631
1919	141,132	8,926	3,068	1931	97,139	9,744	18,142
1920	430,001	11,795	2,762	1932	35,576	7,004	19,426
1921	805,228	13,779	4,517	1933	23,068	5,527	19,865
1922	309,556	13,731	4,345	1934	29,470	5,384	8,879

No. 96.—IMMIGRANT ALIENS ADMITTED: BY OCCUPATION, AMOUNT OF MONEY BROUGHT, ETC., YEARS ENDED JUNE 30

	1910–1914, total	1920–1924, total	1925–1929, total	1930–1934, total	1932	1933	1934
Reporting occupations—							
Professional	62,124	79,309	53,953	20,958	2,538	1,631	2,128
Skilled	747,794	510,238	280,107	67,507	2,831	2,375	3,180
Unskilled	2,882,435	954,418	505,119	97,980	3,056	1,872	2,664
Farmers	66,738	74,973	51,001	12,238	403	292	425
Farm laborers	1,257,000	111,583	101,120	17,779	254	134	233
Common laborers	963,421	466,575	194,587	24,025	1,118	844	1,113
Servants	604,967	288,109	149,447	41,400	1,232	550	805
Other unskilled	10,199	13,178	8,964	2,538	49	52	88
Commercial [1]	72,572	59,924	27,535	10,723	1,133	785	1,275
Miscellaneous	55,279	95,895	50,198	11,440	954	859	1,094
Bringing—							
Less than $50	3,222,314	954,147	549,474	112,955	7,742	5,525	6,678
$50 or more	674,931	822,386	598,087	218,644	18,330	11,972	16,184
Amount brought ($1,000)	171,406	171,467	111,743	46,016	4,560	3,277	5,531
Passage paid by—							
Self	3,460,555	1,560,835	863,541	228,818	16,557	11,452	14,994
Relative	1,657,869	1,123,827	632,616	188,857	17,383	10,843	13,519
Others	56,277	80,938	24,753	9,278	1,663	773	957
Going to join—							
Relative	4,169,633	2,132,479	1,140,502	351,521	28,293	19,359	25,158
Friend	706,468	277,995	146,595	42,137	2,529	1,457	1,931
No one	298,600	364,126	233,813	33,295	4,754	2,252	2,381

[1] Agents, bankers, hotel keepers, manufacturers, and merchants and dealers.

No. 97.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED, BY SEX AND AGE; AND ILLITERACY OF IMMIGRANTS: YEARS ENDED JUNE 30

	1910–1914, total	1915–1919, total	1920–1924, total	1925–1929, total	1930–1934, total	1932	1933	1934
Admissions, total	5,174,701	1,172,679	2,774,600	1,520,910	428,953	35,576	23,068	29,470
Males	3,442,917	688,881	1,577,496	836,091	192,884	13,917	9,219	12,101
Females	1,731,784	483,798	1,197,104	684,819	234,069	21,659	13,849	17,369
Males per 1,000 females	1,988	1,424	1,318	1,221	824	643	666	697
Under 16 years [1]	657,825	195,241	516,293	247,373	74,398	6,781	4,131	5,389
16 to 44 years [1]	4,229,546	853,348	2,003,466	1,135,603	301,084	22,905	15,033	18,987
45 years and over	287,330	124,090	254,841	137,634	51,471	5,890	3,904	5,094
Illiterates, number [2]	1,143,236	116,749	75,231	20,556	8,180	1,523	871	957
Per cent	22.1	10.0	2.7	1.4	1.9	4.3	3.8	3.2
Departures, total	1,442,892	618,223	892,984	889,746	335,690	103,295	80,081	89,771
Males	1,163,750	495,643	682,170	678,709	216,614	66,859	51,852	24,481
Females	279,142	122,580	210,814	111,037	119,076	36,436	28,229	15,290
Males per 1,000 females	4,169	4,043	3,236	2,510	1,819	1,835	1,837	1,601
Under 16 years [1]	60,018	38,883	39,280	18,493	26,118	8,977	5,867	2,554
16 to 44 years [1]	1,217,753	488,282	635,980	285,680	226,108	70,521	54,202	25,546
45 years and over	156,121	91,058	217,724	85,573	83,464	23,797	20,012	11,671

[1] Prior to 1918 the division point is 14 years.
[2] Unable to read or write in any language.

Source of tables 95, 96, and 97: Immigration and Naturalization Service, Department of Labor.

No. 98.—IMMIGRATION, BY COUNTRIES AND BY DECADES, 1841 TO 1930

NOTE.—For 1841 to 1867 figures represent alien passengers arriving; for 1868 to 1903, immigrants arriving; for 1904 to 1906, aliens admitted; thereafter, immigrant aliens admitted. Data prior to 1906 cover countries whence aliens came; thereafter, countries of last permanent residence. Owing to changes in the lists of countries separately reported and to changes in boundaries, data for certain countries are not comparable throughout. Countries added to the list since the beginning of the World War were theretofore included with the countries to which they belonged. Data are *totals* (not annual averages) for periods ended June 30 since 1870, Dec. 31 theretofore, except as noted

Country	1841–1850	1851–1860	1861–1870 [1]	1871–1880	1881–1890	1891–1900	1901–1910	1911–1920	1921–1930
Grand total	1,713,251	2,598,214	2,314,824	2,812,191	5,246,613	3,687,564	8,795,386	5,735,811	4,107,209
Total Europe	1,597,501	2,452,660	2,065,270	2,272,262	4,737,046	3,558,978	8,136,016	4,376,564	2,477,853
Austria	}		7,800	72,969	353,719	592,707	2,145,266	{ 453,649	32,868
Hungary								{ 442,693	30,680
Belgium	5,074	4,738	6,734	7,221	20,177	18,167	41,635	33,746	15,846
Bulgaria [2]						160	39,280	22,533	2,945
Czechoslovakia								3,426	102,194
Denmark	539	3,749	17,094	31,771	88,132	50,231	65,285	41,983	32,430
Finland								756	16,691
France	77,262	76,358	35,986	72,206	50,464	30,770	73,379	61,897	49,610
Germany	434,626	951,667	787,468	718,182	1,452,970	505,152	341,498	143,945	412,202
Greece	16	31	72	210	2,308	15,979	167,519	184,201	51,084
Italy	1,870	9,231	11,725	55,759	307,309	651,893	2,045,877	1,109,524	455,315
Netherlands	8,251	10,789	9,102	16,541	53,701	26,758	48,262	43,718	26,948
Norway	} 13,903	20,931	109,298	{ 95,323	176,586	95,015	190,505	66,395	68,531
Sweden				{ 115,922	391,776	226,266	249,534	95,074	97,249
Poland [3]	105	1,164	2,027	12,970	51,806	96,720		4,813	227,734
Portugal	550	1,055	2,658	14,082	16,978	27,508	69,149	89,732	29,994
Rumania				11	6,348	12,750	53,008	13,311	67,646
Russia	551	457	2,512	39,284	213,282	505,290	1,597,306	921,201	61,742
Spain	2,209	9,298	6,697	5,266	4,419	8,731	27,935	68,611	28,958
Switzerland	4,644	25,011	23,286	28,293	81,988	31,179	34,922	23,091	29,676
Turkey in Europe	59	83	129	337	1,562	3,626	79,976	54,677	14,659
United Kingdom	1,047,763	1,338,093	1,042,674	984,914	1,462,839	659,954	865,015	487,589	[4] 550,894
England	32,092	247,125	222,277	437,706	644,680	216,726	388,017	249,944	157,420
Ireland	780,719	914,119	435,778	436,871	655,482	388,416	339,065	146,181	220,501
Scotland	3,712	38,331	38,769	87,564	149,869	44,188	120,469	78,357	159,781
Wales	1,261	6,319	4,313	6,631	12,640	10,557	17,464	13,107	13,012
Not specified	229,979	132,199	341,537	16,142	168	67			
Yugoslavia								1,888	49,064
Other Europe	79	5	8	1,001	682	122	665	8,111	22,983
Total Asia [5]	82	41,455	64,630	123,823	68,380	71,236	243,567	192,559	97,400
China [5]	35	41,397	64,301	123,201	61,711	14,799	20,605	21,278	29,907
Japan [5]			186	149	2,270	25,942	129,797	83,837	33,462
Turkey in Asia [6]			2	67	2,220	20,799	77,393	79,389	19,165
Other Asia [5]	47	58	141	406	2,179	3,696	15,772	8,055	14,866
Total America [7]	62,469	74,720	186,607	404,044	426,967	38,972	361,888	1,143,671	1,516,716
Canada and Newfoundland [7]	41,723	59,309	153,878	383,640	393,304	3,311	179,226	742,185	924,515
Mexico [7]	3,271	3,078	2,191	5,162	1,913	971	49,642	219,004	459,287
Central America [8]	368	449	95	157	404	549	8,192	17,159	15,793
South America [8]	3,579	1,224	1,397	1,128	2,304	1,075	17,280	41,899	42,215
West Indies [8]	13,528	10,660	9,046	13,957	29,042	33,066	107,548	123,424	74,899
Other America									31
Africa [8]	55	210	312	358	857	350	7,368	8,443	6,286
Australia, Tasmania, and New Zealand			36	9,886	7,017	2,740	11,975	12,348	8,299
Pacific Islands (not specified)				1,028	5,557	1,225	1,049	1,079	427
All other countries	53,144	29,169	17,969	790	789	14,063	[9] 33,523	1,147	228

[1] Jan. 1, 1861, to June 30, 1870.
[2] Includes Serbia and Montenegro prior to 1920.
[3] From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.
[4] Includes Irish Free State.
[5] Included in "All other countries" in 1892.
[6] Included in "All other countries" in 1892; in "Other Asia" in 1893 and 1894.
[7] Immigrants from Canada, Newfoundland, and Mexico not reported from 1886 to 1893, inclusive.
[8] Included in "All other countries" in 1892 and 1893.
[9] 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: Immigration and Naturalization Service, Department of Labor.

No. 99.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS

NOTE.—Residence for a year or more is regarded as permanent residence. Excess of departures indicated 1920-1924, the same and subsequent

Country	Fiscal years ended June 30—								
	1910–1914, total			1925–1929, total			1930–1934, total		
	Admitted	Departed	Excess	Admitted	Departed	Excess	Admitted	Departed	Excess
All countries, total.	5,174,701	1,442,892	3,731,809	1,520,910	389,746	1,131,164	426,953	335,690	91,263
Europe, total	4,524,169	1,176,037	3,348,132	789,407	294,972	494,435	259,519	186,091	73,428
Albania				1,072	1,062	10	1,097	319	778
Austria	575,852	181,494	394,358	5,550	2,447	3,103	3,321	1,529	1,792
Hungary	553,801	174,362	379,439	4,237	4,268	*−31*	3,167	2,559	608
Belgium	28,450	4,727	23,723	3,575	2,455	1,120	1,998	2,621	*−623*
Bulgaria	24,821	20,514	4,307	910	614	296	539	585	*−46*
Czechoslovakia				16,937	11,059	5,878	7,886	5,962	1,924
Denmark	33,470	2,804	30,666	12,496	2,815	9,681	2,271	1,933	338
Estonia				679	81	598	335	244	91
Finland				2,298	2,570	*−272*	1,210	2,437	*−1,227*
France	43,004	17,003	26,001	21,358	7,677	13,681	7,675	9,326	*−1,651*
Germany	161,195	27,938	133,257	237,531	25,277	212,254	45,951	22,174	23,777
Greece	132,212	70,708	61,504	8,630	19,065	*−10,456*	6,008	4,813	1,255
Irish Free State [1]				120,188	5,388	114,800	25,126	9,287	15,839
Italy	1,104,833	405,723	699,110	67,489	94,525	*−27,036*	50,239	19,247	30,992
Latvia				1,550	202	1,354	770	271	499
Lithuania				3,034	1,809	1,225	1,473	1,373	100
Netherlands	35,734	2,777	32,957	8,794	2,558	6,236	4,472	2,782	1,690
Norway	57,079	9,245	47,834	29,436	8,287	21,149	4,714	6,576	*−1,862*
Poland				39,435	14,596	24,839	16,495	8,966	7,529
Portugal	51,902	8,477	43,425	3,059	12,150	*−9,091*	1,742	4,130	*−2,388*
Rumania	12,851	2,331	10,520	6,727	5,805	922	3,618	2,628	990
Russia	1,054,608	153,470	901,138	6,912	1,699	5,213	2,081	2,946	*−865*
Spain	28,631	8,723	19,908	2,032	11,767	*−9,735*	2,086	9,879	*−7,793*
Sweden	89,215	9,340	79,875	42,119	5,689	36,430	5,072	8,073	*−3,001*
Switzerland	18,811	2,817	15,994	10,292	2,809	7,483	3,144	2,519	625
Turkey in Europe	69,651	19,939	49,712	1,162	203	959	485	19	466
United Kingdom [2]	445,940	53,555	392,386	122,747	37,613	85,134	51,410	45,812	5,598
England	218,767	29,939	188,828	49,332	28,693	21,139	20,686	26,607	*−5,921*
Ireland	137,410	13,346	124,064	5,063	811	4,282	6,944	2,554	4,390
Scotland	78,391	9,465	68,926	61,627	7,880	53,747	21,823	15,528	6,295
Wales	11,372	805	10,567	6,195	229	5,966	1,957	1,123	834
Yugoslavia				5,728	10,182	*−4,454*	3,462	6,004	*−2,542*
Other Europe	2,109	90	2,019	3,424	300	3,124	1,612	977	635
Asia, total	132,041	32,749	99,292	17,798	27,478	*−9,680*	10,960	23,437	*−12,477*
China	9,800	12,157	*−2,357*	7,925	18,570	*−10,645*	3,824	16,153	*−12,329*
Japan	30,564	10,692	19,872	3,421	5,655	*−2,234*	2,177	4,463	*−2,286*
India	2,795	747	2,048	465	674	*−209*	392	741	*−349*
Syria, Palestine, and Iraq.				4,530	1,725	2,805	2,734	1,034	1,700
Turkey in Asia	83,900	8,560	75,340	235	348	*−113*	336	238	98
Other Asia	4,982	593	4,389	1,222	506	716	1,497	808	689
America, total	508,682	229,926	278,754	708,219	64,293	643,926	152,331	123,847	28,984
Canada and Newfoundland.	329,316	195,872	133,444	422,433	13,655	408,778	109,572	11,745	97,827
Central America	6,423	1,984	4,439	7,652	3,442	4,210	4,347	3,876	471
Mexico	88,358	4,146	84,212	243,171	20,261	222,910	21,944	83,482	*−61,538*
South America	18,306	6,318	11,988	17,223	7,419	9,804	6,487	8,711	*−2,224*
West Indies	64,023	21,427	42,596	17,711	19,515	*−1,804*	10,473	16,024	*−5,551*
Other America	256	181	75	29	1	28	8	9	*−1*
Africa	5,985	1,161	4,824	2,445	701	1,744	1,350	938	412
Australia, Tasmania, New Zealand.	6,341	2,854	2,487	2,881	2,188	693	2,185	1,181	1,004
Pacific Islands, not specified.	483	163	20	160	114	46	108	196	*−88*

[1] Included with United Kingdom prior to 1925.
[2] Figures include Irish Free State prior to 1925; beginning 1925 figures shown under Ireland are for Northern Ireland only.

DEPARTED: BY COUNTRY OF LAST OR FUTURE PERMANENT RESIDENCE

by minus sign (—). For totals for period 1915–1919, see Statistical Abstract, 1929, p. 96, and for period issues of this publication through 1934

Fiscal year ended June 30—								Calendar year		Country
1931		1932		1933		1934		1934		
Admitted	Departed	Admitted	Departed	Admitted	Departed	Admitted	Departed	Admitted	Departed	
97, 139	*61, 882*	*35, 576*	*103, 295*	*23, 068*	*80, 031*	*29, 470*	*39, 771*	*34, 871*	*39, 183*	*All countries, total.*
61, 909	33, 135	20, 579	52, 101	12, 585	47, 691	17, 210	23, 626	21, 535	21, 149	**Europe, total.**
922	23	245	122	129	105	160	86	193	23	Albania.
738	270	301	452	228	348	310	158	530	159	Austria.
887	512	446	789	285	469	284	245	353	243	Hungary.
551	325	229	676	133	554	176	277	265	176	Belgium.
200	96	65	157	23	153	40	95	74	104	Bulgaria.
2, 016	1, 331	494	1, 862	294	1, 128	644	481	793	506	Czechoslovakia.
555	513	202	582	166	333	127	200	152	199	Denmark.
104	49	32	74	18	58	49	36	36	19	Estonia.
327	547	100	764	108	579	150	273	134	185	Finland.
1, 830	1, 978	854	2, 572	571	1, 702	707	1, 096	896	1, 145	France.
10, 401	3, 369	2, 670	5, 533	1, 919	5, 131	4, 392	3, 502	5, 582	3, 707	Germany.
1, 763	753	877	1, 406	532	1, 277	605	644	769	506	Greece.
6, 121	1, 556	441	2, 457	266	2, 804	327	1, 228	321	1, 049	Irish Free State.
13, 399	2, 410	6, 662	4, 866	3, 477	6, 270	4, 874	3, 047	5, 516	2, 490	Italy.
227	115	69	61	50	41	54	21	60	24	Latvia.
408	349	191	411	118	330	149	114	166	94	Lithuania.
1, 143	612	231	780	174	628	186	286	311	301	Netherlands.
1, 280	1, 437	348	1, 686	202	1, 602	235	866	295	683	Norway.
3, 604	2, 119	1, 296	2, 408	1, 332	1, 675	1, 032	785	1, 384	552	Poland.
542	204	248	1, 003	90	2, 166	225	502	307	360	Portugal.
933	504	465	768	247	530	247	318	301	329	Rumania.
335	433	244	1, 524	164	515	205	218	111	188	Russia.
476	1, 667	445	2, 998	198	2, 815	297	1, 168	353	1, 000	Spain.
1, 208	1, 583	328	2, 930	142	1, 822	195	625	224	857	Sweden.
864	411	235	778	163	537	193	328	205	304	Switzerland.
59	-------	62	5	82	7	60	2	73	8	Turk. in Europe.
10, 294	8, 215	2, 155	12, 321	1, 051	12, 792	1, 421	6, 414	1, 596	5, 414	U. Kingdom.[2]
4, 825	4, 588	1, 374	7, 019	712	7, 100	891	3, 845	1, 051	3, 491	*England.*
1, 184	552	98	621	72	649	116	411	130	204	Ireland.
3, 805	2, 860	633	4, 370	228	4, 739	375	1, 970	377	1, 616	Scotland.
390	215	50	311	39	304	39	188	29	103	Wales.
859	1, 317	508	1, 814	174	1, 048	184	523	243	448	Yugoslavia.
478	137	76	308	47	278	182	138	233	79	Other Europe.
3, 345	4, 405	1, 931	4, 018	552	5, 550	597	3, 772	661	3, 535	**Asia, total.**
1, 150	3, 375	750	3, 384	148	3, 551	187	2, 372	231	2, 225	China.
653	699	526	813	75	1, 074	86	842	95	848	Japan.
123	111	87	169	44	223	28	117	36	97	India.
630	110	439	255	220	314	246	274	234	217	Syria, Palestine, and Iraq.
139	20	43	55	27	82	22	62	27	60	Turkey in Asia.
650	90	86	242	38	306	28	105	28	88	Other Asia.
30, 816	*23, 943*	*12, 577*	*45, 784*	*9, 925*	*26, 408*	*11, 409*	*11, 939*	*11, 911*	*12, 058*	**America, total.**
22, 183	2, 895	8, 003	2, 181	6, 187	1, 827	7, 945	1, 613	8, 268	1, 451	Canada and Newfoundland.
1, 107	854	672	856	507	776	443	521	466	531	Central America.
3, 333	14, 442	2, 171	37, 074	1, 936	19, 110	1, 801	6, 501	1, 721	7, 159	Mexico.
1, 605	2, 010	702	2, 209	433	1, 695	355	1, 055	443	1, 010	South America.
2, 496	3, 742	1, 029	3, 463	862	2, 995	861	2, 247	1, 011	1, 905	West Indies.
2	-------	-------	1	-------	5	4	2	2	2	Other America.
417	160	186	221	71	209	104	168	98	175	Africa.
616	223	291	235	122	204	130	161	130	182	Australia, Tasmania, New Zealand.
36	16	12	36	15	19	20	105	45	2, 084	Pacific Islands, not specified.

Source: Immigration and Naturalization Service, Department of Labor.

No. 100.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS

NOTE.—Excess of departures indicated by minus sign (−). For percentage distribution of immigrants, the same and subsequent issues

Race or people	Fiscal years ended June 30—								
	1910–1914, total			1925–1929, total			1930–1934, total		
	Admitted	Departed	Excess	Admitted	Departed	Excess	Admitted	Departed	Excess
Total	6,174,701	1,442,892	3,731,809	1,520,910	389,746	1,131,164	426,953	335,690	91,263
African (black)	33,527	6,603	26,924	4,850	4,043	807	3,135	3,986	*−851*
Armenian	30,960	4,164	26,796	4,291	314	3,977	2,087	212	1,875
Bohemian and Moravian (Czech)	47,143	5,182	41,961	9,408	7,955	1,453	1,207	2,468	*−1,261*
Bulgarian, Serbian, Montenegrin	60,180	35,846	24,334	2,706	7,751	*−4,985*	1,547	3,611	*−2,064*
Chinese	9,061	11,957	*−2,896*	6,149	13,049	*−11,900*	2,331	15,841	*−13,510*
Croatian and Slovenian	162,693	59,480	103,213	4,046	2,320	1,726	2,507	2,026	481
Cuban	17,088	7,964	9,074	8,506	6,002	2,504	3,831	5,804	*−1,973*
Dalmatian, Bosnian, Herzegovinian	22,662	4,021	18,631	409	2,100	*−1,691*	277	700	*−423*
Dutch and Flemish	64,882	9,094	55,788	15,299	5,421	9,878	7,930	5,466	2,530
East Indian	2,824	675	2,149	240	416	*−176*	167	644	*−477*
English	267,713	48,262	219,451	198,394	42,232	156,162	58,591	34,631	23,960
Finnish	57,717	15,637	42,080	3,045	2,747	298	1,348	3,344	*−1,996*
French	96,439	18,567	77,872	99,710	7,835	91,875	23,736	9,516	14,220
German	363,930	67,420	296,510	279,265	29,845	249,420	58,616	27,443	31,173
Greek	192,247	76,093	110,154	10,883	19,305	*−8,422*	8,944	5,331	3,613
Hebrew	495,459	33,031	462,428	56,160	1,298	54,862	26,479	1,773	24,706
Irish	183,471	19,005	164,466	198,977	7,397	191,580	50,138	13,603	36,535
Italian (north)	174,871	64,304	110,567	11,191	15,298	*−4,107*	6,961	3,182	3,779
Italian (south)	971,366	352,486	618,880	61,331	70,690	*−17,359*	45,481	17,926	27,555
Japanese	30,788	10,756	20,032	3,178	5,505	*−2,327*	2,051	4,338	*−2,287*
Korean	276	320	*−44*	196	181	15	73	152	*−80*
Lithuanian	100,050	17,181	82,869	2,006	1,918	88	1,162	1,421	*−259*
Magyar	146,045	72,833	73,212	5,464	4,883	581	3,649	2,851	798
Mexican	82,588	3,434	79,154	238,527	19,852	218,675	19,184	83,055	*−63,871*
Pacific Islander	88	12	76	19	21	*−2*	6	28	*−22*
Polish	581,979	145,735	436,244	18,347	14,603	3,744	8,581	8,760	*−179*
Portuguese	47,742	7,472	40,270	4,053	12,396	*−8,343*	1,987	4,459	*−2,472*
Rumanian	65,360	19,881	45,479	2,150	5,443	*−3,293*	986	2,322	*−1,336*
Russian	155,002	51,004	103,998	6,013	3,168	2,845	3,689	2,679	1,010
Ruthenian	134,911	21,454	113,457	2,560	245	2,315	889	184	705
Scandinavian (Norwegians, Danes, and Swedes)	204,287	40,812	163,475	96,891	18,190	78,701	15,070	17,735	*−2,665*
Scotch	110,820	16,572	94,248	125,448	10,342	115,106	40,238	17,805	22,433
Slovak	132,165	58,986	73,179	6,811	3,361	3,450	5,723	4,244	1,479
Spanish	43,081	13,805	29,276	4,289	14,557	*−10,268*	3,280	12,090	*−8,810*
Spanish-American	5,302	2,103	4,199	14,802	7,993	6,809	7,376	8,776	*−1,400*
Syrian	35,519	5,219	30,300	2,867	1,250	1,617	1,683	617	1,068
Turkish	8,245	6,244	2,001	668	697	*−31*	405	302	103
Welsh	12,109	1,444	10,665	7,163	422	6,741	2,858	1,409	1,449
West Indian (other than Cuban)	5,990	2,523	3,467	1,853	3,405	*−1,552*	1,340	3,535	*−2,189*
Other peoples	17,181	[1] 104,411	*−87,230*	2,197	1,295	902	1,396	1,471	*−75*

[1] Includes 99,042 whose race was not specified.

DEPARTED WITH EXCESS OF ADMISSIONS OR DEPARTURES: BY RACE

see table 101. For totals for period 1915-19, see Statistical Abstract, 1929, p. 29, and for period 1920-24, of this publication through 1934

Fiscal year ended June 30—												Calendar year 1934	
1931		1932		1933		1934							
						Admitted			Departed				
Admitted	Departed	Admitted	Departed	Admitted	Departed	Total	Male	Female	Total	Male	Female	Admitted	Departed
97,139	61,882	35,576	103,295	23,068	80,081	29,470	13,101	17,369	39,771	24,481	15,290	34,371	39,183
884	737	183	811	84	1,058	178	83	95	604	240	364	246	666
519	40	316	45	251	47	211	53	158	23	18	5	186	28
266	792	110	676	66	264	112	42	70	162	112	50	140	154
429	927	184	954	92	582	98	37	61	302	260	42	144	236
748	3,333	545	3,311	44	3,500	24	3	21	2,293	2,103	190	33	2,152
668	382	299	781	117	367	109	42	67	216	180	36	134	200
717	1,363	409	1,227	337	880	246	126	120	1,060	702	358	296	788
69	119	51	238	20	140	29	13	16	84	54	30	39	72
2,001	1,238	497	1,433	220	1,178	405	210	195	559	342	217	536	491
65	95	50	166	1	199	-------	-------	-------	119	112	7	-------	108
12,703	6,582	4,491	8,478	2,943	8,269	3,494	1,325	2,169	4,841	2,463	2,378	3,664	4,407
310	694	133	1,227	137	751	212	94	118	341	163	178	200	226
4,908	2,040	1,873	2,646	1,393	1,706	1,791	605	1,186	1,179	581	598	1,801	1,205
13,813	4,379	3,902	6,953	2,726	6,152	3,760	1,485	2,275	4,227	2,017	2,210	4,774	4,418
2,663	816	1,105	1,607	687	1,402	696	188	508	721	558	163	901	576
5,692	319	2,755	452	2,372	334	4,134	2,071	2,063	319	205	114	5,264	294
10,814	2,379	1,570	3,509	1,258	3,812	1,549	622	927	1,963	1,013	950	1,555	1,502
1,731	389	1,118	666	621	889	669	248	421	483	333	150	747	363
12,239	2,391	5,697	4,705	3,017	5,703	4,034	1,611	2,423	2,831	2,212	619	5,123	2,294
626	696	503	781	60	1,041	66	35	31	816	608	208	70	814
21	28	19	25	2	49	4	1	3	27	22	5	-------	32
320	348	171	420	124	346	121	37	84	113	61	52	131	92
999	562	441	808	321	532	346	160	186	281	173	108	434	254
2,627	14,406	1,674	36,992	1,514	18,977	1,454	589	865	6,384	3,973	2,411	1,362	7,061
6	3	-------	6	-------	5	-------	-------	-------	7	6	1	-------	12
2,008	2,101	639	2,375	516	1,627	494	224	270	733	459	274	717	532
626	307	265	1,105	94	2,174	222	92	130	537	392	145	307	423
245	470	112	668	96	464	101	36	65	291	193	98	112	306
967	532	448	970	278	444	362	131	231	261	144	117	368	239
168	24	90	70	70	52	98	32	66	26	19	7	111	21
3,947	3,761	1,206	5,403	669	3,958	770	354	416	1,838	1,039	799	910	1,834
7,618	3,435	1,902	4,724	1,096	5,168	1,505	574	931	2,268	1,144	1,124	1,546	1,839
1,474	576	336	1,438	189	1,102	510	251	259	370	247	123	652	401
734	2,214	621	3,606	343	3,204	413	218	195	1,290	1,039	251	492	1,147
1,848	2,023	1,043	2,097	690	1,733	558	251	307	1,182	703	479	612	1,126
344	70	284	164	203	173	217	82	135	124	81	43	197	99
75	28	60	84	45	95	50	14	36	69	53	16	58	71
550	257	104	389	68	381	93	40	53	202	108	94	84	138
428	852	128	836	73	742	117	37	80	368	156	212	146	240
279	174	242	449	131	436	218	85	133	257	193	64	279	2,214

Source: Immigration and Naturalization Service, Department of Labor.

No. 101.—IMMIGRANT ALIENS ADMITTED: PERCENTAGES, BY RACE OR PEOPLE, YEARS ENDED JUNE 30

Race or people	1910–1914	1925–1929	1930–1934	1933	1934
Total	100.0	100.0	100.0	100.0	100.0
African (black)	.6	.3	.7	.4	.6
Armenian	.6	.3	.5	1.1	.7
Bohemian and Moravian (Czech)	.9	.6	.3	.3	.4
Bulgarian, Serbian, Montenegrin	1.2	.2	.4	.4	.3
Chinese	.2	.4	.5	.2	.1
Croatian and Slovenian	3.1	.3	.6	.5	.4
Cuban	.3	.6	.9	1.5	.8
Dalmatian, Bosnian, Herzegovinian	.4	(1)	.1	.1	.1
Dutch and Flemish	1.3	1.0	1.9	1.4	1.4
East Indian	.1	(1)	(1)	(1)	(1)
English	5.2	13.0	13.7	12.8	11.9
Finnish	1.1	.2	.3	.6	.7
French	1.9	6.6	5.6	6.0	6.1
German	7.0	18.4	13.7	11.8	12.8
Greek	3.7	.7	2.1	3.0	2.4
Hebrew	9.6	3.7	6.2	10.3	14.0
Irish	3.5	13.1	11.7	5.4	5.3
Italian (north)	3.4	.7	1.6	2.7	2.3
Italian (south)	18.8	4.1	10.7	13.1	13.7
Japanese	.6	.2	.5	.3	.2
Korean	(1)	(1)	(1)	(1)	(1)
Lithuanian	1.9	.1	.3	.5	.4
Magyar	2.8	.4	.9	1.4	1.2
Mexican	1.6	15.7	4.5	6.6	4.9
Polish	11.2	1.2	2.0	2.2	1.7
Portuguese	.9	.3	.5	.4	.8
Rumanian	1.3	.1	.2	.4	.3
Russian	3.0	.4	.9	1.2	1.2
Ruthenian	2.6	.2	.2	.3	.3
Scandinavian [2]	3.9	6.4	3.5	2.9	2.6
Scotch	2.1	8.2	9.4	4.7	5.1
Slovak	2.6	.4	1.3	.8	1.7
Spanish	.8	.3	.8	1.5	1.4
Spanish-American	.1	1.0	1.7	3.0	1.9
Syrian	.7	.2	.4	.9	.7
Turkish	.2	(1)	.1	.2	.2
Welsh	.2	.5	.7	.3	.3
West Indian (other than Cuban)	.1	.1	.3	.3	.4
Other peoples	.3	.1	.3	.6	.7

[1] Less than one-tenth of 1 percent. [2] Norwegians, Danes, and Swedes.

No. 102.—QUOTA AND NONQUOTA IMMIGRANTS ADMITTED: BY COUNTRY OR REGION OF BIRTH, YEAR ENDED JUNE 30, 1934

NOTE.—See headnote table 103

Country	Quota immigrants	Nonquota immigrants		
		From nonquota countries [1]	Returning residents	Other exempt classes
All countries	12,488	8,237	55,169	8,580
Europe, total	11,719	49	45,416	8,066
Albania	57	----	149	115
Austria	229	----	421	96
Belgium	104	----	355	52
Bulgaria	17	----	25	23
Czechoslovakia	389	----	763	403
Denmark	101	----	644	44
Finland	114	----	520	60
France	308	3	2,234	130
Germany	3,515	----	10,669	744
Greece	200	----	582	369
Hungary	209	----	283	120
Irish Free State	322	----	4,401	166
Italy	1,302	18	4,957	3,130
Lithuania	124	----	200	88
Netherlands	136	----	481	44
Norway	155	----	1,629	95
Poland	1,138	1	1,147	745
Portugal [2]	166	1	882	55
Rumania	199	----	229	199
Russia	407	1	382	235
Spain	228	3	1,299	142
Sweden	153	1	2,051	71
Switzerland	133	----	712	59
Turkey in Europe	39	----	36	40
United Kingdom:				
England	933	22	4,849	433
N. Ireland	137	1	888	46
Scotland	443	3	3,695	133
Wales	53	----	289	19
Yugoslavia	110	----	362	141
Other Europe	238	----	282	69
America, total	159	8,186	5,478	862
Canada and Newfoundland	----	5,663	1,393	561
Mexico	----	1,491	942	69
West Indies	145	370	2,329	149
Central and South America	8	662	809	83
Other America	6	----	5	----
Asia, total	433	2	3,987	571
China	37	1	1,039	182
India	31	----	61	44
Japan	2	----	2,611	110
Palestine	27	----	52	23
Syria	87	1	78	77
Turkey in Asia	185	----	77	115
Other Asia	64	----	69	20
Africa	59	----	86	28
Australia and New Zealand	102	----	174	46
Other countries	11	----	28	7

[1] Admitted as natives of nonquota countries and as their wives and unmarried children born in quota countries.

[2] Including Azores, Cape Verde, and Madeira Islands.

Source of tables 101 and 102: Immigration and Naturalization Service, Department of Labor.

No. 103.—IMMIGRATION QUOTAS ALLOTTED, AND QUOTA ALIENS ADMITTED: BY COUNTRY OR REGION OF BIRTH, YEARS ENDED JUNE 30

NOTE.—The Immigration Act of 1921 limited the number of aliens admitted annually of any nationality subject to the quota law, to 3 per cent of the number of foreign-born persons of such nationality resident in continental United States as determined by the census of 1910; the population plan of the act of 1924, to 2 per cent according to the census of 1890. The national origins clause of the latter act, which became effective July 1, 1929, provided that the quota of any nationality should be computed by applying to 150,000 the ratio between the calculated number of inhabitants in continental United States in 1920 owing their origin to the nationality concerned and the total inhabitants in the United States of all nationalities subject to the 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 the act of 1924 the minimum quota is 100. Both immigrant and nonimmigrant aliens may appear in quota law statistics, or aliens of both classes may not be counted against quotas at all

Country or region	Under Immigration Act of 1921, annual quota [1]	Under Immigration Act of 1924							
		Annual quota, 1925–1929	Admitted, 1925–1929, total	Annual quota, 1930 to 1934 [2]	Admitted				
					1930	1931	1932	1933	1934
All countries	357,803	164,667	761,622	153,774	141,497	54,118	12,968	8,220	12,483
Europe	350,061	161,422	749,911	150,501	137,018	51,153	12,022	7,634	11,719
Albania	288	100	472	100	110	81	102	75	57
Austria	7,342	785	4,213	1,413	1,417	524	187	121	229
Belgium	1,563	512	2,652	1,304	1,118	524	117	59	104
Bulgaria	302	100	509	100	95	52	11	11	17
Czechoslovakia	14,357	3,073	14,668	2,874	2,808	1,448	304	171	389
Danzig, Free City of	301	228	1,065	100	112	52	6	10	8
Denmark	5,619	2,789	13,114	1,181	1,144	516	209	123	101
Estonia	1,348	124	612	116	112	71	15	17	36
Finland	3,921	471	2,363	569	559	300	69	72	114
France	5,729	3,954	17,730	3,086	2,812	1,226	288	257	308
Germany	67,607	51,227	242,303	25,957	27,119	10,100	2,086	1,324	3,515
Greece	3,063	100	737	307	302	308	141	108	200
Hungary	5,747	473	2,445	869	864	624	329	187	209
Irish Free State [3]	----------	28,567	132,715	17,853	19,692	6,780	452	282	322
Italy	42,057	3,845	18,383	5,802	5,510	4,245	2,012	1,109	1,362
Latvia	1,540	142	754	236	202	138	43	29	48
Lithuania	2,629	344	1,828	386	398	305	181	96	124
Luxemburg	92	100	495	100	96	41	7	4	2
Netherlands	3,607	1,648	7,708	3,163	2,788	1,142	185	128	136
Norway	12,202	6,453	30,335	2,377	2,546	1,156	260	141	155
Poland	30,977	5,982	29,000	6,524	6,456	2,841	917	961	1,138
Portugal	2,465	503	2,449	440	433	433	201	69	166
Rumania	7,419	603	3,783	[2]377	670	497	318	236	199
Russia	24,405	2,248	10,018	[2]2,712	2,231	1,537	528	309	407
Spain	912	131	805	252	332	263	191	104	228
Sweden	20,042	9,561	44,849	3,314	3,204	1,247	290	105	153
Switzerland	3,752	2,081	9,083	1,707	1,605	797	132	122	133
Turkey	2,654	100	431	226	65	20	33	34	39
United Kingdom [3]	77,342	34,007	148,660	65,721	50,275	12,934	2,090	1,171	1,566
Yugoslavia	6,426	671	3,081	845	782	523	252	105	110
Other Europe	353	[4]500	[5]1,991	[4]500	[5]909	[5]428	[5]57	[5]34	[5]144
Asia	1,281	[4]1,424	[5]4,927	[4]1,423	[5]2,150	[5]1,344	[5]530	[5]392	[5]433
Africa	122	[4]1,200	[5]1,667	[4]1,200	[5]330	[5]231	[5]99	[5]35	[5]59
Australia, New Zealand, and Pacific islands	359	[4]621	[5]1,470	[4]650	[5]284	[5]246	[5]182	[5]92	[5]113
Western Hemisphere	----------	(4)	[5]3,647	(4)	[5]1,717	[5]1,144	[5]150	[5]67	[5]159

[1] Quota for 1924; revisions from 1922 or 1923 allotments for certain countries were made due to changes in boundaries or other adjustments. Quota immigrants admitted, 1922 to 1924, are as follows: 1922, 243,953; 1923, 335,480; 1924, 357,643. For admissions by countries see the 1934 and previous issues of the Statistical Abstract.

[2] Quota for 1934. The total quota for 1930 and 1931 was 153,714; for 1932 and 1933, 153,831; Russia's quota was 2,784 for 1930 and 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] All Ireland included with United Kingdom prior to 1925; thereafter, Northern Ireland only.

[4] Annual quotas for colonies, dependencies, or protectorates in "Other Europe", Asia, Africa, Pacific islands, and America are included in the annual quotas of the European countries to which they belong.

[5] Includes quota immigrants born in colonies, dependencies, or protectorates of European countries.

Source: Immigration and Naturalization Service, Department of Labor.

No. 104.—ALIENS DEPORTED FROM THE UNITED STATES: YEARS ENDED JUNE 30

NOTE.—In addition to the 8,879 aliens formally deported in 1934, 8,010 aliens subject to deportation were permitted to leave the country, either without the institution of deportation proceedings or before their conclusion, and 446 indigent aliens were returned to their native land at their own request

	1932	1933	1934
Total	19,426	19,865	8,879
Destined to Europe	6,580	5,904	2,418
Austria	55	34	13
Belgium	80	76	26
Czechoslovakia	304	217	111
Denmark	135	91	28
Finland	161	139	34
France	70	47	30
Germany	596	545	200
Great Britain	853	811	370
Greece	304	400	156
Hungary	87	68	35
Ireland	236	247	117
Italy	996	1,043	529
Netherlands	115	111	48
Norway	188	220	73
Poland	389	300	113
Portugal	277	279	75
Rumania	268	185	66
Spain	508	434	96
Sweden	138	115	58
Yugoslavia	477	315	128
Other Europe	223	227	100
Destined to:			
Canada and Newfoundland	2,367	2,239	1,592
Mexico	7,116	7,750	3,883
West Indies	236	283	169
Destined to—Contd.			
Other America	302	287	151
China	2,379	2,642	442
Japan	160	284	95
Other countries	336	476	169
Race or people:			
African (black)	271	285	192
Chinese	2,380	2,573	405
Dutch and Flemish	202	205	98
English	1,243	1,078	602
French	587	554	481
German	935	806	354
Irish	671	609	301
Italian	1,055	1,145	583
Japanese	161	280	90
Mexican	7,049	7,772	3,860
Polish	437	326	119
Scandinavian	513	474	186
Scotch	513	549	272
Spanish	599	502	135
All others	2,810	2,617	1,111
Causes for deportation:			
Public charges from causes existing prior to entry	492	534	309
Mentally or physically defective at time of entry	615	522	293
Criminal and immoral classes	2,804	2,796	2,094
Miscellaneous causes	15,515	16,013	6,123

No. 105.—ALIENS REGISTERED UNDER THE ACT OF MARCH 2, 1929

NOTE.—Under the terms of an act of Congress approved March 2, 1929, legalizing permanent residence in the United States of aliens who entered without proper inspection prior to June 3, 1921, when the first quota law went into effect, the examination must determine whether the following facts exist: (1) That the applicant is an alien not ineligible to citizenship; (2) that there is no record of admission for permanent residence; (3) that he entered the United States prior to June 3, 1921; (4) that he has resided in the United States continuously since such entry; (5) that he is a person of good moral character; and (6) that he is not subject to deportation

	Year ended June 30—			
	1930–1934, total	1932	1933	1934
Total	48,601	14,144	6,229	4,868
Born in:				
Germany	2,527	531	270	218
Great Britain	2,555	680	283	230
Greece	1,979	423	213	143
Ireland	1,367	443	147	90
Italy	3,697	1,020	538	366
Poland	6,090	1,956	785	550
Scandinavia	2,561	595	243	212
Other Europe	11,730	3,157	1,420	978
Canada	8,493	3,237	1,032	823
Mexico	6,038	1,391	857	945
Other countries	2,564	711	441	327
Entered the United States at:				
New York, N.Y.	20,063	5,838	2,712	1,792
Other Atlantic ports	5,724	1,493	671	490
Pacific and Gulf ports	2,443	587	315	239
Canadian land border	15,139	4,784	1,659	1,401
Mexican land border	6,232	1,437	872	906
Entered:				
By boat	33,018	9,191	4,213	3,010
By railway	11,727	3,786	1,391	1,201
By automobile	535	134	55	50
By wagon, etc.	743	141	110	103
Afoot	3,578	892	460	524
Prior to 1891	1,910	806	47	5
1891 to 1900	3,138	1,390	85	30
1901 to 1910	13,364	4,832	1,773	1,172
1911 to 1920	28,338	6,507	3,972	3,395
Jan. 1 to June 2, 1921	2,851	543	352	286
Race or people:				
English	4,507	1,532	551	397
German	3,722	932	418	361
Greek	2,310	488	257	182
Hebrew	4,535	1,337	512	309
Irish	2,820	998	313	225
Italian	3,490	960	529	360
Mexican	5,933	1,300	838	932
Scandinavian	2,758	644	267	233
All other	19,514	5,893	2,544	1,889
Sex:				
Male	40,931	11,270	5,065	4,059
Female	8,670	2,874	1,164	829

Source of tables 104 and 105: Immigration and Naturalization Service, Department of Labor.

No. 106.—ARRIVALS AND DEPARTURES OF ALIENS AND CITIZENS

Class	1925–1929, average	1930–1934, average	1931	1932	1933	1934
Aliens and citizens:						
Arrivals	888,385	610,215	720,576	514,133	455,729	437,161
Departures	632,323	632,371	737,302	668,494	582,347	439,263
Excess of arrivals (+) or departures (−)	+256,062	−22,156	−16,726	−154,361	−126,618	−2,102
Aliens, total:						
Arrivals	494,500	243,279	280,679	174,871	150,728	163,904
Departures	246,721	254,394	290,916	287,657	243,802	177,172
Excess of arrivals (+) or departures (−)	+247,779	−11,115	−10,237	−112,786	−93,074	−13,268
Aliens, immigrant or emigrant:						
Arrivals	304,182	85,391	97,139	35,576	23,068	29,470
Departures	77,949	67,138	61,882	103,295	80,081	39,771
Excess of arrivals (+) or departures (−)	+226,233	+18,253	+35,257	−67,719	−57,013	−10,301
Aliens, nonimmigrant or nonemigrant:						
Arrivals	190,318	157,888	183,540	139,295	127,660	134,434
Departures	168,772	187,256	229,034	184,362	163,721	137,401
Excess of arrivals (+) or departures (−)	+21,546	−29,368	−45,494	−45,067	−36,061	−2,967
Citizens:						
Arrivals	393,885	366,935	439,897	339,262	305,001	273,257
Departures	385,602	377,976	446,386	380,837	338,545	262,091
Excess of arrivals (+) or departures (−)	+8,283	−11,041	−6,489	−41,575	−33,544	+11,166
Citizens permanently departed:						
Naturalized	3,675	1,213	1,417	1,319	1,051	683
Native-born	20,579	20,245	18,576	32,608	20,238	10,603

No. 107.—ARRIVALS OF PASSENGERS AT THE PRINCIPAL PORTS FROM FOREIGN COUNTRIES: YEARS ENDED JUNE 30

NOTE.—Figures for immigrants and nonimmigrant aliens cover admissions only. In addition, there are debarred aliens among the arrivals who, after being examined, are found inadmissible and returned to the countries whence they came

Port and class	1910–1914, average	1915–1919, average	1920–1924, average	1925–1929, average	1930–1934, average	1932	1933	1934
United States, total	1,488,422	454,192	963,630	838,385	610,215	514,133	455,729	437,161
United States citizens	273,262	131,643	246,640	393,885	366,935	339,262	305,001	273,257
Immigrants	1,034,940	234,536	554,920	304,182	85,391	35,576	23,068	29,470
Nonimmigrant aliens	180,220	88,013	162,070	190,318	157,889	139,295	127,660	134,434
New York	1,048,710	193,356	571,942	551,927	425,507	362,192	328,990	313,989
United States citizens	173,578	55,192	101,265	272,872	264,346	246,946	226,771	203,370
Immigrants	759,791	100,070	321,403	153,683	52,678	21,500	12,944	17,574
Nonimmigrant aliens	115,341	37,194	99,274	125,372	108,483	93,746	89,275	93,045
Boston	78,896	13,084	30,329	19,445	19,117	11,799	12,129	10,858
United States citizens	11,498	2,723	4,486	8,223	12,278	7,711	7,820	6,086
Immigrants	52,474	8,801	24,168	7,162	2,832	660	422	643
Nonimmigrant aliens	9,925	1,510	1,675	4,060	4,007	3,428	3,887	4,229
Philadelphia	54,823	2,385	10,627	815	1,191	1,099	502	521
United States citizens	3,506	462	1,355	413	950	879	325	355
Immigrants	48,547	1,667	8,597	150	40	21	12	21
Nonimmigrant aliens	2,770	256	675	252	201	199	165	145
Baltimore	31,283	914	511	198	1,148	1,347	1,642	2,064
United States citizens	1,126	76	132	110	952	1,138	1,453	1,714
Immigrants	29,395	780	317	50	60	58	37	95
Nonimmigrant aliens	762	58	62	38	134	151	152	255
New Orleans	11,674	11,199	11,052	13,050	9,555	8,755	7,408	7,230
United States citizens	7,837	6,808	6,474	9,246	7,426	6,991	5,993	5,889
Immigrants	1,791	1,931	1,407	847	427	401	262	156
Nonimmigrant aliens	2,046	2,460	3,171	2,957	1,702	1,363	1,151	1,185
San Francisco	14,053	19,587	24,738	16,245	13,554	12,208	10,073	11,838
United States citizens	5,389	5,460	6,976	6,791	7,224	7,271	5,933	7,185
Immigrants	4,776	8,442	7,659	2,297	1,498	1,160	395	433
Nonimmigrant aliens	3,887	5,685	10,103	7,157	4,832	3,777	3,745	4,220
Seattle	4,627	6,911	8,733	5,583	4,179	4,205	3,121	3,276
United States citizens	794	614	1,739	2,332	2,161	2,233	1,703	1,955
Immigrants	2,208	3,938	4,046	959	333	342	29	34
Nonimmigrant aliens	1,625	2,359	2,948	2,292	1,685	1,630	1,389	1,287

Source of tables 106 and 107: Immigration and Naturalization Service, Department of Labor.

No. 108.—CERTIFICATES OF NATURALIZATION ISSUED: BY STATES AND INSULAR AREAS AND BY SEX, YEARS ENDED JUNE 30

	1931	1932	1933	1934
Total	143,495	136,600	113,363	113,669
New England	18,573	21,185	15,871	13,593
Maine	353	450	407	371
New Hampshire	387	479	358	372
Vermont	192	277	319	202
Massachusetts	12,356	14,727	10,396	8,636
Rhode Island	1,620	1,590	1,037	948
Connecticut	3,665	3,662	3,444	3,064
Middle Atlantic	66,317	61,155	58,915	59,853
New York	46,061	41,834	44,650	45,722
New Jersey	9,290	10,298	7,572	7,129
Pennsylvania	10,966	9,023	6,693	6,802
East North Central	35,010	31,978	21,597	22,571
Ohio	5,811	4,585	3,469	3,488
Indiana	1,328	1,080	752	863
Illinois	13,850	12,252	7,880	6,949
Michigan	11,437	11,857	7,482	9,110
Wisconsin	2,584	2,204	2,014	2,161
West North Central	5,901	5,227	3,709	3,703
Minnesota	2,241	1,996	1,417	1,475
Iowa	940	759	523	441
Missouri	1,139	1,108	892	779
North Dakota	319	309	208	294
South Dakota	287	279	124	166
Nebraska	689	560	343	350
Kansas	286	216	202	102
South Atlantic	2,484	1,962	1,416	1,666
Delaware	144	120	85	111
Maryland	761	556	385	475
District of Columbia	366	369	269	362
Virginia	153	114	86	101
West Virginia	461	347	182	218
North Carolina	92	29	20	40
South Carolina	46	39	24	31
Georgia	83	87	67	60
Florida	378	301	298	268
East South Central	408	355	198	256
Kentucky	147	120	65	104
Tennessee	120	87	59	83
East South Central—Continued				
Alabama	85	104	51	40
Mississippi	54	44	23	23
West South Central	1,057	812	815	835
Arkansas	29	37	28	24
Louisiana	220	171	198	181
Oklahoma	135	118	88	81
Texas	673	486	501	549
Mountain	1,461	1,606	1,177	1,242
Montana	379	371	289	271
Idaho	112	114	91	100
Wyoming	147	177	117	110
Colorado	360	425	225	315
New Mexico	60	69	47	42
Arizona	136	174	147	151
Utah	168	173	147	175
Nevada	99	103	114	78
Pacific	11,968	11,831	9,307	9,649
Washington	2,062	1,899	1,597	1,672
Oregon	661	563	446	514
California	9,245	9,369	7,264	7,463
Insular areas	318	489	358	501
Alaska	166	161	95	155
Hawaii	98	220	201	248
Puerto Rico	54	98	59	98
Virgin Islands		10	3	2
Entire United States	143,495	136,600	113,363	113,669
Civilian	140,271	136,598	112,368	110,867
Military	3,224	2	995	2,802
Male	106,715	95,901	78,293	82,465
Female	36,780	40,699	35,070	31,204
Cont'l United States:				
Male	106,477	95,609	78,124	82,182
Female	36,700	40,502	34,881	30,986
Insular areas:				
Male	238	292	169	283
Female	80	197	189	218

No. 109.—CERTIFICATES OF NATURALIZATION ISSUED: BY COUNTRIES OF FORMER ALLEGIANCE, YEARS ENDED JUNE 30

Nationality	1931	1932	1933	1934
All countries	143,495	136,600	113,363	113,669
Europe	137,350	131,079	108,905	109,248
Albania	294	217	158	133
Austria	2,476	1,970	1,765	1,589
Belgium	637	564	422	413
British Empire	32,519	37,046	31,529	30,008
Bulgaria	214	200	121	125
Czechoslovakia	4,332	4,032	3,150	3,105
Denmark	1,482	1,445	1,147	1,220
Estonia	178	143	90	83
Finland	1,149	1,265	918	927
France	877	905	830	860
Germany	17,592	17,854	16,405	18,008
Greece	3,172	2,335	1,704	1,727
Hungary	4,421	2,224	1,592	1,633
Italy	22,756	20,886	16,331	17,053
Latvia	399	405	334	275
Lithuania	1,893	1,900	1,612	1,460
Netherlands	1,180	1,134	749	798
Norway	2,813	2,788	2,165	2,161
Poland	15,401	14,280	12,091	12,392
Portugal	824	792	645	727
Rumania	2,524	2,093	1,716	1,617
Europe—Continued				
Russia	9,521	7,621	6,747	6,072
Spain	594	551	611	649
Sweden	4,830	4,087	3,019	3,028
Switzerland	1,225	1,217	893	956
Yugoslavia	3,319	2,974	2,065	2,132
Other Europe	222	151	90	97
Palestine	125	95	89	68
Syria	588	491	397	397
Turkey	1,550	1,257	1,000	917
Other Asia	80	74	201	213
Philippine Islands	29	16	19	25
Mexico	178	248	278	346
Other West Indies	90	82	99	105
Central America	358	58	56	65
South America	363	333	347	380
Africa	39	24	50	66
Countries not specified	318	489		
Repatriated Americans	2,427	2,354	1,922	1,839

Source of tables 108 and 109: Immigration and Naturalization Service, Department of Labor.

No. 110.—SUMMARY OF PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: CONTINENTAL UNITED STATES

	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] [3] 18,543,201	[1] [3] 21,404,322	[1] 24,239,948
Per cent of total population	31.3	30.1	29.6	28.3	26.4
Pupils enrolled in public schools	6,871,522	9,867,395	12,722,635	15,503,110	17,813,852
Per cent of total population	17.82	19.67	20.32	20.51	19.37
Per cent of population 5–17, incl	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
Per cent of pupils enrolled	59.3	62.3	64.1	68.6	72.1
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
Per cent 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)	63,397	78,095	140,507	214,965	426,250
Per capita of total population	$1.64	$1.56	$2.24	$2.84	$4.64
Per capita of population 5–17, inclusive	$5.26	$5.18	$7.58	$10.04	$17.58
Per capita of enrollment	$9.23	$7.91	$11.04	$13.87	$23.93

	1920	1926	1928	1930	1932
Total population	[1] 105,710,620	[3] 116,531,963	[3] 119,861,607	[1] 122,775,046	[3] 124,822,000
Population 5–17 years, inclusive	[1] 27,728,788	[3] 30,165,515	[3] 30,915,278	[1] 31,571,322	[3] [2] 32,031,549
Per cent of total population	26.2	[4] 25.9	[4] 25.8	25.7	25.7
Pupils enrolled in public schools	21,578,316	24,741,468	25,179,696	25,678,015	26,275,441
Per cent of total population	20.4	[4] 21.2	[4] 21.0	20.9	21.1
Per cent of population 5–17, incl	77.8	82.0	81.4	81.3	82.0
Average daily attendance	16,150,035	19,855,881	20,608,353	21,264,886	22,245,344
Per cent of pupils enrolled	74.8	80.3	81.8	82.8	84.7
Average number of days schools in session	161.9	169.3	171.5	172.7	171.2
Average number of days attended per enrolled pupil	121.2	135.9	140.4	143.0	144.9
Number of teachers	679,533	814,169	831,934	854,263	871,607
Male	95,666	138,810	138,193	141,771	153,861
Female	583,867	675,359	693,741	712,492	717,746
Per cent male teachers	14.1	17.0	16.6	16.6	17.7
Salaries: Teachers, supervisors, and principals (thousands of dollars)	590,120	1,061,583	1,164,583	1,250,427	1,265,444
Average annual salary per teacher	[5] $871	[5] $1,277	[5] $1,364	[5] $1,420	[5] $1,417
Total expenditure for education (thousands of dollars)	1,036,151	2,026,308	2,184,337	2,316,790	2,174,651
Per capita of total population	$9.80	[4] $17.39	[4] $18.23	$18.87	$17.42
Per capita of population 5–17, inclusive	$37.37	$67.17	$70.67	$73.38	$67.89
Per capita of enrollment	$48.02	$81.90	$86.75	$90.22	$82.76

[1] Census enumeration as of June 1, 1870 to 1900, Apr. 15, 1910, Jan. 1, 1920, and Apr. 1, 1930.
[2] Excluding the population of Indian Territory which is not included in public-school statistics, and also for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.
[3] Census estimates for July 1.
[4] Computed from the above revised estimates of population.
[5] Computed from number of teaching positions plus supervisors and principals whose salaries are included.

Source: Office of Education, Department of the Interior.

No. 111.—ELEMENTARY, SECONDARY, NORMAL SCHOOL, AND COLLEGE ENROLLMENTS AND EXPENDITURES: CONTINENTAL UNITED STATES

Schools	1900	1910	1920	1930	1932
ENROLLMENT					
Elementary and kindergarten, total	16,224,764	18,449,828	20,894,171	23,588,479	23,566,653
Kindergartens (public and private)	*225,394*	[1] *546,189*	*610,949*	*777,899*	*763,699*
Public elementary schools and kindergartens	14,983,859	16,898,791	19,378,927	21,278,593	[2] 21,182,472
Private elementary schools and kindergartens (largely estimated)	1,240,925	1,551,037	1,515,244	2,309,886	2,384,181
Secondary students, total	695,903	1,111,393	2,494,676	4,799,867	5,592,872
Public high schools	519,251	915,061	[3] 2,199,389	[3] 4,309,422	[3] 5,140,021
Private high schools	110,797	117,400	[3] 213,920	[4] 341,153	[5] 403,415
Preparatory schools (in colleges and universities)	56,285	66,042	59,309	47,309	33,750
Secondary students in normal schools	9,570	12,890	22,058	11,978	15,686
College and normal students, total	237,592	355,215	597,682	1,085,798	1,144,703
Normal schools and teachers colleges (excluding secondary students)	69,593	88,561	135,237	161,524	154,946
Colleges, universities, and professional schools (excl. preparatory students)	167,999	266,654	462,445	924,275	989,757
EXPENDITURES (thousands of dollars) [6]					
Public elementary and secondary schools	214,965	426,250	1,036,151	2,316,790	2,174,651
Private elementary and secondary schools	(7)	53,542	(7)	233,277	229,564
Normal schools and teachers colleges [8]	[9] 5,232	14,023	27,130	68,702	[10] 49,896
Colleges, universities, and professional schools [8]	[10] 40,551	[9] 77,873	189,235	563,547	[10] 494,058

[1] 1912. [2] Includes 47,052 elementary pupils in teacher-training institutions.
[3] From State reports. [4] Figure for 1928. [5] Estimated.
[6] Including outlays. Expenditures for education in all schools reporting finances, including schools for the delinquent, deaf, blind, feeble-minded, and Indians, not shown in this table, amounted to $3,233,601,000 in 1930 and $2,968,100,000 in 1932. The latter figure excludes auxiliary operations (see note 11).
[7] No data. [8] Expenditures for all departments, including preparatory.
[9] Receipts excluding endowment. [10] Receipts including endowment.
[11] Excludes expenditures for auxiliary enterprises, included in prior years, amounting to $8,361,000 for normal schools and teachers' colleges and $82,536,000 for colleges, universities, etc.

Source: Office of Education, Department of the Interior.

No. 112.—PUBLIC HIGH SCHOOLS AND PRIVATE HIGH SCHOOLS AND ACADEMIES: CONTINENTAL UNITED STATES

NOTE.—Data are from reports received from the schools. In 1930, 22,237 public high schools out of a total of approximately 24,000 furnished complete reports. The total enrollment in all high schools as reported by the State departments of education is shown for 1920, 1930, and 1932 in table III. Detailed data not collected for 1932.

	1890	1900	1910	1920	1928	1930
ALL HIGH SCHOOLS AND ACADEMIES						
Schools reporting	4,158	7,983	11,994	16,419	20,564	24,997
Total secondary pupils [1]	297,894	630,048	1,032,461	2,041,308	3,628,722	4,454,721
Per cent of total population	0.47	0.83	1.12	1.93	3.02	3.91
Number of persons 14 to 17 years of age in total population [2]	5,354,653	6,152,405	7,220,298	7,735,841	9,067,130	9,341,221
Ratio of number of pupils to total number of age specified, per cent	5.56	10.24	14.30	26.38	39.97	51.38
PUBLIC HIGH SCHOOLS						
Schools reporting	2,526	6,005	10,213	14,326	18,116	22,237
Teachers, total	[3] 9,120	20,372	41,667	[4] 97,654	[4] 182,637	[4] 213,291
Men	3,507	10,172	18,800	34,396	64,931	74,530
Women	5,280	10,200	22,777	63,258	117,706	138,761
Secondary pupils, total [1]	[3] 202,963	519,251	915,061	1,857,155	3,354,473	4,145,669
Boys	85,451	216,207	398,525	822,967	1,598,605	1,991,202
Girls	116,351	303,044	516,536	1,034,188	1,755,868	2,154,467
Negro students (included above)	*5,993*	*8,395*	*12,658*	*27,691*	*96,107*	*118,897*
First year	(5)	(5)	392,505	742,320	1,212,894	1,460,459
Second year	(5)	(5)	247,936	493,796	906,179	1,132,061
Third year	(5)	(5)	163,176	346,684	670,089	852,012
Fourth year	(5)	(5)	111,444	261,369	546,528	684,985
Postgraduate	(5)	(5)	(5)	7,986	18,783	16,152
Per cent of total population in public high schools	0.32	0.68	1.00	1.76	2.80	3.38
Number graduated during year, total	21,883	61,787	111,383	230,902	474,736	591,719
Boys	7,892	22,575	43,657	90,516	210,916	267,291
Girls	14,190	39,162	67,706	140,386	263,820	324,428

Footnotes on p. 109.

No. 112.—Public High Schools and Private High Schools and Academies: Continental United States—Continued

	1890	1900	1910	1920	1928	1930
PRIVATE HIGH SCHOOLS AND ACADEMIES						
Schools reporting	1,632	1,978	1,781	2,093	2,448	2,760
Teachers, total	7,209	10,117	11,146	14,946	20,338	22,014
Men	3,272	4,275	4,512	5,698	7,806	8,580
Women	3,937	5,842	6,634	9,248	12,467	13,434
Secondary pupils, total	94,931	110,787	117,400	184,153	269,249	309,052
Boys	47,534	55,734	55,474	84,222	123,596	146,517
Girls	47,397	55,053	61,926	99,931	140,653	162,535
Colored (included above)		*2,390*	*3,888*	*9,526*	*8,302*	*9,868*
Total in schools for boys only			26,838	47,925	74,954	88,137
Total in schools for girls only			28,317	55,658	78,775	91,605
Total in coeducational schools			62,245	80,570	115,520	129,310

[1] Excludes seventh and eighth grades in junior high schools.
[2] Census enumerations except figure for 1928 which is revised census estimate as of July 1.
[3] Includes those not classified by sex.
[4] Includes teachers in junior high schools as follows: 1920, 1,361 men, 5,069 women; 1928, 7,305 men, 24,634 women; 1930, 9,277 men, 30,755 women.
[5] No data.

No. 113.—NORMAL SCHOOLS AND TEACHERS' COLLEGES (STATE, COUNTY, CITY, AND PRIVATE): Continental United States

Note.—Data cover regular session only. For summer-school enrollment in 1932, see table 125

	1900	1910	1920	1928	1930	1932
ALL NORMAL SCHOOLS AND TEACHERS' COLLEGES						
Number reporting	305	264	369	339	331	[1]289
Instructors, total	4,387	5,914	9,467	11,927	11,977	[1]11,815
Men	1,856	2,195	3,512	4,547	4,720	4,526
Women	2,511	3,719	5,955	7,380	7,257	7,089
Students in all courses, total	[2][3]116,634	[2]132,438	182,368	185,182	178,482	184,364
Men	47,906	37,823	29,107	42,238	43,458	50,338
Women	68,778	94,615	133,261	142,924	133,004	114,026
Students in normal courses, total	[3]69,593	88,561	135,237	162,080	161,524	154,946
Men	24,169	19,746	19,080	32,719	36,646	45,558
Women	45,424	68,815	116,157	129,361	124,878	109,388
Graduates from normal courses during year	11,359	15,430	20,917	49,627	49,227	46,072
Enrollment in model schools	35,397	66,180	91,641	71,685	90,601	61,144
Volumes in libraries	807,963	1,521,528	2,380,373	3,536,032	4,065,076	4,236,927
Receipts, all sources (1,000 dollars)	5,232	14,088	31,275	70,017	69,984	59,069
Total current expenditures (1,000 dollars)			23,232	51,222	53,241	40,027
STATE NORMAL SCHOOLS AND PUBLIC AND PRIVATE TEACHERS' COLLEGES						
Number	127	151	182	206	206	206
Instructors	2,199	3,840	7,162	9,754	10,134	10,691
Students in all courses	[2]60,809	[2]94,143	140,382	156,794	154,061	155,681
Students in normal courses	41,655	71,447	118,831	139,143	142,655	146,330
TEACHERS' COLLEGES (INCLUDED ABOVE)						
Number			45	137	140	155
Instructors			2,504	7,697	8,211	9,065
Students in all courses			61,906	124,870	127,848	138,258
Students in normal courses			54,721	112,550	118,411	129,593
CITY AND COUNTY NORMAL SCHOOLS						
Number	30	40	128	74	73	55
Instructors	550	845	1,093	850	893	531
Students in all courses	[2]7,565	[2]16,940	12,527	15,579	12,385	5,552
Students in normal courses	4,592	7,773	12,527	15,579	12,385	5,552
PRIVATE NORMAL SCHOOLS						
Number	148	73	59	59	52	28
Instructors	1,618	1,229	1,207	1,323	950	383
Students in all courses	[2]48,675	[2]21,355	9,459	12,789	9,116	3,131
Students in normal courses	23,304	9,341	3,879	7,358	6,484	3,064

[1] Represents total number reduced to full-time basis. [2] Includes some pupils in model schools.
[3] Data includes 135 pupils in all courses and 42 for normal courses not distributed by kind of school.

Source of tables 112 and 113: Office of Education, Department of the Interior.

No. 114.—UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS: CONTINENTAL UNITED STATES

NOTE.—All data cover regular session only. For summer-school enrollment, 1932, see table 125

	1900	1910	1920	1926	1928	1930	1932
PROFESSORS AND INSTRUCTORS							
Total, excluding duplicates	22,134	33,631	42,882	62,224	67,209	71,722	[1] 79,314
Men	18,343	28,477	34,111	48,049	52,263	55,861	61,691
Women	3,791	5,154	8,771	13,575	14,946	15,861	17,623
Collegiate departments	11,219	17,281	28,113	43,326	50,122	54,195	[2] 77,524
Men	9,014	14,051	21,044	32,605	36,783	39,735	[3]
Women	2,205	3,230	6,469	10,721	13,339	14,460	[3]
Professional departments	8,277	13,285	10,915	14,733	14,915	16,214	[4]
Men	----------	12,886	10,603	14,152	14,373	15,562	[4]
Women	----------	399	312	581	542	652	[4]
Other departments	----------	----------	2,221	1,435	116	[4]	[4]
Men	----------	----------	982	550	27	[4]	[4]
Women	----------	----------	1,239	885	89	[4]	[4]
Preparatory departments	4,078	4,548	4,282	3,917	3,267	2,815	2,837
Men	2,572	2,807	2,714	2,189	1,834	1,564	[3]
Women	1,506	1,741	1,568	1,728	1,433	1,251	[3]
STUDENTS							
Total students of collegiate grade, excluding duplicates	167,999	266,654	462,445	767,263	868,793	924,275	[5] 989,757
Men	128,085	185,379	295,828	476,547	533,038	576,477	616,843
Women	39,914	81,275	166,617	290,716	335,755	347,798	372,914
Collegiate departments	104,098	174,213	341,082	595,458	695,219	753,827	[6] 807,427
Men	68,047	113,074	212,405	347,665	402,242	441,985	550,044
Women	36,051	61,139	128,677	247,793	292,977	311,842	317,383
Graduate departments	5,831	9,370	15,612	32,500	44,165	47,255	[7] 76,953
Men	4,112	6,504	9,837	20,159	26,540	29,070	50,379
Women	1,719	2,866	5,775	12,341	17,625	18,185	26,574
Professional departments [8]	58,070	71,257	57,131	98,413	99,424	98,041	[4]
Men	55,926	65,569	53,295	92,591	93,639	92,786	[4]
Women	2,144	5,688	3,836	5,822	5,785	5,255	[4]
Other departments	----------	----------	65,859	53,506	39,153	30,148	----------
Men	----------	----------	27,533	23,211	16,399	15,923	----------
Women	----------	----------	38,326	30,355	22,754	14,225	----------
Preparatory departments	56,285	66,042	59,300	55,032	50,588	47,309	33,750
Men	34,814	42,616	38,398	33,185	30,206	27,766	19,372
Women	21,471	23,426	20,911	22,447	20,382	19,543	14,378
DEGREES CONFERRED							
Baccalaureate [9]	27,410	37,199	47,326	91,625	102,982	111,411	122,538
Men	----------	----------	31,544	60,153	64,878	70,006	77,989
Women	----------	----------	15,782	31,472	38,104	41,405	44,549
Graduate	1,952	2,541	4,853	11,451	13,834	16,832	21,655
Men	1,628	1,939	3,457	7,700	8,976	10,693	[3]
Women	324	602	1,396	3,751	4,858	6,139	[3]
Ph. D., on examination	342	409	532	1,302	1,447	2,024	[10]
Men	322	365	439	1,115	1,249	1,692	----------
Women	20	44	93	187	198	332	----------
Volumes in libraries.....thousands	8,764	14,059	24,191	37,549	40,498	44,369	48,682
Total receipts, exclusive of additions to endowment.....1,000 dollars	[11] 40,554	77,873	189,235	407,400	496,529	567,618	563,632

[1] The entire force reduced to full time basis and excluding duplicates was 89,000. This includes administrative officers, extension service, and organized research in addition to the regular force.
[2] Collegiate, professional, and graduate.
[3] Not available.
[4] Included in collegiate.
[5] Includes some special and unclassified students not shown separately.
[6] Not comparable with data for earlier years. Figure represents undergraduates in arts and sciences and professional courses. For separate data see table 122.
[7] Includes graduate students in all departments; figures for prior years included graduate school only.
[8] Includes undergraduate and graduate students in theology, law, medicine, dentistry, pharmacy, osteopathy, and veterinary medicine, while other professions are included in collegiate or other departments. For 1932 undergraduate and graduate students in all professions were tabulated separately and are here included in figure shown under collegiate and graduate, respectively. For separate data see table 122.
[9] Including first professional.
[10] Data not collected.
[11] Including endowment.

Source: Office of Education, Department of the Interior.

No. 115.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: NUMBER AND SALARY OF TEACHERS

Division and State or outlying area	Number of teachers [1]				Per cent of teachers male		Salaries of teachers, supervisors, and principals			
	1910	1920	1930	1932	1910	1932	Total, 1932 (1,000 dollars)	Average annual salary (dollars) 1920	1930	1932
Continental U. S.	523,210	[2] 679,533	854,263	871,607	21.1	17.7	1,265,444	[2] 871	1,420	1,417
New England	36,723	43,480	52,642	53,917	8.8	14.1	92,854	1,064	1,838	1,685
Maine	7,457	7,020	6,547	6,505	11.2	13.3	6,020	603	942	952
New Hampshire	3,040	3,047	3,051	3,026	7.1	14.0	3,877	759	1,254	1,258
Vermont	3,257	2,902	2,978	2,865	8.9	9.7	2,863	667	963	931
Massachusetts	15,321	[2] 19,085	26,229	27,463	9.1	16.0	52,001	[2] 1,262	1,875	1,845
Rhode Island	2,371	2,971	4,026	4,254	8.9	13.3	7,123	1,070	1,437	1,599
Connecticut	5,277	[3] 8,455	9,811	9,804	6.2	9.4	20,970	1,124	1,812	1,970
Middle Atlantic	92,657	123,254	165,475	171,791	15.9	15.6	361,839	1,133	2,103	2,126
New York	45,074	61,703	82,204	85,830	11.7	14.3	198,282	1,256	2,493	2,494
New Jersey	12,087	17,440	25,555	26,732	12.3	13.3	61,206	1,282	2,113	2,192
Pennsylvania	35,496	44,111	57,716	59,229	22.6	18.4	102,341	920	1,620	1,630
East North Central	107,208	128,955	165,336	167,093	22.8	20.7	266,785	1,010	1,568	1,536
Ohio	27,841	33,751	41,432	42,704	31.1	23.1	68,557	1,088	1,665	1,573
Indiana	17,267	17,209	21,847	21,502	35.7	26.4	34,856	964	1,466	1,497
Illinois	29,384	36,599	47,766	47,472	18.5	19.1	77,869	1,081	1,630	1,598
Michigan	17,987	24,302	34,552	34,660	14.0	18.8	55,133	911	1,534	1,522
Wisconsin	14,729	17,094	20,239	20,755	11.8	17.1	30,380	915	1,399	1,388
West North Central	93,138	117,051	122,294	121,241	15.5	15.4	141,689	797	1,134	1,133
Minnesota	15,157	19,575	22,169	21,048	12.0	11.3	28,253	882	1,251	1,305
Iowa	27,598	27,660	24,585	24,803	9.8	12.1	27,859	827	1,094	1,096
Missouri	18,365	21,126	24,200	24,588	26.4	19.6	30,233	797	1,235	1,230
North Dakota	7,287	8,975	8,356	8,607	17.4	19.3	7,669	728	900	900
South Dakota	6,065	7,853	8,943	8,752	16.6	16.1	8,731	696	956	944
Nebraska	11,099	14,873	14,400	14,325	11.9	11.9	15,920	765	1,077	1,051
Kansas	13,467	16,989	19,141	19,118	18.0	19.0	23,024	761	1,159	1,123
South Atlantic	62,187	84,688	112,005	112,335	26.3	16.7	106,856	580	945	929
Delaware	998	1,184	1,420	1,520	13.7	14.5	2,599	848	1,570	1,631
Maryland	5,514	6,675	8,745	8,800	17.1	16.0	13,549	902	1,518	1,523
Dist. of Columbia	1,031	2,096	2,722	2,751	11.5	12.4	6,768	1,359	2,269	2,340
Virginia	10,443	14,271	16,477	16,719	19.9	12.0	14,824	546	861	859
West Virginia	8,782	11,221	15,837	16,381	48.0	30.2	18,172	639	1,023	1,085
North Carolina	11,216	16,852	23,375	22,505	28.5	15.2	18,033	404	873	799
South Carolina	6,968	9,699	13,398	13,053	23.1	14.9	8,813	464	788	668
Georgia	12,626	15,921	19,071	19,534	24.4	15.2	13,577	426	684	690
Florida	4,015	6,819	10,960	11,072	25.7	13.2	9,921	518	876	867
East South Central	40,308	51,145	65,922	68,269	36.3	21.8	52,483	423	804	761
Kentucky	11,100	13,348	15,323	16,420	41.7	25.8	14,008	[4] 413	896	835
Tennessee	10,286	13,277	18,331	19,238	37.0	22.2	15,575	494	902	826
Alabama	8,756	12,558	17,130	17,079	35.0	17.4	12,121	484	792	710
Mississippi	10,166	11,962	15,138	15,532	31.0	21.7	[5] 10,179	[4] 291	620	[6] 655
West South Central	46,023	63,832	80,637	84,008	31.8	18.6	78,807	643	923	893
Arkansas	9,522	10,476	12,990	11,694	47.0	27.6	7,087	477	673	593
Louisiana	6,286	8,966	12,173	12,445	21.4	15.4	11,174	723	941	895
Oklahoma	9,473	15,389	19,807	18,160	26.2	20.3	20,008	768	1,072	1,102
Texas	20,742	29,001	35,667	41,709	30.8	16.4	40,538	612	924	912
Mountain	15,974	30,130	35,336	35,012	19.5	19.7	48,110	956	1,330	1,282
Montana	2,250	7,215	6,422	6,105	12.0	14.9	7,066	958	1,215	1,184
Idaho	2,232	3,982	4,500	4,584	25.5	25.0	5,345	932	1,200	1,166
Wyoming	1,109	2,232	2,751	2,773	12.8	16.0	3,542	869	1,239	1,250
Colorado	5,200	7,386	9,744	9,809	15.6	19.0	13,594	929	1,463	1,386
New Mexico	1,474	2,752	3,400	3,278	34.4	19.2	4,077	803	1,113	1,096
Arizona	851	1,955	3,273	3,457	17.0	18.3	5,548	1,279	1,637	1,605
Utah	2,369	3,904	4,452	4,115	26.6	26.2	5,612	992	1,330	1,239
Nevada	489	704	794	894	10.8	19.1	1,326	1,163	1,483	1,483
Pacific	22,992	36,998	54,116	57,941	16.8	17.3	118,031	1,182	1,949	1,968
Washington	7,170	9,377	11,140	11,045	20.0	18.7	17,988	1,229	1,556	1,553
Oregon	4,458	7,778	6,208	7,876	19.4	14.1	11,330	870	1,612	1,439
California	11,369	19,843	36,768	39,020	13.8	17.6	88,713	1,272	2,123	2,189
Alaska Territory		154	154	254		18.5		1,325	1,728	
American Samoa			26	24		91.7	15		444	475
Canal Zone		102	175	209		48.8	341	1,324	1,541	1,572
Guam			125	135		42.2	43		315	272
Hawaii Territory		1,326	2,241	2,555		18.3	4,713	1,181	1,812	1,769
Philippine Islands		21,254	26,167	28,499		52.1				
Puerto Rico		3,832	4,451	4,601		26.4	4,046	635	848	882
Virgin Islands			112	121		33.1	75		572	644

[1] Includes some superintendents, principals, and supervisors, some States not reporting them separately.
[2] Includes 231 part-time teachers. [3] Estimated. [4] 1919. [5] 1930. [6] Based on 1930 expenditures.

Source: Office of Education, Department of the Interior.

No. 116.—ELEMENTARY AND SECONDARY SCHOOLS,

Division and State or outlying area	Population, 5–17 years, inclusive, 1932	Public elementary and secondary schools						
		Pupils enrolled				Ratio of enrolled to total population 5–17 years, inclusive, per cent		
		1910	1920	1930	1932	1920	1930	1932
Continental U. S.	32,031,549	17,813,852	21,578,316	25,678,015	26,275,441	77.8	81.3	82.0
New England	1,995,700	1,031,143	1,242,221	1,492,920	1,535,403	72.7	75.9	76.9
Maine	197,600	144,278	137,631	154,455	161,750	76.3	78.9	81.9
New Hampshire	110,400	63,972	64,205	74,240	76,431	64.3	68.0	69.2
Vermont	88,000	66,615	61,785	65,976	66,269	73.4	75.3	75.3
Massachusetts	1,014,600	535,869	623,586	759,492	782,225	71.3	76.0	77.1
Rhode Island	173,100	80,061	93,501	118,704	123,239	65.4	69.9	71.2
Connecticut	412,000	190,353	261,463	319,453	325,493	80.3	79.3	79.0
Middle Atlantic	6,441,500	3,135,731	3,925,080	4,870,924	5,069,767	72.9	77.0	78.7
New York	2,844,500	1,422,969	1,719,841	2,141,479	2,240,196	72.8	76.7	78.7
New Jersey	1,011,300	429,797	594,780	792,012	821,532	77.4	80.4	81.2
Pennsylvania	2,585,700	1,282,965	1,610,459	1,937,433	2,008,039	71.5	76.0	77.7
East North Central	6,203,700	3,378,038	3,871,428	4,875,526	4,978,824	75.0	80.0	80.3
Ohio	1,631,700	838,080	1,020,663	1,277,636	1,299,212	76.6	79.9	79.6
Indiana	792,000	531,459	569,288	667,379	687,629	79.4	85.2	86.8
Illinois	1,795,000	1,002,687	1,127,590	1,395,907	1,415,553	72.1	78.9	78.9
Michigan	1,233,800	541,501	691,674	970,582	996,825	79.3	81.2	80.8
Wisconsin	751,200	464,311	465,243	564,022	579,605	68.2	75.8	77.2
West North Central	3,378,700	2,603,951	2,724,540	2,853,752	2,873,436	93.7	84.3	85.0
Minnesota	662,100	440,083	503,597	551,741	558,148	81.8	84.0	84.3
Iowa	616,800	510,661	514,521	554,655	555,341	86.1	90.2	90.0
Missouri	860,200	707,031	672,483	656,073	683,830	78.3	76.3	79.5
North Dakota	204,600	139,802	168,283	169,277	165,608	84.6	83.0	80.9
South Dakota	197,700	126,253	146,955	165,624	164,914	82.9	84.7	83.4
Nebraska	359,200	[3] 281,375	311,821	325,216	324,241	90.5	90.9	90.3
Kansas	478,100	398,746	406,880	431,166	421,354	87.9	90.5	88.1
South Atlantic	4,734,600	2,573,386	3,282,217	3,755,278	3,879,386	77.6	80.2	81.9
Delaware	58,200	35,950	38,433	42,360	44,522	73.3	73.5	76.5
Maryland	407,500	238,393	241,618	277,469	288,169	66.9	68.9	70.7
Dist. of Columbia	89,400	55,774	65,298	80,965	90,087	84.3	91.9	(6)
Virginia	719,700	402,109	505,190	562,956	582,982	73.3	78.6	81.0
West Virginia	530,600	276,458	346,256	395,505	422,357	79.8	76.0	79.6
North Carolina	1,053,300	526,404	691,249	866,939	865,681	82.4	84.1	82.2
South Carolina	594,700	340,415	478,045	469,370	475,074	83.9	79.3	79.9
Georgia	890,100	555,794	[3] 690,918	713,290	742,756	[7] 74.0	79.7	83.4
Florida	391,100	148,089	225,160	346,434	367,758	82.6	91.5	94.0
East South Central	2,955,500	1,910,364	2,137,794	2,434,533	2,476,265	77.2	82.9	83.8
Kentucky	759,100	494,863	[3] 535,332	588,354	613,119	[3] 76.2	78.1	80.8
Tennessee	757,500	521,753	619,852	627,747	641,551	87.6	83.5	84.7
Alabama	823,100	424,611	509,940	622,988	639,836	74.1	76.2	77.7
Mississippi	615,800	469,137	[3] 412,670	595,449	581,759	69.8	97.1	94.5
West South Central	3,528,000	1,903,625	2,462,181	2,881,420	2,876,711	77.7	82.6	81.5
Arkansas	559,600	395,978	483,172	456,185	446,151	85.7	81.5	79.7
Louisiana	612,200	263,617	354,079	434,557	447,517	63.5	71.7	73.1
Oklahoma	702,400	422,899	589,282	682,650	673,297	92.6	98.2	95.9
Texas	1,653,800	821,631	1,035,648	1,308,028	1,309,746	73.4	80.4	79.2
Mountain	1,618,349	525,118	794,536	898,248	910,314	90.0	89.4	89.4
Montana	141,349	66,141	120,576	120,337	119,134	92.2	85.1	84.3
Idaho	127,900	76,168	115,192	120,947	119,123	94.8	95.1	93.1
Wyoming	59,100	24,584	43,112	54,505	56,670	91.6	94.3	95.9
Colorado	264,200	168,798	220,232	240,482	247,074	95.0	92.2	93.5
New Mexico	129,600	56,304	81,399	102,084	109,525	75.4	80.2	84.5
Arizona	120,800	31,312	76,505	103,806	97,900	88.0	88.6	81.0
Utah	156,000	91,611	117,406	138,046	141,048	87.2	89.8	90.4
Nevada	19,400	[5] 10,200	14,114	18,041	19,840	91.5	94.9	(6)
Pacific	1,775,500	702,491	1,138,319	1,616,009	1,675,335	97.5	94.5	94.4
Washington	362,800	215,688	291,053	344,731	346,993	94.1	96.8	95.6
Oregon	213,300	118,412	151,028	202,595	204,702	84.1	94.6	93.8
California	1,194,400	368,391	696,238	1,068,683	1,123,550	(6)	93.8	94.1
Alaska Territory	14,200		3,360	3,436	5,414	26.8	24.6	38.1
Canal Zone	9,800		3,436	7,003	7,691	85.4	80.2	78.5
Guam	6,100			3,683	3,464		71.0	56.8
Hawaii Territory	110,700		41,350	71,657	78,663		64.0	71.1
Philippine Islands	[5] 1,500,000		935,678	1,121,233	1,224,548		34.8	35.0
Puerto Rico	548,500		180,458	221,248	229,109		41.7	41.8
Virgin Islands	5,925			3,061	3,242		56.7	54.7
American Samoa	3,500			1,952	2,102		65.4	60.1

[1] Includes kindergarten; excludes 47,052 elementary pupils in teacher-training institutions.
[2] Excludes kindergartens and, for 1932, also 1,634 pupils in elementary teacher-training institutions.
[3] 1908–9. [4] Elementary only. [5] Estimated.

PUBLIC AND PRIVATE: ENROLLMENT AND ATTENDANCE

Public elementary and secondary schools—Continued							Private and parochial schools			Division and State or outlying area
Number enrolled, 1932		Average daily attendance	Average days attendance per year per pupil enrolled				Number enrolled[2]			
Elementary[1]	Secondary	1932	1910	1920	1930	1932	1910	1920	1932	
21,135,420	5,140,021	22,245,344	113.0	121.2	143.0	144.9	1,558,437	1,699,481	2,723,666	C. U. S.
1,171,808	383,595	1,362,528	143.6	145.9	160.0	159.5	190,928	263,634	367,424	N. E.
128,258	33,498	146,099	118.5	142.4	160.0	161.2	14,137	16,698	27,786	Me.
59,476	16,955	68,626	128.6	144.3	159.0	159.6	14,331	24,209	34,056	N. H.
53,613	12,646	58,169	125.1	131.6	151.2	153.2	[3] 6,000	7,770	11,257	Vt.
579,555	202,670	698,432	154.2	149.6	163.1	160.7	96,464	129,268	197,107	Mass.
97,971	25,268	105,994	148.8	142.9	151.5	156.5	17,781	23,662	34,196	R. I.
252,935	72,558	285,206	143.5	144.1	157.9	158.2	42,215	62,027	63,022	Conn.
4,010,058	1,059,709	4,385,673	140.5	145.2	159.3	157.3	507,072	401,596	842,714	M. A.
1,733,106	507,090	1,958,164	149.0	148.8	163.4	158.9	267,072	238,478	398,564	N. Y.
666,563	154,969	691,952	138.9	151.3	157.7	154.2	65,000	40,124	133,811	N. J.
1,610,389	397,650	1,735,557	133.0	139.0	155.4	156.6	175,000	122,994	310,339	Pa.
3,825,373	1,153,451	4,432,188	130.0	134.9	159.2	159.3	405,417	534,930	732,724	E. N. C.
1,004,016	295,196	1,178,885	131.6	130.7	160.0	158.6	97,832	107,828	184,222	Ohio.
526,558	161,071	649,348	116.8	125.8	155.1	149.0	[3] 20,751	26,279	63,320	Ind.
1,077,755	337,798	1,220,875	133.7	144.9	162.5	163.2	[4] 167,929	241,739	280,568	Ill.
796,312	200,513	866,790	140.0	129.6	161.5	162.2	[4] 61,539	82,243	153,325	Mich.
420,732	158,873	610,270	124.4	138.9	150.3	158.1	57,366	76,741	111,289	Wis.
2,250,186	623,270	2,503,679	114.2	127.4	148.9	153.0	132,808	188,188	285,478	W. N. C.
443,702	114,446	475,174	118.0	125.5	149.1	152.6	21,000	45,374	64,300	Minn.
430,352	124,989	478,370	121.4	137.2	147.4	151.8	50,000	31,191	47,064	Iowa.
538,739	145,091	602,204	107.7	128.6	158.6	157.3	40,000	54,326	77,601	Mo.
133,519	32,089	144,653	94.9	127.4	145.5	145.1	1,000	6,288	8,868	N. Dak.
130,927	33,987	137,470	106.0	112.4	149.4	141.1	1,840	4,357	11,085	S. Dak.
250,009	74,232	281,888	118.9	122.3	139.6	152.1	[3] 9,000	23,927	26,078	Nebr.
322,918	98,436	383,920	119.5	124.8	143.7	156.7	[4] 9,768	20,720	30,483	Kans.
3,316,927	*562,459*	*3,178,967*	*98.8*	*98.3*	*125.3*	*129.8*	105,962	118,111	129,080	S. A.
35,796	8,726	38,784	108.3	129.2	156.6	160.3	3,750	5,405	7,890	Del.
235,967	52,202	249,398	113.7	130.3	158.0	161.7	20,000	27,285	51,938	Md.
71,406	18,681	73,470	145.0	143.8	146.5	146.6	6,000	12,057	13,072	D. C.
499,445	83,536	482,645	90.4	102.2	131.9	139.3	23,662	12,914	12,664	Va.
350,655	62,702	367,616	92.2	102.8	146.6	143.0	1,500	4,820	9,024	W. Va.
732,474	133,207	728,265	64.9	91.8	119.7	129.9	[3] 26,200	25,398	11,622	N. C.
417,193	57,881	373,718	75.4	76.0	109.1	113.5	16,650	9,340	*5,444*	S. C.
649,726	93,030	572,343	92.5	98.0	111.7	105.9	6,000	14,030	9,084	Ga.
315,264	52,494	292,728	80.9	98.0	119.0	133.3	8,200	6,862	7,742	Fla.
2,198,184	278,101	1,904,679	80.1	94.3	114.7	115.1	82,052	68,425	72,285	E. S. C.
541,174	71,945	463,442	79.6	78.7	121.4	117.5	21,295	18,578	39,666	Ky.
562,387	79,164	502,978	90.6	98.5	125.3	125.2	37,124	23,762	11,882	Tenn.
570,690	69,146	508,837	73.6	79.4	114.0	116.5	16,133	18,598	10,920	Ala.
523,913	57,846	429,422	74.6	76.9	97.7	98.1	[3] 7,600	8,487	9,817	Miss.
2,388,471	488,240	2,260,042	82.2	103.4	118.1	124.3	53,777	56,171	114,803	W. S. C.
392,240	53,911	338,909	68.6	85.2	108.3	104.7	5,777	2,986	7,402	Ark.
383,528	63,989	370,224	93.9	107.7	121.5	129.1	34,000	26,647	*51,344*	La.
559,876	113,421	493,244	78.8	100.5	119.4	125.4	4,000	8,772	10,218	Okla.
1,052,827	256,919	1,057,665	86.8	112.0	126.4	128.8	[3] 10,000	17,766	45,839	Tex.
717,330	192,984	764,883	100.6	120.3	140.5	144.6	34,377	25,539	42,857	Mt.
90,040	29,094	107,724	115.5	120.7	151.9	156.4	6,998	3,735	7,042	Mont.
90,605	28,518	101,993	91.3	126.9	132.4	144.1	1,500	3,000	3,352	Idaho.
43,188	13,482	47,654	101.5	117.4	141.3	147.9	[5] 116	1,051	1,875	Wyo.
199,185	47,889	199,165	99.3	114.4	142.8	143.6	4,000	3,854	15,023	Colo.
94,479	15,046	83,657	66.4	120.5	128.5	130.4	5,000	4,178	9,162	N. Mex.
81,942	15,958	80,962	87.3	98.6	128.1	141.3	9,913	3,185	3,771	Ariz.
102,594	38,454	127,331	124.6	138.5	150.7	148.4	6,500	6,218	2,475	Utah.
15,297	4,543	16,397	106.0	125.8	148.5	145.4	350	318	157	Nev.
1,257,123	418,212	1,452,727	132.9	124.5	148.7	153.0	46,244	43,992	96,300	Pac.
251,261	95,732	287,727	124.7	128.1	145.0	148.8	7,209	8,450	19,843	Wash.
152,678	52,114	197,224	121.8	137.5	140.1	155.3	6,233	6,051	10,627	Oreg.
853,184	270,366	967,776	142.0	120.2	151.6	153.9	32,802	29,491	65,830	Calif.
4,477	937	4,468	-------	*132.3*	*148.7*	*140.3*	-------	-------	930	Alaska.
6,922	769	6,337	-------	114.2	180.0	176.1	-------	-------	1,100	C. Z.
3,394	70	3,347	-------	-------	194.7	183.6	-------	-------	148	Guam.
69,075	9,588	74,239	-------	168.3	161.6	172.7	-------	7,573	12,617	Hawaii.
1,143,712	80,836	1,118,155	-------	156.0	172.8	178.1	-------	36,534	84,398	P. I.
221,979	7,190	202,113	-------	145.7	167.1	167.8	-------	5,823	7,724	P. R.
3,080	162	3,112	-------	-------	-------	184.5	-------	-------	1,179	V. I.
2,102	-------	-------	-------	-------	-------	-------	-------	-------	369	A. S.

[1] The enrollment in schools in California for 1920 and in District of Columbia and Nevada for 1932 was, respectively, 2.5 percent, 0.8 percent, and 2.3 percent larger than the number of persons 5–17 years of age reported by the Bureau of the Census.

[2] Approximate. [3] 1919.

Source: Office of Education, Department of the Interior.

No. 117.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: EXPENDITURES

NOTE.—Figures include new buildings as well as operation and equipment expenditures. Expenditures per capita of total population for outlying territories and possessions for 1932 were as follows: Alaska, $11.75; Canal Zone, $25.38; Guam, $3.52; Hawaii, $15.06; Philippine Islands, $1.23; Puerto Rico, $3.35; Virgin Islands, $5.23; American Samoa, $1.80

Division and State	Total expenditures (thousands of dollars)				Per capita of total population (dollars)				Per capita of population 5–17, inclusive (dollars)			
	1910	1920	1930	1932	1910	1920	1930	1932	1910	1920	1930	1932
Continental U. S.	426,250	1,036,151	2,316,790	2,174,651	4.64	9.80	18.37	17.42	17.59	37.37	73.38	67.89
New England	84,270	75,796	159,625	159,143	5.23	10.24	19.55	19.27	23.14	44.38	81.24	79.74
Maine	2,934	6,404	11,186	11,044	3.95	8.34	14.03	13.79	17.26	35.49	57.13	55.89
New Hampshire	1,654	3,811	6,919	7,137	3.84	8.60	14.87	15.25	17.31	38.19	63.34	64.65
Vermont	1,609	3,588	5,660	4,671	4.52	10.18	15.74	12.98	19.42	42.62	64.64	53.08
Massachusetts	20,136	40,909	86,801	88,306	5.98	10.62	20.45	20.55	26.80	46.75	86.92	87.04
Rhode Island	2,487	4,766	13,260	14,252	4.59	7.89	19.29	20.42	19.80	33.33	78.05	82.33
Connecticut	5,450	16,318	35,709	33,733	4.91	11.82	22.22	20.64	21.31	50.12	88.66	81.88
Middle Atlantic	108,915	220,446	661,730	640,762	5.64	9.90	25.20	23.98	23.72	40.97	104.57	99.47
New York	51,862	106,045	360,854	351,017	5.69	10.21	28.67	27.31	25.02	44.90	129.21	123.40
New Jersey	17,065	40,910	117,634	111,100	6.72	12.96	29.11	26.78	28.03	53.27	119.39	109.86
Pennsylvania	39,988	73,491	183,242	178,645	5.22	8.43	19.03	18.34	20.94	32.64	71.80	69.09
East North Central	99,833	247,489	536,770	476,283	5.47	11.52	21.22	18.49	22.08	47.93	88.11	76.77
Ohio	25,500	67,427	145,910	124,053	5.35	11.71	21.95	18.37	22.63	50.63	91.22	76.03
Indiana	14,911	35,765	63,330	57,984	5.52	12.20	19.56	17.71	22.10	50.18	80.82	73.21
Illinois	34,036	69,358	154,142	140,755	6.04	10.69	20.20	18.12	24.53	44.32	87.07	78.42
Michigan	14,597	47,684	119,300	100,206	5.20	13.00	24.64	20.11	21.12	54.69	99.33	81.22
Wisconsin	10,789	27,255	54,088	53,285	4.64	10.36	18.40	17.90	16.84	39.93	72.71	70.93
West North Central	65,200	173,088	255,941	230,166	5.80	13.80	19.26	17.19	21.03	53.15	76.05	68.12
Minnesota	13,724	35,734	51,600	49,672	6.00	14.97	20.13	19.22	24.41	58.04	78.53	75.02
Iowa	12,767	37,334	50,737	44,615	5.76	15.53	20.53	18.00	21.85	62.44	82.53	72.33
Missouri	13,037	28,707	55,907	50,057	3.97	8.43	15.40	13.69	15.20	33.41	65.00	58.19
North Dakota	4,550	12,883	16,446	13,435	7.89	19.92	24.16	19.61	28.02	64.81	80.61	65.66
South Dakota	3,825	11,598	15,304	14,176	6.56	18.21	22.09	20.25	23.66	65.43	78.29	71.70
Nebraska	7,454	20,580	27,142	24,785	6.27	15.88	19.70	17.86	23.04	59.75	75.89	69.00
Kansas	9,813	26,257	38,805	33,426	5.81	14.84	20.63	17.65	21.95	56.71	81.44	69.91
South Atlantic	26,763	73,475	184,089	172,977	2.19	5.25	11.88	10.80	7.23	17.37	39.33	36.63
Delaware	605	1,677	5,090	6,355	3.00	7.52	21.35	26.48	12.09	31.91	88.35	109.19
Maryland	3,792	8,242	24,672	25,972	2.92	5.69	15.12	15.71	11.16	22.81	61.29	63.73
Dist. of Col.	2,680	4,298	12,666	13,954	8.10	9.82	26.02	28.30	40.63	55.45	143.76	156,09
Virginia	4,408	12,975	23,636	22,318	2.15	5.62	9.76	9.17	7.04	18.82	32.99	31.01
West Virginia	4,094	11,402	23,219	25,532	3.36	7.79	16.32	14.50	11.59	26.28	54.24	48.12
North Carolina	3,038	12,148	37,274	30,098	1.38	4.75	11.76	9.28	4.28	14.48	36.18	28.57
South Carolina	1,952	6,627	15,327	12,491	1.29	3.94	8.81	7.16	3.86	11.63	25.89	21.00
Georgia	4,420	9,076	18,677	19,237	1.70	3.13	6.42	6.61	5.30	9.72	20.87	21.61
Florida	1,774	7,031	18,528	17,020	2.36	7.26	12.62	11.14	8.21	25.79	48.96	43.52
East South Central	15,683	32,852	84,627	80,088	1.86	3.69	8.56	8.00	6.05	11.86	28.83	27.10
Kentucky	5,649	[1]8,117	22,939	21,755	2.47	[1]3.36	8.77	8.25	8.39	11.56	30.46	28.66
Tennessee	4,403	10,141	22,655	22,015	2.02	4.34	8.66	8.31	6.71	14.33	30.12	29.06
Alabama	2,905	9,119	21,643	18,292	1.36	3.88	8.18	6.82	4.28	11.85	26.48	22.22
Mississippi	2,726	[1]5,475	17,390	18,026	1.52	3.06	8.65	8.85	4.66	9.26	28.36	29.27
West South Central	25,955	75,588	146,935	139,908	2.95	7.38	12.07	11.27	9.48	23.65	42.11	39.66
Arkansas	3,187	7,707	14,147	11,656	2.04	4.40	7.63	6.24	6.45	13.67	25.26	20.83
Louisiana	4,252	11,367	21,836	20,692	2.57	6.32	10.38	9.68	8.20	20.39	36.01	33.80
Oklahoma	6,789	22,906	32,802	28,781	4.07	11.29	13.09	11.80	13.25	36.00	47.17	40.98
Texas	11,777	33,606	78,150	78,779	3.02	7.21	13.42	13.21	9.65	23.81	48.01	47.64
Mountain	16,282	57,845	87,029	77,670	6.18	17.34	23.51	20.72	25.02	65.53	86.65	76.27
Montana	2,634	12,208	13,671	11,803	7.01	22.24	25.43	21.94	32.54	88.88	96.72	83.50
Idaho	2,175	8,592	10,326	8,628	6.68	19.89	23.20	19.30	25.32	70.68	81.18	67.46
Wyoming	796	3,742	6,483	5,806	5.46	19.25	28.74	25.35	26.42	79.50	112.17	98.24
Colorado	5,211	13,200	24,499	23,702	6.52	14.05	23.65	22.64	27.87	56.94	93.96	89.71
New Mexico	793	4,140	6,799	6,779	2.43	11.49	16.06	15.73	8.36	38.33	53.40	52.31
Arizona	1,001	6,336	10,853	9,211	4.91	18.97	24.92	20.56	19.98	72.91	92.59	76.25
Utah	3,053	8,240	11,643	9,305	8.19	18.34	22.93	18.07	28.16	61.22	75.76	59.65
Nevada	619	1,384	2,755	2,436	7.57	16.59	30.26	26.19	46.09	89.75	144.95	125.57
Pacific	33,350	79,573	200,044	197,654	7.96	14.29	24.41	23.23	38.78	68.13	116.96	111.32
Washington	10,493	20,595	33,528	30,686	9.21	15.18	21.45	19.32	41.94	66.59	98.91	84.58
Oregon	4,646	9,998	19,573	17,156	6.90	12.76	20.52	17.61	31.48	55.67	91.39	78.59
California	18,211	48,980	146,943	149,812	7.66	14.29	25.88	25.19	39.40	72.12	128.99	125.43

[1] Figure for 1919.

Source: Office of Education, Department of the Interior.

No. 118.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: ENROLLMENT OF WHITE AND NEGRO SCHOOL POPULATION IN 18 STATES

State	Enrollment in elementary and secondary schools				Ratio of enrollment in public schools to school population				Average number of days attended by each pupil enrolled, 1932	
	White		Negro		White		Negro			
	1930	1932	1930	1932	1930	1932	1930	1932	White	Negro
Total	7,444,731	7,562,872	2,282,578	2,353,320	0.894	0.824	0.786	0.810	133	103
Delaware	35,629	37,615	6,731	6,907	.785	.751	.840	.853	162	153
Maryland	225,769	234,039	51,690	54,130	.752	.695	.738	.766	165	147
District of Columbia	53,934	59,698	27,031	30,389	.984	.952	1.043	1.138	147	146
Virginia	409,310	422,957	153,646	160,025	.911	.827	.735	.768	144	128
West Virginia	369,367	396,583	26,138	25,774	.828	.793	.895	.853	(1)	(1)
North Carolina	607,344	599,900	259,595	265,781	.972	.822	.817	.821	137	114
South Carolina	248,200	251,364	221,170	223,710	.984	.824	.757	.772	137	86
Georgia	468,249	479,655	245,041	263,101	.976	.869	.710	.778	114	90
Florida	254,575	266,201	91,859	101,557	1.079	.964	.815	.883	135	130
Tennessee	514,345	527,954	113,402	113,597	.825	.839	.825	.885	126	121
Alabama	428,257	432,699	194,731	207,137	.938	.817	.662	.706	124	101
Mississippi	302,640	292,634	292,809	289,125	1.218	.969	.933	.922	122	74
Missouri	619,854	645,559	36,219	38,271	.830	.793	.803	.828	(1)	(1)
Arkansas	351,076	345,542	105,109	100,609	.937	.820	.755	.729	112	81
Louisiana	277,707	286,988	156,850	160,529	.731	.745	.693	.707	147	97
Oklahoma	633,369	622,999	49,281	50,298	1.075	.954	1.003	1.018	126	120
Texas	1,104,288	1,095,350	203,740	214,396	.794	.776	.844	.883	134	104
Kentucky	540,818	565,135	47,536	47,984	.852	.802	.871	.887	(1)	(1)

[1] Data not available.

No. 119.—PUBLIC HIGH SCHOOLS: TEACHERS AND PUPILS, 1930

NOTE.—Data include seventh and eighth grade pupils in junior high schools. See headnote, table 112

Division and State or outlying area	Number reporting	Teachers	Pupils	
			Male	Female
Cont'l U. S.	22,237	213,306	2,522,816	2,689,363
New England	919	15,049	176,749	194,116
Maine	217	1,362	14,592	16,081
N. Hampshire	105	862	9,133	9,814
Vermont	85	545	5,914	6,644
Massachusetts	371	8,517	103,389	106,275
Rhode Island	33	1,073	13,224	13,531
Connecticut	108	2,590	30,497	31,771
Mid. Atlantic	2,327	43,023	568,925	556,989
New York	943	20,437	295,278	276,982
New Jersey	215	6,063	74,399	72,435
Pennsylvania	1,169	16,523	199,248	207,572
E. N. Central	4,245	47,521	568,498	586,796
Ohio	1,241	13,326	166,297	171,306
Indiana	819	7,791	84,647	86,071
Illinois	1,000	11,933	146,480	144,921
Michigan	701	9,289	111,356	118,124
Wisconsin	484	5,182	59,718	66,374
W. N. Central	4,590	28,869	307,991	350,085
Minnesota	563	5,262	56,716	69,217
Iowa	950	6,494	67,645	75,247
Missouri	1,002	5,591	66,627	71,478
North Dakota	408	1,356	13,145	17,548
South Dakota	334	1,603	14,311	18,204
Nebraska	598	3,281	34,979	39,737
Kansas	726	5,276	54,568	58,654
S. Atlantic	2,994	21,169	236,291	287,562
Delaware	30	370	4,301	4,836
Maryland	195	2,248	26,944	30,677
D. C.	21	956	10,826	12,225
Virginia	462	2,956	32,756	42,352
West Virginia	361	3,011	33,689	37,752
N. Carolina	883	4,512	52,113	66,597
S. Carolina	338	1,991	20,254	25,486
S. Atl.—Contd.				
Georgia	444	2,583	29,013	36,700
Florida	200	2,542	26,395	30,937
E. S. Central	2,293	11,377	126,418	150,922
Kentucky	682	3,143	33,517	39,474
Tennessee	588	2,932	34,016	42,170
Alabama	373	2,905	34,573	39,918
Mississippi	650	2,397	24,312	29,360
W. S. Central	2,748	18,195	211,434	237,180
Arkansas	370	2,231	28,260	31,404
Louisiana	341	1,981	20,605	25,720
Oklahoma	816	5,092	58,182	64,299
Texas	1,219	8,891	104,387	115,757
Mountain	1,018	8,553	96,621	104,089
Montana	200	1,235	12,812	15,082
Idaho	172	1,171	13,351	14,820
Wyoming	94	604	5,962	6,944
Colorado	228	2,051	28,330	30,203
New Mexico	120	616	6,823	7,385
Arizona	57	729	8,088	8,075
Utah	113	1,345	18,827	19,240
Nevada	34	202	2,428	2,340
Pacific	1,105	19,550	229,889	231,624
Washington	346	3,560	46,223	48,866
Oregon	284	2,085	26,075	26,461
California	475	13,905	157,591	156,297
Alaska	15	57	416	428
Canal Zone	2	28	470	447
Guam	1	2	22	12
Hawaii	13	344	4,491	3,780
Philippine Is.	52	831	24,075	16,017
Puerto Rico	17	181	1,855	1,983
Virgin Islands	3	15	167	166

Sources of tables 118 and 119: Office of Education, Department of the Interior.

No. 120.—SCHOOL STATISTICS OF NONCONTIGUOUS TERRITORIES AND POSSESSIONS: Public Elementary and Secondary Schools

	1899–1900 [1]	1909–10	1919–20	1929–30	1931–32	1932–33	1933–34
HAWAII TERRITORY							
Public schools:							
Number	140	152	173	181	181	184	185
Teachers	352	486	1,131	2,563	2,680	2,636	2,539
Male	112	106	143	469	507	514	506
Female	240	380	1,013	2,094	2,179	2,122	2,033
Pupils [2]	11,501	19,909	38,295	73,180	78,603	80,161	81,240
Male	6,339	10,937	20,044	37,682	40,944	41,772	42,103
Female	5,162	8,972	18,251	35,498	37,719	38,389	39,137
Hawaiian	4,977	4,381	3,293	3,321	3,006	2,939	2,853
Part-Hawaiian	2,631	3,842	4,100	7,079	8,245	8,558	8,906
Anglo-Saxon	1,250	1,505	1,033	2,993	3,382	3,565	3,615
Spanish			379	258	299	268	246
Portuguese	3,809	4,662	5,304	6,091	5,737	5,662	5,550
Japanese	1,352	7,078	17,541	39,115	42,864	43,606	44,272
Chinese	1,289	2,855	3,721	6,703	6,733	6,643	6,603
Puerto Rican		372	1,068	1,183	1,298	1,376	1,435
Korean		260	508	1,719	1,934	2,021	2,028
Filipino			941	3,344	4,156	4,383	4,500
All other	229	582	407	791	1,009	1,140	1,252
PUERTO RICO							
Population	953,243	[3]1,118,012	[3]1,299,809	[3]1,544,000	[4]1,597,500	[4]1,621,300	[4]1,645,100
Persons of 5–17 years	322,393	[3]361,967	[3]438,743	[3]520,148	[4]550,200	[4]559,100	[4]568,000
Persons attending school	25,528	112,829	180,458	221,248	229,169	233,457	239,495
Teachers	525	1,092	3,214	4,451	4,601	4,639	4,993
Public-school buildings	[5]	274	569	1,080	1,096	1,046	1,053
Rented buildings	[5]	751	1,334	1,170	901	927	1,022
Schoolrooms	525	1,161	3,096	4,690	4,477	4,428	4,577
School expenditures [6]	$288,098	$1,244,502	$2,961,877	$5,299,450	$5,405,288	$5,160,309	$4,870,570
Expenditures per inhabitant [6]	$0.30	$1.11	$2.28	$3.43	$3.38	$3.18	$2.96
PHILIPPINE ISLANDS							
Schools	2,285	4,531	5,944	7,821	7,341	7,679	
Primary	2,233	4,295	5,280	7,694	7,516	7,559	
Intermediate	17	198	614				
Secondary	35	38	50	127	125	120	
Teachers	4,641	9,007	17,575	28,519	27,252	26,957	
American	787	732	341	263	219	188	
Filipino	3,854	8,275	17,234	28,256	27,033	26,769	
Average monthly enrollment	[7][8]227,600	[8][9]451,938	678,956	1,100,896	1,143,864	1,135,542	
ALASKA TERRITORY							
Native schools: [10]							
Number	25	77	67	93	104	103	99
Pupils enrolled	1,753	3,964	3,610	3,899	4,586	4,618	4,356
Average attendance		1,692	2,367	3,029	3,332	3,156	3,357
Teachers	27	103	138	195	219	212	193
Teachers' salaries	$18,341	$85,834	$122,014	$229,667	$291,631	$294,251	$230,040
Total cost	$29,274	$195,613	$249,456	$580,400	$749,956	$506,924	$422,026
White schools: [11]							
Teachers			163	253	263	279	271
Pupils enrolled		[12]621	3,418	5,066	5,395	5,548	5,519
Average attendance			[13]1,635	4,167	4,601	4,728	4,729
Expenditures		[13]$36,486	$330,038	$594,662	$604,887	$608,471	$561,640

[1] Statistics for Puerto Rico are for 1898–99; for Philippine Islands, for 1903–4.
[2] Figures by race for 1899–1900 include 4,036 pupils in private schools, and for 1909–10, 5,628; thereafter, all figures are for public schools only. The number of pupils in private schools in 1919–20 was 7,406; 1929–30, 11,835; 1931–32, 12,617; 1932–33, 12,589, and 1933–34, 11,812.
[3] Censuses of 1910, 1920, and 1930, respectively.
[4] Census estimates as of July 1.
[5] No school buildings on the island, the 525 schools in operation being conducted, as a rule, in teachers' residences.
[6] Revised to exclude expenditures for the University of Puerto Rico.
[7] March. [8] Highest monthly enrollment. [9] September.
[10] Statistics for 1899–1900 are for all public schools.
[11] Including mixed schools outside of incorporated towns and districts.
[12] Native and mixed schools outside of incorporated towns only.
[13] Mixed and white schools outside of incorporated towns not included.

Sources: Hawaii and Puerto Rico, reports of the Governor of Hawaii and Puerto Rico, respectively. Philippine Islands, reports of the Director of Education. Alaska, native schools, Office of Education and Office of Indian Affairs, Department of the Interior; white schools, reports of the Governor of Alaska and Commissioner of Education, Alaska.

No. 121.—UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS: LIBRARIES AND OTHER PROPERTY

[All money figures in thousands of dollars]

Division and State or Territory	Volumes in libraries		Value of libraries, scientific apparatus, machinery, and furniture		Value of grounds, buildings, and dormitories		Productive funds[1]		
	1930	1932	1930	1932	1930	1932	1920	1930	1932
Cont'l U.S.	44,396,422	48,662,136	243,297	319,797	1,479,734	1,686,817	556,350	1,347,676	1,365,635
New England	8,566,647	9,049,102	25,573	31,780	139,228	167,711	137,747	346,694	362,613
Maine	405,645	442,843	935	1,796	7,138	6,841	3,679	10,438	10,772
New Hampshire	329,845	340,434	1,309	1,698	8,788	12,586	5,284	16,153	13,697
Vermont	232,178	236,276	385	540	5,040	4,149	2,581	6,136	6,170
Massachusetts	4,832,681	4,975,922	10,689	12,730	67,008	70,387	92,571	211,230	228,954
Rhode Island	444,824	504,569	465	505	6,939	8,922	3,266	10,870	10,554
Connecticut	2,321,474	2,549,058	11,790	14,511	44,225	64,826	30,366	91,867	92,466
Middle Atlantic	8,340,144	9,000,200	40,573	59,329	384,470	430,003	153,282	312,096	316,460
New York	4,861,059	4,334,721	21,932	29,255	216,040	249,903	91,564	208,265	187,599
New Jersey	660,837	1,427,889	3,219	4,181	27,006	29,115	13,243	15,128	37,867
Pennsylvania	2,818,248	3,237,590	15,422	25,893	141,424	150,985	48,455	88,703	90,994
East North Central	9,450,155	10,149,313	54,221	70,979	293,950	338,225	88,071	249,182	237,704
Ohio	2,720,349	3,047,178	13,164	21,036	87,815	103,370	23,004	84,083	82,539
Indiana	950,859	1,058,211	6,168	8,750	34,826	42,573	7,948	20,577	17,175
Illinois	3,300,050	3,436,934	14,459	17,717	93,743	103,837	46,943	118,890	112,978
Michigan	1,276,709	1,395,153	13,919	15,541	51,200	57,266	3,411	12,308	13,123
Wisconsin	1,202,188	1,211,837	6,511	7,885	26,366	31,179	6,765	12,424	11,889
West North Central	5,204,092	5,724,280	40,258	44,826	164,925	178,395	46,784	91,250	92,051
Minnesota	1,170,048	1,369,362	7,804	9,537	40,128	42,386	7,818	19,819	20,619
Iowa	1,058,257	1,192,158	9,668	10,298	32,255	38,447	10,797	14,346	12,821
Missouri	1,344,795	1,469,415	9,781	11,562	44,417	50,174	17,152	34,068	34,214
North Dakota	167,623	178,544	1,613	1,519	4,148	4,383	3,788	4,696	4,287
South Dakota	205,220	257,604	1,336	2,064	6,331	6,509	968	3,708	3,774
Nebraska	505,403	521,176	3,189	3,782	15,393	15,107	2,449	6,642	8,581
Kansas	753,346	736,021	6,367	6,014	22,253	21,389	3,822	7,971	7,755
South Atlantic	4,280,015	5,102,357	21,756	36,073	212,842	233,397	34,562	123,186	133,877
Delaware	41,500	44,923	1,065	1,030	2,749	3,180	395	681	604
Maryland	833,449	926,398	4,959	5,703	45,516	50,240	10,808	31,218	34,562
Dist. of Columbia	448,121	571,752	1,447	2,340	15,050	15,893	3,851	6,137	6,191
Virginia	733,412	957,910	3,498	5,221	31,383	35,372	7,309	28,253	29,910
West Virginia	233,854	236,321	1,970	2,078	12,824	12,435	973	3,222	2,947
North Carolina	825,117	1,035,385	5,057	7,929	52,674	57,016	2,936	35,286	35,545
South Carolina	402,006	422,399	3,760	4,257	18,126	19,510	1,735	5,054	5,055
Georgia	562,522	626,824	4,140	4,670	27,657	29,175	5,071	15,497	16,278
Florida	200,034	280,445	1,860	2,845	6,863	9,976	1,424	2,838	2,785
East South Central	1,637,729	1,858,983	10,201	12,830	66,552	80,188	17,015	57,249	57,412
Kentucky	500,859	625,874	1,962	3,178	14,225	19,860	4,042	17,100	17,177
Tennessee	634,675	688,687	3,698	4,697	27,761	32,228	8,833	29,949	29,924
Alabama	268,137	304,134	2,067	2,185	11,596	14,638	2,480	6,207	7,303
Mississippi	234,058	240,288	2,474	2,770	12,970	13,462	1,651	3,933	3,008
West South Central	2,083,860	2,327,426	16,979	22,100	82,410	97,087	16,230	64,895	76,263
Arkansas	213,685	241,723	1,494	1,912	7,434	7,864	770	2,190	2,427
Louisiana	336,305	318,190	2,809	4,043	17,485	20,070	6,488	12,958	12,874
Oklahoma	313,084	352,076	2,898	3,935	12,049	14,528	3,925	4,989	4,838
Texas	1,220,786	1,415,437	9,778	12,210	45,442	54,690	5,047	44,758	56,124
Mountain	1,451,323	1,588,180	7,998	11,561	36,978	41,290	4,692	16,964	16,569
Montana	253,321	247,856	959	1,400	5,288	5,021	----	3,025	3,484
Idaho	120,500	125,574	652	1,048	2,174	3,766	1,719	2,509	2,660
Wyoming	75,351	110,039	511	1,036	2,105	2,366	807	2,318	2,406
Colorado	538,268	578,332	3,030	3,891	14,658	15,965	1,637	5,336	5,581
New Mexico	70,348	81,721	674	889	2,706	3,482	70	736	755
Arizona	90,700	106,900	275	1,114	2,548	2,633	10	728	709
Utah	252,810	283,371	1,494	1,763	5,883	6,708	120	1,477	420
Nevada	50,025	54,337	403	420	1,526	1,949	329	335	345
Pacific	3,381,857	3,882,345	19,738	30,519	98,379	120,521	57,977	86,160	72,686
Washington	600,711	694,165	3,271	4,637	13,515	18,888	8,449	9,988	5,301
Oregon	477,101	532,086	3,194	4,318	12,488	12,461	4,244	5,371	5,539
California	2,304,045	2,656,094	13,273	21,564	72,376	89,172	45,284	70,801	61,846
Alaska Territory	11,016	11,534	166	227	232	275	----	50	----
Hawaii Territory	50,194	71,389	391	533	2,409	2,225	----	6	----
Puerto Rico	25,210	34,497	262	482	716	894	11	335	450
Philippine Islands	----	----	548	----	1,778	----	----	----	----

[1] Figures for 1920 and 1930 include student-aid funds and annuity funds which are excluded from figures for 1932.

Source: Office of Education, Department of the Interior.

No. 122.—UNIVERSITIES, COLLEGES, AND

Division and State or outlying area	Number of institutions, 1932	Faculty, 1932 (reduced to full-time basis)		Students of college grade						
				Total enrollment, excluding duplicates					Arts and sciences, 1932	
						1932 [1]			Undergraduate	
		Male	Female	1920	1930	Total	Male	Female	Male	Female
Continental U.S.	1,171	67,164	22,020	462,445	924,275	989,757	616,843	372,914	292,702	232,976
New England	62	7,468	1,448	42,626	71,608	70,169	50,162	20,007	21,218	12,829
Maine	5	356	90	2,647	3,310	3,682	2,714	968	1,747	774
New Hampshire	4	521	61	2,668	3,943	4,438	3,761	677	2,849	558
Vermont	4	275	78	1,533	2,319	2,395	1,552	843	1,054	726
Massachusetts	33	5,039	955	29,464	50,352	48,119	33,055	15,064	9,471	9,262
Rhode Island	3	245	29	1,738	3,653	3,036	2,250	786	1,435	524
Connecticut	13	1,030	235	4,576	8,031	8,499	6,830	1,669	4,662	985
Middle Atlantic	152	15,535	3,822	96,620	220,877	251,421	160,451	90,970	61,629	37,976
New York	68	8,589	2,282	56,723	143,278	170,902	103,560	67,352	41,833	28,191
New Jersey	16	1,037	213	3,950	11,162	10,007	8,078	1,929	4,276	1,820
Pennsylvania	68	5,909	1,327	35,947	66,437	70,512	48,823	21,689	15,520	7,965
East North Central	188	11,986	3,473	112,177	207,093	203,810	126,729	76,581	58,743	45,577
Ohio	54	3,509	1,366	29,565	64,650	58,464	34,282	24,182	17,313	12,648
Indiana	27	1,527	386	14,777	21,438	22,456	15,716	6,740	7,239	4,806
Illinois	59	3,799	861	40,405	71,857	67,218	42,768	24,450	19,409	16,605
Michigan	30	2,002	516	14,337	32,391	33,086	23,164	14,922	9,619	7,121
Wisconsin	18	1,129	344	13,093	16,757	17,086	10,799	6,287	5,163	4,397
West North Central	206	7,689	3,024	67,320	105,068	111,672	67,725	43,947	34,511	29,131
Minnesota	30	1,602	539	14,372	21,263	23,138	14,130	9,008	7,336	5,947
Iowa	56	1,661	731	15,836	20,848	21,707	13,342	8,365	7,580	5,929
Missouri	51	1,926	680	13,694	23,990	28,169	17,548	10,621	7,643	7,034
North Dakota	5	350	81	2,018	4,006	4,147	2,612	1,535	1,182	737
South Dakota	11	353	145	2,612	4,134	4,371	2,531	1,840	1,436	1,490
Nebraska	17	756	322	8,075	13,245	12,261	7,184	5,077	3,114	2,557
Kansas	36	1,041	526	11,213	17,582	17,879	10,378	7,501	6,220	5,437
South Atlantic	175	7,963	3,437	51,517	97,085	102,485	65,390	37,095	31,951	28,488
Delaware	2	98	43	498	711	804	483	321	256	197
Maryland	19	1,515	377	8,594	13,813	14,129	11,062	3,067	2,732	2,594
Dist. of Columbia	12	831	125	9,368	15,202	16,620	11,543	5,077	4,229	2,996
Virginia	30	1,381	688	8,002	14,566	17,021	11,113	5,908	6,031	5,181
West Virginia	10	458	164	2,955	6,433	5,791	3,536	2,255	2,321	1,700
North Carolina	40	1,266	806	7,509	16,311	17,862	10,752	7,110	7,662	6,403
South Carolina	21	680	401	5,013	10,326	10,226	5,135	5,091	2,905	4,368
Georgia	31	1,037	495	7,799	13,846	13,463	8,098	5,365	3,351	3,364
Florida	10	697	338	1,779	5,857	6,569	3,668	2,901	1,564	1,685
East South Central	101	3,268	1,628	17,147	42,180	46,155	26,179	19,976	15,036	16,001
Kentucky	30	872	362	4,363	10,200	11,941	6,784	5,157	3,732	4,307
Tennessee	32	1,212	508	5,143	14,552	15,393	8,473	6,920	5,025	5,034
Alabama	12	669	321	4,130	9,842	11,273	7,073	4,200	3,236	3,005
Mississippi	27	515	437	3,511	7,566	7,548	3,849	3,699	3,043	3,655
West South Central	134	4,805	2,209	28,372	67,448	72,088	40,335	31,753	22,823	24,963
Arkansas	20	545	293	2,207	5,325	6,432	3,767	2,665	2,842	2,319
Louisiana	12	1,026	407	3,606	9,400	11,158	6,701	4,457	2,845	2,725
Oklahoma	23	907	451	5,139	14,589	16,985	9,398	7,587	4,390	4,654
Texas	79	2,327	1,058	15,420	38,134	37,513	20,469	17,044	12,746	15,265
Mountain	45	2,215	778	11,410	28,765	33,361	21,011	12,350	9,970	7,283
Montana	6	266	85	1,481	3,203	3,630	2,351	1,279	1,582	1,050
Idaho	6	282	88	1,239	2,971	3,802	2,670	1,132	1,352	770
Wyoming	1	161	66	375	1,177	1,402	828	574	361	191
Colorado	15	656	229	3,712	8,835	10,265	6,421	3,844	2,502	2,613
New Mexico	4	196	43	825	1,874	2,068	1,360	708	574	225
Arizona	3	204	69	1,068	2,743	2,943	1,783	1,160	1,121	647
Utah	9	359	175	2,260	6,916	8,199	4,979	3,220	2,168	1,339
Nevada	1	91	23	430	1,046	1,052	619	433	310	339
Pacific	108	6,257	2,201	36,756	84,191	99,086	58,861	40,235	36,821	30,328
Washington	15	893	349	7,855	15,127	15,049	9,198	5,851	5,417	4,520
Oregon	13	742	203	7,136	9,747	9,473	6,029	3,444	1,863	1,568
California	80	4,622	1,644	21,755	59,317	74,574	43,634	30,940	29,541	24,740
Alaska	1	17	7	----	86	144	91	53	41	51
Hawaii	1	152	75	171	965	2,017	895	1,122	387	195
Puerto Rico	1	94	45	644	1,484	1,631	899	732	189	101
Philippine Islands	1	9	1	----	6,648	207	110	97	110	97

[1] Includes special and unclassified students not shown separately.
[2] Includes professional in all departments. For detailed classification see table 123.

PROFESSIONAL SCHOOLS: By States

Students of college grade—Continued						Preparatory, 1932		Total receipts exclusive of additions to endowments (thousands of dollars)		Division and State or outlying area
Arts and sciences, 1932—Con.		Professional, 1932 [2]								
Graduate		Undergraduate		Graduate						
Male	Female	Male	Female	Male	Female	Male	Female	1930	1932	
25,943	16,710	257,342	84,407	24,436	9,664	19,372	14,378	567,618	563,632	Continental U.S.
3,053	1,478	22,517	5,124	2,817	436	686	326	76,208	73,915	New England.
21	22	379	146	21	1	9	-------	2,774	2,938	Maine.
66	22	727	97	-------	-------	81	51	3,519	3,957	New Hampshire.
24	18	457	90	7	1	-------	-------	2,051	2,165	Vermont.
2,035	1,117	18,515	4,304	2,606	357	596	261	42,371	42,399	Massachusetts.
233	105	560	157	12	-------	-------	-------	2,577	2,645	Rhode Island.
674	192	1,379	330	171	77	-------	14	22,916	19,811	Connecticut.
6,505	4,437	71,158	24,675	8,201	5,540	3,561	4,361	122,130	131,329	Middle Atlantic.
4,297	3,044	46,844	17,516	6,097	4,960	2,480	3,775	69,199	79,327	New York.
407	46	1,097	49	174	2	31	70	8,263	11,159	New Jersey.
1,801	1,347	23,217	7,110	1,930	578	1,051	516	44,668	40,843	Pennsylvania.
6,608	3,322	54,410	20,939	6,201	1,126	3,431	2,238	120,972	107,313	East North Central.
1,756	733	14,184	9,748	2,903	423	1,087	637	34,484	28,980	Ohio.
608	251	7,687	1,537	150	26	388	66	15,122	15,624	Indiana.
2,534	1,256	19,155	4,682	2,004	250	1,333	1,009	40,809	32,384	Illinois.
935	626	9,177	3,806	751	324	390	216	18,841	17,786	Michigan.
775	456	4,207	1,166	393	105	233	310	11,716	12,539	Wisconsin.
2,552	1,922	27,586	10,400	1,938	497	3,805	1,566	63,963	60,971	West North Central.
426	377	5,053	2,703	912	153	1,414	370	15,606	13,618	Minnesota.
851	484	4,627	1,661	254	-------	755	360	14,045	13,164	Iowa.
524	473	7,614	1,463	293	126	719	323	14,942	15,194	Missouri.
90	55	1,318	725	21	14	30	35	2,733	2,416	North Dakota.
53	39	985	195	17	-------	208	170	2,672	2,449	South Dakota.
277	268	3,561	2,041	182	65	543	164	5,829	6,245	Nebraska.
331	226	3,828	1,612	257	139	136	144	8,136	7,885	Kansas.
2,672	1,194	28,910	5,603	979	227	1,410	1,353	62,997	64,651	South Atlantic.
-------	-------	225	124	2	-------	-------	-------	1,316	1,053	Delaware.
658	26	7,418	377	266	24	237	9	10,830	12,200	Maryland.
925	574	5,497	737	281	137	97	76	4,620	5,297	Dist. of Columbia.
262	89	3,655	586	131	4	223	221	11,885	11,950	Virginia.
81	56	980	357	99	25	38	67	4,123	3,464	West Virginia.
378	158	2,580	234	99	-------	294	384	11,742	11,352	North Carolina.
82	127	2,099	361	23	25	147	180	5,498	5,106	South Carolina.
142	125	4,486	1,738	78	9	214	208	8,112	9,032	Georgia.
144	39	1,970	1,089	-------	3	189	208	4,871	5,197	Florida.
478	414	10,036	2,882	404	164	1,605	1,693	27,984	25,270	East South Central.
167	180	2,674	581	222	79	918	965	6,335	6,144	Kentucky.
162	103	3,227	1,651	70	55	296	240	10,020	11,333	Tennessee.
92	106	3,408	643	102	30	206	165	6,493	4,348	Alabama.
57	25	727	7	10	-------	185	323	5,136	3,445	Mississippi.
964	820	15,858	5,185	682	215	1,856	1,855	34,888	36,838	West South Central.
24	8	908	299	24	9	598	393	3,230	2,976	Arkansas.
96	132	3,503	1,500	208	58	103	155	5,463	6,952	Louisiana.
212	178	4,489	2,135	309	128	639	503	7,310	6,353	Oklahoma.
632	502	6,958	1,251	141	20	616	804	18,885	20,557	Texas.
718	606	9,620	4,052	496	118	799	427	16,330	17,888	Mountain.
95	32	617	149	34	7	65	39	1,872	1,997	Montana.
27	26	1,203	285	73	16	61	47	1,636	2,130	Idaho.
23	22	381	292	21	7	-------	-------	978	1,246	Wyoming.
273	292	3,554	880	214	42	139	100	5,136	5,713	Colorado.
43	51	703	360	2	-------	260	-------	1,772	1,467	New Mexico.
63	58	509	423	90	32	34	39	1,665	1,817	Arizona.
170	83	2,385	1,617	48	13	240	202	2,548	2,882	Utah.
22	42	268	46	14	1	-------	-------	723	631	Nevada.
2,395	2,519	17,247	5,547	2,720	1,539	2,119	559	42,146	45,462	Pacific.
437	316	3,116	871	179	73	466	116	6,649	6,034	Washington.
121	83	3,823	1,609	179	91	229	-------	6,349	4,557	Oregon.
1,837	2,120	10,308	3,067	2,362	1,375	1,424	443	29,148	34,871	California.
-------	-------	49	2	1	-------	-------	-------	108	196	*Alaska.*
51	49	271	499	15	2	-------	-------	694	811	Hawaii.
4	8	683	587	-------	-------	-------	-------	843	787	Puerto Rico.
-------	-------	-------	-------	-------	-------	-------	-------	1,324	33	Philippine Islands.

Source: Office of Education, Department of the Interior.

No. 123.—NUMBER OF STUDENTS PURSUING SPECIFIED PROFESSIONAL COURSES IN UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS, 1932

NOTE.—Students pursuing courses in professions other than those shown in the table are as follows, Architecture, 4,399; fine arts, 4,941; forestry, 2,221; journalism, 2,115; library science, 1,088; music 6,191; nursing, 6,385; veterinary medicine, 1,310; and other, 17,903. For total students classified as professional, see table 122. There are also some professional students in arts and sciences courses

Division and State or outlying area	Theology	Law	Medicine	Dentistry	Pharmacy	Engineering	Agriculture	Home economics	Education	Commerce and business
Continental U.S.	12,350	37,170	24,040	8,519	9,782	77,041	14,671	10,768	72,491	64,274
New England	1,483	5,540	1,608	421	676	7,281	289	388	2,453	6,772
Maine	51					563	120	112	46	
New Hampshire			40			427	86	85		191
Vermont			154			284	37	80		
Massachusetts	1,120	5,224	1,222	421	406	5,617			2,407	6,437
Rhode Island					113	327	26	111		144
Connecticut	312	316	192		157	63				
Middle Atlantic	3,220	9,227	5,420	2,089	3,572	17,236	2,219	1,463	25,551	26,245
New York	1,798	6,990	2,808	921	2,076	8,030	1,495	814	17,179	20,546
New Jersey	362	618			382	1,554	216		101	
Pennsylvania	1,060	1,619	2,612	1,168	1,114	7,652	508	649	8,271	5,699
East North Central	2,701	7,282	5,488	2,007	1,841	17,491	2,822	2,429	16,591	14,654
Ohio	581	1,170	971	348	540	4,549	890	845	9,582	4,117
Indiana	180	770	453	168	304	3,775	341	439	868	1,167
Illinois	1,507	3,257	2,469	1,051	746	3,037	588	238	1,687	8,202
Michigan	112	1,540	959	238	351	4,427	467	503	3,495	883
Wisconsin	321	545	636	202		1,703	536	344	959	285
West North Central	1,966	3,187	3,437	1,278	1,109	9,306	2,661	2,696	5,802	3,412
Minnesota	480	547	1,085	239	170	2,297	463	516	2,241	755
Iowa	122	312	383	178	217	2,057	616	978	397	324
Missouri	932	1,606	960	643	305	1,481	449	112	499	427
North Dakota		60	56		100	492	185	186	590	111
South Dakota		72	40		67	628	128	113	15	48
Nebraska	85	301	650	218	191	764	363	272	1,457	1,167
Kansas	338	289	313		59	1,587	457	519	603	580
South Atlantic	869	4,990	3,364	1,162	850	6,892	1,828	923	7,101	2,762
Delaware						194	33	54	70	
Maryland	50	165	708	424	361	734	262	95	2,951	105
District of Columbia	231	3,268	1,108	310	73	589			480	117
Virginia	220	420	603	126	127	1,297	268	95	306	488
West Virginia		149	144		38	435	148	164	167	
North Carolina	170	256	292		81	812	243		275	347
South Carolina	31	117	144		98	693	401		232	293
Georgia	167	322	365	302	16	1,718	237	307	1,374	883
Florida		293			56	370	236	208	1,186	529
East South Central	728	1,179	1,345	368	304	3,387	730	828	2,666	1,467
Kentucky	634	280	342	151	93	718	185	117	628	408
Tennessee	94	606	843	217	149	675	419	563	933	93
Alabama		220	107		34	1,565	126	148	1,005	798
Mississippi		73	53		28	429				168
West South Central	614	1,662	1,706	299	272	8,855	1,752	790	3,385	2,726
Arkansas	30	120	198			292	113	118	306	106
Louisiana		331	586	142	76	1,100	363	161	1,172	835
Oklahoma	146	256	233		110	1,818	457	305	1,612	1,470
Texas	438	955	689	157	86	3,445	819	206	275	315
Mountain	138	611	292	12	208	4,181	1,116	612	3,250	2,370
Montana		63			54	209			37	92
Idaho		39			74	428	172		410	292
Wyoming		33				170	113	64	315	
Colorado	138	292	214	12	75	1,850	243	254		847
New Mexico						475	84	56	391	42
Arizona		89				290	93	59	533	
Utah		95	78			522	360	132	1,564	1,097
Nevada						231	51	47		
Pacific	631	3,492	1,330	883	855	4,812	1,274	639	5,812	3,866
Washington	53	388			242	1,653	276	219	469	
Oregon		406	252	226	123	735	345	420	717	1,359
California	578	2,698	1,078	657	490	2,224	653		4,626	2,507
Alaska						52				
Hawaii						67	114	90	491	
Puerto Rico		76			56	179	167	183	483	126

Source: Office of Education, Department of Interior.

No. 124.—NORMAL SCHOOLS AND TEACHERS' COLLEGES: NUMBER OF SCHOOLS AND TEACHERS AND STUDENTS, BY SEX, BY STATES

Division and State or outlying area	Public normal schools and public and private teachers' colleges									Private normal schools, 1932		
	Teachers					Students[1]						
	Number, 1932	1920	1930	1932		1920	1930	1932		Number	Teachers	Students
				Male	Female			Male	Female			
Cont'l U.S.	261	8,260	11,027	[2] 4,427	[2] 6,805	152,909	167,346	49,977	111,256	28	[2] 383	3,131
New England	30	668	723	201	774	5,496	6,310	803	6,725	7	72	1,039
Maine	7	84	110	26	103	574	1,349	273	1,206			
N. Hampshire	3	59	85	39	68	337	903	159	603			
Vermont	2	15	10	1	20	280	123	9	274			
Massachusetts	11	324	331	85	281	2,779	2,820	284	2,903	5	60	967
Rhode Island	1	81	31	23	79	457	609	40	566			
Connecticut	6	105	156	27	223	569	1,006	58	1,023	2	12	72
Middle Atlantic	40	1,383	1,863	637	1,283	19,789	27,082	5,882	20,211	7	99	987
New York	16	698	833	203	551	9,448	12,678	1,868	9,152	6	87	766
New Jersey	7	186	218	79	193	1,610	3,107	542	2,945			
Pennsylvania	17	499	817	295	539	8,731	11,297	3,472	8,114	1	12	221
E. N. Central	66	1,823	2,434	917	1,285	37,607	34,475	11,971	19,432	4	79	418
Ohio	3	320	160	81	105	6,976	2,113	851	1,982	1	23	120
Indiana	4	206	219	145	119	5,812	4,535	1,938	2,599			
Illinois	9	348	637	223	364	8,495	9,073	2,576	5,472	3	56	298
Michigan	24	431	854	232	385	7,478	11,753	3,028	4,409			
Wisconsin	26	521	564	236	312	8,846	7,001	3,578	4,880			
W. N. Central	31	1,504	1,702	771	1,036	31,825	24,059	8,535	17,606	5	58	355
Minnesota	6	204	255	82	182	3,969	3,296	980	2,900	2	25	232
Iowa	1	172	183	78	94	4,158	2,620	726	1,684			
Missouri	8	359	445	211	244	8,828	7,426	3,083	5,032	1	9	23
North Dakota	5	214	205	84	122	2,574	2,885	781	1,983			
South Dakota	4	197	159	77	132	2,581	1,885	505	1,133			
Nebraska	4	172	183	85	132	3,052	2,203	892	1,657	2	24	100
Kansas	3	246	272	154	130	6,003	3,744	1,568	2,251			
South Atlantic	33	800	1,075	381	713	13,334	16,772	3,327	11,898	1	10	52
Maryland	5	87	82	13	106	915	1,325	133	901			
Dist. of Col.	2	31	53	22	71	191	612	108	590	1	10	52
Virginia	6	203	360	64	187	4,644	4,750	42	2,978			
West Virginia	7	164	225	155	133	2,753	5,199	2,210	3,439			
N. Carolina	8	125	147	84	149	2,100	2,590	464	2,920			
S. Carolina		49	40			918	324					
Georgia	5	141	169	43	67	1,813	1,972	370	870			
E. S. Central	20	448	877	472	560	10,946	19,035	5,586	11,000			
Kentucky	6	124	297	147	213	3,164	6,677	2,716	4,456			
Tennessee	5	135	257	195	163	3,880	5,843	1,474	3,592			
Alabama	7	161	226	90	132	2,859	4,011	1,017	2,038			
Mississippi	2	28	97	40	52	1,043	2,504	379	914			
W. S. Central	17	782	1,144	515	505	21,168	19,650	7,016	11,738			
Arkansas	2	48	66	41	42	1,109	1,120	425	645			
Louisiana	2	86	147	40	57	1,223	1,780	275	1,124			
Oklahoma	6	205	374	185	153	10,361	8,181	3,248	5,041			
Texas	7	333	557	249	253	8,475	8,569	3,068	4,928			
Mountain	11	384	450	221	239	6,766	5,558	2,137	4,123			
Montana	2	46	60	23	30	567	694	154	765			
Idaho	2	68	60	25	43	1,083	841	190	434			
Colorado	3	129	158	88	80	2,348	2,263	836	1,619			
New Mexico	2	68	83	33	34	2,057	761	251	461			
Arizona	2	61	89	52	52	659	999	706	844			
Utah		12				52						
Pacific	13	425	759	312	410	5,978	13,905	4,720	8,729	4	65	280
Washington	3	165	168	68	105	2,840	2,487	768	1,304	1	21	81
Oregon	3	28	111	33	88	737	1,845	465	917	2	34	150
California	7	232	480	211	217	2,401	9,573	3,487	6,508	1	10	49
Hawaii		54	74			423	1,482					
	Private teachers' colleges only (included above)											
Alabama	1			39	14			313	262			
Connecticut	1			10	4			58	72			
Illinois	2	22	64	5	49	257	757		637			
Indiana	2	83	76	18	9	2,829	1,583	358	293			
New Jersey	1			8	5			84	76			
New York	1			32	20			279	267			
North Carolina	1		74	5	20		1,692		400			
Tennessee	1	73	190	110	79	1,828	3,751	311	911			
Utah		12				52						
Virginia			158				1,961					

[1] Regular session only.
[2] Represents total number reduced to full-time basis.
Source: Office of Education, Department of the Interior.

No. 125.—NURSE TRAINING, COMMERCIAL, SUMMER, AND REFORM SCHOOLS

Division and State or outlying area	Nurse-training schools, 1931		Commercial schools, 1932		Summer schools, 1932		Reform schools, 1932	
	Schools	Students	Schools	Students	Normal schools, etc.[1]	Universities, etc.[2]	Schools	Students
Continental United States	1,844	100,394	651	102,286	136,179	278,081	148	57,259
New England	205	11,777	60	13,885	2,306	9,549	16	5,733
Maine	32	903	5	484	883	863	2	371
New Hampshire	23	766	4	633	281	284	1	287
Vermont	12	358	1	60	-------	1,000	1	347
Massachusetts	102	6,668	20	5,822	1,120	7,377	7	2,807
Rhode Island	11	1,287	7	4,789	-------	-------	2	922
Connecticut	25	1,795	17	2,097	22	25	3	1,289
Middle Atlantic	363	24,890	148	27,280	12,848	60,675	28	15,711
New York	152	11,724	71	15,024	6,337	40,172	14	8,811
New Jersey	52	3,148	24	2,548	729	2,600	4	1,748
Pennsylvania	159	10,018	53	9,708	5,782	17,903	8	5,152
East North Central	330	22,144	123	17,929	26,493	56,076	18	9,729
Ohio	80	5,389	38	6,138	2,701	17,136	3	1,686
Indiana	32	2,132	18	2,106	4,619	7,590	2	908
Illinois	134	7,466	31	5,482	7,278	15,762	7	4,755
Michigan	48	3,676	23	3,204	6,168	9,247	4	1,620
Wisconsin	36	3,481	13	999	5,727	6,341	2	760
West North Central	251	12,264	70	9,968	26,329	32,928	15	4,333
Minnesota	59	3,776	14	1,579	3,028	6,670	3	1,357
Iowa	46	2,240	13	1,744	2,614	8,291	3	1,071
Missouri	39	2,176	11	2,063	8,518	6,289	3	964
North Dakota	17	727	8	620	2,773	997	1	250
South Dakota	19	541	3	333	1,611	1,196	1	213
Nebraska	19	1,212	3	519	3,221	3,929	3	723
Kansas	52	1,592	18	3,110	4,564	5,556	1	255
South Atlantic	273	10,240	67	7,173	11,733	33,952	31	9,114
Delaware	6	219	1	55	-------	497	3	374
Maryland	28	1,778	6	737	-------	2,918	7	2,618
District of Columbia	12	1,183	5	1,763	-------	3,568	2	909
Virginia	45	1,661	10	1,000	2,282	5,756	4	874
West Virginia	40	1,116	6	945	4,254	2,605	2	631
North Carolina	59	1,660	10	596	3,674	6,847	4	1,392
South Carolina	26	710	7	239	-------	3,366	3	588
Georgia	39	1,235	10	1,069	1,523	5,240	3	411
Florida	18	678	12	769	-------	3,155	3	1,317
East South Central	134	4,244	41	4,122	15,581	17,471	8	4,802
Kentucky	31	1,071	13	1,300	4,407	4,753	1	2,051
Tennessee	30	1,351	17	1,591	5,731	5,636	4	1,519
Alabama	36	1,155	5	600	4,020	5,286	2	805
Mississippi	37	667	6	631	1,423	1,796	1	427
West South Central	132	5,009	57	6,944	26,225	34,628	8	2,725
Arkansas	23	503	6	500	1,755	2,933	1	547
Louisiana	17	1,048	5	208	1,268	5,362	1	310
Oklahoma	22	789	15	2,979	9,745	7,071	2	576
Texas	70	2,669	31	3,257	13,457	19,262	4	1,292
Mountain	63	2,851	18	4,012	6,424	11,249	12	2,045
Montana	16	551	3	913	772	618	2	267
Idaho	10	272	1	178	281	501	1	603
Wyoming	6	167	-------	-------	-------	1,061	2	123
Colorado	20	1,181	6	1,453	3,038	6,089	2	525
New Mexico	2	61	-------	-------	1,527	921	3	254
Arizona	3	178	4	473	806	407	1	166
Utah	6	441	2	995	-------	1,652	-------	-------
Nevada	-------	-------	-------	-------	-------	-------	1	107
Pacific	93	6,875	69	10,973	8,240	21,553	12	2,567
Washington	27	1,525	19	3,526	2,391	5,062	4	788
Oregon	13	726	6	1,068	1,399	2,746	2	266
California	53	4,724	44	6,369	4,450	13,745	6	1,523
OUTLYING AREAS								
Hawaii Territory	-------	-------	3	720	-------	595	-------	-------
Philippine Islands	7	393	1	592	-------	108	-------	-------
Puerto Rico	2	90	2	216	-------	1,128	1	235

[1] Normal schools and teachers' colleges. [2] Universities, colleges, and professional schools.

Source: Office of Education, Department of the Interior.

No. 126.—SCHOOLS FOR THE BLIND, THE DEAF, AND THE MENTALLY DEFICIENT, 1932

State	Blind and partially seeing						Deaf and hard of hearing						Mentally deficient					
	State schools		Public day schools		Private schools		State schools		Public day schools		Private schools		State institutions		Public day schools		Private institutions	
	Schools	Pupils	Cities reporting schools	Pupils	Schools	Pupils	Schools	Pupils	Cities reporting schools	Pupils	Schools	Pupils	Schools	Pupils	Cities reporting schools	Pupils	Schools	Pupils
Continental United States	47	4,510	95	5,308	11	1,020	57	12,408	116	4,434	27	2,482	80	12,171	483	75,099	50	1,615
Alabama	2	199					2	419	1	8			1	92	1	217		
Arizona	1	18					1	70							1	12		
Arkansas	2	148					1	310										
California	1	108	2	155			1	223	9	388	1	32	2	569	7	2,696	5	85
Colorado	1	63					1	176					2	123	1	51	1	6
Connecticut	1	(1)	2	39	1	11	1	118			1	216	1	99	18	1,637		
Delaware													1	42	1	139		
District of Columbia											2	200	1	(1)	1	568	1	25
Florida	1	87					1	237					1	161	1	269		
Georgia	1	102	1	21			1	244					1	46	1	490		
Idaho	1	21					1	77					1	86				
Illinois	1	258	7	467			1	546	7	513	1	118	2	605	11	4,672	3	110
Indiana	1	165	1	16			1	421					3	180	7	1,110	1	6
Iowa	1	158	1	32			1	355	3	161			2	720	10	1,155	1	35
Kansas	1	115					1	233	3	23			2	91	3	294	1	5
Kentucky	1	156					1	343	1	13			1	341	4	423	1	60
Louisiana	2	112					1	201			1	51	1	122			1	40
Maine							1	110					1	127	2	87		
Maryland	2	100	1	122			1	180	1	45	3	96	1	(1)	1	2,338	1	20
Massachusetts			12	193	1	284	2	276	7	399	2	172	4	1,118	63	3,965	4	118
Michigan	1	166	11	671			1	412	15	490	1	31	3	843	29	6,317	3	47
Minnesota	1	102	6	213			1	282	6	198	1	12	2	594	23	2,601	1	5
Mississippi	1	64					1	200					1	151				
Missouri	1	107	1	9			1	325	2	116	2	209	1	162	4	1,502	1	5
Montana	1	16					1	85					1	90	2	110		
Nebraska	1	60					1	192	1	16			1	193	2	306	1	(1)
Nevada																		
New Hampshire													1	191	4	204		
New Jersey			5	151	2	78	1	342	3	136			5	340	50	4,296	4	277
New Mexico	1	108					1	99					1	18				
New York	1	145	7	1,760	3	176	5	1,185	6	571	4	554	9	2,181	72	15,527	7	150
North Carolina	2	232					2	472					2	188	2	192		
North Dakota	1	37					1	111					1	156	1	46		
Ohio	1	224	24	937			1	519	15	468	1	102	4	570	43	6,084	2	38
Oklahoma	1	159					2	409	1	17	1	8	1	(1)	2	273		
Oregon	1	43	1	11			1	126	1	38			1	197	3	578		
Pennsylvania			5	260	4	471	2	603	5	198	5	598	4	503	55	11,655	5	292
Rhode Island			1	33			1	101					1	45	5	688	1	4
South Carolina	1	104					1	212	1	95			1	119	2	184		
South Dakota	1	37					1	106					1	64	2	116		
Tennessee	2	250					2	300					1	(1)			1	21
Texas	2	338	1	6			2	685	3	42			2	90	2	150		
Utah	1	29					1	130					1	110				
Vermont							1	56					1	59				
Virginia	2	108	3	65			2	249	2	35			1	98	4	472	2	41
Washington	1	96	3	147			1	135	4	115			1	154	9	2,106		
West Virginia	2	136					2	315	1	16			1	(1)	1	46		
Wisconsin	1	139					1	218	18	348	1	83	2	450	33	1,525	2	225
Wyoming													1	71				

[1] Data not available.

Source: Office of Education, Department of Interior.

No. 127.—SCHOOLS FOR THE BLIND, THE DEAF, AND THE MENTALLY DEFICIENT: CONTINENTAL UNITED STATES

Kind of school	Number of schools			Number of teachers			Number of pupils		
	1922	1927	1932	1922	1927	1932	1922	1927	1932
Schools for the blind, total	63	78	153	720	853	1,235	4,915	6,035	10,838
State			47			652			4,510
City day schools			95			411			5,308
Private			11			172			1,020
Schools for the deaf, total	153	166	200	1,901	2,283	2,469	14,328	17,433	19,324
State	61	68	57	1,414	1,712	1,642	10,738	13,033	12,408
City day schools	74	83	116	351	417	497	2,911	3,515	4,434
Private	18	15	27	136	154	330	679	885	2,482
Schools for the mentally deficient, total	214	303	613	1,956	3,493	4,917	63,329	104,021	88,885
State	51	51	80	492	580	700	38,761	49,791	12,171
City day schools	133	218	483	1,321	2,718	4,004	23,252	51,814	75,099
Private	30	34	50	143	195	213	1,386	2,416	1,615

Source: Office of Education, Department of the Interior.

No. 128.—VOCATIONAL EDUCATION: TEACHERS AND PUPILS IN FEDERALLY AIDED VOCATIONAL SCHOOLS AND TEACHER-TRAINING COURSES

NOTE.—See headnote, table 129. Hawaii included 1930 to 1934 and Puerto Rico 1932 to 1934

Class of school or course	Teachers				Pupils					
	1929	1930	1933	1934	1929	1930	1931	1932	1933	1934
VOCATIONAL SCHOOLS										
Total, all classes [1]					265,058	981,432	1,047,878	1,077,844	1,032,403	1,051,000
Male					163,228	603,514	629,806	618,852	579,088	593,555
Female					101,830	377,918	417,870	458,992	453,315	457,345
Evening	2,565	9,842	9,397	8,677	73,122	322,704	378,464	379,427	343,033	353,875
Part time	1,773	5,468	5,560	5,093	122,974	407,285	383,220	359,001	299,535	256,026
All day	3,331	9,245	11,934	12,646	68,962	241,486	279,631	328,226	379,835	430,843
Day-unit course		319	494	540		9,957	11,361	11,190	10,000	10,256
Agricultural [1]					31,301	188,311	235,153	252,199	264,105	286,150
Male					29,351	180,490	224,872	242,074	252,781	275,195
Female					1,950	7,821	10,281	10,125	11,324	10,955
Evening		1,878	2,283	2,241		60,462	85,688	87,138	81,689	99,293
Part time		306	747	652		4,164	6,435	10,792	12,558	11,719
All day	1,570	4,346	4,938	4,886	31,301	113,728	131,619	143,079	159,858	164,882
Day-unit course		319	494	540		9,957	11,361	11,190	10,000	10,256
Trade and industrial [1]					194,619	618,154	592,275	660,150	488,900	466,989
Male					133,872	422,575	404,701	375,808	325,010	316,710
Female					50,947	195,579	187,574	184,342	164,890	150,289
Evening	1,779	5,030	4,224	3,995	48,354	164,867	168,822	151,042	123,807	130,901
Part time, total	1,636	4,981	4,502	4,130	115,241	381,898	342,912	315,708	255,247	212,613
Trade extension	350	1,747	1,646	1,647	17,159	45,001	47,195	44,476	38,064	38,016
General continuation	1,286	3,234	2,856	2,483	98,082	336,297	295,717	271,232	217,183	174,597
All day	1,047	3,054	4,020	4,555	21,224	71,389	80,541	93,400	110,846	123,485
Home economics [1]					48,938	174,987	220,248	265,495	278,398	297,351
Male					5	449	233	970	1,297	1,750
Female					48,933	174,518	220,015	264,525	277,101	296,101
Evening	786	2,934	2,890	2,441	24,768	97,375	118,954	141,247	137,537	123,681
Part time	137	181	311	311	7,733	21,223	33,823	32,501	31,730	31,694
All day	714	1,845	2,976	3,205	16,437	56,389	67,471	91,747	109,131	142,476
TEACHER-TRAINING COURSES										
Total, all classes	1,082	[2] 843	[2] 858	[2] 790	12,456	20,736	22,088	22,468	19,645	15,962
Male	657	[2] 518	[2] 518	[2] 495	6,985	12,531	14,386	14,561	12,118	9,196
Female	425	[2] 325	[2] 340	[2] 295	5,471	8,205	7,702	7,907	7,527	6,786
In agriculture	293	195	205	185	2,310	3,325	2,911	3,171	3,429	2,386
Trade and industry	359	334	333	269	6,150	11,205	13,242	13,045	10,194	7,960
Home economics	414	316	328	344	3,652	6,206	5,935	6,252	6,022	5,636
Other and not specified	16				344					

[1] Total number of teachers omitted because of duplications in reports of States by types of schools.
[2] Excluding duplicates.

Source: Office of Education, Department of the Interior.

No. 129.—VOCATIONAL EDUCATION: Pupils Enrolled in Vocational Courses and Teacher-Training Courses, Year Ended June 30, 1934

Note.—Institutions Federally aided are reimbursed out of Federal funds provided under (1) the act known as the "Smith-Hughes Act", or the "National Vocational Education Act of 1917", (2) acts of 1924 and 1931 extending the benefits of vocational education to Hawaii and Puerto Rico, (3) the George-Reed Act of 1929. These acts, administered by the Office of Education, provide appropriations by Congress for reimbursement in part out of Federal funds for expenditures by States and local communities for salaries of vocational teachers and maintenance of vocational teacher training

Division and State or Territory	Vocational courses					Vocational teacher-training courses (Federally aided)			
	Federally aided				State aided only	Total	Agricultural	Trade and industrial	Home economics
	Total	Agricultural	Trade and industrial	Home economics					
United States[1]	1,051,000	286,150	406,999	297,851	68,140	15,962	2,386	7,960	5,636
New England	51,284	3,790	33,697	13,897	37	1,285	131	681	443
Maine	1,867	760	305	802	---	44	8	---	36
New Hampshire	957	319	367	271	---	40	---	21	19
Vermont	680	111	255	314	---	22	10	---	12
Massachusetts	35,579	1,347	23,067	10,565	37	844	109	475	260
Rhode Island	2,507	672	1,488	347	---	220	45	80	95
Connecticut	9,694	581	7,515	1,598	---	115	9	85	21
Middle Atlantic	210,714	16,986	108,965	24,773	23,836	2,490	344	1,674	472
New York	139,338	7,865	123,670	7,803	19,272	1,086	179	696	211
New Jersey	20,364	1,386	16,945	2,033	3,649	369	36	292	41
Pennsylvania	51,012	7,735	28,340	14,937	915	1,035	129	686	220
East North Central	187,489	43,369	91,873	52,247	8,857	2,200	222	1,525	453
Ohio	33,939	9,811	17,505	6,623	1,701	1,065	41	950	74
Indiana	20,062	5,116	9,862	5,084	1,154	440	84	173	183
Illinois	29,493	8,567	10,707	10,219	902	388	56	267	65
Michigan	39,264	13,036	18,617	7,611	---	172	34	60	78
Wisconsin	64,131	6,839	35,182	22,110	5,100	135	7	75	53
West North Central	104,767	34,586	23,279	46,952	1,504	1,633	251	606	676
Minnesota	17,139	6,290	6,817	4,032	---	285	56	168	61
Iowa	18,498	11,312	4,399	2,787	258	378	16	227	133
Missouri	18,796	8,003	6,084	4,709	---	210	44	130	36
North Dakota	2,999	1,245	537	1,217	---	98	41	---	57
South Dakota	4,150	1,516	203	2,431	---	112	8	---	104
Nebraska	17,078	3,028	2,772	11,278	108	269	39	79	151
Kansas	26,107	3,142	2,467	20,498	1,138	181	47	---	134
South Atlantic	142,750	63,880	45,897	32,973	11,395	1,791	277	724	790
Delaware	2,120	347	1,372	401	---	48	10	20	18
Maryland	6,789	1,324	3,654	1,811	---	222	---	222	---
Virginia	20,677	11,552	6,413	2,712	2,658	620	48	254	318
West Virginia	5,774	1,603	2,318	1,853	---	---	---	---	---
North Carolina	29,886	15,033	6,303	7,550	---	148	46	20	82
South Carolina	30,442	15,825	8,985	5,632	2,133	229	64	37	129
Georgia	32,966	13,615	11,557	7,794	6,604	241	94	85	82
Florida	14,096	3,681	5,205	5,210	---	283	15	106	162
East South Central	78,629	44,171	14,262	20,196	11,868	1,411	274	671	466
Kentucky	10,566	5,132	3,039	2,395	---	248	92	74	82
Tennessee	27,741	14,107	5,041	8,593	111	238	48	65	124
Alabama	16,181	6,771	4,353	5,057	4,628	615	68	395	152
Mississippi	24,141	18,161	1,829	4,151	6,129	310	66	137	107
West South Central	137,756	53,038	26,540	58,183	9,774	1,693	211	900	582
Arkansas	15,876	10,788	1,289	3,799	---	53	18	---	35
Louisiana	16,686	7,370	3,353	5,963	---	201	78	42	171
Oklahoma	31,135	9,895	7,363	13,877	---	425	115	103	207
Texas	74,059	24,980	14,535	34,544	9,774	924	---	755	169
Mountain	36,034	9,789	11,197	15,048	1,851	2,287	460	677	1,150
Montana	3,219	1,603	570	1,046	---	113	5	---	108
Idaho	2,923	1,348	694	881	---	143	48	33	62
Wyoming	2,190	911	574	705	---	101	40	29	32
Colorado	13,975	1,982	5,983	6,010	---	1,197	185	517	495
New Mexico	2,137	680	274	1,183	---	41	13	7	21
Arizona	3,708	772	791	2,145	---	18	7	---	11
Utah	6,344	2,284	1,250	2,810	1,851	635	153	78	404
Nevada	1,538	209	1,061	268	---	39	9	13	17
Pacific	87,887	12,455	48,358	26,574	16	917	47	433	437
Washington	7,037	2,906	2,289	1,842	18	31	10	---	21
Oregon	6,556	1,973	1,686	2,897	---	355	10	203	142
California	74,294	7,576	44,383	21,835	---	531	27	230	274
Hawaii	5,568	1,042	1,158	3,368	---	175	65	37	73
Puerto Rico	8,122	3,099	1,383	3,640	---	200	54	52	94

[1] Includes Hawaii and Puerto Rico.

Source: Office o fEducation, Department of the Interior.

No. 130.—VOCATIONAL EDUCATION: EXPENDITURES UNDER THE VOCATIONAL EDUCATION ACTS, FOR YEARS ENDED JUNE 30

EXPENDITURES FOR ALL SCHOOLS, EXCEPT TEACHER TRAINING

Classification of expenditure	1929	1930	1931	1932	1933	1934
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	6,888,500	27,405,498	29,542,445	30,767,572	27,760,956	26,018,532
From Federal money	1,745,298	6,361,381	6,916,978	7,365,811	6,779,194	6,063,770
From State money	2,008,306	7,165,810	7,684,080	7,896,883	7,194,531	6,181,724
From local money	3,134,896	13,877,307	14,941,387	15,504,878	13,787,231	13,773,038
Agricultural schools	2,437,285	8,743,382	9,982,629	10,212,810	9,408,535	8,333,670
From Federal money	889,886	3,173,624	3,461,543	3,688,513	3,364,441	3,006,950
From State money	678,824	1,787,246	2,088,543	2,123,443	1,979,730	1,620,192
From local money	868,575	3,782,512	4,432,543	4,400,854	4,124,355	3,697,528
Trade or industrial schools	2,498,919	8,814,566	9,502,234	10,058,107	9,584,005	10,497,860
From Federal money	509,385	1,718,733	1,833,417	1,870,905	1,735,810	1,606,096
From State money	786,568	2,538,657	2,681,104	2,914,280	2,827,827	2,966,585
From local money	1,112,966	4,557,176	4,987,713	5,272,922	5,020,368	5,925,179
Home economics schools	1,054,489	4,382,037	4,751,274	5,126,039	4,677,658	4,331,978
From Federal money	155,768	678,226	876,891	1,130,398	1,116,077	958,570
From State money	329,634	1,286,530	1,365,281	1,402,963	1,258,538	929,526
From local money	569,087	2,417,281	2,509,102	2,595,688	2,303,043	2,443,873
Part-time general continuation schools	987,807	5,465,513	5,306,308	5,367,616	4,030,758	2,855,024
From Federal money	190,259	790,798	745,127	675,995	562,866	492,145
From State money	213,280	1,554,377	1,549,152	1,456,207	1,128,427	656,421
From local money	584,268	3,120,338	3,012,029	3,235,414	2,339,465	1,706,458

EXPENDITURES FOR TEACHER-TRAINING INSTITUTIONS

Total	1,648,683	2,453,400	2,600,746	2,530,873	2,261,982	2,071,475
From Federal money	731,204	1,042,844	1,061,751	1,049,022	949,051	887,175
From State money	661,979	1,066,338	1,174,893	1,135,335	1,006,034	907,059
From local money	253,480	344,219	364,102	346,515	306,897	277,241
Training teachers of agriculture	559,580	826,444	851,554	801,712	715,395	604,775
From Federal money	250,835	352,636	350,543	333,562	295,635	283,466
From State money	232,013	364,893	384,765	365,796	320,745	292,750
From local money	73,732	108,915	116,246	102,354	99,015	88,559
Training teachers of trade or industrial subjects	490,655	770,802	848,913	855,350	742,711	674,046
From Federal money	226,765	342,345	358,036	364,573	328,487	300,053
From State money	210,199	348,343	396,894	396,369	344,426	299,155
From local money	53,691	80,114	93,983	94,417	71,798	74,238
Training teachers of home economics	599,428	856,155	900,278	873,801	803,876	732,654
From Federal money	253,604	347,863	353,172	350,887	326,929	303,056
From State money	219,767	353,102	393,234	373,170	340,863	315,154
From local money	126,057	155,190	153,872	149,744	136,084	114,444

TOTAL EXPENDITURES FROM FEDERAL MONEY, BY STATES

State	1929	1930	1934	State	1929	1930	1934
	Dollars	*Dollars*	*Dollars*		*Dollars*	*Dollars*	*Dollars*
Total	2,476,503	7,404,223	6,950,945	Nevada	13,849	24,993	20,455
				New Hampshire	10,913	28,107	30,295
Alabama	54,672	170,491	135,334	New Jersey	63,564	206,848	187,286
Arizona	18,146	34,310	33,759	New Mexico	19,144	35,339	35,926
Arkansas	43,615	133,793	135,606	New York	191,061	680,031	591,363
California	70,477	236,129	288,640	North Carolina	45,185	192,201	207,243
Colorado	23,001	68,038	63,078	North Dakota	20,211	57,605	43,700
Connecticut	39,028	78,486	70,820	Ohio	131,378	399,615	353,364
Delaware	17,612	27,377	27,257	Oklahoma	39,361	150,829	149,682
Florida	24,187	67,611	82,812	Oregon	24,671	58,381	57,735
Georgia	69,412	216,311	189,368	Pennsylvania	196,604	567,658	487,986
Idaho	20,181	38,975	35,194	Rhode Island	20,723	50,210	40,054
Illinois	159,998	424,459	357,664	South Carolina	44,252	126,656	124,103
Indiana	74,206	208,760	187,949	South Dakota	10,872	44,212	39,499
Iowa	54,940	173,997	131,370	Tennessee	45,477	175,453	175,606
Kansas	35,506	108,912	102,068	Texas	90,740	339,279	374,858
Kentucky	51,413	165,889	160,509	Utah	19,962	37,718	34,452
Louisiana	43,390	128,456	131,204	Vermont	17,602	35,827	28,636
Maine	19,672	44,470	45,073	Virginia	62,751	171,237	160,098
Maryland	25,664	85,394	82,512	Washington	34,947	95,874	85,102
Massachusetts	100,881	241,466	189,023	West Virginia	28,509	91,180	78,723
Michigan	82,749	254,335	258,073	Wisconsin	60,960	188,283	174,066
Minnesota	65,322	173,166	157,695	Wyoming	13,383	28,487	28,264
Mississippi	49,393	138,074	151,773				
Missouri	74,626	240,648	203,083	Hawaii		30,689	31,453
Montana	18,990	39,999	41,364	Puerto Rico			64,137
Nebraska	33,292	88,866	85,581				

Source: Office of Education, Department of the Interior.

No. 131.—VOCATIONAL REHABILITATION OF PERSONS DISABLED IN INDUSTRY OR OTHERWISE: YEARS ENDED JUNE 30

NOTE.—By the civilian vocational rehabilitation act of June 2, 1920, Congress set up a program of cooperation with the States for the vocational rehabilitation of persons disabled in industry or otherwise. By the end of the fiscal year 1933 all but 3 States had accepted the provisions and begun cooperation with the Federal Government. The figures shown relate only to cases aided by Federal funds. The total expenditure in 1934 (fiscal year) comprised: Federal funds, $915,659, State and private funds, $1,164,246

State	Number rehabilitated						Live cases on roll June 30					
	1928	1930	1931	1932	1933	1934	1928	1930	1931	1932	1933	1934[1 3]
Total	5,012	4,612	5,130	5,550	5,613	8,062	16,393	[2] 20,394	23,710	27,403	30,619	37,681
Alabama	129	170	223	212	163	170	1,124	1,082	1,259	1,321	1,130	1,207
Arizona	41	30	14	23	26	34	40	55	86	106	186	234
Arkansas	26	45	47	58	43	53	320	451	508	611	664	678
California	207	257	255	241	342	463	738	606	733	1,125	1,452	1,892
Colorado	7	9	21	23	27	54	44	86	125	161	246	356
Connecticut	----	----	10	23	14	34	----	----	128	148	160	471
District of Columbia	----	----	----	----	58	94	----	----	----	----	333	404
Florida	----	22	30	32	28	50	204	351	442	470	460	490
Georgia	86	114	126	167	132	200	403	454	572	605	674	727
Idaho	26	15	21	25	28	37	66	102	114	125	138	178
Illinois	469	283	520	723	658	653	600	[2] 810	783	775	657	917
Indiana	99	140	133	80	89	120	511	628	667	801	702	1,226
Iowa	61	71	67	67	52	69	293	200	239	273	292	333
Kentucky	60	146	109	193	227	254	422	603	727	734	871	830
Louisiana	71	35	65	71	57	71	191	271	318	782	472	567
Maine	11	23	21	22	14	31	156	139	133	146	175	238
Maryland	----	5	18	41	43	73	----	74	178	204	185	188
Massachusetts	129	132	134	109	91	149	287	361	466	575	495	583
Michigan	305	283	308	401	458	1,000	801	876	1,246	1,711	2,068	2,738
Minnesota	157	149	186	214	217	302	334	400	472	551	637	675
Mississippi	142	139	113	140	112	135	679	809	995	937	1,182	1,208
Missouri	----	----	8	29	57	89	(4)	(4)	24	55	93	91
Montana	15	18	18	16	26	31	74	97	105	141	144	175
Nebraska	46	53	50	45	40	40	139	144	147	153	175	202
Nevada	7	10	11	7	15	20	22	12	23	65	53	75
New Hampshire	----	----	----	9	13	32	----	----	91	225	379	618
New Jersey	594	243	267	303	273	415	717	1,087	1,121	1,248	1,375	1,888
New Mexico	10	14	18	28	35	26	62	73	86	63	56	93
New York	509	540	550	505	538	744	1,498	1,821	2,652	2,581	2,775	2,764
North Carolina	102	72	97	124	125	201	721	722	808	755	960	1,058
North Dakota	25	34	31	31	37	40	97	151	110	112	129	83
Ohio	555	471	404	430	377	468	652	971	1,091	1,045	974	903
Oklahoma	59	110	181	187	87	166	1,184	1,547	1,329	1,415	1,646	1,884
Oregon	41	18	34	36	22	21	76	54	46	61	34	216
Pennsylvania	435	398	346	232	208	421	1,302	1,719	1,458	1,760	2,272	3,439
Rhode Island	8	9	12	9	10	18	31	53	61	76	86	110
South Carolina	1	11	24	33	54	60	69	374	264	343	533	635
South Dakota	14	12	15	20	25	18	114	69	77	94	134	128
Tennessee	166	124	147	86	173	224	729	677	1,344	1,046	1,140	1,561
Texas	----	12	54	132	152	288	----	144	431	995	911	1,909
Utah	34	33	42	40	40	45	73	102	137	118	165	235
Virginia	76	38	53	77	103	203	314	800	595	993	1,088	1,281
Washington	----	----	----	----	----	----	----	----	----	----	----	233
West Virginia	114	103	76	66	71	91	249	289	230	210	236	406
Wisconsin	174	193	161	180	185	260	899	1,006	1,260	1,493	1,839	2,185
Wyoming	2	28	50	60	68	86	158	139	125	195	243	269

[1] Figures are subject to slight corrections.
[2] Includes 96 applications pending.
[3] The status of these cases on June 30, 1934, was as follows: Surveyed, under advisement, 18,228; in training, 9,878; in other preparation status, 2,014; training interrupted, 1,410; awaiting employment after training, 3,663; awaiting employment after other preparation service, 1,066; in employment, being followed up, 1,422.
[4] Live roll not reported. Closed, lack of State appropriation, 1925 to 1930.

Source: Office of Education, Department of the Interior.

6. PUBLIC LANDS

GENERAL NOTE.—An original entry is a first claim to receive a given tract of public land. Perfected entry of the claim is made after required lapse of time and compliance with other conditions

No. 132.—ENTRIES AND PATENTS OF PUBLIC AND INDIAN LAND: ACREAGE, YEARS ENDED JUNE 30

Class	1933			1934		
	Original entries	Perfected entries	Patented	Original entries	Perfected entries	Patented
Total	3,117,781	980,156	[1] 1,956,703	3,584,883	1,225,032	[1] 1,395,452
Homesteads	2,714,029	938,359	1,143,211	2,862,142	1,164,871	916,574
Stock raising	2,358,231	732,640	885,453	2,567,888	937,402	726,859
Enlarged	123,600	100,443	123,245	77,358	100,827	82,580
Reclamation	7,135	11,914	18,622	9,690	18,689	23,224
Forest	5,746	6,254	7,719	2,931	5,538	7,264
Commuted		1,751	3,352		5,674	1,668
Sec. 2289 [2], et al	219,317	85,387	104,820	204,275	96,741	74,970
Deserts	10,111	12,443	13,204	6,456	6,609	7,567
Public auction		11,589	12,321		7,863	9,970
Timber and stone		2,093	2,698		1,573	1,430
State selection	369,973			662,689		
Mineral		8,647	18,596		7,005	22,021
Railroad	11,590			43,145		64,567
Miscellaneous	12,078	6,995	[1] 765,673	10,450	37,021	[1] 373,323

[1] Includes 291,844 acres in 1933 and 106,920 acres in 1934 certified to States.
[2] Original act.

No. 133.—ENTRIES OF PUBLIC AND INDIAN LAND: ACREAGE UNDER ALL ACTS, YEARS ENDED JUNE 30

Item and State	Original entries						Perfected entries, 1934	Patented, 1934
	1921–1925, total	1926–1930, total	1931	1932	1933	1934		
Total	40,619,290	20,611,977	5,219,627	4,551,774	3,117,781	3,584,883	1,225,032	[1] 1,395,452
Public land	39,508,619	19,915,866	5,051,294	4,415,663	3,045,649	3,500,925	1,183,063	
Indian land	1,110,670	696,111	167,333	136,111	72,132	74,958	41,969	
All homesteads	36,188,601	19,072,070	4,924,046	4,049,854	2,714,029	2,862,142	1,164,871	916,574
Stock-raising homesteads	26,752,562	15,357,627	4,201,766	3,543,582	2,358,231	2,567,888	937,402	726,850
Other entries	4,430,689	1,530,907	294,581	501,920	403,752	722,741	60,161	[1] 478,878
Alabama	34,320	[2] 9,770	[3]					1,454
Alaska	51,332	34,552	6,730	10,989	9,416	5,915	5,403	4,758
Arizona	3,466,675	1,907,087	547,561	679,632	481,971	759,433	130,522	186,026
Arkansas	215,396	125,143	17,617	15,241	10,530	[3]		7,243
California	2,621,522	1,796,051	290,671	265,423	197,859	135,520	104,562	108,989
Colorado	5,084,809	2,071,887	463,538	373,900	254,511	255,853	61,892	63,263
Florida	171,867	88,010	4,486	2,463	2,616	[3]		2,448
Idaho	2,082,582	971,117	219,325	163,629	117,109	148,873	40,063	28,291
Kansas	46,015	[3]						280
Louisiana	21,702	[2] 5,732	[3]					15,649
Michigan	21,804	[3]						353
Minnesota	192,433	55,817	6,025	4,701	4,604	[3]		1,387
Mississippi	22,758	[3]						2,162
Missouri	160	[3]						3,160
Montana	4,903,929	2,071,313	417,940	359,661	244,117	277,540	154,500	148,154
Nebraska	128,302	63,267	8,706	4,984	3,818	[3]		10,887
Nevada	465,749	356,179	32,044	28,580	28,020	13,627	9,211	14,035
New Mexico	7,140,706	4,109,018	1,505,698	1,248,097	793,883	813,004	217,178	388,467
North Dakota	136,312	64,761	19,714	20,888	11,187	18,234	4,914	3,037
Oklahoma	87,242	[2] 25,871	[3]					1,841
Oregon	2,140,987	808,332	241,360	117,025	96,751	120,158	45,060	59,426
South Dakota	1,389,637	327,119	59,058	59,878	35,938	54,988	19,478	14,624
Utah	1,633,787	1,388,576	229,918	174,133	105,387	135,335	59,709	64,264
Washington	842,992	173,686	24,978	16,517	17,934	14,287	4,848	5,871
Wisconsin	10,712	[3]						1,125
Wyoming	7,704,901	4,121,206	1,103,566	994,781	680,910	797,218	343,721	258,011
General Land Office	660	37,483	10,102	11,252	20,830	34,898	23,971	247

[1] Includes 106,920 acres certified to States.
[2] 1926 and 1927 only.
[3] Office closed; entries, if any, subsequent to date of closing are made at the General Land Office.

Source of tables 132 and 133: General Land Office, Department of the Interior.

No. 134.—HOMESTEADS: Acreage of Entries of Public Land, Years Ended June 30

Item and State	All homesteads							Stock raising only, 1934
	1916–1920, total	1921–1925, total	1926–1930, total	1931	1932	1933	1934	
Original entries, total	56, 783, 329	35, 079, 617	18, 380, 143	4, 757, 384	3, 914, 242	2, 641, 981	2, 787, 213	2, 502, 926
Alabama	79, 409	34, 139	[1] 9, 770	(2)				
Alaska	115, 138	51, 012	33, 549	6, 570	10, 989	8, 277	5, 755	
Arizona	1, 153, 864	1, 452, 551	[31], 727, 167	442, 799	301, 628	185, 390	145, 471	122, 646
Arkansas	612, 668	215, 172	125, 002	17, 468	15, 174	10, 656	(3)	
California	2, 477, 967	2, 201, 327	1, 608, 383	278, 748	256, 451	187, 034	132, 808	83, 819
Colorado	9, 166, 561	4, 368, 182	1, 528, 449	319, 938	254, 295	192, 467	188, 657	165, 928
Florida	187, 187	168, 086	86, 305	4, 475	2, 463	2, 616	(3)	
Idaho	3, 285, 340	1, 842, 656	927, 604	213, 899	162, 663	115, 855	148, 028	137, 314
Kansas	436, 088	46, 016	(2)					
Louisiana	65, 117	14, 746	[1] 5, 732	(2)				
Michigan	41, 020	21, 804	(2)					
Minnesota	96, 656	47, 147	43, 410	1, 912	1, 586	1, 449	(3)	
Mississippi	63, 203	22, 758	(2)					
Missouri	4, 189	160	(2)					
Montana	12, 323, 575	[34], 528, 483	[3] 1, 866, 547	[3] 415, 420	[3] 350, 895	[3] 232, 957	[3] 275, 095	258, 647
Nebraska	494, 005	122, 985	53, 187	8, 706	4, 944	3, 318	(3)	
Nevada	340, 860	281, 532	214, 769	29, 314	25, 539	27, 445	13, 320	8, 165
New Mexico	7, 500, 836	6, 765, 794	3, 623, 688	1, 432, 610	[3] 1, 152, 887	721, 579	767, 435	716, 009
North Dakota	790, 023	128, 417	57, 256	17, 769	19, 928	10, 987	18, 199	11, 679
Oklahoma	183, 756	80, 546	[1] 26, 871	(2)				
Oregon	2, 599, 364	2, 118, 054	727, 910	177, 461	115, 292	95, 910	118, 853	86, 230
South Dakota	2, 861, 849	1, 177, 594	276, 295	42, 613	51, 559	32, 370	52, 703	50, 773
Utah	1, 305, 605	1, 456, 411	[3] 1, 260, 956	220, 404	173, 152	102, 247	83, 774	75, 987
Washington	603, 091	288, 671	70, 088	18, 920	13, 303	13, 121	12, 447	3, 979
Wisconsin	19, 485	10, 071	(2)					
Wyoming	9, 976, 381	7, 634, 649	4, 064, 145	1, 098, 655	989, 835	677, 253	790, 212	778, 438
General Land Office		660	34, 063	9, 705	11, 158	20, 550	34, 297	3, 312
Original entries, stock-raising homesteads (incl. above)	[4]13, 721, 422	26, 260, 485	14, 828, 604	4, 054, 431	3, 420, 644	2, 297, 931	2, 502, 926	

PERFECTED HOMESTEAD ENTRIES, ENTIRE UNITED STATES[6]

Period or year [6]	All homesteads	Year	All homesteads	Year	All homesteads	Year	All homesteads	Stock raising
1868–1870	1, 379, 116	1892	3, 259, 897	1907	3, 740, 568	1922	7, 307, 034	2, 399, 384
1871–1875	6, 215, 783	1893	3, 477, 232	1908	4, 242, 711	1923	5, 594, 259	2, 627, 065
1876–1880	11, 670, 439	1894	2, 929, 947	1909	3, 699, 467	1924	4, 791, 436	2, 822, 211
1881–1885	12, 630, 328	1895	2, 980, 809	1910	3, 795, 863	1925	4, 048, 911	2, 753, 924
1886–1890	16, 330, 272	1896	2, 790, 243	1911	4, 620, 197	1926	3, 451, 106	2, 497, 007
1891–1895	16, 602, 473	1897	2, 778, 404	1912	4, 306, 069	1927	2, 583, 627	1, 932, 096
1896–1900	15, 275, 648	1898	3, 095, 018	1913	10, 009, 285	1928	1, 815, 549	1, 384, 902
1901–1905	19, 812, 937	1899	3, 134, 140	1914	9, 291, 121	1929	1, 700, 950	1, 270, 617
1906–1910	19, 005, 358	1900	3, 477, 843	1915	7, 180, 982	1930	1, 371, 078	1, 059, 224
1911–1915	35, 407, 654	1901	5, 241, 121	1916	7, 278, 281	1931	1, 352, 861	1, 026, 011
1916–1920	38, 909, 565	1902	4, 342, 748	1917	8, 497, 390	1932	1, 209, 894	963, 115
1921–1925	29, 468, 380	1903	3, 576, 964	1918	8, 236, 438	1933	906, 578	715, 017
1926–1930	10, 922, 305	1904	3, 232, 717	1919	6, 524, 760	1934	1, 123, 678	916, 945
1890	4, 000, 593	1905	3, 419, 387	1920	8, 372, 696			
1891	3, 954, 588	1906	3, 526, 749	1921	7, 726, 740	Total, 1868–1934	238, 223, 259	24, 835, 227

[1] 1926 and 1927 only.
[2] See note 3, table 133.
[3] Includes entries of abandoned *military reservations*.
[4] 1918–20 only.
[5] Commuted homesteads are not included.
[6] For periods figures are totals, not averages.

No. 135.—STOCK-RAISING HOMESTEADS: Original Entries of Public and Indian Land from Passage of Act to June 30, 1934

State	Entries	Acres	State	Entries	Acres
Total	162, 370	68, 805, 779	Nebraska	585	108, 313
			Nevada	926	492, 177
Arizona	6, 073	2, 911, 118	New Mexico	33, 406	15, 244, 433
Arkansas	4	1, 600	North Dakota	912	278, 423
California	8, 338	3, 371, 252	Oklahoma	366	71, 349
Colorado	20, 608	8, 248, 267	Oregon	8, 146	3, 313, 482
Idaho	7, 614	3, 469, 536	South Dakota	7, 831	2, 682, 884
Kansas	233	58, 506	Utah	5, 026	2, 738, 509
Michigan	5	1, 821	Washington	1, 586	508, 549
Minnesota	1	75	Wyoming	39, 631	17, 729, 247
Montana	20, 933	7, 555, 096	General Land Office	146	21, 232

Source of tables 134 and 135: General Land Office, Department of the Interior.

No. 136.—TIMBER AND STONE, COAL, MINERAL, AND DESERT LAND ENTRIES OF PUBLIC LAND

State	From passage of act to June 30, 1934				Year ended June 30, 1934 [1]			
	Timber and stone	Coal	Desert land		Timber and stone	Mineral	Desert land	
			Original	Perfected			Original	Perfected
Acreage of entries	13,851,954	604,443	32,820,376	8,658,444	1,573	7,004	6,433	3,882
Alabama	43,735	239						
Alaska						2,357		
Arizona	2,943	6,693	2,589,779	368,560		479	720	960
Arkansas	365,573							
California	2,899,014	5,535	5,196,762	891,314	233	1,692	1,542	193
Colorado	401,807	[2] 216,609	3,227,741	713,819		309	80	345
Dakota Territory		584	20,021	300				
Florida	109,194							
Idaho	1,017,019	3,277	3,118,589	1,037,691	68	947	165	234
Iowa	119							
Louisiana	150,277							
Michigan	149,667							
Minnesota	1,409,175							
Mississippi	19,818							
Montana	604,125	64,758	5,982,705	2,769,273		103	36	606
Nebraska	97							
Nevada	6,542	1,661	654,609	165,331		306	138	284
New Mexico	153	26,613	2,159,808	232,855		44	78	
North Dakota	8,646	9,624	85,278	20,094				
Oklahoma	40							
Oregon	3,817,737	10,572	1,116,807	299,088	40		1,100	165
South Dakota	63,910	3,624	609,291	101,921				
Utah	3,196	75,828	1,513,198	464,573		917	748	440
Washington	2,173,771	64,894	908,540	71,036	85	20	40	11
Wisconsin	80,362							
Wyoming	457,582	113,924	5,547,188	1,522,589	836	440	1,786	644
General Land Office	7,452	8			311			
Number of entries	107,970	4,417	159,857	47,115	24	81	65	43
Money payment, dollars	35,594,922	11,922,602	7,898,631	8,766,561	4,876	27,265	1,611	3,875

[1] No entries for coal land in 1934. [2] Includes 58,496 acres within the Ute Reservation.

No. 137.—ACREAGE OF PUBLIC LAND CERTIFIED OR PATENTED ON ACCOUNT OF RAILWAY AND WAGON-ROAD GRANTS: YEARS ENDED JUNE 30

	1911–1915, total	1916–1920, total	1921–1925, total	1926–1930, total	1931	1932	1933	1934
Railway grants, total	4,711,489	5,878,674	6,186,079	[1] 1,124,880	[2] 49,579	69,345	77,273	63,671
Alabama	40	120		[1] 399,469	[2] 1,118			
Arizona	337,533	1,163,775	3,451,578	188,829	14,184	5,795	44,400	39,799
Arkansas	80		227	221	67			
California	649,809	319,262	1,032,815	208,601	10,700	23,498	17,235	16,060
Colorado	240	160	14,482	160		7		
Florida	19,975		639	1,005	80			
Idaho	203,971	102,108	170,611		1,127	345	843	
Iowa	11	80		73				
Kansas			40	19				
Louisiana	9,441	484		1,044				
Michigan	55			510			316	
Minnesota	24,823	5,744	328	5,220		116	96	56
Missouri		340	600					
Montana	2,862,095	1,704,549	251,343	2,716	5,405	14,507	1,141	50
Nebraska			200	436		42		
Nevada	76,394	515,222	712,564	163,700	8,880	4,207	11,368	7,230
New Mexico	70,505	1,525,406	344,121	146,482	40	11,741	1,546	
North Dakota	53,507	628	70					
Oregon	117,678	39,372	23,986	120	3,750		40	
Utah	14,617	112,351	160	1,280	2,543			476
Washington	257,955	381,113	166,283	2,979	1,144	1,807	208	
Wisconsin	2,041	720	1,405	1,603	19			
Wyoming	10,629	7,344	14,624	320	521	282	80	
Wagon-road grants	253,234	19,637	34,366	2,788	62,590			

[1] Includes 398,900 acres for Muscle Shoals (river improvement).
[2] Acreage shown for Alabama is for Muscle Shoals River improvement.

Source of tables 136 and 137: General Land Office, Department of the Interior.

No. 138.—ACREAGE OF LAND CERTIFIED OR PATENTED UNDER RAILWAY OR WAGON-ROAD GRANTS FROM 1850 TO JUNE 30, 1934

State grants, total	38,208,487
Illinois: Illinois Central	2,595,133
Mississippi, total	1,075,345
Mobile & Ohio	737,130
Vicksburg & Meridian	199,102
Gulf & Ship Island	139,113
Alabama, total	3,147,148
Mobile & Ohio	[1] 419,528
Alabama & Florida	309,023
Selma, Rome & Dalton	458,671
Coosa & Tennessee	67,956
Mobile & Girard	302,181
Alabama & Chattanooga	654,212
South & North Alabama	445,558
Muscle Shoals (river improvement)	400,018
Florida, total	2,218,705
Florida Central & Peninsular	743,393
Florida & Alabama	166,691
Pensacola & Georgia	1,279,237
Florida, Atlantic & Gulf Central	29,384
Louisiana: Vicksburg, Shreveport & Pacific	373,057
Arkansas, total	2,562,910
St. Louis, Iron Mountain & Southern	1,325,711
Little Rock & Fort Smith	1,052,083
Memphis & Little Rock	184,817
Missouri, total	1,837,968
Southwest branch of the Pacific road	1,161,285
Hannibal & St. Joseph	611,323
St. Louis, Iron Mountain & Southern	65,360
Iowa, total	4,929,923
Burlington & Missouri River	389,990
Chicago, Rock Island & Pacific	[2] 483,214
Cedar Rapids & Missouri River	161,533 [2] 922,898 244,023
Dubuque & Sioux City	[2] 556,407
Iowa Falls & Sioux City	683,057
Des Moines Valley (river-improvement grant)	840,171
Chicago, Milwaukee & St. Paul, formerly McGregor & Missouri River	326,216
Sioux City & St. Paul	322,413
Michigan, total	3,134,058
Port Huron & Lake Michigan	37,467
Jackson, Lansing & Saginaw	744,256
Grand Rapids & Indiana	852,521
Flint & Pere Marquette	513,169
Marquette, Houghton & Ontonagon	305,930
Ontonagon & Brule River	34,227
Bay de Noquet & Marquette	123,301
Chicago & North Western	518,186
Wisconsin, total	3,652,242
Chicago, St. Paul, Minneapolis & Omaha (formerly West Wisconsin)	814,831
Wisconsin Railroad Farm Mortgage Land Co	163,160
Chicago, St. Paul, Minneapolis & Omaha (formerly St. Croix & Lake Superior)	816,488
Branch to Bayfield	471,721
Chicago & North Western	546,767
Wisconsin Central	839,276
Minnesota, total	8,046,061
St. Paul, Minneapolis & Manitoba (formerly first division, St. Paul & Pacific)	
Western R. R. (succeeded by St. Paul & Northern Pacific R. R. Co.)	[3] 3,272,817
St. Paul, Minneapolis & Manitoba (formerly St. Vincent extension of the St. Paul & Pacific)	
Minnesota Central	179,734
Winona & St. Peter	1,681,026
St. Paul & Sioux City	1,126,619
St. Paul & Duluth	861,133
Southern Minnesota, from a point on the Mississippi River to Houston	546,745
Southern Minnesota Extension (now Chicago, Milwaukee & St. Paul)	
Hastings & Dakota	377,987
Minnesota, North Dakota, Montana, and Washington: St. Paul, Minneapolis & Manitoba, now Great Northern (main and branch), a special act (Aug. 5, 1892, 27 Stat. L. 390) to provide for indemnity for lands relinquished by the company	[4]
Kansas, total	4,634,237
Leavenworth, Lawrence & Galveston	[5] 249,446
Missouri, Kansas & Texas	[5] 976,593
Atchison, Topeka & Sante Fe	2,944,788
St. Joseph & Denver City	463,409
Corporation grants, total	94,219,067
Central Pacific	7,486,439
Central Pacific (Western Pacific)	462,130
Central Pacific (California & Oregon)	3,236,742
Union Pacific	11,935,603
Union Pacific (Central branch)	223,142
Union Pacific (Kansas division)	6,176,384
Union Pacific (Denver Pacific)	821,331
Santa Fe Pacific (Atlanta & Pacific)	11,586,050
Burlington & Missouri River in Nebraska	2,374,091
Sioux City & Pacific (Missouri Valley Land Co.)	42,611
Northern Pacific	39,064,567
Oregon Central	128,618
Oregon & California	2,777,632
New Orleans Pacific	1,001,943
Southern Pacific (main line)	4,656,398
Southern Pacific (branch line)	2,245,406
Wagon roads, total	3,359,188
From Lake Erie to Connecticut Western Reserve	80,774
From Lake Michigan to Ohio River	170,580
From Fort Wilkens, Copper Harbor, Mich., to Green Bay, Wis	302,931
From Fort Wilkens, Copper Harbor, Mich., to Wisconsin State line	221,013
Oregon Central Military Co. (now California & Oregon Land Co.)	940,514
Corvallis and Yaquina Bay	83,717
Willamette Valley and Cascade Mountain	861,512
Dalles Military Road	592,907
Coos Bay Military Road	105,240

[1] In the adjustment of this grant the road was treated as an entirety and without reference to the State line. Hence Alabama has had approved to her more and Mississippi less than they would appear to be entitled to in proportion to the length of road in the respective States.

[2] Includes 35,685 acres of the Chicago, Rock Island & Pacific Ry.; 109,757 acres of the Cedar Rapids & Missouri River R. R.; and 77,535 acres of the Dubuque & Sioux City R. R., situated in the old Des Moines River grant of Aug. 8, 1846, which should be deducted.

[3] Declared to be 1 grant.

[4] See Minnesota for original grants.

[5] Leavenworth, Lawrence & Galveston includes 186,937 acres and Missouri, Kansas & Texas 270,971 acres in the Osage ceded reservation which are to be deducted under decision of the Supreme Court.

Source: General Land Office, Department of the Interior.

No. 139.—LAND GRANTS (INCLUDING SCRIP) TO STATES FOR EDUCATIONAL AND OTHER PURPOSES: ACREAGE TO JUNE 30, 1934

NOTE.—Does not include grants to States for specific railroad and wagon-road companies covered by table 131. The column "Internal improvements" covers only general items so designated

State	Total	Common schools	Universities and agricultural education	Other educational	Miscellaneous institutions	Internal improvements	Swamp	All other
Total	203, 124, 832	99, 188, 946	13, 717, 474	3, 246, 427	[1] 8, 321, 890	11, 469, 245	64, 853, 911	7, 326, 939
Alabama	2, 258, 264	911, 627	286, 080	96, 080	181	500, 000	439, 636	24, 660
Alaska	21, 445, 209	21, 009, 209	436, 000					
Arizona	10, 542, 113	8, 093, 156	398, 957	450, 000	500, 000			1, 100, 000
Arkansas	9, 372, 993	933, 778	196, 080			500, 000	7, 686, 455	56, 680
California	8, 426, 764	5, 534, 293	196, 080			500, 000	2, 189, 991	6, 400
Colorado	4, 433, 538	3, 685, 618	137, 680		32, 000	500, 000		78, 240
Connecticut	180, 000		180, 000					
Delaware	90, 000		90, 000					
Florida	21, 980, 500	975, 307	90, 000	92, 160		500, 000	20, 317, 913	5, 120
Georgia	270, 000		270, 000					
Idaho	3, 632, 157	2, 963, 698	186, 080	200, 000	[1] 250, 000			32, 379
Illinois	3, 639, 281	996, 320	480, 000	46, 080		533, 368	1, 459, 924	123, 589
Indiana	4, 306, 254	668, 578	390, 000	46, 080		1, 916, 805	1, 259, 191	25, 600
Iowa	3, 019, 690	988, 196	286, 080			500, 000	1, 196, 134	49, 280
Kansas	3, 606, 910	2, 907, 520	143, 762			500, 000		55, 628
Kentucky	352, 509		330, 000		22, 509			
Louisiana	11, 032, 946	807, 271	210, 212	46, 080		500, 000	9, 469, 384	
Maine	210, 000		210, 000					
Maryland	210, 000		210, 000					
Massachusetts	360, 000		360, 000					
Michigan	8, 787, 573	1, 021, 867	286, 080			500, 000	5, 680, 110	1, 299, 516
Minnesota	8, 373, 947	2, 874, 951	212, 160			500, 000	4, 705, 963	80, 872
Mississippi	5, 020, 774	824, 213	302, 160	46, 080		500, 000	3, 347, 068	1, 253
Missouri	5, 578, 934	1, 221, 813	330, 000	46, 080		500, 000	3, 432, 401	48, 640
Montana	5, 869, 618	5, 198, 258	186, 560	202, 000	100, 000			182, 800
Nebraska	3, 458, 711	2, 730, 951	136, 080		32, 000	500, 000		59, 680
Nevada	2, 723, 647	2, 061, 967	46, 080	90, 000	12, 800	500, 000		12, 800
New Hampshire	150, 000		150, 000					
New Jersey	210, 000		210, 000					
New Mexico	12, 732, 694	8, 711, 324	562, 703	726, 667	750, 000			1, 982, 000
New York	990, 000		990, 000					
North Carolina	270, 000		270, 000					
North Dakota	3, 163, 552	2, 495, 396	216, 080	120, 000	[1] 250, 000			82, 076
Ohio	2, 493, 006	724, 266	630, 000	69, 120		1, 019, 072	26, 332	24, 216
Oklahoma	3, 095, 760	2, 044, 000	600, 000	450, 000	1, 760			
Oregon	4, 374, 976	3, 399, 360	136, 080			500, 000	285, 654	53, 882
Pennsylvania	780, 000		780, 000					
Rhode Island	120, 000		120, 000					
South Carolina	180, 000		180, 000					
South Dakota	3, 434, 203	2, 733, 084	246, 080	120, 000	[1] 250, 640			84, 399
Tennessee	300, 000		300, 000					
Texas	180, 000		180, 000					
Utah	7, 464, 276	5, 844, 196	356, 080	200, 000	500, 000			564, 000
Vermont	150, 000		150, 000					
Virginia	300, 000		300, 000					
Washington	3, 044, 471	2, 376, 391	136, 080	200, 000	[1] 200, 000			132, 000
West Virginia	150, 000		150, 000					
Wisconsin	6, 220, 994	982, 329	332, 160			500, 000	3, 357, 755	1, 048, 749
Wyoming	4, 138, 569	3, 470, 009	136, 080		[2] 420, 000			112, 480

[1] Includes "Educational and charitable" as follows: Idaho, 150,000 acres; North Dakota, 170,000 acres; South Dakota, 170,000 acres; Washington, 200,000 acres.
[2] Includes educational, penal, etc., 290,000 acres.

Source: General Land Office, Department of the Interior.

No. 140.—RECEIPTS UNDER THE MINERAL LEASING ACT OF FEBRUARY 25, 1920: FROM THE PASSAGE OF THE ACT TO JUNE 30, 1934

State	Total	1921–1929, total	1930	1931	1932	1933	1934
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	90, 181, 751	72, 211, 785	4, 738, 268	3, 531, 655	3, 236, 978	3, 256, 440	3, 206, 625
Alabama	156, 371	100, 719	14, 500	12, 453	8, 983	9, 102	10, 615
Arizona	304			101		203	
California	24, 575, 990	17, 977, 722	1, 009, 373	870, 454	1, 402, 264	1, 643, 223	1, 672, 954
Colorado	878, 930	523, 592	97, 858	83, 581	70, 023	53, 400	50, 475
Idaho	27, 093	8, 738	2, 851	6, 093	4, 834	1, 225	3, 352
Louisiana	66, 918	35, 182	3, 886	3, 532	5, 578	4, 813	13, 927
Montana	2, 022, 676	1, 634, 944	109, 479	91, 597	69, 099	57, 716	59, 842
Nevada	9, 416	5, 850	830	80	2, 256	240	160
New Mexico	819, 517	115, 277	118, 148	163, 433	118, 108	139, 093	165, 458
North Dakota	225, 992	105, 437	23, 721	22, 628	23, 871	33, 516	16, 818
Oregon	21				21		
South Dakota	2, 592	641	130	560	362	498	401
Utah	748, 588	346, 606	81, 502	87, 813	84, 645	79, 857	68, 266
Washington	63, 399	25, 853	1, 531	4, 908	11, 924	9, 537	9, 645
Wyoming	60, 583, 944	51, 331, 222	3, 274, 459	2, 184, 423	1, 435, 110	1, 224, 017	1, 134, 712

No. 141.—ACREAGE OF PUBLIC LAND WITHDRAWN FROM SETTLEMENT AND RESTORATIONS THEREFROM

NOTE.—These figures cover withdrawals and restorations for purposes shown only. They do not include national forests (see tables in section 29, Forests and Forest Products), national parks, withdrawals under the reclamation act, or small miscellaneous reservations

	Coal land	Oil land	Phosphate land	Potash land	Power-site reserve[1]	Reservoir sites	Public water reserve
Withdrawals outstanding June 30—							
1925	31, 442, 268	5, 940, 921	2, 319, 863	130, 100	4, 243, 768	210, 422	357, 307
1926	31, 128, 509	5, 802, 617	2, 320, 023	7, 548, 537	4, 499, 621	253, 608	359, 566
1927	30, 535, 330	5, 273, 362	2, 307, 919	7, 548, 537	4, 915, 131	253, 608	362, 521
1928	29, 940, 372	5, 275, 236	2, 031, 306	7, 548, 216	4, 994, 937	254, 528	392, 876
1929	29, 883, 366	5, 183, 006	2, 005, 045	9, 411, 939	5, 079, 487	254, 050	405, 231
1930	29, 825, 446	5, 183, 006	2, 004, 765	9, 411, 936	5, 118, 942	254, 050	419, 339
1931	29, 665, 974	5, 259, 426	2, 004, 765	9, 411, 906	5, 077, 532	254, 010	427, 774
1932	29, 076, 854	5, 259, 426	2, 004, 765	9, 411, 906	4, 949, 421	254, 010	437, 229
1933	28, 213, 458	[2] 5, 155, 015	[2] 1, 889, 472	9, 411, 906	4, 910, 683	254, 010	471, 401
1934	27, 277, 025	5, 155, 015	1, 889, 456	9, 411, 906	5, 147, 654	254, 010	480, 708
Alabama					1, 789		
Alaska					214, 454		17
Arizona	139, 415				1, 165, 943		22, 985
Arkansas					24, 833		
California	17, 603	1, 178, 392		99, 324	638, 762	45, 226	209, 723
Colorado	4, 142, 233	215, 370			423, 364		10, 618
Florida			66, 796				
Idaho	11, 520		276, 289		503, 686		18, 342
Louisiana		466, 990					
Michigan					1, 240		
Minnesota					12, 309		
Montana	6, 442, 830	1, 336, 697	279, 944		265, 515	9, 080	10, 256
Nebraska					761		
Nevada	83, 073			39, 422	63, 271		17, 406
New Mexico	4, 124, 578			9, 282, 160	245, 241		9, 926
North Dakota	5, 954, 304	84, 894					
Oregon	4, 361				656, 907	18, 603	35, 882
South Dakota							240
Utah	3, 404, 043	1, 330, 895	277, 344		584, 449	26, 040	45, 256
Washington	691, 801				253, 084	36, 327	960
Wyoming	2, 260, 604	541, 777	989, 133		92, 046	118, 734	99, 097
New withdrawals during year ended June 30—							
1931	17, 280	91, 520			20, 042		10, 480
1932	10, 880				36, 687		9, 855
1933					3, 560		37, 784
1934					257, 954		11, 027
Restorations of land previously withdrawn, year ended June 30—							
1931	176, 752	15, 190		33	61, 452	40	2, 045
1932					164, 798		400
1933	1, 421, 250				42, 208		3, 612
1934	936, 433		16		26, 983		1, 720

[1] Includes withdrawals under act of June 25, 1910, power-site designations under acts of June 20, 1910, and June 9, 1916, and power-site classifications under act of Mar. 3, 1879.
[2] Adjusted.

Source of tables 140 and 141: General Land Office, Department of the Interior.

No. 142.—PUBLIC LAND: ACRES UNAPPROPRIATED AND UNRESERVED, JUNE 30

State	1890	1900	1910	1920	1930	1933	1934
Total	[1] 586,216,861	[1] 557,843,120	348,971,674	200,320,123	178,979,446	172,084,580	165,695,479
Alabama	1,105,060	359,260	108,210	37,200	(2)		
Arizona	49,699,052	50,286,986	41,491,369	18,268,909	15,180,880	13,203,600	13,078,560
Arkansas	4,902,329	3,493,444	512,705	276,595	190,969	(2)	
California	53,922,718	42,467,512	24,864,884	19,585,801	16,623,488	16,576,463	15,795,069
Colorado	39,994,446	39,650,247	21,726,192	8,941,185	8,027,468	7,545,773	7,552,197
Florida	5,624,426	1,596,411	453,009	120,077	18,897	(2)	
Idaho	46,957,290	43,286,694	24,743,804	8,805,112	10,617,970	10,510,421	10,069,092
Iowa	5,000	(2)					
Kansas	755,791	1,196,900	137,180	4,346	(2)		
Louisiana	1,358,853	442,224	88,911	14,240	(2)		
Michigan	832,707	430,483	107,890	73,523	(2)		
Minnesota	6,913,554	4,696,203	1,503,302	256,297	189,845	(2)	
Mississippi	1,407,480	285,804	47,058	33,360	(2)		
Missouri	1,151,463	337,946	2,510	18	(2)		
Montana	64,807,627	67,963,057	36,015,943	5,973,741	6,601,677	6,176,931	5,878,931
Nebraska	11,226,584	9,798,688	1,879,486	66,844	22,628	(2)	
Nevada	50,804,540	61,277,506	56,474,688	54,267,175	51,454,493	51,270,277	50,975,749
New Mexico	56,360,326	58,541,170	36,454,692	18,448,878	15,864,121	13,078,285	11,783,265
North Dakota	30,497,400	18,725,239	1,410,225	81,044	146,505	146,301	141,760
Oklahoma	[3] 3,694,693	5,733,572	5,007	7,404	(2)		
Oregon	38,273,228	34,377,907	17,580,573	14,006,757	13,060,136	13,012,158	12,919,345
South Dakota	10,241,498	11,930,809	4,552,804	288,472	439,880	516,680	463,420
Utah	38,205,100	42,967,451	35,955,554	29,991,715	23,881,445	25,011,021	22,532,110
Washington	19,646,316	11,125,883	3,196,059	1,086,686	920,584	709,646	692,751
Wisconsin	819,320	313,565	14,460	5,154	(2)		
Wyoming	49,010,060	48,358,169	34,575,159	19,679,595	15,920,460	14,327,024	13,813,200

[1] Exclusive of the Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by the Indians in the Indian Territory west of the ninety-sixth degree of longitude.
[2] Offices closed; areas in these States have not been tabulated subsequently.
[3] Figures include 3,672,640 acres of unsurveyed land in public land strip.

Source: General Land Office, Department of the Interior.

No. 143.—AREA OF INDIAN RESERVATIONS AND INDIAN POPULATION OF THE UNITED STATES, EXCLUSIVE OF ALASKA: JUNE 30

State	Area of Indian reservations—unallotted square miles					Indian population [1]				
	1900	1910	1920	1930	1934	1900	1910	1920	1930	1934
Total	121,665	84,135	55,782	50,151	77,168	270,544	304,950	336,337	340,541	327,958
Arizona	23,673	30,242	34,195	31,881	29,181	40,189	38,475	42,400	47,072	[2] 44,093
California	635	567	690	774	987	11,431	20,976	16,241	19,197	23,808
Colorado		756	619	619	680	995	815	796	813	834
Florida		37	42	42	42	575	358	454	578	580
Idaho	2,132	760	87	90	780	3,557	3,988	4,048	3,890	4,187
Kansas	44	1		2	68	1,211	1,385	1,466	1,602	1,860
Michigan	13	4			20	7,557	6,784	7,510	[3] 1,192	[3] 1,192
Minnesota	2,448	910	865	868	1,145	8,952	11,095	12,681	15,767	15,200
Montana	14,845	8,682	5,538	1,183	9,136	10,076	10,766	12,374	14,238	15,255
Nebraska	117	11	10	12	104	3,854	3,784	2,461	4,358	4,498
Nevada	1,491	1,073	1,135	1,300	1,324	8,321	6,192	5,900	4,975	5,076
New Mexico	2,606	2,889	3,278	5,524	8,141	9,480	18,837	21,530	28,113	[2] 34,726
New York	137	137	137	137		5,334	5,476	6,432	4,445	[4] 4,523
North Carolina	154	99	99	99	99	1,436	1,999	3,268	3,194	3,254
North Dakota	5,784	2,031	156	2	4,704	8,276	8,256	9,018	10,793	10,287
Oklahoma [4]	41,246	4,695	5	60	4,502	[5]100,191	[5]117,088	[5]119,255	[6]121,884	[6]94,980
Oregon	2,031	1,995	1,860	1,756	2,341	4,063	3,477	6,629	4,518	4,644
South Dakota	14,050	4,554	563	382	6,780	19,212	20,303	23,010	23,726	26,695
Utah	3,186	280	526	532	2,537	2,115	1,697	3,057	1,591	[2] 2,124
Washington	3,646	3,790	2,655	1,330	2,724	9,827	9,625	11,114	12,572	13,418
Wisconsin	595	477	424	428	656	10,726	10,303	10,319	11,705	12,085
Wyoming	2,828	149	2,899	3,120	1,123	1,642	1,701	1,748	2,014	2,178
Miscellaneous	4	5	5	10	14	1,524	1,570	9,626	2,304	2,461

[1] An Indian, as defined by the Indian Service, represents a person of Indian blood who, through wardship, treaty, or inheritance, has acquired certain rights. Indians are accredited to the State where enrolled though an Indian may be carried on the rolls because of tribal or inheritance rights and reside elsewhere. Reservation and nonreservation Indians are included. Beginning 1930, Indians no longer under the jurisdiction of the Indian Office are not included (see also note 6). Figures for 1930 and 1934 are as of Apr. 1.
[2] For 1930 and prior years the entire population of the Southern Navajo Reservation and the Western Navajo Reservation was reported under Arizona; for 1934, the part of the former extending into New Mexico and the part of the latter extending into Utah is included in New Mexico and Utah, respectively.
[3] 1927. [4] Estimate. [5] Includes Indian Territory for 1900.
[6] Figures include data for the Five Civilized Tribes as follows: 1900, 84,570; 1910, 101,278; 1920 and 1930, 101,506 (final roll of Mar. 4, 1907), including 23,405 freedmen and 2,582 intermarried whites. The 1934 figure includes 72,626 Indian members as reported by the Bureau of the Census, the freedmen and intermarried whites having been dropped from the rolls since they were not Indians though they had the legal rights of Indians.

Source: Commissioner of Indian Affairs, Department of the Interior.

No. 144.—CLIMATIC CONDITIONS: SELECTED CITIES IN THE UNITED STATES

NOTE.—The table presented herewith shows the more important facts concerning the weather at a number of points in the United States selected with a view to covering all the important climatic sections and including at least one from each State. The temperature extremes include the entire period of observations to Dec. 31, 1934. Other data are long-time averages covering periods ranging from 20 to more than 50 years. All monthly mean temperature values except those at Asheville, Hartford, Miami, Providence, and Wilmington, are normals, based on long records. Similarly, all monthly averages of precipitation are normals except the amounts given at Wilmington. Average hourly wind velocity data are reduced to true velocities. Temperatures are Fahrenheit

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ALABAMA, MONTGOMERY													
Temperature:													
Monthly mean	48.2	51.6	57.8	65.3	73.4	79.6	81.7	80.8	76.3	66.6	55.8	49.4	65.5
Daily mean maximum	57.1	60.7	67.7	75.6	83.2	89.7	90.9	89.8	86.4	78.4	66.1	58.6	75.2
Daily mean minimum	40.0	42.4	48.1	55.2	63.0	70.1	72.4	71.8	67.5	56.2	46.1	40.9	56.1
Highest on record	80	84	90	92	99	106	107	103	106	96	85	81	107
Lowest on record	5	−5	20	30	43	48	61	58	45	31	18	8	−5
Precipitation:													
Total, inches	5.20	5.45	5.99	4.30	3.84	3.80	4.86	4.23	2.99	2.46	3.23	4.84	51.19
Days with 0.01 inch or more	11	10	10	8	9	11	12	11	8	6	7	10	113
Total snowfall, inches	0.2	0.3	(1)	(1)	0	0	0	0	0	0	(1)	0.3	0.8
Percentage of possible sunshine	51	53	61	68	70	71	64	67	68	68	63	45	62
Number of clear days	9	9	12	12	13	10	8	9	13	16	14	10	135
Hourly wind velocity, miles	7.4	8.0	7.9	7.4	6.7	6.3	6.0	5.8	6.3	6.5	6.7	7.1	6.8
ARIZONA, PHOENIX													
Temperature:													
Monthly mean	51.2	55.1	60.7	67.0	75.0	84.5	89.8	88.5	82.7	70.6	59.7	52.0	69.7
Daily mean maximum	65.0	69.0	74.6	82.2	90.4	100.9	103.1	101.2	97.0	86.2	74.6	65.3	84.1
Daily mean minimum	38.5	43.1	46.9	52.7	59.8	68.9	77.0	75.7	68.8	56.0	45.3	38.7	56.0
Highest on record	84	92	95	103	114	118	118	115	112	105	96	81	118
Lowest on record	16	24	30	35	39	49	63	58	47	36	27	22	16
Precipitation:													
Total, inches	0.80	0.77	0.68	0.40	0.12	0.07	1.07	0.95	0.75	0.47	0.70	1.00	7.78
Days with 0.01 inch or more	4	4	4	2	1	1	5	6	3	2	3	4	39
Total snowfall, inches	(1)	(1)	(1)	0	0	0	0	0	0	0	(1)	(1)	(1)
Percentage of possible sunshine	76	79	82	87	92	93	82	83	89	89	83	77	84
Number of clear days	17	15	18	20	23	25	16	18	22	23	20	18	235
Hourly wind velocity, miles	5.3	5.7	6.2	6.4	6.5	6.3	6.3	5.8	5.6	5.4	5.2	5.1	5.8
ARKANSAS, LITTLE ROCK													
Temperature:													
Monthly mean	41.4	44.9	53.0	62.1	70.3	77.4	80.9	79.8	74.1	63.6	52.1	44.2	62.0
Daily mean maximum	50.3	53.6	62.4	72.0	79.1	87.0	90.2	89.2	83.9	73.5	61.5	52.2	71.2
Daily mean minimum	34.0	36.2	43.9	53.1	60.8	68.7	72.0	70.9	65.2	53.9	43.2	36.1	53.2
Highest on record	78	87	90	94	97	102	108	105	104	93	84	78	108
Lowest on record	−8	−12	14	28	39	51	58	52	41	27	10	5	−12
Precipitation:													
Total, inches	4.73	3.84	4.62	5.19	4.78	3.76	3.50	3.75	3.17	2.71	4.19	4.14	48.38
Days with 0.01 inch or more	10	9	10	10	10	10	9	9	7	7	8	9	108
Total snowfall, inches	2.0	1.3	0.5	(1)	0	0	0	0	0	(1)	0.2	1.1	5.1
Percentage of possible sunshine	48	53	57	63	66	73	71	73	71	69	57	47	62
Number of clear days	10	10	11	11	11	11	12	14	14	17	13	10	144
Hourly wind velocity, miles	8.1	8.8	9.4	8.8	7.5	6.4	6.0	5.7	5.9	6.4	7.4	7.9	7.3
CALIFORNIA, FRESNO													
Temperature:													
Monthly mean	46.2	51.1	55.0	60.2	67.1	75.8	82.1	80.7	73.4	64.0	54.2	46.2	63.0
Daily mean maximum	54.2	61.4	66.4	74.0	81.4	91.0	99.1	97.4	89.0	78.5	66.6	54.7	76.1
Daily mean minimum	38.0	41.6	44.7	47.9	52.9	59.4	64.9	63.6	58.0	51.0	43.3	38.2	50.3
Highest on record	73	84	87	101	110	112	115	113	111	100	86	76	115
Lowest on record	17	24	28	34	38	42	50	51	42	36	27	18	17
Precipitation:													
Total, inches	1.73	1.43	1.58	0.95	0.44	0.08	0.01	0.01	0.21	0.57	0.93	1.45	9.39
Days with 0.01 inch or more	7	7	7	4	2	1	(2)	(2)	1	2	4	7	42
Total snowfall, inches	0.1	(1)	(1)	0	0	0	0	0	0	0	0	(1)	0.1
Percentage of possible sunshine	45	64	72	83	87	94	97	96	92	87	73	48	78
Number of clear days	9	12	14	19	22	25	29	28	25	23	17	10	233
Hourly wind velocity, miles	4.4	5.0	5.7	6.9	8.0	8.4	7.8	6.9	6.0	4.8	4.1	4.1	6.0

[1] Trace. [2] Less than 1 day.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DELAWARE, WILMINGTON													
Temperature:													
Monthly mean	33.2	32.6	42.2	52.4	63.1	71.5	76.3	74.0	68.3	56.9	45.5	35.1	54.3
Daily mean maximum	40.6	40.5	51.4	62.8	73.7	81.8	85.8	83.3	77.6	66.1	53.6	42.4	63.3
Daily mean minimum	25.6	24.8	32.8	42.1	52.5	61.2	66.8	64.7	58.9	47.6	37.5	27.9	45.2
Highest on record	71	78	80	97	98	102	106	107	98	90	78	70	107
Lowest on record	−10	−15	6	11	31	41	49	47	33	25	11	−7	−15
Precipitation:													
Total, inches	3.42	3.26	3.54	3.48	3.58	3.84	4.98	4.89	3.56	3.09	2.91	3.54	44.09
Days with 0.01 inch or more	9	8	10	9	10	9	9	10	7	6	7	9	103
Total snowfall, inches	6.0	6.7	3.6	1.0	0	0	0	0	0	0.1	0.4	4.3	22.1
Number of clear days	14	14	15	15	16	16	17	16	17	18	15	14	187
D. C., WASHINGTON													
Temperature:													
Monthly mean	33.4	35.3	42.6	53.3	63.7	72.2	76.8	75.0	68.1	57.4	45.2	36.6	55.0
Daily mean maximum	42.2	43.6	52.1	63.5	74.5	82.4	86.5	84.0	78.2	66.9	54.4	44.4	64.4
Daily mean minimum	26.5	27.2	34.2	43.6	54.0	62.9	67.6	65.6	59.3	47.3	37.2	29.1	46.2
Highest on record	77	84	93	95	97	102	106	106	104	93	83	74	106
Lowest on record	−14	−15	4	15	33	43	52	49	36	26	11	−13	−15
Precipitation:													
Total, inches	3.55	3.27	3.75	3.27	3.70	4.13	4.71	4.01	3.24	2.84	2.37	3.32	42.16
Days with 0.01 inch or more	11	10	12	11	12	11	11	11	8	8	9	10	124
Total snowfall, inches	6.2	5.8	4.0	0.5	(1)	0	0	0	0	(1)	0.7	3.4	20.6
Percentage of possible sunshine	47	53	55	59	61	63	64	61	62	62	53	48	57
Number of clear days	9	9	10	11	11	11	11	11	12	14	10	10	129
Hourly wind velocity, miles	7.0	7.7	8.5	8.0	6.4	5.7	5.2	4.9	5.1	5.7	6.6	6.6	6.4
FLORIDA, JACKSONVILLE													
Temperature:													
Monthly mean	55.4	58.0	62.6	68.7	75.0	79.9	82.1	81.7	78.3	71.1	62.2	56.3	69.3
Daily mean maximum	64.6	66.7	71.8	77.3	83.3	87.9	89.9	89.3	85.6	78.3	70.8	65.3	77.6
Daily mean minimum	47.4	49.2	54.0	59.8	66.4	71.9	73.9	73.7	71.5	63.5	54.2	48.1	61.1
Highest on record	83	86	91	92	98	101	104	101	99	95	86	83	104
Lowest on record	15	10	26	34	46	54	65	64	49	37	26	14	10
Precipitation:													
Total, inches	2.80	2.97	2.91	2.38	4.02	5.33	6.71	5.81	7.35	4.46	1.98	3.02	49.74
Days with 0.01 inch or more	9	8	8	7	9	13	15	15	13	10	7	8	122
Total snowfall, inches	(1)	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)
Percentage of possible sunshine	56	59	68	72	71	64	64	65	63	59	63	53	63
Number of clear days	11	10	13	13	12	8	7	8	10	12	13	11	128
Hourly wind velocity, miles	9.2	9.5	9.8	9.7	9.2	9.0	8.7	8.4	8.7	9.2	9.0	8.9	9.1
FLORIDA, MIAMI													
Temperature:													
Monthly mean	67.7	68.2	71.0	73.8	77.5	80.3	81.7	82.0	81.1	77.7	72.5	68.9	75.2
Daily mean maximum	74.4	75.0	76.6	79.6	82.6	85.4	87.1	87.4	86.1	82.9	77.5	75.5	80.8
Daily mean minimum	62.3	61.5	63.6	67.7	71.3	74.7	76.0	76.5	75.6	72.8	66.4	63.2	69.3
Highest on record	85	88	92	93	94	94	96	96	95	93	88	91	96
Lowest on record	29	27	34	45	50	61	66	67	62	52	36	30	27
Precipitation:													
Total, inches	2.80	2.12	2.56	3.32	7.03	7.03	6.03	6.49	9.09	9.33	2.83	1.89	60.52
Days with 0.01 inch or more	9	6	7	8	12	13	15	15	18	16	10	7	136
Total snowfall, inches	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine	64	72	74	73	67	62	67	69	65	64	65	67	68
Number of clear days	9	11	12	10	7	5	5	6	5	7	8	10	95
Hourly wind velocity, miles	9.6	9.5	10.0	9.9	9.3	8.4	8.0	8.2	8.8	9.6	10.8	9.2	9.3
FLORIDA, TAMPA													
Temperature:													
Monthly mean	60.4	61.9	66.8	70.9	76.3	80.2	81.2	81.5	79.9	74.3	66.9	61.1	71.8
Daily mean maximum	69.9	71.4	75.9	80.4	85.5	88.6	89.4	89.6	88.3	82.6	75.9	70.9	80.7
Daily mean minimum	52.3	53.7	57.7	62.0	67.6	71.9	73.7	73.8	72.3	66.3	58.2	53.3	63.6
Highest on record	83	86	92	91	94	98	97	97	96	93	88	86	98
Lowest on record	23	22	32	38	52	59	65	66	54	43	32	19	19
Precipitation:													
Total, inches	2.69	2.56	2.43	2.01	2.99	7.25	7.95	8.18	6.42	3.09	1.72	2.07	49.36
Days with 0.01 inch or more	7	7	6	5	7	14	17	17	15	8	5	7	115
Total snowfall, inches	0	(1)	0	0	0	0	0	0	0	0	0	(1)	(1)
Percentage of possible sunshine	60	66	71	74	73	66	63	65	65	66	66	60	66
Number of clear days	10	11	14	13	11	7	5	5	7	12	13	12	120
Hourly wind velocity, miles	7.9	8.3	8.5	8.3	7.8	7.3	6.8	6.7	7.5	8.3	8.0	7.7	7.8

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
GEORGIA, ATLANTA													
Temperature:													
Monthly mean	42.6	45.3	52.0	61.0	69.9	76.0	78.1	77.0	72.4	63.0	52.1	44.7	61.2
Daily mean maximum	51.3	54.0	61.6	70.3	78.5	85.2	87.0	85.7	81.7	71.4	60.5	52.4	70.0
Daily mean minimum	35.6	37.2	43.4	51.6	60.1	67.2	69.7	69.0	64.7	53.9	43.7	37.0	52.8
Highest on record	76	78	87	93	97	101	103	100	102	94	82	75	103
Lowest on record	−2	−8	8	25	38	39	58	55	43	28	14	1	−8
Precipitation:													
Total, inches	4.95	4.79	5.30	3.61	3.47	3.74	4.65	4.45	2.99	2.59	3.03	4.70	48.27
Days with 0.01 inch or more	12	11	11	10	10	11	13	12	8	7	8	11	124
Total snowfall, inches	0.9	0.9	0.2	0.1	0	0	0	0	0	(1)	(1)	0.4	2.5
Percentage of possible sunshine	49	54	58	65	68	69	62	60	65	67	61	47	60
Number of clear days	9	9	12	11	11	10	8	9	12	16	13	10	134
Hourly wind velocity, miles	11.6	11.9	11.8	10.8	9.7	8.7	8.4	8.1	8.8	10.0	10.9	11.2	10.2
IDAHO, BOISE													
Temperature:													
Monthly mean	29.8	34.8	42.7	50.4	57.1	65.3	72.9	71.8	61.9	51.1	41.0	32.1	50.9
Daily mean maximum	37.6	43.1	52.7	61.7	70.0	78.9	89.6	87.3	76.0	64.2	50.8	38.4	62.5
Daily mean minimum	23.7	27.6	33.5	38.8	45.0	51.8	58.8	57.1	48.1	40.4	32.5	24.2	40.1
Highest on record	62	69	83	92	100	107	113	121	103	95	85	67	121
Lowest on record	−28	−13	−5	17	25	30	40	32	23	14	−10	−18	−28
Precipitation:													
Total, inches	1.73	1.44	1.35	1.18	1.43	0.92	0.24	0.19	0.53	1.24	1.28	1.57	13.10
Days with 0.01 inch or more	11	9	9	7	7	5	2	2	3	6	8	10	79
Total snowfall, inches	8.2	5.2	2.9	0.7	(1)	(1)	0	0	(1)	0.1	1.4	5.6	24.1
Percentage of possible sunshine	38	52	59	68	72	79	93	87	79	68	51	40	66
Number of clear days	5	6	8	9	11	14	22	21	18	14	9	6	143
Hourly wind velocity, miles	5.7	6.1	6.8	7.0	6.8	6.3	5.9	5.6	5.5	5.4	5.6	5.5	6.0
ILLINOIS, CHICAGO													
Temperature:													
Monthly mean	23.7	26.3	35.3	46.9	57.5	67.3	72.5	71.6	65.2	54.0	40.1	28.8	49.1
Daily mean maximum	31.1	33.4	42.6	54.7	65.6	75.8	80.4	79.2	73.4	61.7	47.0	35.2	56.7
Daily mean minimum	17.9	19.8	28.8	39.5	49.2	59.4	65.0	64.0	57.2	45.9	33.4	22.8	41.9
Highest on record	65	68	81	90	98	102	105	102	98	87	77	68	105
Lowest on record	−20	−21	−12	17	27	40	50	47	32	14	−2	−23	−23
Precipitation:													
Total, inches	1.90	2.14	2.58	2.78	3.54	3.30	3.33	3.21	3.14	2.53	2.37	2.04	32.86
Days with 0.01 inch or more	11	10	12	11	11	11	9	9	9	9	10	11	123
Total snowfall, inches	8.9	8.7	6.1	0.9	(1)	0	0	0	0	0.1	1.6	7.0	33.3
Percentage of possible sunshine	45	50	53	58	64	70	73	69	64	59	46	40	58
Number of clear days	8	8	8	9	10	10	13	13	12	12	8	7	118
Hourly wind velocity, miles	12.6	12.2	13.4	12.7	11.2	10.4	9.7	9.7	10.2	11.0	12.3	12.0	11.4
INDIANA, INDIANAPOLIS													
Temperature:													
Monthly mean	28.4	31.1	40.0	52.1	62.9	71.6	75.7	73.7	66.9	55.7	42.3	32.2	52.7
Daily mean maximum	36.3	38.6	48.5	61.3	72.2	81.4	85.7	83.3	76.8	64.6	49.9	39.1	61.5
Daily mean minimum	21.6	23.2	32.0	43.2	53.5	62.7	66.7	64.4	57.8	46.4	34.7	25.5	44.3
Highest on record	70	73	84	90	96	101	106	103	98	89	78	69	106
Lowest on record	−25	−18	0	19	31	39	48	44	30	22	−5	−15	−25
Precipitation:													
Total, inches	2.95	2.73	3.93	3.62	3.89	3.62	3.34	3.31	3.40	2.78	3.35	2.98	39.90
Days with 0.01 inch or more	13	11	13	12	13	11	10	9	9	9	11	12	133
Total snowfall, inches	6.2	4.9	3.8	0.7	0.1	0	0	0	0	0.1	1.3	4.6	21.7
Percentage of possible sunshine	43	48	48	55	61	67	72	67	67	62	50	31	56
Number of clear days	6	6	7	8	9	8	11	11	12	12	8	6	104
Hourly wind velocity, miles	11.6	11.6	12.1	11.8	10.5	9.5	8.8	8.5	9.2	10.0	11.3	11.2	10.5
IOWA, DES MOINES													
Temperature:													
Monthly mean	20.1	23.7	35.9	50.1	61.3	70.6	75.4	73.1	65.6	53.4	38.4	26.0	49.5
Daily mean maximum	30.1	33.7	45.8	60.7	71.7	80.8	86.2	83.7	75.7	63.8	47.7	34.1	59.5
Daily mean minimum	12.2	15.6	27.3	40.5	51.2	61.1	65.3	63.0	55.1	43.3	29.6	18.0	40.2
Highest on record	66	78	88	92	105	103	109	110	99	91	79	69	110
Lowest on record	−30	−26	−10	11	26	37	48	40	26	7	−10	−21	−30
Precipitation:													
Total, inches	1.07	1.12	1.78	2.91	4.56	4.76	3.50	3.52	3.67	2.50	1.43	1.22	32.04
Days with 0.01 inch or more	8	7	9	10	12	11	9	9	9	8	7	8	107
Total snowfall, inches	8.6	6.9	5.5	1.1	(1)	0	0	0	0	0.3	2.2	7.2	31.8
Percentage of possible sunshine	56	58	57	59	63	67	73	69	62	62	54	49	61
Number of clear days	10	9	8	8	8	9	12	13	12	13	10	9	121
Hourly wind velocity, miles	8.0	8.4	9.1	9.4	8.4	7.3	6.4	6.1	7.0	7.4	8.0	7.8	7.8

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
KANSAS, DODGE CITY													
Temperature:													
Monthly mean	29.0	33.2	42.8	53.6	63.5	72.5	78.4	77.7	69.4	56.1	42.6	32.6	54.3
Daily mean maximum	41.6	46.1	56.1	67.1	75.3	85.3	90.6	89.3	81.8	69.5	55.9	44.6	66.9
Daily mean minimum	17.7	21.1	29.0	40.9	51.1	61.0	66.0	64.7	56.3	43.3	29.8	20.8	41.8
Highest on record	79	84	98	95	101	107	109	105	103	94	86	79	109
Lowest on record	−20	−26	−10	13	19	36	46	43	30	10	−13	−15	−26
Precipitation:													
Total, inches	0.41	0.77	0.89	1.94	2.89	3.30	3.14	2.67	1.90	1.30	0.73	0.57	20.51
Days with 0.01 inch or more	4	5	6	7	10	9	8	7	6	5	4	4	75
Total snowfall, inches	3.4	5.3	4.5	0.8	(1)	0	0	0	0	0.2	1.5	3.4	19.1
Percentage of possible sunshine	67	67	67	68	67	73	77	78	76	75	71	67	71
Number of clear days	15	13	14	13	12	15	16	17	17	18	16	15	181
Hourly wind velocity, miles	10.0	10.6	12.4	13.2	12.5	11.9	10.6	10.0	11.0	10.8	10.1	10.0	11.1
KENTUCKY, LOUISVILLE													
Temperature:													
Monthly mean	34.4	37.2	45.4	56.4	66.6	74.7	78.6	77.0	70.5	59.3	46.7	37.6	57.0
Daily mean maximum	42.7	45.2	54.5	65.8	75.9	84.3	88.2	86.3	80.5	68.7	54.9	44.9	66.0
Daily mean minimum	27.2	28.7	36.7	46.7	56.5	65.3	69.1	67.3	61.0	49.1	38.3	30.3	48.0
Highest on record	74	78	88	91	98	101	107	105	102	91	79	74	107
Lowest on record	−20	−14	3	21	33	43	54	47	36	23	1	−7	−20
Precipitation:													
Total, inches	4.00	3.55	4.39	3.88	3.72	3.82	3.70	3.42	2.78	2.65	3.61	3.74	43.26
Days with 0.01 inch or more	12	10	12	12	11	11	10	9	8	8	9	11	123
Total snowfall, inches	4.2	3.8	2.2	0.2	(1)	0	0	0	0	0.1	0.4	2.9	13.8
Percentage of possible sunshine	43	48	52	58	63	69	72	69	68	65	52	39	58
Number of clear days	8	7	8	9	10	9	12	12	13	14	10	7	119
Hourly wind velocity, miles	9.9	10.1	10.8	9.9	8.5	7.7	7.0	6.6	7.1	7.8	9.2	9.4	8.7
LOUISIANA, NEW ORLEANS													
Temperature:													
Monthly mean	54.2	57.3	62.8	68.8	75.4	80.6	82.4	82.2	79.2	71.0	61.6	55.6	69.3
Daily mean maximum	62.5	65.1	70.9	76.7	82.9	88.1	89.4	89.3	86.2	78.3	69.8	63.3	76.9
Daily mean minimum	47.2	49.6	55.1	61.3	67.7	73.7	75.5	75.6	72.0	64.1	54.5	48.4	62.1
Highest on record	82	84	90	90	96	102	102	100	99	94	89	84	102
Lowest on record	15	7	28	38	52	58	66	63	54	40	29	19	7
Precipitation:													
Total, inches	4.34	4.25	4.72	5.24	4.60	5.88	6.37	5.80	5.03	3.30	3.14	4.79	57.46
Days with 0.01 inch or more	10	9	9	7	9	13	15	14	10	7	7	10	120
Total snowfall, inches	0.1	0.2	(1)	0	0	0	0	0	0	0	0	(1)	0.3
Percentage of possible sunshine	48	51	58	63	67	64	57	57	64	68	59	45	58
Number of clear days	9	9	11	11	12	9	7	7	12	16	13	9	125
Hourly wind velocity, miles	8.7	9.0	9.0	8.7	7.9	7.1	6.8	6.7	7.6	8.1	8.4	8.7	8.1
MAINE, PORTLAND													
Temperature:													
Monthly mean	22.4	23.8	31.8	43.0	53.3	62.5	68.1	66.4	59.6	49.9	38.0	27.6	45.5
Daily mean maximum	30.5	31.3	39.5	50.4	61.2	70.8	76.2	73.8	67.5	57.1	45.1	34.0	53.1
Daily mean minimum	15.3	15.7	25.3	35.3	45.4	54.1	60.0	58.6	52.1	42.5	31.5	20.4	38.0
Highest on record	65	58	79	89	94	96	103	98	96	85	74	65	103
Lowest on record	−18	−18	−7	9	27	38	48	45	32	22	−6	−21	−21
Precipitation:													
Total, inches	3.97	4.00	3.86	3.38	3.40	3.28	3.24	3.14	3.10	3.14	3.46	3.97	41.94
Days with 0.01 inch or more	12	11	12	11	12	11	12	11	10	10	11	12	135
Total snowfall, inches	18.5	20.7	12.1	4.8	(1)	0	0	0	(1)	(1)	4.2	12.4	72.7
Percentage of possible sunshine	56	59	59	57	58	61	64	63	61	59	46	50	58
Number of clear days	10	11	11	10	10	12	11	12	12	11	10	10	130
Hourly wind velocity, miles	8.9	9.2	9.6	9.4	8.7	7.8	7.4	7.0	7.6	8.4	8.9	8.8	8.5
MARYLAND, BALTIMORE													
Temperature:													
Monthly mean	33.8	35.4	42.3	53.6	64.4	72.7	77.2	75.5	68.5	58.2	46.3	37.2	55.4
Daily mean maximum	41.7	42.6	50.9	62.2	73.3	81.7	86.0	83.4	77.5	66.3	54.0	44.0	63.6
Daily mean minimum	27.8	28.2	34.9	44.7	55.4	64.3	69.2	67.2	61.1	49.5	39.2	30.7	47.8
Highest on record	79	83	88	94	98	105	104	105	101	92	82	73	105
Lowest on record	−6	−7	5	15	34	46	54	51	39	30	12	−3	−7
Precipitation:													
Total, inches	3.50	3.39	3.71	3.34	3.54	3.88	4.64	4.37	3.37	2.89	2.56	3.37	42.56
Days with 0.01 inch or more	11	10	12	11	11	11	11	11	8	8	9	11	124
Total snowfall, inches	6.2	6.8	4.7	0.8	(1)	0	0	0	0	0.1	0.6	3.9	23.1
Percentage of possible sunshine	48	56	58	60	60	63	65	62	64	64	54	49	59
Number of clear days	9	9	10	10	10	9	10	10	12	13	10	9	121
Hourly wind velocity, miles	7.7	8.1	8.6	8.4	7.7	7.4	7.1	6.8	7.0	7.3	7.5	7.5	7.6

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MASSACHUSETTS, BOSTON													
Temperature:													
Monthly mean	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
Daily mean maximum	36.1	36.3	44.0	54.5	65.7	75.3	80.5	77.8	71.6	61.4	49.7	39.3	57.7
Daily mean minimum	20.4	20.6	28.5	38.3	48.7	57.8	63.7	62.0	55.6	45.5	35.2	25.0	41.8
Highest on record	70	68	83	89	97	100	104	98	102	90	78	69	104
Lowest on record	−13	−18	−8	11	31	42	46	47	34	25	−2	−17	−18
Precipitation:													
Total, inches	3.61	3.37	3.57	3.34	3.18	2.89	3.49	3.62	3.14	3.15	3.33	3.45	40.14
Days with 0.01 inch or more	12	10	12	11	11	10	10	10	9	9	10	11	125
Total snowfall, inches	11.2	13.0	7.6	2.2	(1)	0	0	0	0	(1)	1.5	8.0	43.5
Percentage of possible sunshine	49	58	57	58	59	63	64	63	62	56	48	43	57
Number of clear days	9	10	10	9	9	10	9	11	12	11	9	9	118
Hourly wind velocity, miles[3]	16.1	16.5	16.4	14.5	13.1	12.4	12.3	12.2	13.0	14.2	15.4	15.8	14.3
MICHIGAN, DETROIT													
Temperature:													
Monthly mean	24.4	25.3	33.4	46.2	58.0	67.4	72.1	70.3	63.5	52.5	39.3	29.3	48.5
Daily mean maximum	31.5	32.0	41.4	54.8	67.1	76.7	81.7	79.1	72.5	60.0	45.7	35.0	56.5
Daily mean minimum	18.5	18.3	26.4	37.4	48.6	58.6	63.6	61.6	55.6	44.6	33.2	23.5	40.8
Highest on record	66	65	81	88	95	104	105	104	97	88	75	65	105
Lowest on record	−16	−20	−7	8	28	38	48	45	30	22	0	−24	−24
Precipitation:													
Total, inches	2.07	2.18	2.40	2.46	3.21	3.56	3.32	2.78	2.90	2.38	2.44	2.35	32.05
Days with 0.01 inch or more	13	12	13	11	13	11	9	9	10	10	12	14	137
Total snowfall, inches	11.1	10.3	8.0	1.5	0.1	0	0	0	0	0.1	3.0	9.3	43.4
Percentage of possible sunshine	35	42	47	51	58	65	68	66	61	53	36	29	51
Number of clear days	5	6	7	8	9	10	12	12	11	10	5	4	99
Hourly wind velocity, miles	13.5	11.8	13.4	12.8	10.6	10.4	9.9	9.3	10.6	10.8	12.5	12.0	11.5
MINNESOTA, MINNEAPOLIS													
Temperature:													
Monthly mean	12.7	15.9	29.6	46.4	57.7	67.5	72.3	69.9	61.4	48.9	32.4	19.6	44.5
Daily mean maximum	22.3	25.0	38.2	55.7	67.7	77.3	82.3	79.7	71.5	58.3	40.6	26.7	53.8
Daily mean minimum	5.6	8.2	21.6	36.7	47.9	58.4	62.9	60.2	52.6	40.9	25.8	12.1	36.1
Highest on record	52	64	83	91	106	104	105	100	104	90	77	56	106
Lowest on record	−33	−33	−17	9	22	36	44	42	29	10	−13	−27	−33
Precipitation:													
Total, inches	0.86	0.95	1.42	2.23	3.67	4.22	3.73	3.12	3.13	2.08	1.27	0.98	27.66
Days with 0.01 inch or more	8	7	8	9	12	11	9	9	10	9	7	8	107
Total snowfall, inches	9.4	7.8	8.1	3.6	0.2	0	0	0	(1)	0.6	4.3	7.5	41.5
Percentage of possible sunshine	48	53	57	58	60	65	72	69	56	50	39	40	56
Number of clear days	8	9	9	9	8	8	10	11	11	10	7	8	108
Hourly wind velocity, miles	11.3	11.5	12.1	12.3	11.7	10.5	10.0	10.0	11.0	11.5	11.4	11.1	11.2
MISSISSIPPI, VICKSBURG													
Temperature:													
Monthly mean	48.2	51.8	58.5	65.6	72.9	79.0	81.3	80.8	76.3	66.7	56.6	50.0	65.6
Daily mean maximum	57.0	60.2	67.5	74.9	81.8	88.3	90.1	89.8	86.0	76.5	66.3	58.6	74.8
Daily mean minimum	40.4	42.8	49.3	56.4	63.4	70.2	72.5	72.0	67.2	56.9	47.4	41.8	56.7
Highest on record	82	84	92	92	97	101	102	101	104	94	86	82	104
Lowest on record	3	−1	22	31	43	52	59	54	42	31	22	10	−1
Precipitation:													
Total, inches	5.37	4.82	5.57	5.19	4.32	3.99	4.53	3.46	2.87	2.77	3.71	5.33	51.93
Days with 0.01 inch or more	11	10	10	9	8	10	11	9	7	6	8	10	109
Total snowfall, inches	0.7	0.5	(1)	0	0	0	0	0	0	0	(1)	0.3	1.5
Percentage of possible sunshine	47	52	59	66	71	74	70	71	73	71	61	45	63
Number of clear days	9	9	11	11	12	12	10	11	14	17	13	10	139
Hourly wind velocity, miles	8.2	8.4	8.7	8.1	7.2	6.5	6.3	6.0	6.4	6.7	7.4	8.0	7.3
MISSOURI, ST. LOUIS													
Temperature:													
Monthly mean	30.8	34.5	43.9	55.8	66.9	74.8	78.6	77.3	70.1	58.3	45.1	34.7	55.9
Daily mean maximum	40.3	43.1	53.3	65.3	75.0	84.0	88.2	86.4	79.5	67.8	53.8	43.2	65.0
Daily mean minimum	24.4	26.6	35.8	47.2	57.2	66.5	70.9	68.8	61.8	50.0	37.7	28.5	48.0
Highest on record	74	84	92	93	96	102	110	108	103	91	82	75	110
Lowest on record	−22	−18	3	22	32	44	55	52	37	21	3	−15	−22
Precipitation:													
Total, inches	2.34	2.56	3.38	3.81	4.34	3.82	2.98	2.99	3.46	2.72	2.83	2.21	37.44
Days with 0.01 inch or more	9	9	11	11	11	11	9	8	8	8	8	9	112
Total snowfall, inches	4.9	5.6	3.8	0.6	0.1	0	0	0	0	(1)	0.8	3.2	19.0
Percentage of possible sunshine	49	50	55	58	64	67	70	68	66	64	55	45	59
Number of clear days	11	9	10	11	11	10	13	14	14	15	11	10	139
Hourly wind velocity, miles	11.7	11.8	12.4	12.1	10.8	9.9	9.1	8.9	9.6	10.4	11.6	11.5	10.8

[1] Trace.

[3] Adjusted to elevation of 360 feet.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MONTANA, HELENA													
Temperature:													
Monthly mean	20.2	23.0	32.4	43.5	51.6	59.2	65.7	65.0	56.6	44.9	33.2	24.2	43.3
Daily mean maximum	29.0	32.5	42.0	54.2	62.5	71.3	80.6	79.3	67.1	55.4	41.6	32.3	54.0
Daily mean minimum	12.7	15.4	23.4	33.4	41.1	48.4	54.3	53.2	44.0	35.5	24.7	16.9	33.6
Highest on record	63	69	73	86	95	102	103	99	92	84	71	64	103
Lowest on record	−42	−41	−20	3	22	31	36	29	6	−1	−22	−40	−42
Precipitation:													
Total, inches	0.87	0.65	0.79	1.12	2.29	2.34	1.14	0.77	1.25	0.80	0.74	0.78	13.63
Days with 0.01 inch or more	9	8	9	8	11	12	8	6	7	6	7	8	99
Total snowfall, inches	10.3	8.2	9.2	6.0	2.1	(1)	(1)	(1)	0.9	4.1	6.9	9.0	56.7
Percentage of possible sunshine	44	53	58	59	57	64	76	73	62	50	48	42	58
Number of clear days	6	6	7	7	7	8	15	15	12	10	7	6	106
Hourly wind velocity, miles	7.4	7.6	8.3	8.7	8.6	8.4	8.1	7.7	7.9	7.8	7.4	7.3	7.9
NEBRASKA, OMAHA													
Temperature:													
Monthly mean	21.9	25.5	37.0	51.2	62.4	71.6	76.7	74.4	66.8	54.3	38.5	26.4	50.6
Daily mean maximum	31.0	35.2	46.8	61.7	72.2	81.7	86.7	84.4	76.4	64.5	48.2	35.2	60.3
Daily mean minimum	13.7	17.1	27.9	41.7	52.8	62.5	67.4	65.2	56.5	44.7	30.3	19.3	41.6
Highest on record	67	78	91	94	103	107	110	111	102	92	80	71	111
Lowest on record	−32	−26	−8	6	25	42	50	44	30	8	−14	−20	−32
Precipitation:													
Total, inches	0.70	0.89	1.37	2.51	3.77	4.56	3.54	3.05	3.21	2.17	1.07	0.93	27.77
Days with 0.01 inch or more	6	6	7	10	12	11	9	9	9	7	5	7	98
Total snowfall, inches	6.0	6.2	5.9	0.7	(1)	0	0	0	0	0.5	2.4	5.2	26.9
Percentage of possible sunshine	56	60	59	60	64	70	76	69	65	64	56	51	63
Number of clear days	11	10	9	10	9	10	14	13	14	14	11	10	135
Hourly wind velocity, miles	9.3	9.8	10.3	10.2	9.3	8.4	7.6	7.4	8.2	8.7	9.3	9.1	9.0
NEVADA, RENO													
Temperature:													
Monthly mean	31.6	36.3	41.1	47.5	54.2	62.4	70.1	68.7	60.5	50.8	41.5	33.3	49.9
Daily mean maximum	42.7	47.7	54.0	61.4	68.3	78.3	87.9	86.3	77.2	66.6	55.2	44.4	64.2
Daily mean minimum	20.8	24.7	29.2	34.0	40.5	46.9	53.0	51.7	44.3	35.8	28.1	22.4	36.0
Highest on record	67	76	79	88	98	100	106	103	96	89	80	69	106
Lowest on record	−19	−12	−3	14	16	28	35	35	24	16	5	−7	−19
Precipitation:													
Total, inches	1.54	1.18	0.81	0.47	0.63	0.29	0.25	0.22	0.26	0.36	0.64	0.98	7.03
Days with 0.01 inch or more	7	5	6	4	4	3	2	2	2	3	4	6	48
Total snowfall, inches	10.1	6.1	5.3	1.4	0.3	(1)	0	0	(1)	0.4	1.2	4.9	29.7
Percentage of possible sunshine	60	65	71	75	78	84	90	89	85	78	69	60	75
Number of clear days	12	11	12	14	15	21	25	24	21	20	15	12	202
Hourly wind velocity, miles	6.1	6.5	7.6	8.5	8.2	8.0	7.5	7.1	6.9	6.2	6.1	5.8	7.0
NEW HAMPSHIRE, CONCORD													
Temperature:													
Monthly mean	21.6	22.8	30.8	43.4	54.3	62.9	68.5	66.8	59.3	49.7	37.7	26.8	45.4
Daily mean maximum	31.8	33.5	40.9	55.8	68.8	76.8	81.7	78.0	70.9	59.9	46.3	34.7	56.6
Daily mean minimum	11.7	12.2	22.4	33.4	44.7	53.2	58.7	56.1	49.0	38.5	28.4	17.0	35.4
Highest on record	72	68	82	92	98	101	102	99	96	92	80	65	102
Lowest on record	−35	−34	−16	7	22	32	38	35	25	17	−17	−24	−35
Precipitation:													
Total, inches	3.00	2.89	3.03	2.78	3.01	3.19	3.56	3.54	3.45	2.85	3.08	3.13	37.51
Days with 0.01 inch or more	10	9	10	10	11	10	10	11	10	9	10	10	120
Total snowfall, inches	15.2	17.5	8.9	5.2	0.1	(1)	0	0	(1)	0.1	4.0	10.7	61.7
Percentage of possible sunshine	48	55	59	54	55	53	57	57	55	50	44	44	53
Number of clear days	11	13	14	12	13	13	12	13	13	12	10	11	147
Hourly wind velocity, miles	6.7	7.0	7.5	7.6	6.6	5.9	5.4	5.1	5.2	6.0	6.5	6.4	6.3
NEW JERSEY, ATLANTIC CITY													
Temperature:													
Monthly mean	32.5	33.6	38.6	47.3	58.1	66.6	72.1	72.5	66.8	56.9	45.6	36.4	52.3
Daily mean maximum	40.6	40.1	46.0	54.7	64.5	73.5	78.6	78.0	73.5	63.7	52.8	43.6	59.1
Daily mean minimum	26.8	26.4	32.7	41.3	51.6	60.9	66.5	66.6	61.4	50.0	39.0	29.8	46.1
Highest on record	68	77	79	86	95	97	102	104	94	90	77	68	104
Lowest on record	−4	−9	8	15	33	45	52	48	37	29	10	−7	−9
Precipitation:													
Total, inches	3.49	3.36	3.60	2.99	3.05	3.04	3.93	4.49	2.65	3.20	2.82	3.94	40.56
Days with 0.01 inch or more	12	11	12	11	11	10	10	10	8	9	9	10	123
Total snowfall, inches	4.4	5.2	2.4	0.3	0	0	0	0	0	0	0.6	2.7	15.6
Percentage of possible sunshine	53	58	57	60	62	64	66	65	65	64	57	51	60
Number of clear days	9	9	10	10	10	10	11	11	12	14	11	10	127
Hourly wind velocity, miles	16.2	15.4	16.7	16.5	14.7	13.8	13.4	13.1	13.7	14.3	15.1	14.9	14.8

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
NEW MEXICO, SANTA FE													
Temperature:													
Monthly mean	28.8	33.1	39.7	46.7	55.7	64.8	69.0	67.4	60.9	50.4	38.9	30.7	48.8
Daily mean maximum	39.2	44.0	51.4	59.4	68.5	78.4	81.7	79.5	73.6	63.0	50.3	40.8	60.8
Daily mean minimum	18.1	24.0	27.9	35.0	43.4	52.6	57.6	56.2	49.8	39.3	28.4	20.4	37.7
Highest on record	76	75	82	84	89	92	96	97	90	85	77	65	97
Lowest on record	−13	−11	−2	11	20	33	43	40	21	13	−11	−13	−13
Precipitation:													
Total, inches	0.67	0.75	0.80	1.00	1.26	1.08	2.38	2.28	1.45	1.18	0.68	0.74	14.27
Days with 0.01 inch or more	6	7	7	6	7	6	14	13	8	5	5	6	90
Total snowfall, inches	6.1	6.5	5.1	3.6	0.4	(1)	0	0	(1)	1.1	3.6	6.0	32.4
Percentage of possible sunshine	74	67	74	73	76	79	68	71	75	78	75	72	73
Number of clear days	17	13	14	12	16	15	8	10	16	19	17	17	174
Hourly wind velocity, miles	7.1	7.2	8.3	8.5	8.4	7.4	6.4	5.9	6.2	6.5	6.8	6.9	7.1
NEW YORK, BUFFALO													
Temperature:													
Monthly mean	24.6	24.3	31.1	42.8	54.6	64.4	69.8	68.6	62.4	51.9	39.4	29.8	47.0
Daily mean maximum	31.6	30.8	38.7	50.1	61.8	70.3	76.5	75.5	70.0	58.3	45.6	35.3	53.7
Daily mean minimum	18.9	17.2	24.9	34.8	46.2	57.3	63.0	61.4	55.6	44.7	33.8	24.0	40.2
Highest on record	70	68	79	84	94	97	95	95	95	92	72	66	97
Lowest on record	−14	−20	−4	5	25	39	46	44	35	24	2	−9	−20
Precipitation:													
Total, inches	3.30	2.95	2.57	2.56	3.10	2.82	3.03	3.08	2.92	3.29	3.02	3.36	36.00
Days with 0.01 inch or more	19	17	16	13	12	11	10	10	11	12	15	18	164
Total snowfall, inches	19.1	17.1	10.0	3.4	0.2	0	0	0	(1)	0.5	5.9	16.9	73.1
Percentage of possible sunshine	29	41	48	53	59	66	68	64	60	48	32	24	49
Number of clear days	2	3	5	7	8	9	9	9	9	7	3	1	72
Hourly wind velocity, miles	17.7	16.5	15.8	14.5	13.1	12.3	12.0	11.7	12.8	14.3	16.8	17.4	14.6
NEW YORK, NEW YORK													
Temperature:													
Monthly mean	30.9	31.3	37.7	49.4	60.6	68.8	73.8	73.1	66.8	56.3	44.2	35.0	52.3
Daily mean maximum	37.4	38.4	45.4	57.2	68.5	77.0	81.7	80.1	73.7	63.7	51.0	41.2	59.6
Daily mean minimum	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
Highest on record	68	73	80	91	95	97	100	102	100	88	74	68	102
Lowest on record	−6	−14	3	12	34	44	54	51	39	29	7	−13	−14
Precipitation:													
Total, inches	3.66	3.82	3.64	3.23	3.24	3.33	4.24	4.33	3.39	3.53	2.96	3.62	42.99
Days with 0.01 inch or more	12	10	12	11	11	11	12	10	9	9	9	11	127
Total snowfall, inches	8.1	10.0	6.5	1.2	(1)	0	0	0	0	(1)	0.8	6.1	32.7
Percentage of possible sunshine	52	59	60	60	61	64	64	63	64	62	54	51	60
Number of clear days	8	8	9	8	9	8	8	9	10	11	9	8	105
Hourly wind velocity, miles	17.4	17.1	17.9	16.6	14.3	13.5	12.6	12.4	13.0	14.7	16.3	16.7	15.2
NORTH CAROLINA, ASHEVILLE													
Temperature:													
Monthly mean	38.7	39.5	46.6	54.5	62.6	69.6	72.6	71.6	67.1	56.0	46.1	39.4	55.4
Daily mean maximum	48.1	49.1	56.8	65.4	73.4	80.0	82.6	81.3	77.3	67.3	56.6	48.5	65.5
Daily mean minimum	29.4	29.7	36.4	43.5	51.7	59.2	62.7	62.0	56.9	44.8	35.7	30.2	45.2
Highest on record	77	80	87	89	91	97	97	96	95	85	76	78	97
Lowest on record	−5	−6	8	20	31	40	46	47	35	20	4	−4	−6
Precipitation:													
Total, inches	2.48	2.62	3.53	3.01	3.33	3.91	4.20	3.82	2.96	2.86	1.87	3.06	37.65
Days with 0.01 inch or more	10	10	12	11	12	13	15	14	10	7	7	10	131
Total snowfall, inches	3.0	2.5	1.9	0.4	(1)	0	0	0	0	0.1	0.4	1.8	10.1
Percentage of possible sunshine	49	53	55	60	61	60	58	56	59	63	60	48	57
Number of clear days	10	10	12	11	10	8	7	7	10	15	15	11	126
Hourly wind velocity, miles	9.8	10.1	10.4	9.6	8.0	6.8	6.3	6.3	6.7	7.7	9.0	9.2	8.3
NORTH DAKOTA, BISMARCK													
Temperature:													
Monthly mean	7.8	10.3	24.2	42.1	54.5	63.7	69.8	67.3	58.1	44.9	28.5	14.7	40.5
Daily mean maximum	18.5	22.1	35.1	54.7	66.4	75.7	82.5	80.8	70.6	56.9	38.9	24.9	52.3
Daily mean minimum	−2.2	1.5	14.6	31.0	42.5	52.6	57.5	54.9	45.0	33.1	18.2	5.4	29.6
Highest on record	60	65	81	90	102	107	108	105	105	91	74	64	108
Lowest on record	−45	−43	−36	−3	13	31	32	32	10	−10	−28	−42	−45
Precipitation:													
Total, inches	0.45	0.44	0.89	1.52	2.32	3.35	2.24	1.82	1.23	0.94	0.57	0.57	16.34
Days with 0.01 inch or more	7	7	7	8	10	12	9	8	7	6	6	7	94
Total snowfall, inches	5.5	4.9	7.3	2.8	0.8	(1)	0	0	0.1	1.1	4.8	5.9	33.2
Percentage of possible sunshine	52	59	56	58	58	62	72	68	62	58	51	48	59
Number of clear days	11	11	11	12	12	12	16	17	14	13	11	11	151
Hourly wind velocity, miles	9.1	9.4	10.3	11.3	10.7	10.1	9.1	8.9	9.7	9.7	9.3	8.9	9.7

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
OHIO, COLUMBUS													
Temperature:													
Monthly mean	28.6	30.7	39.1	51.2	62.3	70.9	74.9	73.0	66.5	55.2	41.9	32.4	52.2
Daily mean maximum	36.9	38.4	48.3	60.7	72.0	80.8	85.2	82.6	76.9	64.5	50.0	39.4	61.3
Daily mean minimum	22.3	23.0	31.2	41.5	52.1	61.1	65.1	62.9	56.9	45.4	34.6	25.8	43.5
Highest on record	72	72	84	90	96	99	106	103	99	90	77	67	106
Lowest on record	−20	−20	0	15	31	39	49	42	32	20	−5	−12	−20
Precipitation:													
Total, inches	3.06	2.67	3.50	2.87	3.59	3.31	3.55	3.26	2.57	2.46	2.77	2.73	36.34
Days with 0.01 inch or more	14	12	14	12	12	12	11	10	9	9	11	13	139
Total snowfall, inches	7.3	5.7	3.5	1.0	(1)	0	0	0	0	0.1	1.6	4.3	23.5
Percentage of possible sunshine	38	43	46	56	62	67	70	68	64	58	43	33	54
Number of clear days	6	6	7	9	9	10	12	12	12	12	7	5	107
Hourly wind velocity, miles	11.8	11.8	12.3	11.8	10.4	9.4	8.7	8.6	9.1	10.1	11.4	11.3	10.6
OKLAHOMA, OKLAHOMA CITY													
Temperature:													
Monthly mean	36.4	39.6	50.0	59.8	67.7	76.0	80.6	79.7	72.8	61.5	48.8	39.3	59.4
Daily mean maximum	47.3	50.9	61.2	70.8	77.6	86.9	91.3	91.5	84.8	73.2	60.3	48.9	70.4
Daily mean minimum	27.6	29.5	38.5	49.1	57.8	66.8	70.4	69.6	63.1	51.0	39.2	29.8	49.4
Highest on record	83	90	97	96	98	106	107	108	103	97	86	79	108
Lowest on record	−11	−17	4	22	33	46	55	49	35	16	9	−2	−17
Precipitation:													
Total, inches	1.19	1.11	1.98	3.29	4.88	3.67	2.86	2.89	3.05	2.86	1.87	1.50	31.15
Days with 0.01 inch or more	6	5	7	8	10	8	6	7	7	6	6	6	82
Total snowfall, inches	2.4	1.9	1.2	(1)	0	0	0	0	0	(1)	0.3	1.7	7.5
Percentage of possible sunshine	57	59	61	63	65	73	77	77	73	67	63	59	66
Number of clear days	13	12	13	12	11	14	16	17	16	17	15	14	170
Hourly wind velocity, miles	11.7	12.7	14.0	13.7	12.2	11.0	9.7	9.2	10.3	10.8	11.6	11.6	11.5
OREGON, PORTLAND													
Temperature:													
Monthly mean	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
Daily mean maximum	44.2	48.4	54.9	61.2	66.9	72.0	78.2	77.9	71.5	62.6	52.3	46.1	61.4
Daily mean minimum	34.3	36.4	39.9	43.2	48.0	52.7	56.3	56.2	52.1	47.0	40.8	36.7	45.3
Highest on record	64	68	83	93	99	101	104	102	97	86	73	65	104
Lowest on record	−2	7	20	28	32	39	43	43	35	30	11	3	−2
Precipitation:													
Total, inches	6.60	5.36	3.91	2.87	2.19	1.52	0.61	0.64	1.98	3.12	6.10	6.72	41.62
Days with 0.01 inch or more	20	17	17	15	13	10	3	4	8	12	17	19	155
Total snowfall, inches	5.9	3.2	0.6	(1)	(1)	0	0	0	0	0	0.5	3.3	13.5
Percentage of possible sunshine	25	33	40	49	51	56	71	67	53	43	27	23	45
Number of clear days	4	4	5	6	7	8	16	16	11	7	4	4	92
Hourly wind velocity, miles	7.4	7.5	7.4	7.1	6.9	6.8	6.9	6.4	6.4	6.2	7.0	7.5	7.0
PENNSYLVANIA, PITTSBURGH													
Temperature:													
Monthly mean	30.7	32.3	39.6	51.2	62.4	70.7	74.6	72.9	66.4	55.7	43.2	34.2	52.8
Daily mean maximum	38.9	39.7	48.6	60.6	72.1	80.2	84.2	82.0	76.5	64.4	50.7	41.1	61.6
Daily mean minimum	23.8	23.6	31.2	41.2	51.9	60.6	64.8	62.9	57.3	45.8	35.8	27.3	43.8
Highest on record	75	77	84	90	95	98	103	103	102	91	79	73	103
Lowest on record	−12	−20	1	11	27	39	49	45	35	20	1	−9	−20
Precipitation:													
Total, inches	3.05	2.62	3.03	2.92	3.21	3.81	4.05	3.23	2.58	2.52	2.29	2.86	36.17
Days with 0.01 inch or more	15	14	15	13	13	12	12	10	10	10	12	14	150
Total snowfall, inches	8.5	7.6	5.8	2.0	(1)	0	0	0	0	0.2	1.8	6.3	32.2
Percentage of possible sunshine	32	37	45	50	58	64	65	62	62	55	40	29	50
Number of clear days	4	4	6	7	9	8	9	10	10	10	6	4	87
Hourly wind velocity, miles	11.8	11.8	12.2	11.5	10.2	9.4	8.8	8.6	8.9	9.8	11.2	11.5	10.5
RHODE ISLAND, PROVIDENCE													
Temperature:													
Monthly mean	29.8	28.1	37.0	46.9	57.6	66.3	72.0	69.9	63.6	53.5	42.6	32.3	50.0
Daily mean maximum	37.5	36.0	45.2	55.8	67.0	75.7	81.0	78.7	72.5	62.3	50.1	39.4	58.4
Daily mean minimum	22.0	20.1	28.9	37.9	48.2	56.8	63.0	61.1	54.8	44.7	35.0	25.3	41.5
Highest on record	68	69	84	88	94	96	100	97	95	87	75	68	100
Lowest on record	−9	−17	4	11	32	41	50	46	33	27	9	−12	−17
Precipitation:													
Total, inches	3.34	2.94	3.22	3.28	2.92	2.95	3.26	3.56	3.27	2.83	2.82	3.24	37.63
Days with 0.01 inch or more	12	11	12	11	12	10	10	10	9	9	10	11	127
Total snowfall, inches	8.3	10.3	5.5	1.4	(1)	0	0	0	0	(1)	0.7	5.4	31.6
Percentage of possible sunshine	50	57	60	60	61	64	64	63	60	61	53	50	59
Number of clear days	10	11	12	10	11	11	11	12	12	14	11	11	136
Hourly wind velocity, miles [4]	12.8	12.9	13.5	12.9	11.5	10.7	9.8	9.5	10.2	11.4	12.0	12.5	11.6

[1] Trace.

[4] For the period 1914–1934, inclusive.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
SOUTH CAROLINA, CHARLESTON													
Temperature:													
Monthly mean	49.9	52.4	57.4	64.5	72.7	78.9	81.4	81.0	76.6	67.8	58.1	51.7	66.0
Daily mean maximum	58.2	59.7	65.4	72.1	79.7	85.4	88.0	87.2	83.1	74.7	66.0	59.4	73.2
Daily mean minimum	43.0	44.6	50.0	57.1	65.8	72.3	75.1	74.6	70.9	60.8	50.7	44.3	59.1
Highest on record	80	82	94	93	98	101	104	102	100	95	88	81	104
Lowest on record	10	7	24	32	45	49	61	62	49	37	23	12	7
Precipitation:													
Total, inches	3.02	2.98	3.02	2.53	3.00	4.59	6.89	6.53	4.53	3.27	2.14	2.72	45.22
Days with 0.01 inch or more	10	9	9	7	8	11	13	13	10	7	7	9	113
Total snowfall, inches	0.1	0.2	(1)	0	0	0	0	0	0	0	0	0.1	0.4
Percentage of possible sunshine	58	59	65	72	72	69	65	65	68	68	68	55	65
Number of clear days	10	10	12	13	12	8	8	8	10	14	13	11	129
Hourly wind velocity, miles	10.4	11.1	11.6	11.4	10.8	10.2	9.6	9.2	10.3	11.0	10.0	10.3	10.5
SOUTH DAKOTA, HURON													
Temperature:													
Monthly mean	11.3	14.3	28.9	45.1	56.4	66.2	71.8	69.4	61.3	47.7	31.5	18.7	43.6
Daily mean maximum	23.2	26.5	40.4	58.2	68.9	78.8	84.7	82.9	74.2	60.7	42.7	29.0	55.8
Daily mean minimum	2.0	5.3	19.3	34.1	44.6	55.3	59.9	57.5	48.1	35.5	20.9	8.9	32.6
Highest on record	64	70	85	94	106	108	111	110	106	94	79	65	111
Lowest on record	−43	−37	−25	5	20	31	41	33	18	−6	−28	−34	−43
Precipitation:													
Total, inches	0.56	0.54	0.91	2.24	2.98	3.79	3.16	2.46	1.57	1.28	0.59	0.57	20.65
Days with 0.01 inch or more	7	6	8	9	11	11	9	9	7	6	5	6	94
Total snowfall, inches	5.7	4.7	5.7	1.4	0.1	0	0	0	(1)	0.6	3.2	5.0	26.4
Percentage of possible sunshine	57	64	63	64	66	69	75	71	64	60	53	50	63
Number of clear days	11	11	9	11	11	11	14	14	13	13	11	11	140
Hourly wind velocity, miles	10.7	10.9	11.8	12.8	11.9	10.6	9.7	9.0	10.8	10.9	10.6	10.1	10.8
TENNESSEE, NASHVILLE													
Temperature:													
Monthly mean	38.6	41.6	49.2	59.0	68.2	75.6	79.1	77.8	71.8	61.0	49.0	41.0	59.3
Daily mean maximum	47.5	50.2	58.8	69.0	78.0	85.6	88.7	87.5	82.2	71.4	58.3	49.3	68.9
Daily mean minimum	31.2	32.9	40.2	49.6	58.3	66.7	70.1	68.5	62.2	50.3	40.0	33.3	50.3
Highest on record	78	79	89	90	96	100	106	105	104	92	81	75	106
Lowest on record	−10	−13	3	25	36	42	54	51	38	26	8	−2	−13
Precipitation:													
Total, inches	4.76	4.18	5.11	4.13	3.87	4.00	3.88	3.71	3.42	2.49	3.50	4.20	47.20
Days with 0.01 inch or more	12	11	12	11	10	11	11	9	8	7	9	11	122
Total snowfall, inches	2.3	2.8	1.4	0.1	(1)	0	0	0	0	(1)	0.2	1.4	8.2
Percentage of possible sunshine	44	48	53	60	66	69	71	69	68	65	55	42	59
Number of clear days	8	7	9	9	10	9	10	12	13	15	11	8	121
Hourly wind velocity, miles	10.1	10.4	11.0	10.6	9.1	8.0	7.5	7.2	7.7	8.5	9.4	9.8	9.1
TEXAS, FORT WORTH													
Temperature:													
Monthly mean	45.4	48.3	57.7	65.0	72.3	79.9	83.6	83.0	76.9	66.7	55.5	47.5	65.2
Daily mean maximum	56.8	59.4	68.4	75.3	82.0	90.7	93.8	94.2	88.0	78.2	67.0	57.0	75.9
Daily mean minimum	36.3	38.1	46.4	54.4	62.6	70.6	73.8	73.8	67.7	56.7	46.5	37.4	55.4
Highest on record	93	96	100	100	107	107	109	112	104	99	87	83	112
Lowest on record	−1	−8	15	30	34	48	56	55	40	24	20	7	−8
Precipitation:													
Total, inches	2.05	1.76	2.32	4.02	4.65	3.35	2.61	2.62	2.49	2.81	2.58	1.87	33.13
Days with 0.01 inch or more	6	7	7	7	9	6	5	5	5	6	6	6	75
Total snowfall, inches	0.8	0.6	0.3	(1)	0	0	0	0	0	(1)	0.1	0.6	2.4
Percentage of possible sunshine	60	60	68	69	71	79	81	81	77	73	66	61	70
Number of clear days	12	11	13	11	11	13	14	15	16	16	14	13	159
Hourly wind velocity, miles	10.3	10.7	11.6	11.5	10.6	10.4	9.6	9.2	9.2	9.3	9.8	9.9	10.2
TEXAS, GALVESTON													
Temperature:													
Monthly mean	53.8	56.3	62.4	68.7	74.8	80.7	83.4	83.0	80.1	72.7	63.3	56.4	69.6
Daily mean maximum	59.5	61.9	67.3	73.7	80.0	85.7	87.8	87.9	84.8	77.8	68.6	61.9	74.7
Daily mean minimum	48.6	51.1	57.1	64.4	71.0	76.8	78.6	78.5	75.4	67.9	58.2	51.0	64.9
Highest on record	76	83	85	86	93	99	101	100	96	91	85	80	101
Lowest on record	11	8	30	41	52	57	66	67	54	41	26	18	8
Precipitation:													
Total, inches	3.41	2.83	2.68	3.06	3.42	4.37	3.71	4.28	5.57	4.36	3.33	3.75	44.77
Days with 0.01 inch or more	10	9	8	7	6	7	9	9	9	7	8	10	99
Total snowfall, inches	(1)	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)
Percentage of possible sunshine	51	52	56	63	69	77	73	71	70	73	62	50	64
Number of clear days	10	9	10	11	12	15	14	15	15	18	13	10	152
Hourly wind velocity, miles	11.2	11.4	11.5	11.7	11.1	10.3	9.4	9.1	9.9	10.2	10.8	11.1	10.6

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
TEXAS, SAN ANTONIO													
Temperature:													
Monthly mean	52.3	55.4	62.8	69.1	75.1	81.0	83.8	83.5	79.0	70.5	60.3	53.7	68.9
Daily mean maximum	62.9	66.2	73.2	79.7	85.2	91.3	94.0	94.6	89.4	81.6	71.2	63.5	79.4
Daily mean minimum	42.9	45.4	51.7	58.9	65.3	71.1	73.2	73.2	69.4	60.2	51.3	44.4	58.9
Highest on record	87	91	97	100	103	105	106	107	103	98	89	86	107
Lowest on record	6	4	21	35	44	48	60	57	46	32	22	15	4
Precipitation:													
Total, inches	1.46	1.65	1.84	3.19	3.20	2.46	2.17	2.42	3.05	2.23	1.90	1.61	27.18
Days with 0.01 inch or more	8	7	7	7	8	6	6	5	7	6	7	8	82
Total snowfall, inches	0.2	0.1	(1)	0	0	0	0	0	0	0	(1)	0.2	0.5
Percentage of possible sunshine	50	52	58	58	62	71	73	75	69	66	54	48	61
Number of clear days	11	10	11	9	9	12	14	14	12	15	12	12	141
Hourly wind velocity, miles	8.0	8.6	9.2	8.9	8.4	7.9	7.5	6.9	7.1	7.2	7.7	7.8	7.9
UTAH, SALT LAKE CITY													
Temperature:													
Monthly mean	29.2	33.8	41.7	49.6	57.4	67.4	75.7	74.5	64.4	52.5	41.1	31.9	51.6
Daily mean maximum	36.5	41.3	50.6	59.8	68.8	79.6	88.5	86.6	76.2	63.0	49.6	38.7	61.6
Daily mean minimum	21.8	26.2	32.9	40.0	47.4	55.9	64.1	62.8	52.8	42.3	32.4	24.6	41.9
Highest on record	60	68	77	85	93	101	105	101	97	88	74	62	105
Lowest on record	−20	−13	0	18	25	32	43	42	29	22	−2	−10	−20
Precipitation:													
Total, inches	1.31	1.51	1.98	2.05	1.92	0.80	0.51	0.85	0.98	1.44	1.35	1.43	16.13
Days with 0.01 inch or more	10	10	10	9	8	5	4	6	5	6	7	10	90
Total snowfall, inches	11.7	10.4	10.0	3.5	0.3	(1)	0	0	(1)	1.0	5.5	11.6	54.0
Percentage of possible sunshine	45	49	57	64	68	78	79	76	76	69	58	45	64
Number of clear days	8	7	10	10	12	17	18	17	18	16	12	8	153
Hourly wind velocity, miles	6.7	7.1	8.0	8.7	8.7	8.6	8.2	7.9	8.1	7.5	6.8	6.5	7.7
VERMONT, NORTHFIELD													
Temperature:													
Monthly mean	15.2	16.4	26.4	40.3	52.8	61.3	65.9	63.4	56.1	45.5	32.8	20.4	41.4
Daily mean maximum	26.6	26.8	36.1	50.4	64.2	72.9	77.6	74.6	67.9	54.6	41.8	29.8	51.9
Daily mean minimum	5.2	4.9	16.8	29.2	40.2	49.5	53.6	51.0	44.4	34.5	24.6	11.1	30.4
Highest on record	63	61	75	85	93	96	98	95	92	85	72	65	98
Lowest on record	−33	−35	−22	−1	18	28	34	31	20	9	−14	−41	−41
Precipitation:													
Total, inches	2.35	2.25	2.56	2.28	2.75	3.19	3.58	3.53	3.07	2.86	2.93	2.49	33.84
Days with 0.01 inch or more	14	11	13	12	13	13	14	12	12	13	13	13	153
Total snowfall, inches	17.4	19.1	15.5	6.3	0.3	0	0	0	(1)	1.5	8.8	14.2	83.1
Percentage of possible sunshine	37	47	50	49	52	58	58	50	49	42	29	30	46
Number of clear days	5	6	7	6	6	6	5	6	7	6	4	4	68
Hourly wind velocity, miles	8.2	8.4	9.0	8.9	8.3	7.2	6.6	6.3	6.8	7.6	8.2	7.7	7.8
VIRGINIA, RICHMOND													
Temperature:													
Monthly mean	37.9	39.6	47.2	56.6	66.5	74.1	78.5	76.5	70.5	59.6	48.3	39.8	57.9
Daily mean maximum	48.2	48.4	58.1	67.2	76.9	83.6	87.7	85.5	80.7	70.2	58.6	48.7	67.8
Daily mean minimum	30.2	29.8	37.6	45.6	55.5	63.8	68.4	67.0	61.4	49.3	38.7	31.3	48.2
Highest on record	78	82	94	96	96	100	103	107	101	94	82	77	107
Lowest on record	−1	−3	14	19	35	45	52	49	41	28	14	−2	−3
Precipitation:													
Total, inches	3.21	3.17	3.68	3.49	3.79	3.90	4.73	4.42	3.25	2.88	2.21	3.29	42.02
Days with 0.01 inch or more	10	10	11	10	12	11	11	11	11	7	7	10	121
Total snowfall, inches	3.4	3.8	2.3	0.4	0	0	0	0	0	(1)	0.3	2.7	12.9
Percentage of possible sunshine	50	56	59	63	67	66	67	62	65	65	58	49	61
Number of clear days	10	11	11	12	12	11	11	10	12	15	13	11	139
Hourly wind velocity, miles	8.1	8.3	9.1	8.6	7.3	6.5	6.4	6.0	6.1	6.8	7.3	7.4	7.3
WASHINGTON, SEATTLE													
Temperature:													
Monthly mean	39.5	41.1	44.9	49.4	54.5	59.0	63.1	63.1	58.1	51.4	45.6	41.7	51.0
Daily mean maximum	44.4	47.2	51.7	57.5	62.9	68.0	73.0	72.7	66.3	58.3	50.8	46.1	58.2
Daily mean minimum	35.7	36.6	39.0	42.2	47.0	51.4	54.6	54.9	51.4	46.6	41.4	37.6	44.9
Highest on record	67	67	81	85	92	98	95	92	90	82	68	62	98
Lowest on record	3	4	20	30	36	40	46	46	36	29	15	12	3

[1] Trace.

No. 144.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
WASHINGTON, SEATTLE—con.													
Precipitation:													
Total, inches	4.94	3.89	3.05	2.38	1.87	1.33	0.63	0.70	1.77	2.84	5.03	5.60	34.03
Days with 0.01 inch or more	19	16	16	13	12	9	4	4	9	13	17	19	151
Total snowfall, inches	4.9	3.9	1.0	0.2	(1)	0	0	0	0	(1)	0.9	1.8	12.7
Percentage of possible sunshine	24	36	44	52	52	55	65	60	49	34	22	21	43
Number of clear days	3	4	5	6	6	7	13	13	9	5	2	3	76
Hourly wind velocity, miles [2]	12.3	9.5	9.4	7.9	9.3	8.4	8.3	6.8	9.0	9.1	9.2	12.2	9.3
WEST VIRGINIA, PARKERSBURG													
Temperature:													
Monthly mean	32.5	34.2	42.8	53.4	63.8	71.4	75.4	73.9	67.3	56.1	43.8	35.2	54.2
Daily mean maximum	41.7	42.1	52.5	63.8	74.2	82.2	85.7	83.9	78.9	66.7	53.3	43.3	64.0
Daily mean minimum	25.5	25.3	33.5	42.7	52.6	61.2	64.8	63.3	57.3	45.0	35.5	27.8	44.5
Highest on record	74	77	89	93	96	99	104	106	99	91	82	72	106
Lowest on record	−12	−27	4	15	31	41	48	45	33	20	4	−10	−27
Precipitation:													
Total, inches	3.58	3.13	3.49	3.19	3.38	4.00	4.29	3.51	2.76	2.48	2.57	3.03	39.41
Days with 0.01 inch or more	15	13	14	13	12	13	12	10	9	9	11	13	144
Total snowfall, inches	6.5	6.7	4.4	1.0	(1)	0	0	0	0	0.9	1.2	4.5	25.2
Percentage of possible sunshine	30	37	41	49	54	59	61	58	57	50	34	27	46
Number of clear days	6	7	8	10	11	11	13	12	13	12	7	6	116
Hourly wind velocity, miles	6.5	7.0	7.2	6.7	5.2	4.6	4.4	4.1	4.2	4.9	6.0	6.1	5.6
WISCONSIN, GREEN BAY													
Temperature:													
Monthly mean	15.7	17.4	28.6	43.2	54.9	64.9	70.0	67.7	60.4	48.5	34.0	22.3	44.0
Daily mean maximum	24.0	25.6	36.7	51.9	64.5	75.4	80.4	77.3	70.0	56.8	41.3	28.9	52.7
Daily mean minimum	8.8	9.5	21.2	34.4	45.4	55.7	60.3	58.0	51.6	40.5	28.0	15.8	35.8
Highest on record	51	60	82	85	91	100	101	98	97	84	71	54	101
Lowest on record	−36	−33	−23	11	22	34	43	38	25	8	−12	−21	−36
Precipitation:													
Total, inches	1.54	1.56	2.04	2.65	3.52	3.70	3.46	3.18	3.52	2.54	2.16	1.71	31.58
Days with 0.01 inch or more	10	9	10	11	12	11	10	9	10	9	9	10	120
Total snowfall, inches	12.1	11.2	9.7	3.2	0.2	0	0	0	0	0.8	4.8	9.3	51.3
Percentage of possible sunshine	45	53	56	58	60	67	71	67	59	52	40	41	56
Number of clear days	7	7	7	7	7	7	8	8	8	7	5	6	84
Hourly wind velocity, miles	10.4	10.6	11.1	11.2	10.7	9.4	8.8	8.7	9.6	10.2	10.7	10.5	10.2
WYOMING, LANDER													
Temperature:													
Monthly mean	18.3	22.5	32.4	42.4	51.2	60.5	67.4	65.5	55.7	43.5	30.3	20.4	42.5
Daily mean maximum	32.2	35.8	44.9	55.1	64.6	76.0	84.0	82.2	71.7	58.7	44.4	32.0	56.8
Daily mean minimum	5.7	9.4	19.4	29.5	38.3	45.8	51.8	49.3	40.5	29.9	17.8	6.7	28.7
Highest on record	64	68	71	82	88	96	100	96	90	83	72	62	100
Lowest on record	−39	−38	−24	−3	13	26	32	23	7	−14	−31	−40	−40
Precipitation:													
Total, inches	0.56	0.63	1.19	2.06	2.26	1.15	0.69	0.53	0.92	1.36	0.60	0.68	12.63
Days with 0.01 inch or more	4	5	7	8	9	6	6	5	5	5	3	4	67
Total snowfall, inches	5.0	8.3	11.8	14.0	4.9	0.4	0	0	1.9	8.6	7.0	7.6	69.5
Percentage of possible sunshine	66	70	71	65	65	74	75	75	71	65	59	61	68
Number of clear days	12	11	10	9	9	12	13	14	15	14	11	13	143
Hourly wind velocity, miles	3.9	3.9	5.2	5.5	5.5	5.2	4.7	4.5	4.6	4.0	3.9	3.5	4.5

[1] Trace.
[2] Adjusted to elevation of 349 feet, 2-year record.

Source: The Division of Climate and Crop Weather, Weather Bureau, Department of Agriculture.

8. ARMY, NAVY, CIVIL SERVICE, PENSIONS, VETERANS' ADMINISTRATION ACTIVITIES, ELECTIONS, ETC.

No. 145.—ARMY OF THE UNITED STATES: STRENGTH OF COMPONENT PARTS

NOTE.—Prior to 1914, table covers quinquennial years and years in which considerable changes occurred in the number of Regular Army. Figures for Officers' Reserve Corps include Regular Army enlisted men and also, prior to 1924, National Guard officers holding commissions in the reserve. There is, therefore, some duplication in the grand totals, but the number of this personnel is not so great as to make a material difference in the figures

June 30—	Grand total	Regular Army [1]			National Guard [2]			Reserve forces		
		Total	Officers	Enlisted men	Total	Officers	Enlisted men	Total	Officers	Enlisted men
1890	136,624	27,089	2,168	24,921	109,535	8,555	100,980			
1895	140,051	27,172	2,154	25,018	112,879	9,227	103,652			
1900	223,366	68,155	2,486	65,669	122,213	8,246	113,967	[3] 32,998	[3] 1,531	[3] 31,467
1901	200,696	81,586	2,940	78,646	115,749	8,751	106,998	[3] 3,361	[3] 350	[3] 3,011
1902	185,805	75,584	3,731	71,853	110,221	([4])	([4])			
1905	178,269	66,956	3,934	63,022	111,313	8,680	102,633			
1908	187,369	76,428	3,966	72,462	110,941	8,583	102,358			
1909	203,385	84,459	4,208	80,251	118,926	8,975	109,951			
1910	200,378	80,718	4,439	76,279	119,660	9,155	110,505			
1912	213,313	91,461	4,650	86,811	121,852	9,142	112,710			
1914	225,819	97,760	4,883	92,877	128,043	8,792	119,251	[5] 16		[5] 16
1915	235,410	105,993	4,798	101,195	129,398	8,705	120,693	[5] 19		[5] 19
1916	244,483	107,641	5,025	102,616	132,194	8,589	123,605	[5] 4,648		[5] 4,648
1917	629,863	250,357	6,332	244,025	[6] 314,581	[7] 11,000	303,581	64,925	[3] 21,543	[9] 43,382
1918	2,246,103	741,084	10,518	730,566	[6] 445,678	[7] 12,000	[7] 433,678	1,059,341	[10] 135,380	[11] 923,961
1918 (Nov. 11)	3,673,888	[12] 3,673,888	[12] 188,434	[12] 3,485,454						
1919	931,422	836,882	[13] 78,003	758,879	37,210	1,198	36,012	57,330	[3] 45,573	[5] 11,757
1920	363,540	200,367	[13] 15,519	184,848	56,090	2,073	54,017	107,083	[3] 68,232	[5] 38,851
1921	407,920	227,374	[13] 14,124	213,250	113,640	5,843	107,797	66,906	[3] 66,905	[14] 1
1922	373,597	146,069	[13] 14,075	131,994	159,658	8,744	150,914	67,870	[3] 67,390	[14] 480
1923	370,042	130,964	[13] 12,682	118,282	160,598	9,675	150,923	78,480	[3] 76,923	[14] 1,557
1924	397,794	140,644	[13] 12,501	128,143	177,423	[15] 10,990	166,432	79,722	[3] 76,322	[14] 3,400
1925	406,162	134,624	[13] 12,909	121,715	177,525	[15] 11,595	165,930	94,013	[3] 88,898	[14] 5,115
1926	410,902	133,033	[13] 13,105	119,928	174,969	[15] 11,435	163,534	102,900	[3] 97,125	[14] 5,775
1927	421,519	133,079	[13] 13,175	119,904	181,142	[15] 12,192	168,950	107,298	[3] 101,563	[14] 5,735
1928	426,075	134,331	[13] 13,174	121,157	181,221	[15] 12,428	168,793	110,523	[3] 105,059	[14] 5,464
1929	421,466	137,360	[13] 13,168	124,192	176,988	[15] 12,535	164,453	107,118	[3] 101,926	[14] 5,192
1930	420,825	137,472	[13] 13,105	124,277	182,715	[15] 12,930	169,785	106,638	[3] 101,917	[14] 4,721
1931	439,081	138,648	[13] 13,205	125,443	187,386	[15] 13,240	174,137	113,047	[3] 108,210	[14] 4,837
1932	440,162	133,042	[13] 13,153	119,889	187,412	[15] 13,549	173,863	119,708	[3] 114,836	[14] 4,872
1933	445,449	135,011	[13] 13,223	121,788	185,925	[15] 13,569	172,356	124,513	[3] 119,485	[14] 5,028
1934	440,764	136,970	[13] 13,147	123,823	184,791	[15] 13,607	171,284	119,003	[3] 114,357	[14] 4,646

[1] Includes Philippine Scouts beginning with 1902. Figures for 1919 to 1926, inclusive, include in most cases World War emergency personnel still in service. All emergency enlisted men still in service were discharged on July 2, 1921. On Nov. 11, 1926, the last emergency officer was discharged, thereby completing the demobilization of the World War Army. Retired personnel on active duty are not included.

[2] State militia prior to act of June 3, 1916.

[3] U. S. Volunteers.

[4] Figures on officers and enlisted men not available.

[5] Regular Army Reserve. The Regular Army Reserve was abolished by act of June 4, 1920.

[6] Includes National Guard personnel in Federal service.

[7] Estimate.

[8] Officers' Reserve Corps. Beginning with 1924, figures do not include individuals who hold commissions also in the National Guard.

[9] Includes Regular Army Reserve, 8,382; Enlisted Reserve Corps, 35,000 (estimate).

[10] Includes Officers' Reserve Corps, 86,262; National Army, 49,118 (estimate).

[11] Estimated enlisted strength of the National Army. Practically all members of the Regular Army Reserve and the Enlisted Reserve Corps had, by this date, been assigned to duty with Regular Army, National Guard, and National Army organizations.

[12] Estimates only. Under orders of the Secretary of War all components had been merged into one army known as "The United States Army."

[13] Beginning with 1919, figures for commissioned officers include warrant officers in the following numbers: 1919, 37; 1920, 68; 1921, 1,159; 1922, 1,151; 1923, 1,085; 1924, 1,063; 1925, 1,028; 1926, 1,325; 1927, 1,262; 1928, 1,208; 1929, 1,138; 1930, 1,089; 1931, 1,028; 1932, 973; 1933, 926; 1934, 869.

[14] Enlisted Reserve Corps.

[15] Beginning with 1924, figures for commissioned officers include warrant officers in the following numbers: 1924, 87; 1925, 160; 1926, 162; 1927, 182; 1928, 184; 1929, 188; 1930, 198; 1931, 198; 1932, 204; 1933, 205; 1934, 198.

Source: Reports of the War Department.

No. 146.—NATIONAL GUARD: ORGANIZED STRENGTH, JUNE 30, 1934

State or Territory	Officers [1]	Enlisted men	State or Territory	Officers [1]	Enlisted men	State or Territory	Officers [1]	Enlisted men
Total	13,507	171,284	Kentucky	219	2,603	Ohio	648	7,956
			Louisiana	142	1,836	Oklahoma	400	4,814
Alabama	216	2,550	Maine	182	2,298	Oregon	210	2,843
Arizona	82	1,137	Maryland	258	3,231	Pennsylvania	853	11,007
Arkansas	156	2,040	Massachusetts	674	8,702	Puerto Rico	90	1,410
California	462	5,992	Michigan	347	4,205	Rhode Island	165	1,828
Colorado	152	1,672	Minnesota	357	4,679	South Carolina	154	2,091
Connecticut	327	4,004	Mississippi	161	2,079	South Dakota	104	1,227
Delaware	56	763	Missouri	324	4,133	Tennessee	207	2,302
Dist. of Col.	69	946	Montana	73	1,096	Texas	607	7,502
Florida	177	2,209	Nebraska	123	1,623	Utah	133	1,282
Georgia	257	3,350	Nevada	8	127	Vermont	86	1,109
Hawaii	104	1,534	New Hampshire	74	978	Virginia	271	3,547
Idaho	114	1,192	New Jersey	361	4,510	Washington	209	2,485
Illinois	660	8,780	New Mexico	77	919	West Virginia	125	1,824
Indiana	352	4,460	New York	1,419	18,692	Wisconsin	349	4,424
Iowa	270	3,395	North Carolina	261	3,214	Wyoming	53	580
Kansas	250	2,859	North Dakota	79	1,095			

[1] Includes 198 warrant officers.

No. 147.—NAVY, MARINE CORPS, NAVAL RESERVE, AND MARINE CORPS RESERVE: ORGANIZED STRENGTH, JUNE 30

Year	Navy		Naval Reserve [1]		Marine Corps		Marine Corps Reserve	
	Officers	Enlisted men	Officers	Enlisted men	Officers	Enlisted men	Officers	Enlisted men
1905	2,252	30,804	465	4,475	273	6,932		
1910	2,921	45,076	540	5,961	334	9,152		
1915	3,780	52,561	606	7,706	344	9,968		
1917	4,253	100,539	[2] 4,166	46,070	500	24,772	373	4,073
1918	7,974	208,671	[2] 15,486	217,136	1,283	45,348	210	5,188
1919	10,488	169,575	[2] 32,137	80,705	1,997	43,921	725	6,145
1920	9,171	107,601	[2] 28,482	1,349	1,106	16,061	564	4,750
1921	8,625	119,205	[2] 19,734	(3)	1,087	21,908	545	4,180
1922	7,831	88,580	[4] 5,340	[4] 13,400	1,142	20,008	446	1,110
1923	7,873	82,355	4,222	16,098	1,140	18,533	136	443
1924	8,126	87,327	3,975	21,015	1,157	19,176	137	501
1925	8,389	84,289	3,818	24,457	1,168	18,310	150	483
1926	8,574	82,161	3,736	25,654	1,178	17,956	250	2,647
1927	8,904	83,566	3,771	26,293	1,200	18,000	378	5,685
1928	8,856	84,276	4,091	27,072	1,198	17,822	413	8,366
1929	8,905	85,284	6,078	28,821	1,182	17,615	445	9,119
1930	8,985	84,872	7,002	31,777	1,212	18,172	488	10,265
1931	9,260	80,863	7,549	34,586	1,194	17,586	536	9,425
1932	9,423	81,093	7,869	34,802	1,196	15,355	557	8,437
1933	9,449	79,206	7,978	32,989	1,192	14,876	642	8,742
1934	9,582	80,312	8,557	32,309	1,187	15,174	645	7,576

[1] Naval Militia prior to 1917. [2] Enrolled. [3] No figures available. [4] Approximate.

No. 148.—VESSELS OF THE U. S. NAVY FIT FOR SERVICE (INCLUDING THOSE UNDER REPAIR): NUMBER AND DISPLACEMENT

Date	Total		Fighting ships		Nonfighting ships	
	Number	Displacement	Number	Displacement	Number	Displacement
June 30:		*Tons*		*Tons*		*Tons*
1906	276	692,592	200	518,115	76	174,477
1910	308	1,075,407	220	828,695	88	246,712
1915	343	1,352,135	230	913,334	113	438,801
1920	795	2,111,457	618	1,369,880	177	741,577
1925	754	2,274,376	567	1,269,791	187	1,004,585
1930	685	2,228,617	551	1,305,744	134	922,873
1931	598	2,051,659	464	1,091,590	134	960,069
December 31:						
1931	589	2,010,819	455	1,068,890	134	941,929
1932	591	2,021,519	458	1,080,750	133	940,769
1933	595	2,010,249	467	1,097,930	128	912,319
1934	584	2,059,679	457	1,155,930	127	903,749

Sources: Table 146, War Department; Tables 147 and 148, Navy Department.

No. 149.—VESSELS OF THE U. S. NAVY FIT FOR SERVICE (INCLUDING THOSE UNDER REPAIR): NUMBER AND DISPLACEMENT, BY TYPES, DECEMBER 31, 1934

NOTE.—Displacements of combatant vessels are given as standard displacements (displacements arrived at in accordance with the terms of the London Treaty for the Limitation and Reduction of Naval Armament); of all other vessels, load displacements. Vessels under construction December 31, 1934, were as follows: 3 heavy cruisers (30,000 tons), 7 light cruisers (70,000 tons), 2 aircraft carriers (40,000 tons), 44 destroyers (69,500 tons), 10 submarines (13,200 tons), 2 gunboats (4,000 tons); total, 68 vessels (226,700 tons). In addition, there are 2 light cruisers, and 1 transport authorized but contracts not placed, exclusive of new construction authorized by Act of March 27, 1934

Class and type	In commission [1]		Out of commission		Class and type	In commission [1]		Out of commission	
	Number	Displacement	Number	Displacement		Number	Displacement	Number	Displacement
Grand total	346	1,456,514	238	603,185	Mine vessels—Con.				
					Mine sweepers	29	24,360	8	6,720
Battleships, total	15	455,400							
Not over age	12	375,300			Patrol vessels, total	37	13,770	23	7,425
Over age	3	80,100			Eagles	10	4,300	13	5,590
					Submarine chasers	14	1,050	9	675
Cruisers, total	25	212,925	1	7,350	Gunboats	3	3,680	1	1,160
Heavy cruisers—					River gunboats	8	3,120		
Not over age	15	142,425			Converted yachts	2	1,620		
Over age			1	7,350					
Light cruisers—					Auxiliaries, total [4]	63	427,935	33	384,445
not over age	10	70,500			Destroyer tenders	6	60,950	2	21,750
					Submarine tenders	5	40,500	1	9,000
Aircraft carriers	4	[2] 92,000			Aircraft tenders	1	11,500	1	19,250
Not over age	3	80,500			Repair ships	2	18,720	1	8,100
Over age	1	11,500			Store ships	2	21,100	2	25,200
					Colliers			3	57,640
Destroyers, total	101	116,150	114	119,840	Oilers	8	110,850	10	158,650
Not over age	2	2,710			Ammunition ships	1	10,600	1	10,600
Over age	99	113,440	114	119,840	Cargo ships	2	22,900	3	33,450
					Transports	2	20,700		
Submarines, total	54	52,740	30	17,280	Hospital ships	1	9,800	1	9,450
Not over age	41	42,090	1	800	Ocean-going tugs	20	18,355	12	10,235
Over age	12	7,940	29	[3] 16,480	Submarine rescue vessels	5	6,170	1	1,120
Mine laying—not over age	1	2,710			Miscellaneous	8	75,790		
Mine vessels, total	34	33,200	19	27,850	Unclassified	13	52,394	13	[5] 58,975
Mine layers	1	4,200	3	11,850					
Light mine layers—over age	4	4,640	8	9,280					

[1] Includes vessels in reserve commission and rotating reserve commission.
[2] Excludes weight allowance under Washington Treaty for providing against air and submarine attack.
[3] Includes *S-4*, which is in commission as a special experimental vessel without propulsive machinery.
[4] Does not include floating dry dock (ARD) type.
[5] Includes U. S. S. *Constitution* which is "in service but not in commission."

VETERANS' ADMINISTRATION

GENERAL NOTE.—Under an act approved July 3, 1930, all Government agencies charged with the administration of laws relating to the relief of and other benefits provided by law for former members of the military and naval forces were consolidated into one establishment, the Veterans' Administration. Benefits provided by the various acts of Congress include, in addition to pensions and compensation for veterans and dependents of deceased veterans, Government insurance, military and naval insurance, adjusted compensation, emergency officers' retirement pay for veterans of the World War, and hospital and domiciliary care for veterans of all wars.

In 1933, material changes were made in the laws governing the entitlement to benefits and the following basic principles were established: (1) To pay pensions or compensation and to furnish medical, hospital, and domiciliary care to veterans disabled, and to grant pensions or compensation to the dependents of veterans who died as a result of injury or disease incurred or aggravated in the military or naval service in time of war and in peace time, with the more liberal rates for war service. (2) To grant pensions to war veterans permanently and totally disabled and in need, and to furnish medical, hospital, and domiciliary care to permanently disabled war veterans including those suffering with tuberculosis or neuropsychiatric ailments who are without adequate means and unable to earn a living, and, except as to rates, to continue a preexisting provision for pensions to widows and children of deceased Spanish-American War veterans who have died, as a result of injury or disease not connected with the military or naval service.

United States Government life insurance is issued in any multiple of $500, not less than $1,000 or more than $10,000, upon the payment of premiums at a net peace-time rate, with no extra charge for administration or excess mortality due to the hazards of war. (For forms of insurance see table 155; for rates, table 143, Statistical Abstract 1932.) The policies carry the usual provisions common to policies issued by commercial companies, such as extended insurance, paid-up insurance, cash surrenders, and loans. Dividends are also paid from excess of interest earnings and savings in mortality.

The act of May 19, 1924, authorized the payment of adjusted compensation to all veterans of the World War, excluding officers above the grade of captain in the Army or Marine Corps or similar rank in the Navy and Coast Guard. The rate of adjusted compensation for service in excess of 60 days is $1.25 and $1 per day and the amount of credit is limited to $625 and $500 for overseas and home service, respectively. Veterans entitled to not more than $50 are paid in cash and others are given a 20-year endowment insurance policy for an amount that the adjusted-service credit increased by 25 percent would purchase at the age of veteran on the birthday nearest the date of the certificate, with interest at 4 percent compounded annually. An amendment authorized the Administration to make loans to veterans on adjusted-service certificates. Applications for adjusted compensation must have been filed on or before January 2, 1935.

No. 150.—NUMBER OF VETERANS AND DECEASED VETERANS WHOSE DEPENDENTS WERE RECEIVING PENSIONS, COMPENSATION, DISABILITY ALLOWANCE, OR EMERGENCY OFFICERS' RETIREMENT PAY, 1866 TO 1934

June 30 or year ended June 30—	Number on rolls			Disbursements (thous. of dollars)	June 30 or year ended June 30—	Number on rolls			Disbursements (thous. of dollars)
	Total	Living	Deceased			Total	Living	Deceased	
1866	126,722	55,652	71,070	15,450	1910	921,083	602,622	318,461	159,974
1870	198,686	87,521	111,165	29,351	1911	892,098	570,456	321,642	157,325
1875	234,821	122,989	111,832	29,270	1912	860,294	538,362	321,932	152,986
1880	250,802	145,410	105,392	56,689	1913	820,200	503,633	316,567	174,172
1885	345,125	247,146	97,979	65,172	1914	785,239	470,623	314,616	172,418
1890	537,944	415,654	122,290	106,094	1915	748,147	437,723	310,424	165,518
1891	676,160	536,821	139,339	117,313	1916	709,572	403,372	306,200	150,155
1892	876,068	703,242	172,826	139,394	1917	673,111	370,147	302,964	160,895
1893	966,012	759,706	206,306	156,907	1918	649,497	341,632	307,865	180,177
1894	969,544	754,382	215,162	139,987	1919	673,832	338,216	335,616	233,481
1895	970,524	751,456	219,068	139,812	1920	709,543	419,627	340,916	316,418
1896	970,678	748,514	222,164	138,221	1921	768,572	422,691	345,881	380,026
1897	976,014	747,492	228,522	139,950	1922	772,379	430,942	341,437	377,158
1898	993,714	758,511	235,208	144,652	1923	778,180	436,776	341,404	388,607
1899	991,519	754,104	237,415	138,355	1924	762,547	427,153	335,394	345,490
1900	993,529	752,510	241,019	138,462	1925	790,139	456,530	333,609	340,748
1901	997,735	748,649	249,086	138,531	1926	807,088	472,623	334,465	372,281
1902	999,446	739,443	260,003	137,504	1927	816,380	480,805	326,575	403,630
1903	996,545	729,356	267,189	137,760	1928	834,364	516,566	317,798	410,765
1904	994,762	720,921	273,841	141,094	1929	831,964	525,961	306,003	418,820
1905	998,441	717,761	280,680	141,143	1930	840,833	542,610	298,223	418,433
1906	985,971	701,483	284,488	139,000	1931	1,079,987	790,782	289,205	488,389
1907	967,371	680,479	286,892	138,155	1932	1,278,046	994,351	283,695	545,777
1908	951,687	658,581	293,106	153,093	1933	1,270,667	997,918	272,749	550,559
1909	946,194	633,035	313,159	161,974	1934	838,855	[1] 581,225	257,630	321,377

NUMBER ON ROLLS BY WARS [2]

June 30—	Total veterans, all wars and peace time			War with Mexico		Indian wars		Civil War		Spanish-American War	
	Total [3]	Living	Deceased	Living	Deceased	Living	Deceased	Living	Deceased	Living	Deceased
1920	769,543	419,627	349,916	148	2,423	3,745	2,483	243,629	290,100	23,144	7,288
1925	790,139	456,530	333,609	17	1,257	3,924	3,034	126,626	241,193	101,871	18,363
1928	834,364	516,566	317,798	4	845	5,287	3,604	74,972	197,934	165,075	26,195
1929	831,964	525,961	306,003	1	730	5,574	4,000	59,984	181,235	179,218	28,643
1930	840,833	542,610	298,223	------	630	5,454	4,191	49,018	167,674	186,811	30,919
1931	1,079,987	790,782	289,205	------	547	6,360	4,302	39,449	153,437	193,792	33,437
1932	1,278,046	994,351	283,695	------	478	5,102	4,453	31,090	130,924	197,073	36,302
1933	1,270,667	997,918	272,749	------	415	4,774	4,446	23,877	125,638	194,473	38,797
1934	838,855	[1] 581,225	257,630	------	351	4,370	4,606	18,455	112,577	165,231	35,022

June 30—	Peace time		World War							
			Living					Deceased		
	Living	Deceased	Total	Pensions	Compensation	Emergency officers' retirement pay	Disability allowance (nonservice)	Total	Pensions	Compensation
1920	14,477	4,554	134,484	76	134,408	------	------	42,997	52	42,945
1925	12,399	3,762	211,693	49	211,644	------	------	65,979	21	65,958
1928	13,665	3,555	257,583	47	257,536	------	------	85,651	17	85,634
1929	14,758	3,699	266,426	45	262,138	4,243	------	87,685	17	87,668
1930	15,661	3,830	285,666	44	279,539	6,083	------	90,969	15	90,954
1931	16,920	4,128	535,261	41	299,288	6,364	229,568	93,346	12	93,334
1932	18,391	4,571	742,695	38	328,658	6,415	407,584	97,460	12	97,448
1933	19,559	4,807	755,235	36	336,710	6,007	412,482	98,639	11	98,628
1934	29,484	5,838	363,685	------	332,216	1,566	29,903	99,229	------	99,229

[1] The reduction in this item from the prior fiscal year was due essentially to discontinuance of disability allowance (nonservice) except for veterans premanently and totally disabled.
[2] For disbursements by wars see table 151.
[3] Includes veterans of the War of 1812 whose dependents were receiving pensions (7 for 1934) not shown separately.

Source: Veterans' Administration

No. 151.—DISBURSEMENTS BY THE VETERANS' ADMINISTRATION AND PREDECESSOR ORGANIZATIONS: YEARS ENDED JUNE 30

NOTE.—Disbursements from the civil service retirement fund and the Canal Zone retirement fund, which were under the jurisdiction of the Veterans' Administration during the fiscal years 1931 to 1934, are not included. Administration of these funds was transferred to the Civil Service Commission Sept. 1, 1934. Disbursements from adjusted-service certificate fund represent payments on certificates matured by death of veterans and interest paid U. S. Government life insurance fund due to rate allowed in excess of amount charged veterans—act of July 21, 1932. They do not include loans. The total amount disbursed from insurance premiums, allotments deducted from pay of World War veterans while in service, etc., $1,016,920,000

	Total for relief of veterans	Pensions and compensation						
		Total [1]	Spanish-American War	Civil War	World War			
					Total	Death compensation [2]	Disability compensation [2]	Emergency officers' retirement pay	Disability allowance
To June 30, 1918	5,846,571	5,395,703	61,333	5,087,648	349	173	175		
1919	701,064	233,461	3,878	212,212	11,331	4,777	6,555		
1920	514,979	316,418	4,624	202,586	103,159	21,127	82,032		
1921	664,538	380,026	6,172	246,585	121,330	17,586	103,745		
1922	744,896	377,168	11,639	236,151	123,374	16,576	106,799		
1923	743,635	388,607	17,887	238,925	125,619	18,552	107,067		
1924	654,786	345,490	21,140	203,000	115,516	19,412	96,103		
1925	620,823	346,748	25,099	180,208	129,615	25,474	104,141		
1926	653,494	372,281	30,223	171,606	164,454	31,199	133,255		
1927	644,962	403,630	57,233	166,498	173,493	29,344	144,149		
1928	659,871	410,765	70,074	149,069	181,816	30,824	150,992		
1929	673,288	418,820	76,846	143,594	188,947	31,049	153,102	4,796	
1930	684,023	418,433	83,751	125,785	199,245	32,970	155,045	11,229	
1931	759,367	488,389	102,256	121,994	253,984	31,446	181,911	10,938	29,690
1932	841,437	545,800	113,758	107,866	313,280	36,719	189,550	11,553	75,458
1933	833,499	550,585	125,306	98,273	315,576	35,586	184,834	9,969	85,187
1934	545,838	321,395	55,614	69,815	184,198	32,786	139,446	2,181	9,785
Total to June 30, 1934	16,787,081	11,713,709	867,433	7,768,409	2,705,286	415,600	2,038,902	50,666	200,119

	Pensions and compensation—Continued		Military and naval insurance	United States Government life insurance	Adjusted-service certificate fund	Adjusted service and dependent pay	Hospital and domiciliary facilities and services, construction	Administration [4]	Allotments and allowances	All other [5]
	Other wars [3]	Peace time								
To June 30, 1918	199,832	46,540	840					315,222	108,240	26,566
1919	2,337	3,702	43,798					23,210	392,882	7,707
1920	2,444	3,604	85,926	68				23,852	53,569	35,107
1921	2,483	3,456	94,904	2,057				64,056	23,774	99,122
1922	2,592	3,401	102,989	6,085			917	86,466	4,982	166,300
1923	2,643	3,533	99,418	6,700			2,644	97,009	[6] 274	149,529
1924	2,513	3,321	101,240	7,482			9,215	84,382	13	106,966
1925	2,475	3,350	104,136	8,902	4,607	3,038	3,895	88,924	10	60,501
1926	2,342	3,656	136,975	9,882	15,355	5,626	4,511	83,065	[6] 21	25,819
1927	2,593	3,818	120,964	11,864	14,408	9,960	4,599	77,498	[6] 188	2,228
1928	4,510	4,096	120,771	17,664	17,098	10,153	5,222	78,020	[6] 61	238
1929	4,931	4,503	121,349	22,302	19,745	6,453	4,044	80,524	[6] 9	60
1930	4,956	4,697	122,769	24,677	20,131	3,130	8,241	86,593	2	45
1931	4,885	5,270	117,924	25,952	19,392	2,463	9,040	96,120	5	82
1932	4,906	5,967	123,741	28,737	23,216	2,480	12,876	104,591	9	[6] 12
1933	5,005	6,400	123,039	28,062	24,621	2,252	13,517	90,867	8	548
1934	3,918	7,833	103,268	26,073	23,413	1,895	2,769	66,620	3	401
Total to June 30, 1934	255,367	117,146	1,724,052	226,547	181,986	47,451	81,491	1,547,625	582,946	681,273

[1] Includes for 1932 to 1934 disbursements to participants in yellow fever experiments; 1932, $24,000; 1933, $26,000; 1934, $18,000; total to June 30, 1934, $67,000.

[2] Includes pension payments to a small number of veterans and dependents of veterans.

[3] Includes the following, with total expenditures to June 30, 1934, in parenthesis: War of the Revolution, ($70,000,000), War of 1812, ($46,211,000); Indian Wars, ($82,020,000); War with Mexico, ($60,623,000); unclassified $16,513,000.

[4] Includes salaries and expenses, increase of compensation, printing and binding, administrative expenses, adjusted compensation, medicinal and hospital services, and State and territorial homes, including expenditures under these items by the former Bureau of Pensions and Bureau of National Homes.

[5] Includes $644,918,000 expenditures for vocational rehabilitation and $35,078,000 for Marine and seamen's insurance. Rehabilitation activities of the bureau ceased with the close of the fiscal year 1928.

[6] Credit.

Source: Veterans' Administration.

No. 152.—PENSIONS, COMPENSATION, DISABILITY ALLOWANCE, AND EMERGENCY OFFICERS' RETIREMENT PAY: ANNUAL AVERAGE VALUE OF PAYMENTS TO VETERANS AND DEPENDENTS OF DECEASED VETERANS AT THE END OF THE YEAR FOR EACH WAR

June 30—	Average for veterans of all wars and peace time			War of 1812	War with Mexico			Indian wars			Civil War		
	Total	Living	Deceased	Deceased	Total	Living	Deceased	Total	Living	Deceased	Total	Living	Deceased
1910	$172	$184	$149	$151	$167	$238	$144	$132	$110	$144	$174	$187	$148
1915	215	263	148	149	175	356	146	168	230	145	220	275	147
1920	358	422	280	233	240	414	230	203	240	149	359	452	281
1925	408	454	344	360	363	709	359	202	243	149	477	699	360
1928	466	517	382	574	590	972	588	440	496	358	528	847	406
1929	474	513	407	567	587	864	587	445	500	359	550	850	451
1930	475	514	404	540	586	-------	586	446	513	359	542	852	452
1931	441	451	411	525	581	-------	581	448	519	359	504	1,076	470
1932	408	409	404	514	584	-------	584	450	530	359	581	1,087	469
1933	400	400	402	514	582	-------	582	449	533	358	567	1,087	468
1934	432	452	385	514	581	-------	581	443	534	357	561	1,078	465

June 30—	Spanish-American War			Peace time			World War				
								Living			
	Total	Living	Deceased	Total	Living	Deceased	Total[1]	Total[1]	Compensation	Disability allowance (nonservice)	Emergency officers' retirement pay	Deceased, compensation[1]
1910	$128	$121	$159	$173	$166	$197	-------	-------	-------	-------	-------	-------
1915	134	129	160	176	169	200	-------	-------	-------	-------	-------	-------
1920	142	132	175	181	173	204	$417	$449	$449	-------	-------	$316
1925	206	193	278	198	192	219	421	453	453	-------	-------	317
1928	302	287	394	222	224	217	487	539	539	-------	-------	328
1929	376	373	391	219	218	228	493	547	529	-------	$1,688	330
1930	389	389	389	232	236	219	499	553	529	-------	1,682	331
1931	460	473	386	234	237	221	[2] 303	[2] 403	533	$199	1,687	335
1932	492	516	363	236	241	218	[2] 355	[2] 355	529	193	1,683	336
1933	499	523	381	230	236	206	349	350	524	189	1,654	336
1934	371	390	285	226	220	260	[2] 439	[2] 467	476	307	1,617	337

[1] In computing these averages, pensions paid to a small number of veterans (see table 150) were included.
[2] The decrease in the averages for 1931 and 1932 was due to the addition to the roll of a large number of veterans receiving disability allowance for nonservice-connected disabilities at a lower annual average value, and the increase in 1934 to the discontinuance of the disability allowance to approximately 400,000 veterans.

No. 153.—TERM AND CONVERTED INSURANCE AWARDS

	Total to June 30, 1934	Year ended June 30—				
		1930	1931	1932	1933	1934
Number of awards made during period or year:						
Term and automatic insurance—						
Total original awards	192,979	947	1,407	2,251	1,481	365
Original death	154,789	349	312	204	130	25
Original disability	38,190	598	1,095	2,047	1,351	340
Disability changed to death	20,918	810	654	1,050	948	451
Converted insurance—						
Total original awards	34,458	3,507	3,510	3,825	3,721	3,792
Original death	21,703	2,237	2,147	2,285	2,356	2,231
Original disability	12,755	1,270	1,363	1,540	1,365	1,471
Disability changed to death	3,217	344	353	370	435	457
Number of awards active at end of year:						
Term and automatic insurance	-------	155,254	152,982	153,268	151,464	148,267
Death	-------	143,053	140,309	139,265	137,027	134,277
Disability	-------	12,201	12,613	14,003	14,437	13,990
Converted insurance	-------	8,042	8,026	9,443	10,773	12,078
Death	-------	3,006	2,016	2,251	2,722	3,222
Disability	-------	5,036	6,009	7,192	8,051	8,854

Source of tables 152 and 153: Veterans' Administration.

No. 154.—GOVERNMENT LIFE INSURANCE IN FORCE AND PREMIUMS PAID

[Amounts in thousands of dollars. See general note, p. 149]

June 30 or year ended June 30—	Insurance policies in force June 30						Premiums paid during year	
	Total		Yearly renewable term insurance		U. S. Government life insurance		Term insurance [1]	U. S. Government life
	Number	Amount	Number	Amount	Number	Amount		
1921	651,054	3,849,376	397,890	2,980,660	253,164	868,716	68,783	22,272
1922	581,778	3,348,400	300,926	2,314,664	280,852	1,033,737	21,200	26,864
1923	500,065	3,070,210	240,291	1,854,146	319,774	1,216,064	16,141	30,919
1924	562,600	2,984,573	209,385	1,609,031	353,215	1,375,543	14,604	35,345
1925	552,340	2,865,020	177,328	1,372,091	375,012	1,492,937	13,469	39,388
1926	553,660	2,781,587	130,103	1,008,511	423,557	1,773,076	10,458	44,417
1927	587,980	2,893,045	87,100	672,075	500,880	2,220,970	6,764	54,048
1928	660,374	3,113,049	266	1,654	660,108	3,111,995	1,374	71,113
1929	650,066	3,059,919	229	1,342	649,837	3,058,577	552	69,263
1930	648,248	3,042,743	204	1,142	648,044	3,041,601	1,032	67,168
1931	646,055	3,024,445	91	506	645,964	3,023,938	208	69,201
1932	641,247	2,977,330	29	246	641,218	2,977,083	258	67,663
1933	616,069	2,782,709	----------	----------	616,069	2,782,709	245	67,962
1934	598,226	2,666,733	----------	----------	598,226	2,666,733	104	68,241

[1] Net premiums.

No. 155.—GOVERNMENT LIFE INSURANCE: CONVERTED INSURANCE ISSUED AND IN FORCE, BY PLAN

Plan	Issued to June 30, 1934					In force June 30, 1934	
	Number	Amount (1,000 dollars)	Average policy	Percent of total		Number	Amount (1,000 dollars)
				Number	Amount		
Total	**913,556**	**4,036,743**	**$4,419**	**100.00**	**100.00**	**598,226**	**2,666,733**
Ordinary life	192,556	966,016	5,017	21.08	23.93	135,493	710,677
20-payment life	219,743	918,607	4,180	24.05	22.76	157,803	677,332
30-payment life	35,221	175,651	4,987	3.86	4.35	28,220	143,848
20-year endowment	226,241	593,945	2,625	24.76	14.71	107,492	312,052
30-year endowment	44,288	185,227	4,182	4.85	4.59	31,438	134,548
Endowment at age 62	43,230	204,479	4,730	4.73	5.07	32,607	156,737
5-year convertible term	144,891	960,350	6,628	15.86	23.79	63,230	399,878
Duration less than 5 years	----------	----------	----------	----------	----------	16,604	106,455
Duration more than 5 years	----------	----------	----------	----------	----------	24,011	141,255
Renewed, second period	----------	----------	----------	----------	----------	22,615	152,168
5-year level premium term	7,386	32,468	4,396	.81	.80	6,836	29,775
Extended insurance	----------	----------	----------	----------	----------	32,288	98,943
Paid-up life	----------	----------	----------	----------	----------	1,701	2,040
Paid-up endowment	----------	----------	----------	----------	----------	*1,118*	*903*

No. 156.—GOVERNMENT LIFE INSURANCE FUND: FINANCIAL STATEMENT OF FUNDS FROM ORIGIN, MAY 31, 1919, TO DECEMBER 31, 1933

[All figures in thousands of dollars]

	Total to Dec. 31, 1933	Year ended Dec. 31, 1933		Total to Dec. 31, 1933	Year ended Dec. 31, 1933
Income, total	1,042,219	116,996	Disbursements—Continued.		
Premiums	710,333	66,795	Paid on supplementary installment contracts under claims	38,787	8,848
Interest	169,228	33,427	Other disbursements	12,569	1,831
Received from U. S. on account of extra hazards of military and naval service	67,501	4,763	Ledger assets Dec. 31, 1933, as per "balance" under income and disbursements, total	669,238	----------
Consideration of supplementary installment contracts under claims	84,250	11,916	Book value of bonds, amortized	134,174	----------
Other income	10,907	94	Policy loans	121,764	----------
Disbursements, total	372,980	57,281	Adjusted-service certificate loans	407,072	----------
Claims (death and total permanent disability)	184,586	21,757	Cash on hand	6,229	----------
Surrender values	82,698	21,425			
Dividends paid policyholders	54,340	3,421			

Source of tables 154, 155, and 156: Veterans' Administration.

No. 157.—ADJUSTED COMPENSATION AWARDS TO JUNE 30, 1934

NOTE.—Loans on adjusted-service certificates during the year ended June 30, 1934, totaled $35,653,000; 2,884,504 certificates have been pledged and are held by the Veterans' Administration on June 30, 1934, for loans and interest aggregating $1,614,220,000. In addition, it is estimated that loans made by banks to the value of $60,000,000 are outstanding

Claim	Total, all branches		Army		Navy		Marine Corps	
	Number	Amount (1,000 dollars)	Number	Amount (1,000 dollars)	Number	Amount (1,000 dollars)	Number	Amount (1,000 dollars)
Grand total	4,004,588	3,723,309	3,440,611	3,153,922	493,087	496,807	70,888	73,080
Cash:								
Veterans ($50 or less)	155,536	5,245	143,372	4,922	11,605	305	559	18
Dependents (less than $50)	9,459	257	8,734	239	644	16	78	2
Dependents ($50 or over)[1]	120,026	41,516	106,459	36,109	10,714	4,291	2,853	1,116
Certificates	3,719,568	3,673,610	3,182,046	3,109,769	470,124	491,998	67,398	71,843
$50 lump sum payments		3,181		2,883		197		101

[1] Payments of $50 or more to dependents are made in 10 equal quarterly installments.

No. 158.—UNITED STATES VETERANS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY THE VETERANS' ADMINISTRATION

NOTE.—During the fiscal year 1934, a total of 575,816 out-patient treatments and 559,554 out-patient examinations were made. On June 30, 1934, there were 3,574 veterans domiciled in State and territorial homes who were eligible for care in facilities controlled by the Veterans' Administration and for whose care the Federal Government reimburses these homes at the rate of $120 per year for each person

	Total receiving hospital or domiciliary care[1]	Veterans receiving hospital treatment, all facilities and hospitals[2]				Veterans receiving domiciliary care at end of year[1]	Veterans' Administration hospitals		
		Average daily patients	Patients remaining at end of year				Average daily patients	Operating expenses (thousands of dollars	Per diem cost[3]
			Total	Tuberculosis	Neuropsychiatric	General			
1919			3,279	1,362	1,053	864			
1920			17,471	6,018	5,042	6,411			
1921			26,237	10,337	7,499	8,401			
1922		27,840	26,869	10,849	9,231	6,789	13,607	23,531	4.74
1923		24,536	23,611	9,577	9,194	4,840	11,882	21,658	4.99
1924		22,098	21,730	8,082	9,461	4,187	11,530	19,188	4.55
1925		27,447	26,610	9,314	11,905	5,391	15,855	23,354	4.04
1926		27,012	24,915	7,308	12,220	5,387	16,567	25,322	4.19
1927		26,386	25,310	6,658	12,538	6,114	17,305	25,282	4.00
1928		26,300	25,899	6,045	12,839	7,015	17,801	26,091	4.00
1929		27,642	27,487	6,121	13,461	7,905	19,245	28,178	4.01
1930		29,513	30,311	6,274	14,941	9,096	20,233	28,520	3.84
1931	51,980	32,713	34,948	6,193	17,001	11,754	[4] 17,032	22,297	30,414	3.72
1932	62,255	42,448	43,567	6,499	20,160	16,908	18,088	25,046	31,996	3.44
1933	44,644	42,526	33,457	5,425	20,109	7,923	11,187	[5] 32,655	[5] 33,301	[5] 2.74
1934	48,849	36,192	39,445	5,032	22,226	12,187	9,404	35,220	32,620	2.51

UNITED STATES VETERANS UNDER HOSPITAL OR DOMICILIARY CARE, CLASSIFIED BY WARS

	Total veterans	World War			Spanish-American War	Civil War	All other wars	Peacetime service
		Total	Service connected	Nonservice connected[6]				
Hospital treatment:								
1925	26,610	26,029	22,771	3,258	564		17	
1930	30,311	28,850	15,297	13,553	1,313	79	69	
1932	43,567	40,174	15,460	24,714	2,187	366	137	703
1933	33,457	30,670	14,080	16,590	1,812	258	86	631
1934	39,445	35,754	11,799	23,955	2,220	194	97	1,171
Domiciliary care:[1]								
1932	18,688	13,005			3,210	281		2,192
1933	11,187	7,995			2,102	115	3	912
1934	9,404	7,214	752	6,462	1,465	53	42	630

[1] Veterans' homes were not under the jurisdiction of the Veterans' Administration prior to July 1930.
[2] Includes Veterans' Administration beneficiaries cared for in Army, Navy, Marine, and State and civil (contracts) hospitals, St. Elizabeths, and hospitals operated in connection with National Veterans' homes.
[3] Excludes hospitals which operated for only part of the year under unnatural conditions.
[4] Includes domiciliary members receiving hospital treatment.
[5] Beginning 1932, figures include hospitals operated in connection with Veterans' Administration homes.
[6] Includes emergency, observation, and unclassified cases.

Source of tables 157 and 158: Veterans' Administration.

No. 159.—AMERICAN NATIONAL RED CROSS: EXPENDITURES OF THE NATIONAL ORGANIZATION AND ADULT MEMBERSHIP, YEARS ENDED JUNE 30

NOTE.—Expenditures in thousands of dollars. Expenditures do not include chapter budgets. For the fiscal year 1934, additional expenditures by the 3,709 chapters were estimated at $7,264,000

	1928	1929	1930	1931	1932	1933	1934
Total expenditures	19,866	11,064	4,255	15,182	6,553	3,674	3,717
Domestic operations:							
Service to disabled veterans	862	738	883	740	463	531	491
Service to men of the Regular Army and Navy	307	308	300	372	374	264	125
Disaster relief	10,692	4,864	1,208	11,897	3,331	1,364	1,708
Enrolled Nurses' Reserve	46	44	41	42	42	32	31
Public health nursing and home hygiene	247	242	264	251	253	210	109
First aid and life saving	297	301	274	272	302	293	280
Junior Red Cross	237	238	260	245	222	202	194
Other domestic operations	363	364	250	238	278	156	142
Insular and foreign operations:							
Disaster relief	213	3,343	134	442	188	120	60
League of Red Cross Societies	211	208	208	248	168	156	123
Junior Red Cross foreign projects	31	29	29	27	22	20	9
Assistance to insular chapters	64	66	85	76	77	56	45
Other insular and foreign work	29	40	22	41	40	29	27
Supervision of service activities and general management	268	278	296	293	295	232	222
ADULT MEMBERSHIP (THOUSANDS)							
Total, including insular and foreign	4,059	4,128	4,131	4,076	4,004	3,702	3,802
Continental United States (including Alaska)	3,975	4,019	4,006	3,962	3,900	3,608	3,711
Percent of total population	3.4	3.4	3.3	3.2	3.1	2.9	3.0

No. 160.—EMPLOYMENT AND PAY ROLLS FOR THE UNITED STATES GOVERNMENT: BY BRANCHES OF SERVICE, 1934

[Pay roll in thousands of dollars]

	Total		Executive service		Military service [1]		Judicial service		Legislative service	
	Employees	Pay roll	Employees	Pay roll	Employees	Pay roll	Employees	Pay roll	Employees	Pay roll
Total		1,364,597		1,115,739		231,021		5,317		12,520
January	881,871	97,604	622,217	77,838	253,097	18,383	1,780	417	4,777	966
February	886,007	104,738	625,882	83,921	253,599	19,365	1,742	431	4,784	1,021
March	900,531	105,000	630,244	85,293	254,634	18,241	1,854	444	4,799	1,023
April	922,078	105,626	660,166	85,717	255,211	18,455	1,904	432	4,797	1,021
May	937,779	110,293	676,090	90,417	254,982	18,398	1,913	443	4,794	1,035
June	937,510	112,575	675,592	92,356	255,227	18,740	1,881	439	4,810	1,039
July	950,099	117,084	687,324	95,988	256,350	19,588	1,750	435	4,645	1,073
August	955,258	120,527	692,288	99,326	256,625	19,690	1,690	439	4,655	1,072
September	960,765	121,219	696,980	99,675	257,355	19,987	1,777	486	4,653	1,071
October	963,050	122,763	698,391	102,137	258,187	19,103	1,846	453	4,632	1,070
November	956,753	124,021	689,938	101,553	260,300	20,949	1,885	452	4,630	1,071
December	952,452	123,147	685,975	101,518	259,968	20,125	1,861	446	4,648	1,058

[1] These figures include in addition to the officers and enlisted men in the Regular Army and the Navy, nurses in active service, midshipmen at the United States Naval Academy, and the Coast Guard.

No. 161.—FEDERAL EXECUTIVE CIVIL SERVICE

June 30—	Number of employees [1]	Number of classified employees [1]	June 30—	Number of employees [1]	Number of classified employees [1]	June 30—	Number of employees [1]	Number of classified employees [1]
1816	6,327		1901	256,000	106,205	1925	[4] 532,798	423,538
1821	8,211		1911	370,000	227,657	1926	[4] 528,542	422,300
1831	19,800		1915	461,993	292,291	1927	[4] 527,228	422,998
1841	23,700		1916	438,057	296,926	1928	[4] 540,867	431,763
1851	33,300		1918	[2] 917,760	642,432	1929	[5] 559,579	445,957
1861	49,200		1920	[3] 691,116	497,603	1930	[4] 550,494	462,083
1871	53,900		1921	[3][4] 562,552	448,112	1931	[4] 588,206	468,050
1881	107,000		1922	[4] 527,517	420,588	1932	[4] 583,196	467,161
1884(Jan.15)		13,780	1923	[4] 515,772	411,398	1933	[5] 581,314	456,096
1891	166,000	33,873	1924	[4] 521,641	415,593	1934	[5] 575,592	461,587

[1] Approximate. [2] As of Nov. 11. [3] As of July 31.

[4] Revised. Figures exclude clerks at third-class post offices and postal contractors, numbering from 32,000 to 34,000, included in figures for prior years.

[5] As reported by the Department of Labor.

Sources: Table 159, The American Red Cross; table 160, Dept. of Labor; table 161, Civil Service Commission.

No. 162.—EMPLOYEES IN THE FEDERAL EXECUTIVE CIVIL SERVICE: BY DEPARTMENTS AND OFFICES

NOTE.—Does not include the legislative, judicial, or military branches of the Federal Government, or employees of the District of Columbia. Both permanent (or emergency) and temporary employees, classified and unclassified, are included. The various establishments may show marked changes in the number of employees on account of consolidations, transfers of bureaus, and changes in their functions

Department or office	Total				Dec. 31, 1934				
	Dec. 31, 1926	Dec. 31, 1931	Dec. 31, 1932	Dec. 31, 1933	Total	In D. C.		Outside D. C.	
						Male	Female	Male	Female
Total [1]	514,610	575,968	568,347	[2] 625,311	[2] 685,975	57,713	38,229	518,693	71,340
Department of State	4,270	4,944	4,686	4,291	4,460	414	370	[3] 2,464	[3] 1,212
Treasury Department	51,519	52,526	52,043	[4] 44,483	52,950	7,288	9,713	29,957	5,992
War Department	37,070	50,777	53,343	[5] 69,283	[4] 62,633	1,942	1,652	55,190	3,854
Department of Justice	3,671	9,002	8,987	6,784	6,748	1,220	542	4,051	935
Post Office Department [1]	276,433	280,699	273,583	270,000	262,024	2,611	737	236,171	22,505
Navy Department	42,500	47,304	46,936	49,195	55,855	9,579	1,230	42,860	2,196
Department of the Interior	12,201	14,983	14,483	[2] 25,686	[2] 31,557	[3] 5,523	[3] 2,763	19,723	3,548
Department of Agriculture	20,624	28,127	26,371	33,088	33,282	2,923	2,319	24,755	3,285
Department of Commerce	14,537	20,709	17,816	18,718	17,697	[3] 3,579	[3] 1,827	[3] 11,530	[3] 761
Department of Labor	4,041	5,563	5,494	4,713	[6] 8,146	430	591	5,342	1,783
Agricultural Adjust. Admn. [7]				[2] 4,011	6,397	2,884	2,361	957	195
Board of Tax Appeals	109	147	145	132	134	56	78		
Civil Service Commission	444	624	623	601	855	240	418	102	95
Civil Works Administration [7]				206	286	122	147	17	
Commodity Credit Corp'n [7]					126	58	51	17	
Emer. Conservation Work: [7 8]									
Director's office				51	50	25	25		
Agriculture				[2] 8,121	14,130	55	71	13,586	418
Interior				[3] 4,863	9,111	143	97	8,642	229
War				(9)	6,454	197	284	2,449	3,524
Other departments					7		1	5	1
Employees' Comp. Com'n	68	178	176	163	225	74	101	19	31
Farm Credit Administration		[9] 351	[9] 2,276	7,552	6,907	651	833	4,013	1,410
Fed. Alcohol Control Admin. [7]					125	67	58		
Fed. Communications Com'n		[10] 129	257	238	336	124	102	84	26
Fed. Coordinator of Transp. [7]				135	235	111	78	34	12
Fed. Emer. Adm. Pub. Works [7]				2,759	5,426	1,242	902	2,868	414
Fed. Emerg. Relief Admin. [7]				145	525	156	210	122	37
Fed. Home Loan Bank Bd. [7]			88	210	173	114	58	1	
Federal Housing Admin. [7]					2,237	648	489	806	294
Federal Power Commission		54	55	78	235	163	66	6	
Federal Reserve Board [7]	204	202	208	272	311	149	134	28	
Federal Surplus Relief Corp. [7]				145	390	182	157	31	20
Federal Trade Commission	302	530	472	472	478	258	154	43	23
General Accounting Office	1,984	2,002	1,974	1,771	2,748	1,650	1,098		
Government Printing Office	4,142	5,043	4,758	4,666	5,215	4,228	987		
Home Owners' Loan Corp.				6,968	20,099	1,462	1,246	10,388	7,003
Interstate Com. Com'n	1,856	2,379	2,311	1,911	1,601	862	271	452	16
Merchant Fleet Corp. [7 11]				440	465	250	138	51	26
Nat. Adv. Com. for Aero.	164	315	309	308	323	19	20	259	25
Natl. Emergency Council [7]					153	36	81	19	17
Natl. Ind. Recov. Admin. [7]				1,967	4,168	1,945	1,160	555	508
Natl. Labor Relations Board [7]				69	161	31	25	55	50
National Resources Board [7]					333	67	44	163	59
Panama Canal	9,690	10,200	9,888	8,998	9,098	61	11	8,525	501
Pub. Bldgs. and Pks. Nat. Cap.	2,274	3,193	3,069	(12)					
Rec. Finance Corp'n [7]			1,948	3,234	3,283	895	726	1,074	588
Securities and Ex. Com'n					422	245	139	30	8
Smithsonian Institution	488	566	545	560	542	398	144		
Shipping Board	1,551	968	666	(13)					
Special Adv. on For. Trade [7]					95	48	47		
Tariff Commission	231	335	307	275	299	181	108	9	1
Tennessee Valley Authority [7]				3,431	12,319	8	8	11,847	456
Veterans' Administration	23,587	33,607	34,111	31,380	32,880	1,749	3,152	18,865	9,114
Miscellaneous	638	449	419	2,938	1,242	[3] 350	[3] 205	[3] 528	[3] 159
In District of Columbia	59,509	69,435	66,304	77,038	95,942				
Outside Dist. of Columbia	455,041	506,877	502,043	548,273	590,033				

[1] Clerks at third-class post offices and postal contractors, which were previously included in figures for years prior to 1932, are excluded for all years. Post Office Department employees in substitute grades (24,550 for 1934) are included. Totals for male and female include some estimates as noted.
[2] As reported by the Department of Labor.
[3] Partly estimated.
[4] Decrease largely due to the transfer of the Custodian Service to the Post Office Department.
[5] 1,020 engaged on C. C. C. work are included in figures for War Department.
[6] Includes 3,184 temporary employees of the National Reemployment Service, not previously reported.
[7] Positions not subject to Civil Service Act.
[8] In addition to the regular employees of the Emergency Conservation Work the Director's Office reported on Dec. 31, 1934, enrolled personnel, 311,793; military personnel, 6,043; nurses, 149; intermittent employees in the War Department, 2,274.
[9] Federal Farm Board for 1931 and Federal Farm Board and Regional Agricultural Credit Corporation for 1932; these and other agencies dealing with farm credits were consolidated as Farm Credit Administration
[10] Federal Radio Commission. [11] Administrative offices; formerly with the Shipping Board.
[12] Transferred to Interior Department. [13] Under Merchant Fleet Corporation and Dept. of Commerce.

Source: Civil Service Commission, except as noted.

No. 163.—CIVIL SERVICE: NUMBER OF PERSONS EXAMINED BY THE CIVIL SERVICE COMMISSION, NUMBER AND PERCENT WHO PASSED, NUMBER APPOINTED, AND APPROXIMATE NUMBER OF COMPETITIVE POSITIONS

Year ended June 30—	Total					Post office service				Railway Mail Service [1]				All other services			
	Classified competitive positions	Examined	Passed	Percent that passed	Appointed	Classified competitive positions [2]	Examined	Passed	Appointed	Classified competitive positions [2]	Examined	Passed	Appointed	Classified competitive positions [2]	Examined	Passed	Appointed
1885 [3]	15,590	6,347	4,141	65.2	1,800	7,500	3,233	2,262	1,249					8,090	3,114	1,879	551
1890	30,626	22,994	13,947	60.7	5,182	13,097	11,193	6,904	2,850	5,836	4,463	3,129	1,400	11,693	7,338	3,914	932
1895	54,222	31,036	19,811	63.8	4,793	25,000	19,438	12,802	3,348	7,045	4,641	3,107	643	22,177	6,957	3,902	802
1900	94,893	46,602	34,965	75.0	9,889	37,000	16,584	11,447	3,931	8,696	4,488	3,844	736	49,197	25,530	19,674	5,222
1905	171,807	143,053	111,741	78.1	38,996	81,596	52,550	41,978	16,297	12,171	6,972	4,218	1,558	78,040	83,531	65,545	21,141
1910	222,278	115,644	87,769	75.9	43,585	126,131	37,253	30,170	11,812	16,956	52	39	2,271	79,191	78,339	57,560	29,502
1912	217,392	106,078	59,251	55.9	20,969	115,905	40,256	26,133	8,706	18,297	11,273	3,036	770	83,190	54,549	30,082	11,493
1913	282,597	141,905	94,390	66.5	[4] 35,154	161,846	59,181	39,810	14,905	19,620	18,340	9,616	1,270	101,131	64,384	44,964	18,979
1914	292,460	215,587	147,526	68.4	[5] 41,935	165,646	103,678	76,257	19,606	22,679	27,664	19,665	2,941	104,135	84,245	51,604	19,388
1915	292,291	167,795	114,632	68.3	[6] 36,398	165,808	70,734	52,586	13,682	21,769	33	17	146	104,714	97,028	62,029	22,570
1916	296,926	154,722	113,980	73.7	42,057	166,375	72,122	55,614	17,729	20,989	1	1	28	109,562	82,599	58,365	24,300
1917	326,899	212,114	156,927	74.0	86,312	187,067	51,416	38,560	19,569	21,196	13,975	10,433	43	118,636	146,723	107,934	66,700
1918	642,432	551,391	387,963	70.4	213,530	188,201	56,268	41,309	29,572	20,538	2,927	1,867	8,297	433,693	492,196	344,787	175,661
1919	569,745	438,259	299,826	68.4	179,533	190,081	58,459	41,433	29,949	20,833	9,930	6,489	1,291	358,831	369,870	251,904	148,293
1920	497,603	293,327	193,905	66.1	116,309	196,449	58,922	39,667	17,181	21,717	12,866	7,571	4,269	279,437	221,539	146,667	94,859
1921	448,112	303,309	203,209	67.0	101,711	205,352	114,033	74,977	32,601	22,320	15,803	9,849	6,044	220,440	173,473	118,383	63,066
1922	420,688	206,007	128,952	62.6	63,867	209,533	70,120	43,984	25,186	22,227	12,890	8,694	910	188,928	122,997	76,274	37,771
1923	411,398	204,200	122,918	60.2	57,094	212,078	61,122	40,583	22,286	22,052	23,642	12,512	998	177,268	119,436	69,823	34,410
1924	415,593	222,915	133,506	59.9	68,287	222,276	77,862	52,575	27,237	22,073	25,510	10,969	2,129	171,244	119,543	69,962	38,921
1925	423,538	201,415	122,495	60.8	50,164	226,801	77,978	50,647	20,560	22,340	60	33	629	174,397	123,377	71,815	28,975
1926	422,300	202,846	105,964	52.2	38,916	230,021	89,835	42,591	16,561	22,340	113	87	280	169,939	112,898	63,286	22,075
1927	422,998	251,679	106,937	42.4	42,063	232,244	98,423	45,080	17,560	22,281	29,481	15,717	708	168,473	123,775	46,140	23,795
1928	431,763	236,997	123,830	52.2	40,317	238,449	100,576	49,279	15,720	21,343	194	90	785	171,971	136,227	74,461	23,812
1929	445,957	213,510	125,726	51.6	47,913	241,394	96,276	44,986	16,875	21,379	12	6	833	183,184	147,222	80,734	30,205
1930	462,083	267,429	132,991	49.7	41,075	250,525	80,115	39,665	13,560	21,443	10,645	3,895	721	190,115	176,669	89,431	26,794
1931	468,050	248,438	121,670	48.9	41,528	253,898	51,314	26,488	8,905	21,477	10	6	825	192,675	197,114	95,176	31,798
1932	467,161	257,109	89,717	34.8	25,080	251,887	32,425	16,076	4,758	23,144	105	29	833	192,130	224,579	73,612	19,459
1933	456,096	191,771	89,082	46.4	12,216	242,868	26,228	15,224	2,381	22,080	3,606	1,891		191,148	161,937	71,967	9,835
1934	461,587	296,447	169,555	57.2	22,757	226,927	16,093	10,195	3,412	21,119	63	30		213,541	280,291	159,330	19,345
Total from July 16, 1883		7,333,861	4,593,905	62.6	1,888,323		2,256,274	1,460,296	582,989		341,804	208,912	62,463		4,735,783	2,924,697	1,242,871

[1] Railway mail clerks classified May 1, 1889.

[2] At close of year or period; approximated.

[3] Jan. 16, 1884, to Jan. 15, 1885.

[4] The large increase in field service figures for 1913 is due to the inclusion of navy-yard artisans' positions to the number of about 16,000 in the competitive classified service.

[5] 11,635 fourth-class postmasters appointed in 1914 and 18,238 in 1915, under the Executive order of May 7, 1913, requiring examinations at offices whose incumbents had not been appointed under the regulations, are not included in this table.

Source: The Civil Service Commission.

No. 164.—CIVIL SERVICE RETIREMENT: SUMMARY, YEARS ENDED JUNE 30

NOTE.—Retirement for civil service employees was established by act of May 22, 1920. Under this act as amended July 3, 1926, and May 29, 1930 (effective July 1, 1930), employees of the classified service and certain other groups, including unclassified laborers subject to labor regulations, are eligible for retirement on annuity at the ages of 62, 65, and 70, according to the class of service, if they have rendered at least 15 years of service. The last-named act permits the optional retirement of employees 2 years before reaching the retirement age where they have rendered at least 30 years of service and also permits retirement on account of permanent and total disability after 5 years of service. From the basic compensation of each employee within the scope of the acts there is deducted 3½ percent (2½ prior to July 1, 1926) thereof for deposit to the credit of the retirement fund. All amounts deducted prior to July 1, 1930, and thereafter amounts deducted less $1 per month are credited to the employee's individual account. Under the amendment of May 29, 1930, annuities are composed of (1) a sum equal to $30 for each year of service not exceeding 30, and (2) the amount of annuity purchasable with the sum credited to the individual's account together with interest at 4 percent per annum, with certain provisions regarding the maximum payable for years of service and the minimum total annuity

June 30 or year ended June 30—	Number of annuitants on roll by cause of retirement					Civil service retirement and disability fund (thousands of dollars)						
						Receipts			Disbursements			
	Total	Age [1]	Disability	Involuntary, less than 30 years' service [1]	30 years' service [2]	Total [3]	Salary deductions [4]	Appropriations	Total [5]	Annuities	Refunds	Balance in fund June 30
1921	6,471	5,947	524	------	------	12,586	12,524	------	2,914	2,591	323	9,678
1922	7,576	6,667	909	------	------	14,682	14,005	------	6,391	4,188	2,203	17,964
1923	9,334	7,994	1,340	------	------	15,156	14,174	------	7,741	4,964	2,786	25,379
1924	10,548	8,895	1,653	------	------	16,642	15,158	------	8,552	5,695	2,864	33,469
1925	11,689	9,741	1,948	------	------	20,029	17,999	------	9,028	6,239	2,713	44,470
1926	12,524	10,277	2,247	------	------	20,174	17,969	------	10,182	6,767	3,444	54,461
1927	14,119	11,353	2,766	------	------	27,168	24,350	------	13,395	9,598	3,862	68,235
1928	15,383	12,173	3,210	------	------	29,503	26,455	------	14,752	10,990	3,771	82,985
1929	16,501	12,924	3,577	------	------	52,520	28,123	19,950	16,063	12,005	4,067	119,442
1930	17,768	12,504	3,994	1,270	------	55,447	29,048	20,500	18,126	13,108	5,049	156,763
1931	22,650	15,357	4,947	1,374	972	58,277	29,944	21,000	23,992	19,860	4,160	191,047
1932	25,567	16,600	5,973	1,404	1,590	61,442	31,853	21,000	27,470	23,546	3,925	[6] 223,588
1933	32,835	21,613	7,281	1,539	2,402	61,246	30,494	21,000	34,838	30,048	4,789	[6] 249,997
1934	44,708	22,969	8,941	1,861	10,937	60,259	28,740	21,000	47,657	39,621	8,036	[6] 262,562

	1933	1934
Number on the roll June 30 by—		
Sex and cause of retirement—		
Male	30,052	40,759
Age	20,321	21,537
Disability	6,063	7,251
Voluntary, 30 years' service	2,235	3,705
Involuntary, 30 years' service	------	6,900
Involuntary, less than 30 years' service	1,433	1,366
Female	2,783	3,949
Age	1,292	1,432
Disability	1,218	1,690
Voluntary, 30 years' service	167	239
Involuntary, 30 years' service	------	393
Involuntary, less than 30 years' service	106	195
Departments—		
State	33	44
Treasury	2,978	3,583
War	2,756	3,373
Justice	91	146
Post Office	17,619	25,418
Navy	4,501	6,521
Interior	[7] 1,189	1,617
Agriculture	885	1,089
Commerce	402	566
Labor	149	349
District of Columbia	333	419
Government Printing Office	948	1,193
Interstate Commerce Com'n	45	56
Veterans' Administration	449	776
Architect of the Capitol	51	51
Library of Congress	53	61

	1933	1934
Number on the roll June 30 by—		
Departments—Continued.		
General Accounting Office	187	297
Smithsonian Institution	57	72
All others	109	177
Vocations—		
Mechanics	7,065	8,514
City letter carriers	5,534	7,745
Rural letter carriers	4,893	7,161
Post-office clerks	3,486	5,722
Railway postal clerks	2,662	3,234
Departmental	5,952	8,312
Laborers	2,442	3,041
Hazardous occupations	599	664
Indian field service	202	315
Rates per annum—		
Less than $100	2	1
$100–$199	39	60
$200–$299	307	406
$300–$399	691	858
$400–$499	1,312	1,642
$500–$599	2,097	2,610
$600–$699	2,370	2,890
$700–$799	1,941	2,111
$800–$899	2,327	2,488
$900–$999	3,210	3,386
$1,000–$1,099	3,242	3,080
$1,100–$1,199	3,143	10,369
$1,200	11,783	13,772
$1,201–$1,299	370	430
$1,300–$1,399	1	6
Average annual rate (dollars)	965	990
Annual value of roll (1,000 dolls.)	31,691	44,256

[1] Involuntary separation included with age prior to 1930.
[2] Includes voluntary and involuntary separation; for separate figures, see lower section of table.
[3] Includes receipts from interest and profits not shown separately.
[4] Including service-credit payments.
[5] Total after taking into consideration certain accounting-office adjustments not shown separately.
[6] After adjustment on account of amounts transferred to Canal Zone retirement and disability fund.
[7] Includes Office of Public Buildings and Parks transferred to Interior Department in August 1933.

Source: Veterans' Administration.

No. 165.—POPULAR VOTE FOR PRESIDENTIAL ELECTORS: BY PRINCIPAL POLITICAL PARTIES, TOTALS, 1888 TO 1932, AND BY STATES, 1932

NOTE.—The column "miscellaneous independent" represents so-called independent, progressive, and farmer-labor parties variously designated as follows: 1888, Union Labor Party; 1892, 1900, and 1904, Populist; 1896, National Democrat; 1908, Populist and Independent; 1912 and 1916, Progressive; 1920, 1928, and 1932, Farmer-Labor. In 1924, column represents votes for La Follette-Wheeler electors, variously designated under party names as Independent Progressive, Progressive, Socialist, Socialist and Independent, Farmer-Labor, etc.

State	Republican	Democrat	Socialist and Socialist-Labor	Miscellaneous independent[1]	Prohibition	Total[2]
1888	5,444,337	5,540,050	----------	146,807	250,124	11,381,408
1892	5,190,802	5,554,414	----------	1,027,329	271,058	12,043,603
1896	7,035,638	[3] 6,467,946	[4] 36,454	131,529	141,676	13,813,243
1900	7,219,530	6,358,071	127,519	50,232	209,166	13,964,518
1904	7,628,834	5,084,491	436,184	114,753	259,257	13,523,519
1908	7,679,006	6,409,106	434,645	111,693	252,683	14,887,133
1912	3,483,922	6,286,214	926,090	4,126,020	208,923	15,031,169
1916	*8,538,221*	*9,129,606*	*598,516*	*41,894*	*220,506*	*18,528,743*
1920	16,152,200	9,147,353	950,974	265,411	189,408	26,705,346
1924	15,725,003	8,385,586	[4] 27,650	[1] 4,826,471	57,551	29,022,261
1928	21,392,190	15,016,443	289,023	6,390	20,106	36,879,414
1932	15,761,841	22,821,857	918,057	7,309	81,869	39,816,522
Alabama	34,675	207,910	2,030	----------	13	245,034
Arizona	36,104	79,264	2,618	----------	----------	118,251
Arkansas	28,467	189,602	1,269	----------	----------	220,562
California	847,902	1,324,157	63,299	----------	20,637	2,260,972
Colorado	189,617	250,877	14,018	469	1,928	457,896
Connecticut	288,420	281,632	22,767	----------	----------	594,207
Delaware	57,073	54,319	1,376	----------	----------	112,901
Florida	69,170	206,307	775	----------	----------	276,252
Georgia	19,863	234,118	461	----------	1,125	255,500
Idaho	71,312	109,479	526	----------	----------	186,520
Illinois	1,432,756	1,882,304	70,896	----------	6,388	3,407,926
Indiana	677,184	862,054	23,458	----------	10,399	1,578,927
Iowa	414,433	508,019	20,467	1,094	2,111	1,036,687
Kansas	349,498	424,204	18,276	----------	----------	791,978
Kentucky	394,716	530,574	5,249	----------	2,252	933,063
Louisiana	18,853	249,418	----------	----------	----------	268,804
Maine	166,031	128,907	2,744	----------	----------	298,444
Maryland	184,184	314,314	11,525	----------	----------	511,054
Massachusetts	736,959	800,148	36,973	----------	1,142	1,580,114
Michigan	739,894	871,700	40,606	----------	2,893	1,664,628
Minnesota	363,959	600,806	25,476	5,731	----------	1,002,843
Mississippi	5,180	140,168	686	----------	----------	146,034
Missouri	564,713	1,025,406	16,778	----------	2,429	1,609,894
Montana	78,078	127,286	7,891	----------	----------	216,479
Nebraska	201,177	359,082	9,876	----------	----------	570,135
Nevada	12,674	28,756	----------	----------	----------	41,430
New Hampshire	103,629	100,680	947	----------	----------	205,520
New Jersey	775,684	806,630	44,060	----------	774	1,630,063
New Mexico	54,217	95,089	1,776	----------	----------	151,606
New York	1,937,963	2,534,959	187,736	----------	----------	4,753,098
North Carolina	208,344	497,566	5,591	----------	----------	711,501
North Dakota	71,772	178,350	3,521	----------	----------	256,290
Ohio	1,227,679	1,301,695	66,002	----------	7,421	2,610,088
Oklahoma	188,165	516,468	----------	----------	----------	704,633
Oregon	136,019	213,871	17,180	----------	----------	368,751
Pennsylvania	1,453,540	1,205,948	[5] 91,778	----------	11,319	2,859,002
Rhode Island	115,266	146,604	3,571	----------	183	266,170
South Carolina	1,978	102,347	82	----------	----------	104,407
South Dakota	99,212	183,515	1,551	----------	463	288,438
Tennessee	126,806	259,817	1,786	----------	1,995	390,638
Texas	97,959	760,348	4,450	----------	----------	863,426
Utah	84,795	116,750	4,087	----------	----------	206,579
Vermont	78,984	56,266	1,533	----------	----------	136,980
Virginia	89,637	203,979	2,382	15	1,843	297,942
Washington	208,645	353,260	18,089	----------	1,540	614,814
West Virginia	330,731	405,124	6,133	----------	2,342	743,774
Wisconsin	347,741	707,410	53,873	----------	2,672	1,114,815
Wyoming	39,583	54,370	2,829	----------	----------	96,962

[1] See headnote.

[2] Figures prior to 1928 do not include votes cast for names not appearing on the electoral tickets specified in the table. In 1928 and 1932 they represent the entire vote cast, including in 1928, 48,770 votes (35 States) cast for the Workers electors and 67,951 scattering, defective, blank, and void ballots, and in 1932, 53,425 votes (10 States) cast for the Liberty electors, 102,991 votes (39 States) cast for the Communist electors, and 69,173 scattering ballots.

[3] Democrat-Populist.

[4] *Socialist-Labor only.* In 1924 *practically* all the *Socialist vote is included in votes in next column for* La Follette and Wheeler, official candidates of the Socialist Party as well as the Independent Progressive.

[5] Includes 659 Industrialist votes.

Sources: 1888–1920, reports of State officials on file in the Department of State; 1924, 1928, and 1932, data compiled by Clerk of the House of Representatives.

No. 166.—ELECTORAL VOTE FOR PRESIDENT: BY PRINCIPAL POLITICAL PARTIES AND BY STATES, 1912 TO 1932

NOTE.—In 1924, the 13 electoral votes of Wisconsin were cast for La Follette and Wheeler, Independent Progressive candidates

State	1912			1916		1920		1924		1928		1932	
	Republican	Democratic	Progressive	Republican	Democratic	Republican	Democratic	Republican	Democratic	Republican	Democratic	Republican	Democratic
Total	8	435	88	254	277	404	127	382	136	444	87	59	472
Plurality	.....	347	.....	.....	23	277	.....	246	.....	357	.....	.....	413
Alabama	.....	12	.....	.....	12	.....	12	.....	12	.....	12	.....	11
Arizona	.....	3	.....	.....	3	3	.....	3	.....	3	.....	.....	3
Arkansas	.....	9	.....	.....	9	.....	9	.....	9	.....	9	.....	9
California	.....	2	11	.....	13	13	.....	13	.....	13	.....	.....	22
Colorado	.....	6	.....	.....	6	6	.....	6	.....	6	.....	.....	6
Connecticut	.....	7	.....	7	.....	7	.....	7	.....	7	.....	8	.....
Delaware	.....	3	.....	3	.....	3	.....	3	.....	3	.....	3	.....
Florida	.....	6	.....	.....	6	.....	6	.....	6	6	.....	.....	7
Georgia	.....	14	.....	.....	14	.....	14	.....	14	.....	14	.....	12
Idaho	.....	4	.....	.....	4	4	.....	4	.....	4	.....	.....	4
Illinois	.....	29	.....	29	.....	29	.....	29	.....	29	.....	.....	29
Indiana	.....	15	.....	15	.....	15	.....	15	.....	15	.....	.....	14
Iowa	.....	13	.....	13	.....	13	.....	13	.....	13	.....	.....	11
Kansas	.....	10	.....	.....	10	10	.....	10	.....	10	.....	.....	9
Kentucky	.....	13	.....	.....	13	.....	13	13	.....	13	.....	.....	11
Louisiana	.....	10	.....	.....	10	.....	10	.....	10	.....	10	.....	10
Maine	.....	6	.....	6	.....	6	.....	6	.....	6	.....	5	.....
Maryland	.....	8	.....	.....	8	8	.....	8	.....	8	.....	.....	8
Massachusetts	.....	18	.....	18	.....	18	.....	18	.....	.....	18	.....	17
Michigan	.....	.....	15	15	.....	15	.....	15	.....	15	.....	.....	19
Minnesota	.....	.....	12	12	.....	12	.....	12	.....	12	.....	.....	11
Mississippi	.....	10	.....	.....	10	.....	10	.....	10	.....	10	.....	9
Missouri	.....	18	.....	.....	18	18	.....	18	.....	18	.....	.....	15
Montana	.....	4	.....	.....	4	4	.....	4	.....	4	.....	.....	4
Nebraska	.....	8	.....	.....	8	8	.....	8	.....	8	.....	.....	7
Nevada	.....	3	.....	.....	3	3	.....	3	.....	3	.....	.....	3
New Hampshire	.....	4	.....	.....	4	4	.....	4	.....	4	.....	4	.....
New Jersey	.....	14	.....	14	.....	14	.....	14	.....	14	.....	.....	16
New Mexico	.....	3	.....	.....	3	3	.....	3	.....	3	.....	.....	3
New York	.....	45	.....	45	.....	45	.....	45	.....	45	.....	.....	47
North Carolina	.....	12	.....	.....	12	.....	12	.....	12	12	.....	.....	13
North Dakota	.....	5	.....	.....	5	5	.....	5	.....	5	.....	.....	4
Ohio	.....	24	.....	.....	24	24	.....	24	.....	24	.....	.....	26
Oklahoma	.....	10	.....	.....	10	10	.....	.....	10	10	.....	.....	11
Oregon	.....	5	.....	5	.....	5	.....	5	.....	5	.....	.....	5
Pennsylvania	.....	.....	38	38	.....	38	.....	38	.....	38	.....	36	.....
Rhode Island	.....	5	.....	5	.....	5	.....	5	.....	.....	5	.....	4
South Carolina	.....	9	.....	.....	9	.....	9	.....	9	.....	9	.....	8
South Dakota	.....	.....	5	5	.....	5	.....	5	.....	5	.....	.....	4
Tennessee	.....	12	.....	.....	12	12	.....	.....	12	12	.....	.....	11
Texas	.....	20	.....	.....	20	.....	20	.....	20	20	.....	.....	23
Utah	4	.....	.....	.....	4	4	.....	4	.....	4	.....	.....	4
Vermont	4	.....	.....	4	.....	4	.....	4	.....	4	.....	3	.....
Virginia	.....	12	.....	.....	12	.....	12	.....	12	12	.....	.....	11
Washington	.....	.....	7	.....	7	7	.....	7	.....	7	.....	.....	8
West Virginia	.....	8	.....	7	1	8	.....	8	.....	8	.....	.....	8
Wisconsin	.....	13	.....	13	.....	13	.....	(1)	(1)	13	.....	.....	12
Wyoming	.....	3	.....	.....	3	3	.....	3	.....	3	.....	.....	3

[1] See headnote.

Sources: 1912 to 1920, Journal of the Senate, Washington, D. C.; 1924, 1928, and 1932 data compiled by Clerk of the House of Representatives.

No. 167.—APPORTIONMENT OF CONGRESSIONAL REPRESENTATION

NOTE.—The ratio given at the head of each column indicates the number of inhabitants per Member of the House of Representatives according to the Constitution and the several apportionment acts. No apportionment under Census of 1920

State	Ratios under Constitution and censuses														
	Constitution	1790	1800	1810	1820	1830	1840	1850[1]	1860[2]	1870[3]	1880	1890	1900	1910	1930
	30,000	33,000	33,000	35,000	40,000	47,700	70,680	93,423	127,381	131,425	151,911	173,901	194,182	211,877	279,712
	Representation														
Total	65	106	142	186	213	242	232	237	243	293	332	357	391	435	435
Alabama				[4]1	3	5	7	7	6	8	8	9	9	10	9
Arizona														[5]1	1
Arkansas						[4]1	1	2	3	4	5	6	7	7	7
California							[4]2	2	3	4	6	7	8	11	20
Colorado										[4]1	1	2	3	4	4
Connecticut	5	7	7	7	6	6	4	4	4	4	4	4	5	5	6
Delaware	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Florida							[4]1	1	1	2	2	2	3	4	5
Georgia	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10
Idaho											[4]1	1	1	2	2
Illinois				[4]1	1	3	7	9	14	19	20	22	25	27	27
Indiana				[4]1	3	7	10	11	11	13	13	13	13	13	12
Iowa							[4]2	2	6	9	11	11	11	11	9
Kansas									1	3	7	8	8	8	7
Kentucky		2	6	10	12	13	10	10	9	10	11	11	11	11	9
Louisiana				[4]1	3	3	4	4	5	6	6	6	7	8	8
Maine				[6]7	7	8	7	6	5	5	4	4	4	4	3
Maryland	6	8	9	9	9	8	6	6	5	6	6	6	6	6	6
Massachusetts	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15
Michigan						[4]1	3	4	6	9	11	12	12	13	17
Minnesota								[4]2	2	3	5	7	9	10	9
Mississippi				[4]1	1	2	4	5	5	6	7	7	8	8	7
Missouri					1	2	5	7	9	13	14	15	16	16	13
Montana											[4]1	1	1	2	2
Nebraska									[4]1	1	3	6	6	6	5
Nevada									[4]1	1	1	1	1	1	1
New Hampshire	3	4	5	6	6	5	4	3	3	3	2	2	2	2	2
New Jersey	4	5	6	6	6	6	5	5	5	7	7	8	10	12	14
New Mexico														[5]1	1
New York	6	10	17	27	34	40	34	33	31	33	34	34	37	43	45
North Carolina	5	10	12	13	13	13	9	8	7	8	9	9	10	10	11
North Dakota											[4]1	1	2	3	2
Ohio			[4]1	6	14	19	21	21	19	20	21	21	21	22	24
Oklahoma													[4]5	8	6
Oregon								[4]1	1	1	1	2	2	3	3
Pennsylvania	8	13	18	23	26	28	24	25	24	27	28	30	32	36	34
Rhode Island	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2
South Carolina	5	6	8	9	9	9	7	6	4	5	7	7	7	7	6
South Dakota											[4]2	2	2	3	2
Tennessee		[4]1	3	6	9	13	11	10	8	10	10	10	10	10	9
Texas							[4]2	2	4	6	11	13	16	18	21
Utah												[4]1	1	2	2
Vermont		2	4	6	5	5	4	3	3	3	2	2	2	2	1
Virginia	10	19	22	23	22	21	15	13	11	9	10	10	10	10	9
Washington											[4]1	2	3	5	6
West Virginia										3	4	4	5	6	6
Wisconsin							[4]2	3	6	8	9	10	11	11	10
Wyoming											[4]1	1	1	1	1

[1] Membership increased from 233 to 234 by act of July 30, 1852. (10 Stat. L. 25.)
[2] Membership increased from 233 to 241 by act of Mar. 4, 1862. (12 Stat. L. 353.)
[3] Membership originally fixed at 283 but increased by act of May 30, 1872, to 292. (17 Stat. L. 192.)
[4] Assigned after apportionment.
[5] Included in apportionment act in anticipation of its becoming a State.
[6] 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: Reports of the Bureau of the Census, Department of Commerce.

9. NATIONAL GOVERNMENT FINANCES

General note as to bases used in compiling statistics of receipts and expenditures of the United States Government.—Four different bases are used in compiling both the receipts and expenditures of the Government. These bases, in the case of receipts, are the daily Treasury statements (unrevised and revised), warrants issued, and collections reported. The expenditures of the Government are published on the first three of these bases and also on the basis of checks issued. Figures in the daily Treasury statements (unrevised) which are on a *current cash* basis are compiled from the latest daily reports from the Treasury offices or public depositories. Owing to the distance of some of these offices and depositories from the Treasury, *reports from them* are somewhat delayed in reaching the Treasury, and consequently it is necessary to issue the unrevised Treasury statements before they are received. The figures for actual transactions during a month or year which are calculated to take into account these delayed reports are said to be on a basis of daily Treasury statements (revised). The unrevised figures are the basis of the Budget estimates submitted to Congress by the President.

It is provided by law that warrants shall be issued by the Secretary of the Treasury in acknowledgment of money received, and that warrants must be drawn by the Secretary of the Treasury for all disbursements of money. Some of these warrants for expenditures do not represent actual payments but are merely advances of credit to disbursing officers, who then issue checks in payment of Government obligations. Expenditures on the basis of warrants issued include unexpended balances to the credit of disbursing officers at the end of the year but do not include expenditures made during the year from unexpended balances of the preceding year.

Expenditures on the basis of checks issued (table 172) represent most accurately the actual expenditures during any given year. They differ from expenditures shown by daily Treasury statements (revised), because they include checks outstanding at the end of the year and exclude unpaid checks at the beginning of the year.

Government transactions are classified according to the accounts through which they are effected. The three classes of accounts are: General fund accounts, which include the general revenues and from which the operating expenses of the Government, including capital outlays and fixed charges, are paid under appropriations by Congress; special fund accounts, or funds received under special authorizations of law which are earmarked for some specific purpose; and trust fund accounts, representing money received and held in trust for the benefit of individuals or classes of individuals. The latter are not strictly Government moneys and are shown separately in all tables except no. 169.

All figures for receipts and expenditures include postal surpluses or deficiencies only; postal revenues other than surplus receipts and postal expenditures payable from postal revenues are shown in table 169.

No. 168.—RECEIPTS AND EXPENDITURES: By Months

NOTE.—All figures in millions and tenths of millions of dollars. Figures are on the "current cash" basis shown by daily Treasury statements, unrevised; see general note above

Year and month	Receipts, general and special accounts						Expenditures, general and special accounts				Trust and contributed accounts [1]	
	Total	Customs	Internal revenue			Miscellaneous receipts	Total	General, excl. public debt retirements	Public debt retirements [2]	Emergency	Receipts	Expenditures
			Income tax	Processing tax	Other							
1933—July	163.2	25.1	12.9	0.2	113.1	12.0	271.0	195.6	(3)	75.4	15.8	7.5
Aug	187.8	32.7	14.5	9.1	120.2	5.3	309.7	171.1	-------	138.7	9.7	10.9
Sept	321.0	33.8	135.8	23.1	122.9	5.5	328.8	247.7	-------	81.1	12.3	10.6
Oct	255.6	31.9	9.9	25.6	169.8	18.4	500.1	395.9	-------	104.2	17.1	8.6
Nov	208.9	26.6	19.0	20.2	97.8	36.3	499.4	200.7	5.2	293.5	10.6	11.0
Dec	332.4	25.0	133.3	46.2	112.3	15.6	712.9	227.4	22.5	463.0	9.4	12.2
1934—Jan	211.0	26.3	10.1	34.7	128.0	11.8	980.6	147.9	24.7	808.0	18.2	16.4
Feb	205.7	23.3	22.7	32.9	115.7	11.1	635.3	188.0	-------	447.3	2,818.5	8.6
Mar	420.1	23.1	232.0	37.1	120.8	[4] 1.9	610.2	160.4	(3)	449.8	14.5	13.4
Apr	182.3	23.8	15.2	32.0	105.0	6.3	974.4	304.8	300.0	369.6	17.0	2,009.5
May	236.6	21.0	24.6	43.6	118.7	28.7	549.4	191.5	7.4	350.4	10.2	13.9
June	391.0	20.8	188.0	39.5	130.4	12.3	733.3	310.1	.1	423.1	20.3	16.1
Fiscal year 1934, total	3,115.6	313.4	818.0	353.0	1,468.6	161.5	7,105.1	2,741.1	359.9	4,004.1	2,973.6	2,138.7
1934—July	218.2	19.3	17.8	38.8	132.3	9.9	466.3	230.4	(3)	235.9	14.5	12.5
Aug	286.3	23.0	25.1	43.0	145.3	49.8	513.7	204.1	(3)	309.6	11.0	9.4
Sept	449.4	36.2	172.8	42.4	176.5	21.1	515.6	232.7	(3)	282.9	12.6	[4] 2
Oct	259.9	30.5	19.1	49.3	151.0	10.0	758.5	385.3	89.4	283.8	42.4	13.1
Nov	246.6	28.4	21.0	47.3	118.5	31.4	638.6	209.5	39.3	389.8	45.6	18.0
Dec	384.7	32.4	164.3	41.7	131.4	14.9	652.4	320.4	11.3	320.7	54.4	11.3
1935—Jan	202.8	26.4	18.8	45.8	113.6	[4] 1.8	468.5	210.1	6.2	252.2	30.7	12.8
Feb	214.1	25.0	27.6	44.4	109.5	7.7	498.4	243.9	2.8	251.6	23.1	30.6
Mar	600.7	32.3	326.3	46.5	188.9	6.7	560.5	263.5	4.4	287.7	44.9	25.7
Apr	227.9	31.5	29.0	43.8	115.6	8.0	796.6	331.7	185.6	279.4	40.0	18.5
May	246.1	30.3	23.2	43.0	136.9	12.8	611.1	205.8	69.3	336.0	20.1	[4] 327.5
June	483.7	28.2	253.7	35.3	137.7	8.8	905.6	315.3	165.3	425.0	32.3	25.1
Fiscal year 1935, total	3,800.5	343.4	1,099.1	531.4	1,657.2	179.4	7,375.8	3,147.7	573.6	3,654.6	371.5	[4] 150.5

[1] Receipts include increment resulting from reduction in weight of gold dollar and seniorage; expenditures include exchange stabilization fund, melting losses, etc., and other items chargeable against increment on gold, and beginning June 1935, net transactions in checking accounts of certain special governmental agencies the balances of which were transferred on May 31, 1935, to these accounts.

[2] Statutory debt retirements from sinking fund and certain earmarked receipts.

[3] Less than $50,000.

[4] Counter entry, deduct.

Source: Reports of the Treasury Department.

No. 169.—RECEIPTS AND EXPENDITURES OF THE GOVERNMENT

NOTE.—In thousands of dollars. Figures prior to 1916 are on the basis of warrants issued (not); thereafter on the basis of daily Treasury statements (unrevised) except as noted. General, special, emergency, and trust accounts are included. See general note, p. 162

Yearly average or year ended June 30—	Ordinary receipts							Surplus (+) or deficit (−) ordinary receipts compared with expenditures chargeable against them [2]	Postal revenues, excluding surplus postal receipts [3]	Postal expenditures, excluding postal deficiencies [3]
	Total	Customs [1]	Internal revenue		Sales of public lands	Surplus postal receipts	Miscellaneous receipts			
			Income and profits tax	Miscellaneous						
1789–1800 [4]	5,717	5,020	----------	[5] 375	[5] 9	[5] 30	283	−59	117	108
1801–1810 [6]	13,055	12,046	----------	201	456	[5] 22	329	+3,960	403	390
1811–1820 [6]	21,032	16,383	----------	1,544	1,623	50	1,429	−2,910	862	823
1821–1830 [6]	21,923	19,852	----------	31	1,388	(7)	649	+5,762	1,400	1,415
1831–1840 [6]	30,460	20,470	----------	5	7,452	(7)	2,533	+5,966	3,347	3,272
1841–1850 [8]	28,545	25,649	----------	[5] 1	2,085	-------	809	−5,553	4,622	4,589
1851–1860	60,237	54,498	----------	----------	4,582	-------	1,156	+75	6,798	6,947
1861–1865	160,907	68,988	[9] 28,006	[5] 27,283	555	-------	19,994	−522,878	10,961	10,357
1866–1870	447,300	178,903	50,603	171,315	2,109	-------	44,368	+69,658	16,422	17,443
1871–1875	336,830	186,200	7,760	112,217	2,223	-------	28,429	+49,370	23,842	23,661
1876–1880	288,124	146,594	(7)	116,697	1,025	-------	23,808	+32,526	29,762	29,253
1881–1885	366,961	201,963	[10] 29	132,102	6,086	-------	26,799	+109,270	42,011	42,466
1886–1890	375,448	216,557	----------	126,683	8,097	-------	24,111	+96,314	52,508	52,120
1891–1895	362,891	176,862	[11] 77	150,228	2,650	-------	23,136	−10,708	72,964	74,001
1892	354,938	177,453	----------	153,971	3,262	-------	20,252	+9,914	70,930	72,990
1893	385,820	203,355	----------	161,028	3,182	-------	18,255	+2,342	75,807	75,667
1894	306,355	131,819	----------	147,111	1,674	-------	25,752	−61,170	75,080	78,808
1895	324,729	152,159	77	143,345	1,103	-------	28,046	−31,466	76,983	76,197
1896	338,142	160,022	----------	146,763	1,006	-------	30,352	−14,037	82,499	81,643
1897	347,722	176,554	----------	146,689	865	-------	23,614	−18,052	82,665	82,948
1898	405,321	149,575	----------	170,901	1,243	-------	83,603	−38,047	89,013	87,563
1899	515,961	206,128	----------	273,437	1,678	-------	34,717	−89,112	95,021	93,440
1900	567,241	233,165	----------	295,328	2,837	-------	35,911	+46,380	102,355	100,534
1901	587,685	238,585	----------	307,181	2,965	-------	38,954	+63,068	111,631	110,658
1902	562,478	254,445	----------	271,880	4,144	-------	32,009	+77,244	121,848	122,407
1903	501,881	284,480	----------	230,810	8,926	-------	37,665	+44,875	134,224	136,043
1904	541,087	261,275	----------	232,904	7,453	-------	39,455	−42,573	143,583	145,893
1905	544,275	261,799	----------	234,096	4,859	-------	43,521	−23,004	152,827	152,355
1906	594,984	300,252	----------	249,150	4,880	-------	40,703	+24,782	167,933	165,802
1907	665,860	332,233	----------	289,667	7,879	-------	56,081	+86,732	183,585	182,648
1908	601,862	286,113	----------	251,711	9,732	-------	54,306	−57,334	191,479	195,501
1909	604,320	300,712	----------	246,213	7,701	-------	49,695	−89,423	203,562	201,541
1910	675,512	333,683	20,952	268,982	6,356	-------	45,539	−18,105	224,129	221,515
1911	701,833	314,497	33,517	289,012	5,732	-------	59,075	+10,031	237,880	237,661
1912	692,609	311,322	28,583	293,029	5,393	-------	54,283	+2,728	246,744	246,961
1913	724,111	318,891	35,006	309,411	2,910	-------	57,893	−401	266,620	261,082
1914	734,673	292,320	71,381	308,060	2,572	3,800	55,940	−408	284,135	283,558
1915	697,911	209,787	80,202	335,468	2,167	3,500	66,787	−62,676	283,748	291,945
1916	782,535	213,186	124,937	387,765	1,888	-------	54,759	+48,478	312,058	300,728
1917	1,124,325	225,962	359,681	449,685	1,893	5,200	81,908	−853,357	324,526	319,890
1918	3,664,583	179,998	2,314,006	872,028	1,969	48,631	247,950	−9,033,254	295,345	322,628
1919	5,152,257	184,458	3,018,784	1,206,501	1,405	89,906	561,204	−13,370,638	274,941	362,161
1920	6,694,565	322,903	3,944,949	1,460,082	1,910	5,213	959,508	+212,475	431,937	418,807
1921	5,624,933	308,564	3,206,046	1,390,380	1,530	-------	718,412	+86,724	463,491	489,508
1922	4,109,104	356,443	2,068,128	1,145,126	895	81	538,431	+313,802	484,772	481,316
1923	4,007,135	561,929	1,678,607	945,865	657	-------	820,077	+309,657	532,828	524,366
1924	4,012,045	545,638	1,842,144	953,013	522	-------	670,728	+505,367	572,949	574,774
1925	3,780,149	547,561	1,760,538	828,638	624	-------	642,788	+250,505	599,591	616,120
1926	3,962,756	579,430	1,982,040	855,599	754	-------	544,932	+377,768	659,820	640,286
1927	4,129,394	605,500	2,224,993	644,422	621	-------	653,859	+635,810	683,122	687,365
1928	4,042,348	568,980	2,173,953	621,019	385	-------	678,006	+398,828	693,634	693,675
1929	4,033,250	602,263	2,330,712	607,308	315	-------	492,653	+184,787	696,948	687,709
1930	4,177,942	587,001	2,410,987	628,308	396	-------	551,250	+183,789	705,484	711,986
1931	3,317,233	378,354	1,860,394	569,387	230	-------	508,868	−902,717	656,463	656,888
1932	2,121,228	327,755	1,057,336	503,670	170	-------	232,296	−3,153,098	588,172	590,846
1933	2,238,356	250,750	746,206	858,218	103	-------	383,079	−3,008,267	587,631	582,626
1934	[12]3,277,734	313,434	817,961	[13]1,822,642	99	-------	[12]323,596	−3,965,992	586,733	578,764

[1] Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax is included in miscellaneous receipts.
[2] Surplus or deficit takes into account public debt retirements chargeable against ordinary receipts beginning 1921. See p. 164 for expenditures chargeable against ordinary receipts.
[3] Based on reports of the Post Office Department. Expenditures include adjusted losses, etc., postal funds, and expenditures from postal balances; they exclude departmental expenditures in Washington, D. C., to the close of the fiscal year 1922, and amounts transferred to the civil-service retirement and disability fund, fiscal years 1921 to 1926; in 1927 to 1934 the 3½ percent salary deductions are included.
[4] Average for period Mar. 4, 1789, to Dec. 31, 1800.
[5] Averages are for entire period though there were no receipts under these items certain years.
[6] Years ended Dec. 31. [7] Less than $500. [8] Average for period Jan. 1, 1841, to June 30, 1850.
[9] Average for 1863 to 1865. [10] Average for 1881 and 1884. [11] One year only, 1895.
[12] Exclusive of $2,811,376,000 increment resulting from reduction in the weight of the gold dollar.
[13] Includes $353,049,000 processing tax on farm products.

No. 169.—RECEIPTS AND EXPENDITURES OF THE GOVERNMENT—Continued

[In thousands of dollars]

Yearly average or year ended June 30—	Expenditures chargeable against ordinary receipts								
	Ordinary expenditures								
	Total	Civil and miscellaneous [14]	War Department [15]	Navy Department [15]	Indians [16]	Bureau of Pensions and Veterans' Administration [17]	Postal deficiencies [16 18]	Interest on the public debt	Public debt retirements
1789–1800 [19]	5,776	829	1,464	[20] 745	27	82	----	2,620	----
1801–1810 [19]	9,086	1,870	1,632	1,636	164	78	----	3,703	----
1811–1820 [19]	23,942	2,589	10,742	4,675	317	741	----	4,877	----
1821–1830 [19]	16,161	3,144	3,918	3,295	599	1,247	----	3,956	----
1831–1840 [19]	24,494	5,616	8,321	5,041	2,612	2,572	----	[20] 331	----
1841–1850 [19]	34,097	7,844	13,491	7,619	1,458	1,790	[20] 195	1,701	----
1851–1860	60,162	21,233	15,784	11,996	3,266	1,531	3,574	2,776	----
1861–1865	683,785	25,894	547,752	65,329	3,203	4,858	2,146	34,600	----
1866–1870	377,642	54,524	127,815	28,382	4,488	23,428	[20] 3,562	135,440	----
1871–1875	287,459	68,637	40,186	23,328	7,504	30,682	5,544	111,580	----
1876–1880	255,698	56,269	37,170	15,990	5,405	35,601	4,972	100,191	----
1881–1885	257,691	66,536	43,010	15,863	7,328	59,510	[20] 1,703	63,742	----
1886–1890	279,134	79,965	40,085	17,872	6,429	85,057	5,099	44,027	----
1891–1895	363,590	94,209	50,326	29,185	10,651	142,935	6,801	29,402	----
1892	345,023	93,117	46,895	29,174	11,151	137,256	4,051	23,378	----
1893	383,478	95,095	49,642	30,136	13,345	162,048	5,947	27,264	----
1894	367,525	90,920	54,503	31,701	10,203	143,951	8,250	27,841	----
1895	356,195	79,332	51,805	28,798	9,940	144,326	11,017	30,978	----
1896	352,179	75,140	50,831	27,148	12,166	141,210	9,300	35,335	----
1897	365,774	70,503	48,950	34,502	13,017	143,802	11,149	37,791	----
1898	443,369	88,718	91,992	58,824	10,995	150,154	10,504	37,585	----
1899	605,072	108,459	229,841	63,942	12,806	141,916	8,212	39,897	----
1900	520,861	129,177	134,775	55,953	10,175	143,389	7,231	40,160	----
1901	524,617	129,551	144,616	60,567	10,896	141,740	4,955	32,343	----
1902	485,234	122,606	112,272	67,803	10,050	140,903	2,402	29,108	----
1903	517,006	130,587	118,630	82,618	12,935	140,912	2,769	28,556	----
1904	583,660	128,949	165,200	102,956	10,438	144,967	6,503	24,646	----
1905	567,279	125,554	126,094	117,550	14,236	144,188	15,065	24,591	----
1906	570,202	129,347	137,326	110,474	12,747	143,327	12,673	24,309	----
1907	579,129	143,502	149,775	97,128	15,164	141,449	7,629	24,481	----
1908	659,196	160,557	175,840	118,037	14,580	155,867	12,888	21,426	----
1909	693,744	165,049	192,487	115,546	15,695	163,663	19,501	21,804	----
1910	693,617	169,709	189,823	123,174	18,504	162,569	8,496	21,343	----
1911	691,202	172,043	197,199	119,938	20,934	159,776	----	21,311	----
1912	689,881	170,503	184,123	135,592	20,135	155,345	1,568	22,616	----
1913	724,512	167,816	202,129	133,263	20,306	177,072	1,027	22,899	----
1914	735,081	168,578	208,350	139,682	20,216	175,392	----	22,864	----
1915	760,587	198,854	202,160	141,836	22,130	166,067	6,637	22,903	----
1916	734,056	190,170	183,176	153,854	17,570	160,885	5,500	22,901	----
1917	1,977,682	1,139,623	377,941	239,633	30,508	165,145	----	24,743	----
1918	12,696,702	6,073,042	4,869,955	1,278,840	30,888	251,412	2,221	189,743	1,134
1919	18,514,880	6,522,338	9,009,076	2,002,311	34,593	327,003	344	619,216	8,015
1920	6,403,344	2,662,137	1,621,953	736,021	40,517	322,349	115	1,020,252	78,746
1921	5,115,928	1,557,001	1,118,076	650,374	41,471	618,332	130,128	990,145	422,282
1922	3,372,508	625,406	457,755	476,775	38,500	718,823	64,346	991,001	422,695
1923	3,294,628	676,541	397,051	333,201	45,143	754,241	32,527	1,055,924	402,850
1924	3,048,678	690,292	357,017	332,249	46,754	669,125	12,639	940,603	458,000
1925	3,063,105	666,179	370,981	346,142	38,755	736,025	23,217	881,807	466,538
1926	3,097,612	729,113	364,090	312,743	48,442	771,810	39,508	831,938	487,376
1927	2,974,030	648,989	369,114	318,909	36,792	785,943	27,263	787,020	519,555
1928	3,103,265	764,562	400,990	331,335	36,991	805,543	32,080	731,764	540,255
1929	3,298,859	888,864	425,947	364,562	34,087	812,370	94,700	678,330	549,604
1930	3,440,269	903,394	464,854	374,166	32,067	824,726	91,714	659,348	553,884
1931	3,779,868	1,130,346	487,718	354,071	37,489	1,013,041	145,644	611,560	440,082
1932	4,861,696	2,137,111	478,889	357,821	32,608	1,053,114	202,876	599,277	412,630
1933	4,845,018	2,265,878	450,766	349,732	27,225	944,672	117,380	689,365	461,605
1934	[21] 6,883,862	[21] 4,700,692	411,546	297,152	31,169	[22] 634,032	25,003	756,617	359,864

[14] Prior to 1916, includes civil expenditures under War and Navy Departments at Washington included thereafter under the respective departments; revised to exclude Bureau of Pensions, 1871 to 1930.

[15] See note 14. War Department includes expenditures for rivers and harbors and Panama Canal.

[16] Figures for Indians and prior to 1922, for postal deficiencies, are on the basis of warrants issued.

[17] Beginning 1931, figures represent expenditures for the Veterans' Administration, which includes the former Bureau of Pensions, Bureau of National Homes, and Veterans' Bureau. Prior to 1871, figures include only Army and Navy pensions and fees of examining surgeons; thereafter, they include also salaries and expenses of Bureau of Pensions (except salaries and expenses, civil employees retirement act) and pension agencies. Figures for 1917 to 1921 include expenditures by Bureau of War Risk Insurance and for vocational rehabilitation and for 1922 to 1930, Veterans' Bureau. Operations in the Government life insurance fund and adjusted service certificate fund are included. Expenditures from the civil-service retirement and disability fund are not included. Figures prior to 1931 are on the basis of warrants issued.

[18] Exclusive of amounts transferred to civil-service retirement and disability fund.

[19] See notes on corresponding periods, p. 163.

[20] See note 6, p. 163.

[21] Exclusive of $2,000,000,000 exchange stabilization fund chargeable against increment on gold.

[22] Excludes a small amount of miscellaneous trust funds not segregated in daily Treasury statements.

Source: Reports of the Treasury Department.

No. 170.—RECEIPTS AND EXPENDITURES: By Major Classifications, Years Ended June 30

Note.—In thousands of dollars. Figures are on the basis of daily Treasury statements (unrevised). See general note, p. 162

	1931	1932	1933	1934
GENERAL AND SPECIAL ACCOUNTS				
Receipts, total	3,189,639	2,006,725	2,079,697	3,116,554
Internal revenue	2,429,781	1,561,006	1,604,424	2,640,604
Income tax	1,860,394	1,057,336	746,206	817,961
Miscellaneous internal revenue	569,387	503,670	858,218	1,469,594
Processing tax on farm products				353,049
Customs [1]	378,354	327,755	250,750	313,434
Principal and interest—foreign obligations	236,063		98,758	20,430
Proceeds of other Government-owned securities	28,326	22,368	32,091	57,415
Panama Canal tolls, etc	26,624	22,588	23,268	27,103
Other miscellaneous	90,491	72,008	70,407	56,567
General expenditures, total [2]	4,091,598	4,385,910	3,865,915	3,100,915
Departmental, total [3]	809,429	958,289	806,791	341,335
Legislative establishment	23,978	27,319	21,477	17,653
Executive proper	507	425	369	359
State Department	15,753	18,882	15,226	11,121
Treasury Department [4]	204,657	287,945	267,605	108,538
War Department (nonmilitary) [4]				4,110
Department of Justice	44,403	51,039	44,088	31,599
Post Office Department	82	126	58	12,206
Interior Department	64,543	81,445	74,580	45,922
Department of Agriculture	[5] 296,866	[5] 318,976	[5] 250,981	58,303
Department of Commerce	61,477	52,700	45,968	27,452
Department of Labor	12,181	14,701	13,678	10,832
Shipping Board	33,962	61,541	28,519	[6] 9,644
Other independent offices and commissions	50,836	52,545	45,237	22,365
Unclassified items	183	45	[6] 895	360
Public building construction and sites, Treasury Department [3 4]				75,516
River and harbor work [7]	121,034	116,799	118,391	78,281
National defense: [7]				
Army [4]	355,809	349,989	318,331	205,306
Navy	353,768	357,618	349,562	274,383
Veterans Administration [3]	708,610	784,842	763,155	506,549
Adjusted service certificate fund	224,000	200,000	100,000	50,000
Agricultural Adjustment Administration [7]				279,723
Farm Credit Administration [7 8]			[6] 1,462	23,123
Agricultural marketing fund (net) [8]	190,541	136,239	[6] 8,255	
Distribution of wheat and cotton for relief			34,241	
Refunds of receipts:				
Customs	21,369	17,203	12,577	14,046
Internal Revenue	69,888	83,922	57,763	48,664
Processing tax on farm products				1,195
Postal deficiency	145,644	202,876	117,380	52,003
Panama Canal	9,299	10,662	12,673	9,197
Federal land banks, subscriptions to stock of [7]		125,000	[6] 848	[6] 1,738
Civil-service retirement fund (Government share)	20,850	20,850	20,850	20,850
Foreign service retirement fund (Government share)	216	215	416	293
District of Columbia (Government share)	9,500	9,500	7,775	5,700
Interest on the public debt	611,560	599,277	689,365	756,017
Public debt retirements	440,082	412,630	461,605	359,864
Sinking fund	391,660	412,555	425,660	359,491
Received from foreign countries under *debt settlements*	48,246		33,887	358
Estate taxes, forfeitures, gifts, etc	176	75	2,058	15
Emergency expenditures, total [2]		767,735	1,277,038	4,004,136
Agricultural Adjustment Administration [9]				9,332
Commodity Credit Corporation [10]				164,342
Farm Credit Administration [9 10]		61,867	73,694	146,443
Federal Farm Mortgage Corporation			110	199,890
Federal land banks [9]				47,893
Federal Emergency Relief Administration		(11)	37,910	667,299
Federal Surplus Relief Corporation [10]				40,054
Civil Works Administration [10]				805,123
Emergency conservation work				331,941
Public Works:				
Boulder Canyon project				19,445
Loans and grants to States, municipalities, etc				78,596
Loans to railroads				70,739
Public highways				267,882
River and harbor works [9]				72,450
National defense: [9]				
Army				38,023
Navy				22,641
Tennessee Valley Authority				11,037
All other, including administrative expense				72,664

For footnotes see p. 166.

No. 170.—Receipts and Expenditures: By Major Classifications, Years Ended June 30—Continued

[In thousands of dollars]

	1931	1932	1933	1934
GENERAL AND SPECIAL ACCOUNTS—continued				
Home loan system:				
Home-loan bank stock			42,970	38,476
Home Owners' Loan Corporation			1,000	153,000
Federal savings and loan associations				755
Emergency Housing				369
Subsistence homesteads				2,330
Export-Import Banks of Washington [10]				2,654
Federal Deposit Insurance Corporation				149,502
Administration for Industrial Recovery				6,632
Reconstruction Finance Corp., direct loans and expenditures		705,868	1,121,354	[12] 584,623
Total general and emergency expenditures	4,091,598	5,153,645	5,142,954	7,105,050
Excess of expenditures over receipts	901,959	3,147,919	3,063,257	3,989,496
Less public debt retirements	440,082	412,630	461,605	359,864
Excess of expenditures excluding public-debt retirements	461,877	2,735,290	2,601,652	3,629,632
TRUST AND CONTRIBUTED ACCOUNTS AND INCREMENT ON GOLD [13]				
Receipts, total	127,695	115,503	158,659	2,973,556
Trust accounts:				
District of Columbia	36,458	36,894	33,357	33,254
Government life insurance fund	79,492	71,907	71,145	72,026
Adjusted service certificate fund [14]			5,793	4,807
Civil-service retirement fund [14]			40,089	39,238
Foreign service retirement fund [14]			262	262
Canal Zone retirement fund [14]			561	595
Indian tribal funds	8,263	3,089	2,777	4,640
Other	3,382	3,613	4,675	3,813
Contributed accounts [13]				3,185
Unclassified items				359
Increment resulting from reduction in weight of gold dollar				2,811,376
Expenditures, total	128,353	120,681	163,669	2,138,676
Trust accounts:				
District of Columbia, including teachers' retirement fund	38,869	39,525	34,604	30,090
Government life insurance fund	70,696	74,345	70,399	71,498
Adjusted service certificate fund	216	[6] *6,096*	9,420	6,233
Civil service retirement fund	[6] *546*	10	40,067	38,483
Foreign service retirement fund	2	[6] *9*	258	265
Canal Zone retirement fund		[6] *26*	539	575
Indian tribal funds	6,664	0,723	4,476	1,618
Other	3,796	2,943	3,791	[6] *18,274*
Contributed accounts [13]				2,431
Unclassified items	[6] *345*	205	117	156
Chargeable against increment on gold, exchange stabilization fund				2,000,000
Excess of receipts (+) or expenditures (−)	+758	+5,178	+5,010	−835

[1] Includes tonnage tax for 1931. Beginning 1932, tonnage tax is included with miscellaneous receipts.
[2] Emergency expenditures (except Reconstruction Finance Corporation) were not classified separately prior to the fiscal year 1934 and are included in general expenditures. Totals for 1934 are, therefore, not comparable with totals for prior years.
[3] Additional emergency expenditures under these accounts for 1934 are included under "Public Works."
[4] Public building construction and sites, Treasury Department, and War Department (nonmilitary) are included under Treasury Department, departmental, and National Defense—Army, respectively, prior to 1934.
[5] Includes road construction.
[6] Credit, deduct.
[7] Additional expenditures under this account are shown under emergency expenditures.
[8] Beginning May 27, 1933, repayments of loans from Agricultural Marketing Fund, Federal Farm Board, and interest thereon, are reflected as credits in expenditures of Farm Credit Administration.
[9] Additional expenditures under this account are shown under general expenditures.
[10] Figures include expenditures from funds allocated by the Reconstruction Finance Corporation. Commodity Credit Corporation expenditures are exclusive of $18,800,000 for this purpose included under Reconstruction Finance Corporation, direct loans and expenditures, reimbursement on account of which will be effected in the fiscal year 1935.
[11] Advances to States under 1932 Relief Act of $298,560,000 are included under Reconstruction Finance Corporation, direct loans and expenditures.
[12] Includes $18,800,000 for Commodity Credit Corporation. See note 10.
[13] Contributed accounts were not classified separately prior to 1934 and are included under special accounts.
[14] Since July 1, 1932, deductions from salaries credited to the civil service, foreign service, and Canal Zone retirement funds and earnings from investments of such funds and of adjusted service certificate fund have been classified as receipts; prior thereto, such items were used to offset expenditures for these funds.

Source: Reports of the Treasury Department.

No. 171.—RECEIPTS BY SOURCES: YEAR ENDED JUNE 30, 1934

[All figures in thousands of dollars. Data are on the basis of warrants issued. See general note, p. 162]

Source	Amount
REVENUE RECEIPTS	
General and special accounts:	
Internal revenue	2,646,902
Income taxes	817,025
Miscellaneous taxes	1,473,724
Processing tax on farm products	356,152
Customs (excluding tonnage tax)	313,522
Miscellaneous taxes	6,824
Tax on national bank circulation	4,519
Tonnage tax	1,485
Immigration head tax	749
Taxes, licenses, etc., Canal Zone	71
Interest, exchange, and dividends	79,471
Interest on deferred collections or payments	79
Interest on bonds of foreign governments under funding agreements	20,034
Interest on farmers' seed loans	1,778
Interest on public deposits	285
Interest on obligations of Reconstruction Finance Corporation	48,924
Interest on money loaned from construction loan funds	3,446
Interest and profits on Federal Farm Mortgage Corporation bonds	374
Miscellaneous interest	184
Gain by exchange	19
Dividends, Panama Railroad	2,000
Military and naval insurance [1]	868
Railroad obligations [1]	495
Dividends, Fed. Home Loan banks	553
Earnings of War Finance Corporation	100
Discount on Treasury obligations redeemed and purchased	332
Fines and penalties	2,194
Judicial	347
Customs Service	597
Immigration Service	51
Enforcement of National Prohibition Act (Judicial)	490
Liquidated damages	207
Naval fines and forfeitures	268
Recovery of value of oil—U. S. *vs.* Pan American Petroleum Co	191
Other	42
Fees	12,256
Agricultural Commodities Act	99
Clerks, United States Courts	1,459
Commissions on telephone pay stations in Federal buildings	56
Consular and passport	3,247
Copyright	250
Immigration (registration)	94
Indian lands and timber	59
Land offices (incl. commissions)	260
Marshals, United States courts	177
Naturalization	1,761
Navigation	172
Patent	4,280
Registration Securities Act	93
Testing	59
Other	188
Forfeitures	1,506
Bonds of aliens, contractors, etc	262
Customs Service	157
Under enforcement of National Prohibition Act (Judicial)	626
Unclaimed moneys and wages remaining in registry of courts	249
Unclaimed merchandise	133
Other	79

Source	Amount
REVENUE RECEIPTS—continued	
General and special accounts—Contd.	
Assessments	1,464
Colorado River Dam fund, Boulder Canyon project	73
On railroads for expenses of Federal Coordinator of Transportation	403
On Federal and joint-stock land banks and Federal intermediate credit banks [2]	171
On Federal Home Loan banks [3]	269
Furlough and compensation deductions and vacancy savings	[4] 58
Immigration Service overtime	64
Naval hospital fund	404
Other	23
Reimbursements	5,143
Collections under Grain and Cotton Standards Acts	85
Maintenance of District of Columbia inmates in Federal penal and correctional institutions	91
By contractors for excess cost over contract price	66
Expenses of redeeming national currency	470
Inspection of food and farm products	251
Hospitalization charges and expenses	52
Expenses of international service of ice observations and patrol	76
Maintenance and operation charges, irrigation systems, Indian Service	463
Of appropriations for Indian tribes	104
Reclamation fund, collections	2,081
By District of Columbia for advances for acquisition of lands under act May 29, 1930	1,000
Licenses under sec. 27, Trading with the Enemy Act	104
Other	299
Gifts and contributions	62
Sales of Government property (products)	2,190
Scrap and salvaged materials, condemned stores, waste paper, etc	989
Agricultural products (incl. dairy)	67
Card indexes, Library of Congress	206
Public documents, charts, maps, etc	486
Electric current	90
Heat, light, and power	87
Ice	55
Other	211
Sales of services	28,016
Alaska Railroad fund	1,361
Laundry and dry cleaning	816
Overhead charges on sales of services or supplies (War and Navy)	76
Quarantine charges (incl. fumigation, inspection, etc., of vessels)	228
Storage and other charges	158
Profits on sale of ships' stores, Navy	189
Telephone and telegraph	253
Tolls and profits, Panama Canal	24,747
Other	190
Rents and royalties	4,594
Rent of public buildings, etc	295
Rent of land	106
Receipts under mineral leasing acts	3,207
Royalties on oil, gas, etc	754
Rent of equipment	72
Rent of water-power sites	74
Other	86

For footnotes see p. 168.

No. 171.—Receipts by Sources: Year Ended June 30, 1934—Continued

[All figures in thousands of dollars]

Source	Amount
REVENUE RECEIPTS—continued	
General and special accounts—Contd.	
Permits, privileges, and licenses	1,783
Alaska fund	210
Business concessions	159
Immigration permits	201
Licenses under Fed. water power act	555
Permits to enter national parks	498
Railway right-of-way, Newark, N. J.	150
Other	18
Mint receipts (profits on coinage, etc.)	2,961
Forest reserve fund	3,349
Postal receipts, Panama Canal	20
Deposits, postal funds, Canal Zone	223
U. S. share, Dist. of Col. receipts	68
Total revenue receipts	8,112,648
NONREVENUE RECEIPTS	
General and special accounts:	
Army costs due U. S. from Germany	250
Repayment of investments	2,130
Railroad obligations [1]	776
Repayment of loans to States, municipalities, etc., Public Works Admn.	763
Liquidation of capital stock, Federal land banks	114
Principal of bonds of foreign governments under funding agreements	397
Construction costs of public works in Colon and Panama	56
Other	23
Sales of public lands	99
Sales of Government property	6,405
Capital equipment, trucks, horses, cars, machinery, furniture, etc.	184
Land and buildings	212
Lands, etc., on account of military-post construction fund	284
War supplies	1,182
Oregon and California land-grant fund	269
Funds from sales of ships, etc., deposited for construction loans under Merchant Marine Act, 1920	4,182
Other	91
Total nonrevenue receipts, general and special accounts	8,884
Trust accounts:	
Government life-insurance fund	[5] 71,839
Adjusted service certificate fund, interest on investments and loans	4,807
Canal Zone retirement fund:	
Contributions	506
Interest on investments	89
Civil Service retirement fund:	
Contributions	28,703
Interest on investments	10,518

Source	Amount
NONREVENUE RECEIPTS—continued.	
Trust account—Continued	
Foreign Service retirement fund:	
Contributions	164
Interest on investments	99
Deposits, general post funds, National Homes, Veterans' Administration	182
General railroad contingent fund	280
Deposit of commissary funds, Federal prisons	242
Deposits of funds of Federal prisoners	447
Pension money and personal funds, patients, St. Elizabeths Hospital	123
Pay of the Navy, deposit fund	34
Pay of Marine Corps, deposit fund	104
Pay of the Army, deposit fund	650
Soldiers' Home permanent fund	267
Civilian Conservation Corps, withheld cash allowances	943
Indian moneys:	
Proceeds of labor	973
Oil and gas leases, etc., Osage Reservation, Oklahoma	3,026
Sales and leases of Indian lands, etc.	630
Miscellaneous trust funds	106
Contributed accounts:	
Forest Service cooperative work	1,306
Library of Congress, gift fund	67
Library of Congress trust fund, investment account	34
Collections, distilled spirits industry parity payments	316
Donations, National Park Service	286
Contributions to reclamation fund	97
For river and harbor improvements	827
For flood control	328
Miscellaneous	46
District of Columbia receipts [6]	33,233
Revenue receipts	30,935
Nonrevenue receipts	2,298
Total nonrevenue receipts, trust and contributed accounts	161,274
Total nonrevenue receipts	170,157
Total revenue and nonrevenue receipts, warrants basis	3,282,706
General and special funds	3,121,432
Trust and contributed funds	161,274
Increment resulting from reduction in the weight of the gold dollar	2,811,397
Total receipts, warrants basis	6,094,103
Adjustment to basis of daily Treasury statements	−4,993
Total receipts, basis of daily Treasury statements (unrevised)	6,089,110
General and special accounts	3,115,554
Trust and contributed accounts	162,180
Increment on gold	2,811,376

[1] Repayments to appropriations, representing cash receipts credited to appropriations.
[2] For expenses of examination, Farm Credit Administration.
[3] For salaries and expenses, Federal Home Loan Bank Board.
[4] In addition to this amount, impounded salary savings and reserve for impounded salary savings under provisions of the economy act, as amended, totaled $66,201,000 and $10,644,000, respectively, exclusive of $23,030,000 impounded salary savings and $11,636,000 reserve therefor for the Postal Service.
[5] Includes $3,241,000 representing proceeds of checks drawn by the Veterans' Administration against the adjusted service certificate fund and deposited in the Government life insurance fund on account of certificates which had not matured or been paid. As the Government life insurance fund is not entitled to reimbursement *until maturity* or payment of certificates, this transaction was adjusted by checks drawn against the Government life insurance fund for deposit as a repayment to the adjusted service certificate fund. Consequently both receipts and expenditures of the Government life insurance fund are overstated by $3,241,000.
[6] District of Columbia's share; for United States share see last item under revenue receipts.

Source: Reports of the Treasury Department.

No. 172.—DETAILS OF EXPENDITURES: YEAR ENDED JUNE 30, 1934

[All figures in thousands of dollars. Figures are on the basis of checks issued. See general note, p. 162]

Object of expenditure	Amount
GENERAL AND SPECIAL FUNDS	
Legislative:	
U. S. Senate	2,999
House of Representatives	7,227
Legislative, miscellaneous	6
Architect of Capitol	2,885
Emergency	*125*
Botanic Garden	105
Library of Congress [1]	1,993
Government Printing Office	2,620
Total legislative [1]	17,836
General	17,711
Emergency	*125*
Executive office	355
Independent offices:	
American Battle Monuments Com'n	296
Board of Mediation	143
Board of Tax Appeals [1]	475
Chicago World's Fair Centennial	350
Civil Service Commission	1,233
Employees Compensation Com'n [1]	3,754
Executive Council, emergency	*30*
Federal Alcohol Control Administration, emergency	*143*
Federal Coordinator of Transportation, emergency	*402*
Federal Home Loan Bank Board	340
FederalPower Commission	398
Emergency	*127*
Federal Radio Commission	627
Federal Reserve Board	90
Federal Trade Commission [1]	1,276
General Accounting office [1]	3,464
Emergency	*145*
Interstate Commerce Commission [1]	5,058
Nat'l Adv'y Com'tee for Aeronautics	894
Emergency	*179*
National Banking Emergency Act	1,008
Nat'l Cap'l Park and Planning Com'n	154
Nat'l Emergency Council, emergency	*79*
National Labor Board, emergency	*218*
Office of Special Advisor to the President on Foreign Trade, emergency	*40*
Puerto Rican Hurricane Relief Com'n	33
Railroad Admn. and Transp'n Act	[2] *4,449*
Smithsonian Institution	841
U. S. Supreme Court Bldg. Com'n	2,645
U. S. Tariff Commission	745
War Finance Corporation	47
George Washington Bicent'l Com'n	65
Operations under Mineral Act of 1918	589
Misc. commissions, boards, etc. [1]	22
Emergency	*13*
Total above offices [1]	21,074
General	19,698
Emergency	*1,376*
Veterans' Administration:	
Salaries and expenses	63,442
Adjusted service and dependent pay	1,895
Hospital and domiciliary facilities and services	2,836
Military and naval compensation	2,038
Military and naval insurance	104,030
Nat'l Ind. Rec., Vet. Adm'n, emergency	*402*
Army and Navy pensions	319,322
State and Territorial homes	152
Miscellaneous [1]	2,326
Total [1]	496,443
General	496,041
Emergency	*402*
Adjusted-service certificate fund [1]	50,000
Civil Service retirement fund [1]	20,850
Total, Veterans' Administration [1]	567,293
General	566,891
Emergency	*402*

Object of expenditure	Amount
GENERAL AND SPECIAL FUNDS—con.	
Independent Offices—Continued.	
Miscellaneous emergency:	
Commodity Credit Corporation	*2,574*
Emergency conservation fund	*313,002*
Export-import banks of Washington	*66*
Federal Civil Works Administration	*717,334*
Federal Emergency Housing Corp	*864*
Federal Emergency Relief Admin	*344,667*
National Industrial Recovery:	
Federal Emergency Relief Adm'n	*10*
Fed. Emer. Relief Admn., surplus relief	*23*
Administration	*7,006*
Tennessee Valley Authority	*11,467*
Total, miscellaneous emergency	*1,397,011*
Federal Emergency Administration of Public Works, emergency:	
Administrative expenses	*6,002*
Loans and grants to States, municipalities, railroads, etc	*155,720*
Total, Federal Emergency Administration of Public Works	*161,722*
Farm Credit Administration:	
Salaries and expenses	2,435
Agric'l marketing revolving fund	73,204
Emergency	*60,000*
Revolving fund (emergency account, Farm Credit Act)	67,500
Emergency	*40,000*
Farmers crop production and harvesting loans, emergency	*28,492*
Repayment of loans on account of distribution of Government-owned wheat and cotton	4,947
Agricultural credits and rehabilitation, emergency relief	[2] *4,371*
Loans to farmers in storm, flood, and drought-stricken areas	[2] *13,048*
Miscellaneous [1]	[2] *8,371*
Total, Farm Credit Administration [1]	150,794
General	22,302
Emergency	*128,492*
Total, independent offices [1]	2,207,892
General	608,891
Emergency	*1,689,002*
Department of Agriculture:	
Office of the Secretary	769
Emergency	*8*
Office of Information	915
Library	87
Office of Experiment Stations	4,557
Emergency	*6*
Extension Service	1,189
Cooperative extension work	8,352
Weather Bureau	3,056
Emergency	*98*
Bureau of Animal Industry	7,477
Emergency	*995*
Meat inspection, Bu. of Animal Ind	4,663
Bureau of Dairy Industry	672
Emergency	*131*
Bureau of Plant Industry	5,390
Emergency	*1,836*
Forest Service [1]	18,247
Emergency	*8,747*
Payments to States and Territories from national forest funds	679
Acquisition of additional forest lands	443
Bureau of Chemistry and Soils	1,408
Emergency	*68*
Bureau of Biological Survey	1,358
Emergency	*291*
Bureau of Agricultural Economics	4,707

[1] For trust fund expenditures, see "Trust accounts," p. 172. [2] Credit, deduct.

No. 172.—Details of Expenditures: Year Ended June 30, 1934—Continued

[All figures in thousands of dollars]

Object of expenditure	Amount
GENERAL AND SPECIAL FUNDS—CON.	
Department of Agriculture—Continued.	
Bureau of Agricultural Engineering	487
Emergency	*141*
Bureau of Home Economics	173
Emergency	*1*
Bureau of Entomology and Plant Quarantine	5,906
Emergency	1,585
Enforcement of Grain Futures Act	163
Food and Drug Administration	1,520
Emergency	*80*
Agr. Adj. Admn., N. R. A. Codes, emergency	*23*
Miscellaneous [1]	[2] *363*
Emergency	[2] *365*
Total, Agriculture, departmental [1]	71,779
General	58,201
Emergency	*13,577*
Agricultural Adjustment Adm:	
Advances to Agr. Adj. Admn	293,996
Refunding processing taxes	1,374
Nat'l Ind'l Recovery, emergency	*2,745*
Salaries and expenses, emergency	*8,123*
Total Agr. Adjustment Admn	306,238
General	295,371
Emergency	*10,867*
Public highways, emergency:	
Mount Vernon Memorial Highway	*34*
Rural road construction, incl. N. I. R.	*237,245*
Flood relief, restoration of roads, etc	*342*
Forest roads, trails, and highways	*19,660*
Total public highways	[3] 247,280
Total, Department of Agriculture	625,297
General	353,572
Emergency	*271,725*
Department of Commerce:	
Office of the secretary	673
Fed. Employment Stabilization Bd	29
Aircraft in Commerce	5,327
Emergency	*392*
Bureau of Foreign and Domestic Commerce	2,071
Bureau of the Census	1,460
Bureau of Navigation and Steamboat Inspection Service	1,297
Emergency	*19*
Bureau of Standards	1,385
Emergency	*76*
Bureau of Lighthouses	9,619
Emergency	*1,330*
Coast and Geodetic Survey	4,895
Emergency	*3,150*
Bureau of Fisheries	1,538
Emergency	*327*
Patent Office	3,943
Miscellaneous [1]	[2] *71*
Total, Commerce, Departmental [1]	32,166
General	26,873
Emergency	*5,293*
U. S. Shipping Board	[2] *9,692*
Total, Department of Commerce [1]	22,474
General	17,182
Emergency	*5,293*
Department of the Interior:	
Office of the Secretary	4,398
Emergency	*3,735*

Object of expenditure	Amount
GENERAL AND SPECIAL FUNDS—CON.	
Department of the Interior—Continued.	
Geo. Rogers Clark Sesquicent'l Com'n [4]	306
General Land Office [1]	3,392
Emergency	*612*
Bureau of Reclamation	5,226
Emergency	*3,010*
Geological Survey	3,421
Emergency	*1,336*
Office of National Parks, Buildings, and Reservations [1]	15,209
Emergency	*5,972*
Office of Education	2,796
Fed. Bd. for Vocational Education [4]	8,132
Government in Territories [1]	4,171
Emergency	*1,121*
Beneficiaries [1]	2,628
Emergency	*506*
Bureau of Mines	1,404
Emergency	*72*
Interior, civil, miscellaneous [1]	[2] *509*
Emergency	[2] *129*
Indian Affairs: [1]	
Salaries and general expenses	8,071
Emergency	*6,873*
Education	7,813
General support and administration	1,817
Miscellaneous expenses	5,164
Interest on Indian tribal funds	507
Total, Interior, Departmental [1]	78,948
General	50,288
Emergency	*28,661*
Boulder Canyon project, emergency	*19,526*
Total, Department of the Interior [1]	98,475
General	50,288
Emergency	*48,187*
Department of Justice:	
Office of the Attorney General:	
Salaries and expenses	1,450
Detection and prosecution of crimes	297
Miscellaneous objects	465
Bureau of Prisons	185
Bureau of Prohibition	922
Division of Investigation	4,433
Veterans' insurance litigation	317
The Judiciary:	
Salaries and expenses, Supr. Court	308
Salaries and expenses of judges	2,258
Court of Customs and Patent Appeals	95
United States Customs Court	206
Court of Claims	171
Territorial Courts	77
Expenses, etc., U. S. Courts	11,268
Miscellaneous [1]	153
Penal and correctional institutions [1]	8,928
Emergency	*215*
Total, Department of Justice [1]	31,533
General	31,318
Emergency	*215*
Department of Labor:	
Office of the Secretary	593
Emergency	*9*
Bureau of Labor Statistics	400
Emergency	*4*
Bureau of Immigration and Naturalization	9,180
Emergency	*1,319*
Children's Bureau	324
Women's Bureau	137
U. S. Employment Service	1,007
Emergency	*693*
Employment Service	92

[1] For trust fund expenditures see "Trust Accounts", p. 172.
[2] Credit, deduct.
[3] Exclusive of $35,275,000 advanced to States for road construction which will not be reflected as expenditures on this basis until the moneys in possession of the States are expended and accounted for.
[4] Heretofore stated under Independent Offices.

No. 172.—Details of Expenditures: Year Ended June 30, 1934—Continued

[All figures in thousands of dollars]

Object of expenditures	Amount
GENERAL AND SPECIAL FUNDS—con.	
Department of Labor—Continued.	
Housing Corporation	17
Miscellaneous	23
Total Department of Labor [1]	12,373
General	10,443
Emergency	*1,930*
Navy Department:	
Salaries, Navy Department	3,265
Contingent expenses, etc	525
Office of the Secretary	2,301
Emergency	*1,085*
Bureau of Navigation	3,263
Bureau of Engineering	14,519
Emergency	*15*
Bureau of Construction and Repair	12,495
Bureau of Ordnance	9,277
Emergency	*211*
Bureau of Supplies and Accounts:	
Fuel and Transportation	5,067
Maintenance	6,587
Supplies and Accounts, N. I. R., emergency	*117*
Naval supply account fund	[2] *1,092*
Pay subsistence, etc., Navy	129,094
Miscellaneous [1]	[2] *13,980*
Bureau of Medicine and Surgery	2,290
Bureau of Yards and Docks	20,084
Emergency	*11,396*
Bureau of Aeronautics	16,201
Emergency	*502*
Naval Academy	1,329
Marine Corps:	
Pay	12,692
General expenses and other items [1]	4,653
Alterations to Navy vessels	5,611
Increase of the Navy	66,457
Emergency (N. I. R. allotment)	*23,457*
Miscellaneous	119
Total, Navy Department [1]	300,926
General	264,142
Emergency	*36,784*
Post Office Department:	
Salaries and expenses, public buildings, Post Office Department	9,590
Foreign mail transportation	2,000
Miscellaneous	27
Emergency	6
Deficiencies in postal revenues	52,003
Total, Post Office Department [3]	64,220
General	64,214
Emergency	*6*
Department of State:	
Salaries and expenses	1,674
Foreign intercourse [1]	10,530
Emergency	*809*
Special deposit accounts [1]	[2] 10
Foreign service retirement fund [1]	293
Total, Department of State [1]	12,488
General	11,679
Emergency	*809*
Treasury Department:	
Office of the Secretary	139
Office of the Solicitor of the Treasury	14
Office of the Chief Clerk and Supt	576
Division of Supply	922
Office Com. of Accounts and Deposits	94
Division of Bookkeeping and Warrants	913
Division of Disbursements	309
Public Debt Service [1]	3,815
Division of Appointments	38

Object of expenditures	Amount
GENERAL AND SPECIAL FUNDS—con.	
Treasury Department—Continued.	
Bureau of Customs [4]	17,051
Bureau of the Budget	155
Office of Treasurer of United States	1,407
Office of Comptroller of the Currency	271
Bureau of Internal Revenue [4]:	
Collecting the Revenue	28,505
Bureau of Industrial Alcohol	2,827
Bureau of Narcotics	1,020
Coast Guard	37,164
Emergency	*17,666*
Bureau of Engraving and Printing	4,340
Secret Service Division	649
Public Health Service [1]	9,643
Emergency	*1,397*
Bureau of the Mint	1,032
To promote the education of the blind	75
Miscellaneous [1]	126
Settlement of War Claims Act of 1928	80
Procurement Division:	
Salaries and expenses	1,801
Repairs, equipment, etc., pub. bldgs.	2,884
Operating expenses, public buildings	6,147
Total, Treasury, departmental [1]	122,606
General	103,544
Emergency	*19,063*
Refunds of receipts—	
Customs	13,884
Internal Revenue	48,024
Bureau of Industrial Alcohol	54
Procurement Div., sites, construction, etc—	
Post offices, customs houses, etc	73,124
Emergency	*3,241*
Inspection stations	382
Quarantine stations	58
Marine hospitals	1,296
Total	74,861
General	71,620
Emergency	*3,241*
Federal land banks—	
Subscriptions to capital stock	[2] *1,738*
Subscriptions to paid-in surplus, emergency	*40,868*
Payments for reduction in interest rates on mortgages, emergency	*7,029*
Subscriptions to preferred shares, Fed. scgs. and loan ass'n, emergency	*1,086*
Subscriptions to capital stock, Fed. Dep. Ins. Corp'n, emergency	*150,000*
Total	197,241
General	[2] *1,738*
Emergency	*198,979*
Total, Treasury Department [1]	456,670
General	235,387
Emergency	*221,283*
War Department:	
National defense—	
Salaries, War Department	3,996
Office of Secretary of War	394
General Staff Corps	93
Adjutant General's Department	62
Finance Department—	
Pay of the Army	114,122
Finance service	873
Judgments	783
Other items	471
Quartermaster Corps—	
Army transportation	8,534
Barracks and quarters and other buildings and utilities	10,333

[1] For trust fund expenditures see "Trust accounts," p. 172.
[2] Credit, deduct.
[3] Excludes Postal Service payable from postal revenues.
[4] Exclusive of refunds of receipts.

No. 172.—Details of Expenditures: Year Ended June 30, 1934—Continued

[All figures in thousands of dollars]

Object of expenditure	Amount
GENERAL AND SPECIAL FUNDS—CON.	
War Department—Continued.	
National defense—Continued.	
Quartermaster Corps—Continued.	
Clothing and equipage	4,733
Construction, buildings, etc., at military posts	5,819
Construction and repair of hospitals	512
Incidental expenses of the Army	2,904
Regular supplies of the Army	3,003
Subsistence of the Army	13,538
Nat'l Ind. Recov., emergency	*27,303*
Other items	172
Signal Corps	1,744
Emergency	*84*
Air Corps	17,373
Emergency	*15*
Medical Department	1,217
Corps of Engineers	321
Ordnance Department	12,319
Emergency	*4,446*
Chemical Warfare Service	807
Chief of Infantry	58
Chief of Cavalry	18
Chief of Field Artillery	24
Chief of Coast Artillery	26
Sea Coast defenses	3,331
Emergency	*2,417*
Military Academy	1,975
National Guard Bureau	25,092
Emergency	*1,113*
Organized reserves	3,012
Citizens military training	3,588
Nat'l. Bd. for Promotion of Rifle Practice	52
Miscellaneous	[2] *1,180*
Total national defense	269,240
General	233,851
Emergency	*35,389*
Nonmilitary activities—	
National cemeteries	1,146
Emergency	*424*
Miscellaneous, Quartermaster Corps	361
Signal Corps	142
Corps of Engineers, miscellaneous	93
Bureau of Insular Affairs, emergency	*239*
War claims and relief acts	62
Miscellaneous	97
Total nonmilitary activities [1]	2,141
General	1,477
Emergency	*663*
Rivers and harbors [1]	153,028
Emergency	*75,067*
Total War Department [1] [7]	424,408
General	313,289
Emergency	*111,119*
Panama Canal	9,656
Emergency	*809*
District of Columbia [1]	5,891
Emergency	*191*
Interest on public debt	757,210
Public debt retirements	350,865
Sinking fund	350,492
Received from foreign governments under debt settlements	358
Estate taxes, forfeitures, gifts, etc.	15
Reconstruction Finance Corp'n emergency	[8] *1,614,932*
Total classified expenditures, checks issued basis	7,107,503
General	3,110,095
Emergency	*3,997,408*

Object of expenditure	Amount
GENERAL AND SPECIAL FUNDS—CON.	
Adjustment between checks and cash	—2,473
Add unclassified items, cash basis	20
Total cash expenditures, general and special accounts	7,105,050
General	3,100,915
Emergency	*4,004,136*
TRUST AND CONTRIBUTED ACCOUNTS	
Legislative—Library of Congress	114
Independent offices	116,742
Alien Property Custodian	[2] *314*
American National Red Cross	3
Board of Tax Appeals	[2] *3*
Employees Compensation Com'n	14
Federal Trade Commission	[2] *30*
General Accounting Office	[2] *16*
Interstate Commerce Commission	307
Veterans' Administration	116,843
Miscellaneous	197
Adjusted service certificate fund	5,207
Civil service retirement fund	38,557
Canal Zone retirement fund	572
Government life insurance fund	[9] 72,311
Farm Credit Admn., miscellaneous	[2] *62*
Dept. of Agriculture	[2] 4,145
Cooperative work, Forest Service	1,288
Miscellaneous	[2] *5,488*
Dept. of Commerce, miscellaneous	[2] *34*
Department of the Interior	1,217
General Land Office	1
Office of National Parks, Bldgs., etc.	198
Government in the Territories	36
Beneficiaries	*124*
Miscellaneous	[2] *77*
Indian Affairs, tribal funds	5,126
Indian Affairs, special deposit accts.	[2] *4,260*
Boulder Canyon project	71
Department of Justice	495
Miscellaneous judicial	[2] *102*
Penal and correctional institutions	687
Department of Labor, miscellaneous	[2] *477*
Navy Department	159
Miscellaneous	36
Marine Corp, miscellaneous	123
Department of State	55
Foreign intercourse	19
Special deposit accounts	[2] 210
Foreign Service retirement fund	240
Treasury Department	1,172
Public debt service	71
Public Health Service	3
Miscellaneous	1,098
War Department	2,651
Nonmilitary activities	1,763
Rivers and Harbors	88
District of Columbia	30,974
Exchange stabilization fund, chargeable against increment on gold	2,000,000
Total classified items, checks issued basis	2,148,875
Adjustment between checks and cash	—10,355
Add unclassified items, cash basis	156
Total trust and contributed accounts, cash basis [10]	2,138,676
Total expenditures, cash basis	9,243,726
General and special accounts	7,105,050
Trust and contributed accounts	138,676
Exchange stabilization fund	2,000,000

[1] For trust fund expenditures see "Trust accounts."
[2] Credit, deduct.
[7] Excluding Panama Canal.
[8] Includes funds allocated to other agencies.
[9] Includes the $3,241,000 referred to in note 5, table 171.
[10] Includes exchange stabilization fund.

Source: Reports of the Treasury Department.

No. 173.—APPROPRIATIONS BY CONGRESS FOR YEARS ENDED JUNE 30

NOTE.—All figures in thousands of dollars. Amounts shown for a specified year differ from the actual appropriations for that year, since the former include deficiency appropriations for prior years and exclude amounts for that year provided subsequently as deficiency appropriations

Branch	Number of Congress and fiscal year for which appropriated					
	67th, 1924	68th, 1925	68th, 1926	69th, 1927	69th, 1928	70th, 1929
Legislative	14,786	14,648	15,720	20,160	16,480	18,970
Executive Office	497	426	534	824	438	437
Independent offices	522,563	411,216	596,347	639,941	520,041	648,089
District of Columbia	28,633	27,967	40,209	38,459	38,920	41,541
Department of Agriculture	110,662	74,637	146,715	167,572	153,430	163,668
Department of Commerce	22,116	24,123	25,143	31,526	36,822	40,713
Department of the Interior	343,519	292,323	274,826	270,351	285,800	353,332
Department of Justice	23,846	24,227	28,104	27,200	26,432	29,049
Department of Labor	7,519	8,364	9,338	10,184	10,160	11,181
Navy Department	325,323	278,601	324,752	326,791	320,466	394,736
Post Office Department:						
Payable from Treasury [1]	442	173	244	32	18	67
Payable from postal revenues [2]	596,909	629,199	651,256	842,420	755,364	776,975
Department of State	15,896	15,246	18,187	17,819	12,312	15,009
Treasury Department	279,612	269,355	340,915	339,207	345,269	455,474
Interest on the public debt	940,000	865,000	830,000	795,000	755,000	675,000
Sinking fund and debt retirements chargeable against ordinary receipts	507,011	471,806	484,766	515,583	563,630	541,042
War Department	355,211	341,340	364,625	367,386	370,429	466,795
Total	4,092,544	3,748,652	4,151,682	4,409,463	4,211,011	4,633,578
Deduct amount payable from postal revenues [2]	596,909	629,199	651,256	842,420	755,364	776,975
Net total	3,495,635	3,119,453	3,500,426	3,567,044	3,455,647	3,856,603

Branch	70th, 1930	71st, 1931	71st, 1932	72d, 1933	72d and 73d, 1934	73d, 1935
Legislative	21,338	29,521	27,839	20,666	17,426	19,371
Executive Office	504	628	475	395	369	442
Independent offices	661,319	1,169,250	1,383,294	1,873,491	4,061,013	3,085,332
Veterans' Administration	661,319	856,391	1,032,717	1,288,420	674,081	614,820
Other		312,858	350,576	585,071	3,386,933	2,470,512
District of Columbia	42,569	52,488	50,143	45,142	34,644	38,340
Department of Agriculture	199,660	220,288	422,203	372,170	211,544	1,165,726
Department of Commerce	60,503	61,301	54,960	45,213	36,943	31,623
Department of the Interior	334,467	87,150	101,765	82,136	56,684	61,953
Department of Justice	30,771	42,248	58,522	46,340	42,260	32,079
Department of Labor	11,429	12,849	15,036	13,738	14,839	14,063
Navy Department	379,152	389,183	377,973	332,034	310,611	287,066
Post Office Department:						
Payable from Treasury [1]	28	43,075	54	84	36	70
Payable from postal revenues [2]	842,125	840,271	844,610	807,887	713,421	669,843
Department of State	15,826	18,778	18,796	14,151	12,822	15,623
Treasury Department	427,393	372,557	278,537	519,421	556,490	426,412
Interest on the public debt	640,000	619,000	581,000	640,000	725,000	824,349
Sinking fund and debt retirements chargeable against ordinary receipts	553,068	635,324	468,510	496,803	534,070	525,764
War Department	474,990	477,799	494,758	475,582	364,276	320,503
Total	4,665,237	5,071,712	5,178,525	5,785,253	7,692,447	7,527,559
Deduct amount payable from postal revenues [2]	842,125	840,271	844,610	807,887	713,421	669,843
Net total	3,823,112	4,231,440	4,333,915	4,977,366	6,979,026	6,857,716

[1] Figures cover only appropriations which have been specifically designated by Congress as payable from the Treasury and are exclusive of amounts which may be required under indefinite appropriations (payable from the Treasury) provided by law to supply deficiencies in the postal revenues. (See note 2.)

[2] These figures include amounts which may be required under indefinite appropriations (payable from the Treasury) to supply deficiencies, if any, in the postal revenues.

Source: Treasury Department.

No. 174.—INTERNAL REVENUE: AMOUNTS COLLECTED FROM PRINCIPAL SOURCES

NOTE.—All figures in thousands of dollars. The figures represent collections by internal revenue officers throughout the country, including deposits by postmasters of amounts received from sale of internal revenue stamps and deposits of internal revenue collected through customs offices, and, therefore, differ from those in tables 168 to 171 which represent the deposits of these collections in the Treasury or depositaries during the fiscal year concerned, there being thus an overlapping of time. Certain items, included in the totals in the last column, are shown in detail in the second part of the table

Yearly average or year ended June 30—	Total	Spirits and wines [1]	Fermented malt liquors [1]	Tobacco [1]	Income and profits [2]	Legacies, inheritances, etc.	Sales taxes not listed separately [1] [3]	Documentary stamps [4]	Other [5]
1863–1865	122,942	18,079	2,551	7,697	28,005	305	43,444	6,915	15,945
1866–1870	221,797	37,229	5,931	21,962	50,804	2,277	63,283	14,932	25,580
1871–1875	119,971	49,877	8,684	34,450	7,780	[6] 2,505	2,931	9,745	6,024
1876–1880	116,681	55,614	10,510	40,000	(7)		341	6,272	3,943
1881–1885	132,064	71,163	16,614	36,964	[8] 29		70	4,433	2,808
1886–1890	126,711	72,045	22,931	30,901			14	5	815
1891–1895	150,202	86,898	30,841	30,802	[6] 77		3	(7)	1,703
1896–1900	206,624	92,876	49,593	41,900		[8] 2,960	1,971	[9] 25,253	4,367
1901–1905	255,314	123,178	58,930	49,650		3,652	1,053	[8] 23,956	4,269
1906–1910	261,321	144,557	58,609	52,020	[6] 20,960	[8] 96	167		1,736
1911–1915	356,851	159,854	68,063	74,866	49,737		739	[9] 20,494	3,494
1916–1920	2,855,761	226,293	93,352	169,853	1,984,473	[10] 59,709	77,800	38,650	217,500
1921–1925	3,158,975	[11] 42,400	17	301,176	2,121,913	126,415	186,135	58,373	322,546
1926–1930	2,804,284	[11] 17,482	4	405,614	2,222,032	81,282	55,484	51,586	60,819
1906	246,213	134,868	57,456	51,887			165		1,836
1910	289,957	148,029	60,572	58,118	20,960		165		2,112
1911	322,526	155,280	64,368	67,006	33,512		153		2,209
1912	321,616	156,391	63,269	70,590	28,583		169		2,613
1913	344,424	163,879	66,267	78,789	35,006		156		2,326
1914	380,009	159,098	67,082	79,987	71,381		128		2,333
1915	416,681	144,620	79,329	79,957	80,202		3,089	20,494	7,989
1916	512,723	158,682	88,771	88,064	124,937		4,219	38,110	9,939
1917	809,394	192,111	91,897	103,202	387,382	6,077	775	8,254	19,695
1918	3,698,956	317,554	126,286	156,189	2,852,325	47,453	36,637	21,875	140,638
1919	3,850,150	365,211	117,840	206,003	2,900,784	82,030	79,400	43,751	355,131
1920	5,407,580	97,905	41,960	295,809	3,956,936	103,036	267,909	81,259	562,100
1921	4,505,357	82,598	25	255,219	3,228,138	154,043	229,308	69,804	576,071
1922	3,197,451	[11] 45,563	46	270,759	2,086,918	130,410	174,361	55,919	424,464
1923	2,621,745	[11] 30,354	4	309,015	1,691,090	120,705	185,117	61,490	217,970
1924	2,799,179	[11] 27,880	5	325,630	1,841,759	102,967	200,922	58,526	238,781
1925	2,584,140	[11] 25,903	2	345,247	1,761,659	[12] 108,940	140,877	46,068	155,444
1926	2,836,000	[11] 26,436	10	370,666	1,974,104	[12] 119,216	150,167	49,801	145,594
1927	2,965,683	[11] 21,195	1	376,170	2,219,952	100,340	66,651	32,602	48,771
1928	2,790,536	[11] 15,307	(7)	396,450	2,174,573	60,087	51,812	43,818	48,486
1929	2,939,054	[11] 12,777	(7)	434,445	2,331,274	61,897	5,724	58,798	34,140
1930	3,040,146	[11] 11,695		450,339	2,410,259	64,770	2,676	72,909	27,497
1931	2,428,229	[11] 10,432		444,277	1,860,040	48,078	150	41,960	23,292
1932	1,557,729	[11] 8,704		398,679	1,056,757	47,422	96	27,854	18,317
1933	1,619,839	[11] 8,022	35,158	402,739	746,791	[13] 34,310	243,616	53,430	[13] 95,773
1934	2,072,239	80,952	168,960	425,169	819,656	[12] 113,138	385,306	62,174	[13] 607,885

Year	Transportation, telegraph, etc.	Beverages (nonalcoholic), etc.	Corporation capital stock	Theater admissions, etc.	Year	Transportation, telegraph, etc.	Beverages (nonalcoholic), etc.	Corporation capital stock	Theater admissions, etc.
1917			10,472		1926		54	97,386	23,981
1918	70,737	2,215	24,996	26,357	1927		199	8,970	17,941
1919	237,840	7,182	28,776	50,920	1928		139	8,639	17,725
1920	289,348	57,461	93,020	76,721	1929			5,956	6,083
1921	301,512	58,676	81,526	89,731	1930			47	4,231
1922	198,790	33,504	80,612	73,385	1931				2,779
1923	30,381	10,132	81,568	70,175	1932				1,850
1924	34,662	10,419	87,472	77,713	1933	22,032	4,186		15,521
1925			90,003	30,908	1934	29,630	4,747	80,168	14,613

[1] Including special taxes relating to manufacture and sale, except for tobacco taxes for 1927 and following years.

[2] Including receipts from excise tax on corporations for the years 1910 to 1914; munition manufacturers' tax for 1917 and 1918; and also excess profits tax for 1917 to 1923 and 1934.

[3] Includes all taxes paid by manufacturers of and dealers in adulterated, process, or renovated butter, mixed flour, and filled cheese. Figures for 1863 to 1878 include receipts from the tax on raw cotton.

[4] Includes proprietary stamps prior to 1896–1900.

[5] The major items included in this column beginning 1917 are shown in detail in second part of table with the exception of receipts from taxes on bank checks, drafts, etc., for 1933 and 1934, and also taxes on dividends and agricultural adjustment taxes for 1934. For receipts from these items, see table 175.

[6] Figures for 1 year only. [7] Less than $500. [8] Average for 2 years. [9] Average for 3 years.

[10] Average for 4 years. [11] Consists chiefly of tax on distilled spirits (nonbeverage).

[12] Includes gift tax as follows: 1925, $7,518,000; 1926, $3,175,000; 1933, $4,617,000; and 1934, $9,153,000.

[13] See note 5.

Source: Annual Report of the Secretary of the Treasury.

No. 175.—INTERNAL REVENUE: RECEIPTS FROM EACH SPECIFIC SOURCE

NOTE.—All figures in thousands of dollars. Data are for years ended June 30. See also headnote, table 174

Source	1930	1931	1932	1933	1934
Grand total	3,040,146	2,428,229	1,557,729	1,619,839	2,672,239
Income tax	2,410,259	1,860,040	1,056,757	746,791	817,025
Corporation	1,263,414	1,026,393	629,566	394,218	397,516
Individual	1,146,845	833,648	427,191	352,574	419,509
Capital stock	[1] 47				80,168
Dividends					50,229
Excess profits					2,631
Estate tax: Transfer of estates of decedents	64,770	48,078	47,422	29,603	103,985
Gift tax: Transfer of any property by gift				4,617	9,153
Liquor taxes	[2] 11,695	10,432	8,704	43,180	258,911
Distilled spirits (imported) excise tax				6	6,578
Distilled spirits (domestic) excise tax	10,718	9,579	7,907	6,745	61,890
Distilled spirits, rectification tax	9	7	5	4	4,823
Still or sparkling wines, cordials, etc	239	228	187	209	3,383
Grape brandy used for fortifying sweet wines	124	63	74	48	107
Rectifiers; retail and wholesale liquor dealers; manufacturers of stills (special taxes)	520	519	506	878	5,140
Case stamps for distilled spirits bottled in bond	42	35	27	52	80
Container stamps (Liquor Taxing Act of 1934)					2,239
Spirits, floor tax (Liquor Taxing Act of 1934)					5,211
Wines, floor tax (Liquor Taxing Act of 1934)					474
3.2 percent wines (act of Mar. 22, 1933)				81	28
Fermented malt liquors				33,090	163,271
Brewers; retail and wholesale dealers in malt liquor (special taxes)				2,068	5,689
Tobacco	450,339	444,277	398,579	402,739	425,169
Cigars (large)	21,141	18,025	14,208	11,305	11,633
Cigars (small)	302	271	227	174	173
Cigarettes (large)	65	46	32	21	637
Cigarettes (small)	359,816	358,915	317,533	328,418	349,662
Snuff	7,542	7,190	6,846	6,405	6,788
Tobacco, chewing and smoking	60,098	58,377	58,030	55,450	55,299
Cigarette papers and tubes	1,324	1,442	1,701	958	973
Miscellaneous collections	51	10	3	7	3
Stamp taxes (not elsewhere enumerated)	77,729	46,954	32,241	57,578	66,761
Bonds of indebtedness, issues of capital stock, deeds of conveyance, etc	22,611	14,757	9,199	16,035	16,259
Capital stock and similar interest sales or transfers	46,698	25,520	17,606	33,188	38,065
Sales of produce (future delivery)	3,600	1,083	959	4,207	7,848
Playing cards	4,819	4,994	4,387	3,908	4,406
Use of yachts and boats (domestic and foreign)				240	181
Silver bullion transfers					1
Manufacturers' excise taxes	2,864	138	87	247,751	390,038
Lubricating oils				16,233	25,255
Brewers' wort, malt, grape concentrate, etc				5,708	3,007
Matches				2,872	6,971
Gasoline				124,920	202,575
Electrical energy				28,563	33,134
Tires and inner tubes				14,980	27,630
Toilet preparations, etc				9,603	10,313
Articles made of fur				7,546	7,655
Jewelry (watches, clocks, opera glasses, etc.)				3,068	4,669
Automobile trucks				1,654	5,048
Other automobiles and motorcycles	[1] 2,320			12,574	32,527
Parts or accessories for automobiles				3,597	5,606
Radio sets, phonograph records, etc				2,207	3,157
Mechanical refrigerators				2,112	5,526
Sporting goods				2,702	3,773
Firearms, shells, and cartridges				897	2,511
Pistols and revolvers	344	138	87	35	53
Cameras and lenses				170	364
Candy and chewing gum				4,150	4,867
Soft drinks				4,186	4,747
Miscellaneous taxes:					
Telephone, telegraph, radio, and cable facilities [3]				14,565	19,251
Transportation of oil by pipe line				7,467	10,379
Admission to theaters, concerts, cabarets, etc	4,231	2,779	1,859	15,521	14,613
Leases of safe-deposit boxes				2,365	2,716
Checks, drafts, or orders for payment of money				38,456	41,383
Oleomargarine, including special taxes	3,919	2,681	1,745	1,347	1,476
Narcotics, including special taxes	589	607	521	457	495
Collections under prohibition laws	1,105	586	491	530	379
Club dues and initiation fees	12,521	11,478	9,205	6,679	5,986
Other miscellaneous receipts	277	179	120	67	67
Agricultural adjustment taxes [4]					[5] 371,423

[1] Delinquent taxes under repealed laws. [2] Includes $36,000 miscellaneous taxes not distributed.
[3] Includes leased wires, etc. [4] Import compensating, floor, and processing taxes.
[5] Distributed as follows: Wheat, $117,621,000; cotton, $144,767,000; tobacco, $18,088,000; field corn, $4,496,000; hogs, $77,035,000; paper and jute fabrics, $9,245,000; sugarcane and sugar beets, $170,000.

Source: Annual Report of the Commissioner of Internal Revenue.

No. 176.—INTERNAL REVENUE: Receipts by States, Years Ended June 30

Note.—Tax receipts are credited to the districts in which the collections are made. Receipts in the various States do not indicate the tax burden of the respective States, since the taxes may eventually be borne by persons in other States. See also headnote, table 174

[All figures in thousands of dollars

Division and State	Income taxes				Miscellaneous internal revenue			Agricultural adjustment taxes, 1934
	1931	1932	1933	1934	1932	1933	1934	
Total	1,860,040	1,056,757	746,791	817,025	500,972	873,048	1,483,701	371,423
New England	140,150	76,584	59,808	66,795	6,891	20,787	58,239	31,516
Maine	6,394	3,939	3,037	3,433	415	686	2,411	2,132
New Hampshire	2,774	1,467	1,218	1,455	219	573	1,815	2,024
Vermont	1,700	858	605	644	107	254	486	320
Massachusetts	83,431	45,075	35,170	39,622	4,072	14,219	36,486	21,582
Rhode Island	10,856	6,189	5,210	6,126	527	1,208	5,413	3,445
Connecticut	34,994	19,056	14,508	15,515	1,351	3,847	11,628	2,013
Middle Atlantic	860,362	488,536	342,687	368,643	86,191	219,390	440,044	53,098
New York	614,961	348,551	240,002	260,844	46,438	136,345	268,151	39,027
New Jersey	71,658	42,808	37,380	41,338	27,537	34,145	54,666	3,766
Pennsylvania	174,243	97,177	65,355	66,461	12,216	48,900	117,227	10,305
East North Central	417,725	220,163	131,970	146,315	37,178	131,009	291,941	79,533
Ohio	96,003	47,532	30,285	37,896	14,282	39,192	73,914	12,871
Indiana	19,095	10,892	8,438	8,917	1,475	5,482	18,202	5,729
Illinois	173,676	91,461	56,453	63,537	15,215	49,602	98,550	53,353
Michigan	102,368	55,141	29,200	28,169	4,836	25,174	68,834	4,318
Wisconsin	26,584	15,157	7,594	7,796	1,369	11,499	32,441	3,262
West North Central	90,590	55,163	41,161	43,157	11,249	34,332	67,395	70,187
Minnesota	20,803	12,987	10,028	10,552	1,316	5,247	14,379	25,221
Iowa	9,897	6,166	4,397	4,247	292	2,140	3,737	6,542
Missouri	40,907	25,471	19,594	22,075	9,191	20,112	37,323	17,144
North Dakota	352	235	221	292	12	231	391	1,047
South Dakota	719	415	267	347	33	345	534	450
Nebraska	4,573	3,030	2,357	2,630	129	1,506	3,187	4,533
Kansas	13,340	6,864	4,207	3,014	277	4,751	7,844	12,250
South Atlantic	131,683	85,104	71,108	75,672	316,124	311,883	368,946	77,168
Delaware	32,877	15,232	11,511	12,923	1,216	1,009	4,690	406
District of Columbia	12,716	7,450	6,273	6,725	1,000	2,191	4,218	327
Maryland	28,458	21,823	18,949	19,154	1,668	4,152	16,801	3,541
Virginia	19,207	13,325	9,677	8,796	86,647	94,122	107,879	5,987
West Virginia	8,070	4,982	3,026	3,583	2,095	2,791	4,251	1,096
North Carolina	13,720	11,404	12,761	12,958	219,675	200,727	217,675	29,779
South Carolina	1,807	1,504	1,051	2,048	274	683	1,227	17,297
Georgia	6,389	4,186	3,581	5,047	228	2,892	5,599	18,136
Florida	7,839	5,138	4,279	4,438	3,322	3,316	6,546	605
East South Central	35,806	14,115	10,518	12,880	24,707	56,629	68,299	19,305
Kentucky	10,711	5,619	4,172	5,147	20,655	49,958	59,087	4,420
Tennessee	9,284	5,457	4,247	5,164	3,642	4,574	6,447	5,840
Alabama	4,308	2,263	1,627	1,988	352	1,671	1,891	8,234
Mississippi	1,503	776	472	631	58	426	874	811
West South Central	55,745	33,653	22,838	27,790	2,105	47,000	82,291	15,728
Louisiana	7,667	5,219	3,964	4,800	1,040	5,488	11,074	1,518
Texas	31,605	17,449	13,296	16,177	853	20,871	34,411	10,081
Oklahoma	14,657	10,006	4,993	5,922	160	19,788	35,317	3,555
Arkansas	1,816	979	585	891	53	853	1,489	569
Mountain	24,641	10,619	8,484	9,525	925	4,048	11,400	6,273
Montana	1,690	751	636	685	120	506	1,610	1,663
Wyoming	570	346	335	423	60	187	550	203
Colorado	15,272	5,148	3,825	4,586	246	1,879	5,918	2,959
New Mexico	608	356	281	290	21	224	432	148
Arizona	2,194	858	560	488	58	290	550	333
Utah	2,322	1,396	857	915	51	579	1,303	418
Nevada	1,298	1,299	1,523	1,736	47	158	510	130
Idaho	685	465	467	402	20	225	527	419
Pacific	108,321	69,323	55,404	62,802	15,808	47,192	92,874	17,263
Washington	10,629	5,371	3,375	3,592	370	1,880	6,555	4,015
Oregon	4,111	2,383	1,556	1,741	178	1,111	2,485	2,604
California	93,582	61,569	50,473	57,469	14,761	44,201	83,834	10,644
Philippine Islands					357	328	475	
Hawaii	4,382	3,349	2,663	3,288	437	405	1,829	631
Alaska	134	123	152	159	1	45	59	26
Puerto Rico								693

Source: Annual Report of the Commissioner of Internal Revenue.

No. 177.—INDIVIDUAL AND CORPORATION INCOME TAX RETURNS: SUMMARY

NOTE.—**All money figures in thousands of dollars.** Statistics are based on the taxpayers' returns as filed, unaudited except to insure proper execution of the return. Under the various revenue laws the following individuals were required to file personal returns: For 1913 to 1916, those with net income of $3,000 and over; 1917 to 1924, 1932, and 1933, $1,000 and over; 1925 to 1931, $1,500 and over; or if married and living with husband or wife filing a joint return, $2,000 for 1917 to 1923, $2,500 for 1924, 1932, and 1933, and $3,500 for 1925 to 1931; also, beginning 1921, individuals with gross income of $5,000 or over regardless of net income. Data for returns of individuals showing no net income, filed in accordance with the latter provision, are not included in statistics shown. All income tax data include Alaska and Hawai

INDIVIDUAL INCOME TAX RETURNS

Calendar year	Number of returns			Net income	Tax before tax credits			Credits against tax [1]	Total tax, deducting tax credits
	Total	Taxable	Nontaxable		Normal tax	Surtax	Tax on capital net gain		
1913	357,598			3,900,000	12,728	15,525			28,254
1914	357,515			4,000,000	16,559	24,487			41,046
1915	336,652			4,600,000	23,996	43,948			67,944
1916	437,036	362,970	74,066	6,298,573	51,441	121,946			173,387
1917	3,472,890	2,707,234	765,656	13,652,383	156,897	433,348			[2] 795,381
1918	4,425,114	3,392,863	1,032,251	15,924,639	476,438	651,289			1,127,722
1919	5,332,760	4,231,181	1,101,579	19,859,491	468,105	801,525			1,269,630
1920	7,259,944	5,518,310	1,741,634	23,735,629	478,250	596,804			1,075,054
1921	6,662,176	3,589,985	3,072,191	19,577,213	308,059	411,328			719,387
1922	6,787,481	3,681,249	3,106,232	21,336,213	355,410	474,581	31,066		861,057
1923	7,698,321	4,270,121	3,428,200	24,777,466	378,388	464,918	38,916	[3] 220,555	661,666
1924	7,309,788	4,489,698	2,880,090	25,656,153	257,795	437,541	48,603	39,073	704,265
1925	4,171,051	2,501,166	1,669,885	21,894,576	216,360	432,853	117,571	32,229	734,555
1926	4,138,092	2,470,990	1,667,102	21,958,506	200,599	448,330	112,510	28,969	732,471
1927	4,101,547	2,440,941	1,660,606	22,545,091	215,817	511,731	134,034	30,943	830,639
1928	4,070,851	2,523,063	1,547,788	25,226,327	281,895	688,826	233,451	39,916	1,164,254
1929	4,044,327	2,458,049	1,586,278	24,800,736	162,332	582,393	284,654	27,441	1,001,038
1930	3,707,509	2,037,645	1,669,864	18,118,635	129,475	316,816	65,422	34,998	476,715
1931	3,225,924	1,525,546	1,700,378	13,604,996	82,302	186,078	19,423	41,676	246,127
1932	*3,877,430*	*1,936,095*	*1,941,335*	*11,655,757*	*156,606*	*239,232*	*6,039*	*71,915*	*329,962*
1932 (prel.) [4]	3,760,402	1,864,969	1,895,433	11,185,499	152,041	230,340	5,999	63,635	324,745
1933 (prel.) [4]	3,660,105	1,731,116	1,928,989	10,845,654	165,040	241,345	16,341	49,758	372,968

CORPORATION INCOME TAX RETURNS

Calendar year	Number of returns				Net income	Deficit	Tax		
	Total	Reporting net income	Reporting no net income [5]	Inactive corporations			Total	Income tax	War- and excess-profits tax
1909	262,490	[6] 52,498	[7] 209,992		3,590,000	[8]	[9] 20,960	[9] 20,960	
1910	270,202	[6] 54,040	[7] 216,162		3,761,000	[8]	[9] 33,512	[9] 33,512	
1911	288,352	[6] 55,129	[7] 233,223		3,503,000	[8]	[9] 28,583	[9] 28,583	
1912	305,336	[6] 61,116	[7] 244,220		4,151,000	[8]	[9] 35,006	[9] 35,006	
1913	316,909	188,866	128,043		4,714,000	[8]	[9] 43,128	[9] 43,128	
1914	[10] 299,445	174,205	125,240		3,940,000	[8]	[9] 39,145	[9] 39,145	
1915	[10] 306,443	190,911	175,532		5,310,000	[8]	[9] 56,994	[9] 56,994	
1916	341,253	206,984	134,269		8,755,909	656,904	171,805	171,805	
1917	351,426	232,079	119,347		10,730,360	629,608	2,142,446	503,698	1,638,748
1918	317,579	202,061	115,518		8,361,511	689,772	3,158,764	653,198	2,505,566
1919	320,198	209,634	110,564		9,411,418	995,546	2,175,342	743,536	1,431,806
1920	345,595	203,233	142,362		7,902,655	2,029,424	1,625,235	636,508	988,726
1921	356,397	171,239	185,158		4,336,048	3,878,219	701,575	366,444	335,132
1922	382,883	212,535	170,348		6,963,811	2,193,776	783,776	775,310	8,466
1923	398,933	233,339	165,594		8,321,529	2,013,555	937,107	937,107	
1924	417,421	236,389	181,032		7,586,652	2,223,926	881,550	881,550	
1925	430,072	252,334	177,738		9,583,684	1,962,628	1,170,331	1,170,331	
1926	455,320	258,134	197,186		9,673,403	2,168,710	1,229,797	1,229,797	
1927	475,031	259,849	165,826	49,356	8,981,884	2,471,739	1,130,674	1,130,674	
1928	495,892	268,783	174,828	52,281	10,617,741	2,391,124	1,184,142	1,184,142	
1929	509,436	269,430	186,591	53,415	11,653,886	2,914,128	1,193,436	1,193,436	
1930	518,736	221,420	241,616	55,700	6,428,813	4,877,595	711,704	711,704	
1931	516,404	178,898	283,806	56,700	3,683,368	6,970,913	398,994	398,994	
1932	508,636	82,646	369,238	56,752	2,153,113	7,796,687	286,034	286,034	
1932 (prel.) [4]	481,368	78,775	348,954	53,639	1,851,575	6,420,294	277,689	245,689	
1933 (prel.) [4]	472,174	104,702	316,853	50,616	2,506,078	4,510,841	353,916	347,650	6,266

[1] See table 173 for items included.
[2] Includes war excess-profits taxes of $101,250,000 on individuals and of $103,888,000 on partnerships.
[3] 25 per cent reduction provided for in revenue act of 1924.
[4] Returns filed to Aug. 31 of following year. Complete figures include additional returns filed from Sept. 1 to Dec. 31 and also final returns supplementing tentative returns which are not tabulated.
[5] Includes inactive concerns prior to 1927. [6] Returns showing net income in excess of $5,000 exemption.
[7] Returns showing net income not in excess of $5,000 exemption, or deficit. [8] Not available.
[9] Receipts for year ended June 30 following year in stub as reported by Commissioner of Internal Revenue. Figures shown for 1909 to 1912 and $10,671,000 of the amount shown for 1913 are excise-tax receipts.
[10] Figures for 1915 contain approximately 32,000 returns which properly belong in 1914.

Source: *Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.*

No. 178.—INDIVIDUAL INCOME TAX RETURNS: ANALYSIS

[All money figures, except as indicated, in millions of dollars. See headnote, table 177]

	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
Total income	29,245	29,579	25,272	25,447	26,209	28,988	29,947	22,412	17,268	14,892
Wages and salaries	14,195	13,618	9,742	9,994	10,218	10,862	11,199	9,922	8,325	8,137
Business	4,723	4,755	3,689	3,573	3,287	3,244	3,379	2,628	1,890	1,295
Partnerships [1]	1,676	1,810	1,227	1,733	1,755	1,930	1,853	1,090	730	483
Profits from sales of real estate, stocks, bonds, etc., except as noted [2]	863	1,125	1,092	1,466	1,813	2,928	2,338	637	302	113
Capital net gain from sale of assets held over 2 years	305	389	941	913	1,081	1,880	2,347	556	170	50
Rents and royalties	1,814	2,010	1,471	1,451	1,302	1,165	1,286	974	771	530
Dividends [3]	3,120	3,251	3,465	4,012	4,255	4,351	4,786	4,197	3,114	1,972
Interest on *Gov't obligations* [4]	44	30	26	37	47	41	40	38	25	29
Interest other than tax-exempt	2,178	2,282	1,814	1,937	1,076	1,842	1,913	1,608	1,338	1,142
Other income					351	302	298	332	236	330
Fiduciary [1]	329	310	306	333	421	444	508	429	360	311
General deductions	4,470	3,923	3,377	3,489	3,663	3,761	5,146	4,294	3,663	2,736
Contributions	*535*	*533*	*442*	*484*	*508*	*533*	*529*	*425*	*328*	*304*
Net loss from sale of real estate, stocks, bonds, etc. [5]					178	228	172	996	1,233	1,161	375
Net loss from business and partnership	3,935	3,390	2,936						173	135	113
All other				2,827	2,928	3,057	3,621	2,464	2,040	1,944
Net income	24,777	25,656	21,895	21,959	22,546	25,226	24,801	18,119	13,605	11,656
Net loss for prior year	34	30	32	27	37	34	29	40	44	29
Exemptions from normal tax:										
Personal exemption and credit for dependents	17,275	16,329	12,228	12,124	12,001	11,859	11,933	11,010	9,682	8,517
Less exemptions in excess of net income	*2,362*	*2,375*	*1,506*	*1,823*	*1,891*	*1,681*	*2,012*	*2,074*	*2,277*	*1,721*
Dividends [3]	3,120	3,251	3,465	4,012	4,255	4,351	4,786	4,197	3,114	1,972
Interest on Government obligations [4]	44	30	26	37	47	41	40	38	25	29
Capital net gain from sale of assets held over 2 years	305	389	941	913	1,081	1,880	2,347	556	170	50
Less credits [6]					*3*	*12*	*69*	*33*	*16*	*2*
Net exemptions	17,881	17,624	15,153	15,263	15,484	16,437	17,025	13,695	10,700	8,846
Net income subject to normal tax	6,862	8,003	6,710	6,669	7,024	8,755	7,747	4,384	2,861	2,781
Normal tax	[7] 284	253	216	201	210	282	162	129	82	157
Surtax	[7] 349	438	433	448	512	689	582	317	180	239
Tax on capital net gain from sale of assets held over 2 years (12½ percent)	[7] 29	49	118	113	134	233	285	65	19	6
Less tax credits:										
25 percent of tax on earned net income		31	25	25	25	35	22	25	17	
12½ percent on net loss from sale of assets held more than 2 years [8]		9	8	4	6	5	5	10	24	72
Net tax	862	704	735	732	831	1,164	1,002	477	248	330
Number of returns (thous.)	7,698	7,370	4,171	4,138	4,102	4,071	4,044	3,708	3,226	3,877
Average net income per return	$3,219	$3,481	$5,249	$5,306	$5,497	$6,197	$6,132	$4,887	$4,217	$3,006
Average tax per return	$86	$96	$176	$177	$203	$286	$248	$129	$76	$85
Averages per capita of total population: [9]										
Net income returned	$221	$226	$190	$188	$190	$210	$203	$147	$109	$93
Tax	$5.91	$6.20	$6.37	$6.26	$7.00	$9.68	$8.22	$3.87	$1.98	$2.63

[1] Capital net gain from sale of assets held more than 2 years, dividends on stock of domestic corporations and taxable interest on obligation of the United States received through partnerships and fiduciaries are reported under their respective classifications.
[2] Exclusive of amount taxed as capital net gain from sales of assets held over 2 years.
[3] On stocks of domestic corporations; dividends of foreign corporations included in miscellaneous income.
[4] Interest on Government obligations not wholly exempt from tax.
[5] Other than reported for tax credit on capital net loss from sale of assets held more than 2 years.
[6] Loss in ordinary net income for given year and net loss for prior year deductible from capital net gain.
[7] Tax after 25 percent reduction provided for in revenue act of 1924.
[8] Prior to 1924, net loss from sale of capital assets held over 2 years was included in general deductions.
[9] Averages for 1923 to 1929 computed by Bureau of Foreign and Domestic Commerce on basis of revised Census estimates of population.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 179.—INDIVIDUAL INCOME TAX RETURNS: BY STATES AND TERRITORIES, 1930 TO 1932

NOTE.—See headnote table 177. The net income here shown is subject to deduction of exemptions to give net income subject to tax; see tables 178 and 180

[Net income and tax yield in thousands of dollars]

Division and State	Number of returns			Net income			Tax yield		
	1930	1931	1932	1930	1931	1932	1930	1931	1932
Total	3,707,509	3,225,924	3,877,430	18,118,635	13,604,998	11,655,757	476,715	246,127	329,962
New England	341,327	317,683	413,699	1,737,544	1,375,300	1,246,542	45,468	23,401	30,385
Maine	17,829	16,218	20,867	90,691	74,771	62,981	1,828	1,527	1,597
N. Hampshire	13,927	12,477	15,738	60,015	49,243	43,855	952	563	747
Vermont	8,635	7,803	10,439	30,259	29,853	27,543	627	265	407
Massachusetts	202,253	193,504	249,766	1,010,334	800,923	735,391	26,510	12,380	15,619
Rhode Island	23,862	22,375	30,581	136,571	111,159	101,863	4,115	2,599	3,339
Connecticut	74,821	65,306	86,308	400,674	309,351	274,909	11,436	6,067	8,156
Middle Atlantic	1,222,012	1,080,659	1,350,968	6,766,177	5,087,798	4,477,275	233,554	116,802	163,577
New York	711,566	634,057	798,685	4,189,130	3,108,634	2,764,354	163,509	77,976	109,593
New Jersey	187,943	178,754	217,812	955,733	785,764	689,687	23,219	13,971	22,080
Pennsylvania	322,503	267,848	334,471	1,620,314	1,193,400	1,023,234	46,826	24,855	31,904
E. N. Central	835,640	694,406	757,823	3,887,832	2,808,900	2,151,495	94,064	48,252	51,125
Ohio	199,600	164,809	188,141	950,397	689,352	556,313	21,879	9,743	12,297
Indiana	65,679	54,534	63,722	280,940	204,131	168,608	5,110	2,541	3,312
Illinois	327,631	270,759	286,888	1,630,447	1,182,411	872,941	43,703	22,502	23,914
Michigan	147,364	119,623	127,515	668,391	481,018	349,800	17,479	11,028	8,380
Wisconsin	95,366	84,681	91,557	357,657	251,988	203,833	5,893	2,438	3,222
W. N. Central	260,605	228,894	272,633	1,158,681	882,569	750,008	18,976	10,082	14,201
Minnesota	57,539	52,853	61,810	266,572	213,531	173,772	4,744	2,445	3,478
Iowa	39,917	29,850	42,624	174,966	119,218	109,842	2,356	1,137	1,404
Missouri	85,507	80,356	95,808	419,648	331,483	290,702	8,750	4,748	6,875
N. Dakota	8,262	7,013	8,889	24,477	18,470	18,182	87	43	111
S. Dakota	9,449	7,387	8,356	31,454	22,131	17,956	178	106	138
Nebraska	27,271	23,940	25,503	113,935	86,120	66,007	1,381	723	971
Kansas	32,660	27,495	29,643	127,629	91,616	73,547	1,480	880	1,224
South Atlantic	288,381	262,139	335,481	1,305,426	1,068,525	1,008,415	28,446	18,072	29,218
Delaware	9,342	8,284	9,822	64,913	51,045	46,026	3,928	2,284	4,396
Maryland	68,426	60,898	83,223	354,627	277,129	265,619	9,796	5,528	7,978
Dist. of Col	51,044	51,920	73,501	217,558	200,628	213,476	4,201	2,975	5,115
Virginia	37,915	34,689	43,136	156,272	129,365	122,228	2,051	1,324	2,220
W. Virginia	27,130	22,118	26,872	110,726	80,334	73,660	1,239	516	928
N. Carolina	25,216	22,625	25,972	103,625	88,043	76,990	2,427	2,030	4,018
S. Carolina	12,179	10,536	11,902	42,714	33,859	29,081	305	198	313
Georgia	28,996	25,729	31,730	128,081	102,907	92,883	1,659	997	1,602
Florida	28,133	25,340	29,303	126,910	105,215	88,452	2,840	2,220	2,558
E. S. Central	98,455	84,528	95,225	409,978	307,986	253,605	5,487	3,154	4,158
Kentucky	31,021	26,961	32,454	135,998	103,280	89,485	1,926	1,013	1,555
Tennessee	32,682	28,117	31,543	140,423	107,251	88,515	1,955	1,414	1,699
Alabama	22,605	19,532	20,680	93,901	70,309	54,020	1,354	640	770
Mississippi	12,147	9,888	10,548	40,556	27,146	21,585	252	87	134
W. S. Central	183,053	156,207	179,122	788,380	584,197	479,780	13,892	6,496	8,587
Arkansas	12,490	9,873	10,350	43,283	29,256	24,716	242	108	216
Louisiana	32,979	28,934	33,974	138,836	107,674	92,164	1,600	892	1,424
Oklahoma	32,528	28,242	31,832	157,411	93,594	83,367	3,417	862	1,204
Texas	105,058	89,158	102,966	448,850	333,673	279,533	8,633	4,634	5,743
Mountain	87,943	73,396	82,378	351,831	260,739	216,098	4,897	2,608	3,766
Montana	11,635	9,722	10,087	45,495	34,667	28,222	461	210	497
Idaho	7,852	5,864	5,758	27,757	18,350	13,689	128	46	97
Wyoming	6,809	5,891	6,796	22,980	18,177	16,190	141	65	144
Colorado	28,986	25,279	30,537	125,796	96,662	82,078	2,440	1,378	1,816
N. Mexico	6,288	5,389	5,574	24,971	18,231	14,666	222	117	179
Arizona	10,590	8,035	8,900	42,775	28,746	23,355	584	247	305
Utah	11,777	9,785	10,624	45,309	31,864	27,028	448	196	366
Nevada	4,006	3,431	4,102	16,688	14,042	10,868	473	349	362
Pacific [1]	382,224	320,664	377,929	1,675,538	1,215,112	1,035,285	30,960	16,444	23,864
Washington [1]	63,129	51,781	56,434	238,858	174,858	133,697	2,750	1,238	1,558
Oregon	26,047	20,181	25,845	106,076	73,155	60,520	1,074	474	670
California	293,048	248,722	295,650	1,330,604	967,099	841,048	27,136	14,732	21,636
Hawaii	7,869	7,328	12,192	37,246	33,869	37,277	972	816	1,102

[1] Includes Alaska.

Source: *Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.*

No. 180.—INDIVIDUAL INCOME TAX RETURNS:

[All money figures, except average per return

Division and State or Territory	Number of returns	Total income	Deductions, including contributions	Net income [1]	Prior year loss deduction	Personal exemption and credit for dependents [2]	Tax (before tax credits)	
							Normal tax	Surtax
Total	3,877,430	14,392,080	2,736,323	11,655,757	28,984	8,517,124	156,608	239,232
New England	413,699	1,500,276	253,733	1,246,542	1,943	868,754	15,347	23,014
Maine	20,867	76,624	13,643	62,981	68	44,638	775	1,018
New Hampshire	15,738	51,962	8,107	43,855	9	33,155	454	446
Vermont	10,439	31,862	4,319	27,543	55	22,510	257	231
Massachusetts	249,766	879,886	144,495	735,391	876	523,415	9,234	11,276
Rhode Island	30,581	122,880	21,016	101,863	130	65,146	1,336	3,168
Connecticut	86,308	337,062	62,153	274,909	805	179,890	3,291	6,875
Middle Atlantic	1,350,988	5,506,347	1,029,071	4,477,275	12,093	2,989,953	69,007	134,637
New York	798,085	3,410,653	646,298	2,764,354	10,011	1,755,005	45,650	95,006
New Jersey	217,812	835,380	143,693	689,687	473	492,267	9,413	15,533
Pennsylvania	334,471	1,262,314	239,080	1,023,234	1,609	742,681	13,944	24,098
East North Central	757,893	2,855,266	533,770	2,151,495	7,795	1,668,493	28,877	33,758
Ohio	188,141	685,194	128,881	556,313	551	417,057	6,602	7,948
Indiana	93,722	297,927	89,319	168,608	185	145,176	1,541	1,912
Illinois	286,888	1,090,815	217,873	872,941	6,517	617,822	12,702	16,522
Michigan	127,516	441,827	92,027	349,800	387	292,741	3,892	5,901
Wisconsin	91,557	259,503	55,670	203,833	155	196,087	2,140	1,473
West North Central	272,633	931,102	181,095	750,008	980	616,661	8,457	6,962
Minnesota	61,810	214,511	40,739	173,772	76	134,040	2,158	1,825
Iowa	42,624	137,473	27,631	109,842	119	99,995	988	498
Missouri	95,808	302,022	71,321	290,702	411	216,530	3,604	3,981
North Dakota	8,389	22,215	4,033	18,182	2	21,485	101	10
South Dakota	8,356	22,243	4,287	17,956	44	19,211	118	33
Nebraska	25,503	80,466	14,459	66,007	165	58,227	730	279
Kansas	29,643	92,172	18,625	73,547	143	67,173	758	336
South Atlantic	335,461	1,235,522	227,109	1,008,415	1,628	729,575	12,176	21,225
Delaware	9,822	58,523	12,496	46,026	33	20,535	514	4,951
Maryland	83,223	317,933	52,314	265,619	334	175,130	3,858	5,342
Dist. of Columbia	73,501	247,669	34,193	213,476	145	139,649	3,385	2,232
Virginia	43,136	150,614	28,386	122,228	108	98,308	1,274	1,224
West Virginia	26,872	90,124	16,465	73,660	87	62,083	630	409
North Carolina	25,972	102,909	25,920	76,990	82	62,044	530	3,771
South Carolina	11,902	37,656	8,575	29,081	59	29,145	224	109
Georgia	31,730	118,136	25,253	92,883	298	74,613	849	878
Florida	29,303	111,958	23,507	88,452	482	67,978	912	2,309
East South Central	95,225	322,615	69,011	253,605	482	221,136	2,488	2,036
Kentucky	32,454	113,304	23,820	89,485	49	72,434	870	829
Tennessee	31,543	111,319	22,804	88,515	177	74,053	964	882
Alabama	20,680	68,488	14,408	54,020	103	48,540	534	303
Mississippi	10,548	29,504	7,919	21,585	133	26,109	120	22
West South Central	179,122	629,869	150,087	479,780	1,331	408,264	5,746	2,854
Arkansas	10,350	32,766	8,050	24,716	92	25,343	188	30
Louisiana	33,974	117,576	25,411	92,164	272	76,922	1,037	416
Oklahoma	31,832	110,066	26,698	83,367	290	80,486	897	337
Texas	102,966	369,461	89,928	279,533	1,227	225,513	3,624	2,072
Mountain	82,378	283,324	47,228	216,096	881	188,246	2,154	1,930
Montana	10,087	32,892	4,670	28,222	11	22,353	305	273
Idaho	5,758	16,581	2,892	13,689	9	12,970	94	5
Wyoming	5,796	19,145	2,955	16,190	56	15,807	122	26
Colorado	30,537	100,011	18,833	82,078	140	67,798	878	1,110
New Mexico	5,574	17,660	2,994	14,666	65	12,488	142	61
Arizona	8,900	29,222	5,867	23,355	73	19,420	272	65
Utah	10,624	33,718	9,690	27,028	----------	27,119	222	130
Nevada	4,102	13,195	2,327	10,868	27	8,291	119	260
Pacific [4]	377,929	1,272,966	237,702	1,035,265	1,832	796,179	13,970	12,073
Washington [4]	56,434	158,800	25,103	133,697	205	123,149	1,225	390
Oregon	25,845	75,050	14,530	60,520	95	58,009	567	147
California	295,650	1,039,116	198,069	841,048	1,532	615,021	12,178	11,536
Hawaii	12,192	44,793	7,517	37,277	9	30,873	384	745

[1] See note 1, table 183.
[2] Other items of income exempt from normal tax are shown by States in table 181.
[3] Based on Bureau of Census estimates, July 1, 1932.

Analysis by States and Territories, 1932

and per capita tax, in thousands of dollars]

Tax, etc. Contd.	Tax credits—	Net tax	Average per return		Tax per capita of total population [3]	Per cent of population filing returns	Percent of United States total				Division and State or Territory
12½ per cent on capital net gain	12½ per cent on capital net loss		Net income	Tax			Population	Returns	Net income	Tax	
6,039	71,915	329,962	3,006	85.10	2.63	3.10	100.00	100.00	100.00	100.00	Total
509	8,504	30,365	3,013	73.40	3.68	5.01	6.59	10.67	10.69	9.20	N. E.
54	249	1,597	3,018	76.55	1.99	2.61	.64	.54	.54	.49	Me.
17	170	747	2,786	47.46	1.60	3.35	.37	.41	.37	.23	N. H.
	82	407	2,638	38.95	1.13	2.90	.29	.27	.24	.12	Vt.
316	5,207	15,619	2,944	62.54	3.63	5.81	3.43	6.44	6.31	4.73	Mass.
48	712	3,839	3,331	125.54	5.50	4.38	.56	.79	.87	1.16	R. I.
74	2,084	8,156	3,185	94.50	4.99	5.28	1.30	2.22	2.36	2.47	Conn.
2,341	42,407	163,577	3,314	121.06	6.12	5.05	21.35	34.84	38.41	49.58	M. A.
1,570	32,632	109,593	3,461	137.22	8.53	6.21	10.26	20.60	23.71	33.22	N. Y.
282	3,149	22,080	3,166	101.37	5.32	5.25	3.31	5.62	5.92	6.69	N. J.
489	6,626	31,904	3,059	95.39	3.28	3.43	7.78	8.62	8.78	9.67	Pa.
1,177	10,684	51,125	2,838	67.46	1.99	2.94	20.56	19.54	18.46	15.50	E. N. C.
111	2,363	12,297	2,957	65.36	1.82	2.79	5.39	4.85	4.77	3.73	Ohio.
59	201	3,312	2,646	51.96	1.01	1.95	2.61	1.64	1.45	1.00	Ind.
474	5,784	23,914	3,043	83.36	3.08	3.69	6.20	7.40	7.49	7.25	Ill.
515	1,927	8,380	2,743	65.72	1.68	2.56	3.98	3.29	3.00	2.54	Mich.
18	409	3,222	2,226	35.20	1.08	3.08	2.38	2.36	1.75	.98	Wis.
460	1,680	14,201	2,750	52.09	1.06	2.04	10.69	7.03	6.44	4.30	W. N. C.
43	548	3,478	2,811	66.27	1.35	2.39	2.06	1.59	1.49	1.05	Minn.
25	106	1,404	2,577	32.94	.57	1.72	1.98	1.10	.94	.43	Iowa.
216	926	6,875	3,034	71.76	1.88	2.62	2.92	2.47	2.49	2.08	Mo.
	1	111	2,045	12.44	.16	1.30	.55	.23	.16	.03	N. D.
	14	138	2,149	16.46	.20	1.19	.56	.22	.16	.04	S. D.
11	50	971	2,588	38.06	.70	1.84	1.11	.66	.57	.30	Nebr.
165	35	1,224	2,481	41.28	.65	1.57	1.51	.76	.63	.37	Kans.
483	4,666	29,218	3,006	87.10	1.83	2.10	12.78	8.65	8.65	8.86	S. A.
109	1,178	4,396	4,686	447.60	18.32	4.09	.19	.25	.39	1.33	Del.
84	1,304	7,978	3,192	95.87	4.83	5.03	1.32	2.15	2.28	2.42	Md.
33	535	5,115	2,904	69.50	10.38	14.91	.39	1.89	1.83	1.55	D. C.
11	289	2,220	2,834	51.48	.91	1.77	1.95	1.11	1.05	.67	Va.
5	115	928	2,741	34.55	.53	1.53	1.41	.69	.63	.28	W. Va.
97	382	4,018	2,964	154.69	1.24	.80	2.59	.67	.66	1.22	N. C.
3	24	313	2,443	26.29	.18	.68	1.39	.31	.25	.10	S. C.
124	158	1,692	2,927	53.33	.58	1.09	2.32	.82	.80	.51	Ga.
17	681	2,558	3,019	87.28	1.67	1.92	1.22	.76	.76	.78	Fla.
46	413	4,158	2,663	43.67	.42	.95	7.99	2.46	2.18	1.26	E. S. C.
23	168	1,555	2,757	47.90	.59	1.23	2.11	.84	.77	.47	Ky.
13	100	1,699	2,806	53.88	.64	1.19	2.12	.82	.76	.52	Tenn.
10	77	770	2,612	37.23	.29	.77	2.14	.53	.46	.23	Ala.
(4)	8	134	2,046	12.66	.07	.52	1.62	.27	.19	.04	Miss.
476	488	8,587	2,679	47.94	.69	1.44	9.91	4.62	4.12	2.80	W. S. C.
	2	216	2,388	20.86	.12	.55	1.49	.26	.21	.07	Ark.
154	182	1,424	2,713	41.90	.67	1.59	1.71	.88	.79	.43	La.
38	68	1,204	2,619	37.82	.49	1.30	1.95	.82	.72	.36	Okla.
284	236	5,743	2,715	55.78	.96	1.73	4.76	2.66	2.40	1.74	Tex.
68	386	3,766	2,623	45.72	1.00	2.20	2.99	2.13	1.85	1.14	Mt.
(4)	81	497	2,798	49.24	.92	1.88	.43	.26	.24	.15	Mont.
	2	97	2,377	16.87	.22	1.29	.36	.15	.12	.03	Idaho.
(4)	4	144	2,382	21.15	.63	2.97	.18	.18	.14	.04	Wyo.
13	186	1,816	2,688	59.47	1.73	2.92	.84	.79	.70	.55	Colo.
	24	179	2,631	32.04	.42	1.29	.34	.14	.13	.06	N. M.
	32	305	2,624	34.32	.68	1.99	.36	.23	.20	.09	Ariz.
54	39	366	2,644	34.48	.71	2.06	.41	.27	.23	.11	Utah.
1	18	362	2,649	88.34	3.89	4.41	.07	.11	.09	.11	Nev.
475	2,654	23,864	2,739	68.13	2.78	4.41	6.84	9.75	8.88	7.23	Pac. [4]
40	97	1,558	2,369	27.60	.95	3.55	1.31	1.46	1.15	.47	Wash. [4]
5	49	670	2,342	25.94	.69	2.65	.78	.67	.52	.20	Oreg.
430	2,508	21,636	2,845	73.18	3.64	4.97	4.75	7.62	7.21	6.56	Calif.
4	33	1,102	3,058	90.35	2.88	3.19	.30	.31	.32	.33	Hawaii.

[4] Includes figures for Alaska. [5] Less than $500.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 181.—INDIVIDUAL INCOME TAX RETURNS: INCOME DISTRIBUTED BY SOURCES, BY STATES AND TERRITORIES, 1932

[All figures in thousands of dollars. For total income see table 180.]

Division and State or Territory	Wages and salaries	Business	Partnership	Profit from sale of real estate, stocks, bonds, etc.		Rents and royalties	Dividends on stock of domestic corporations	Interest on Government obligations [1]	Interest other than tax-exempt	Other income [2]
				Reported for tax on capital net gain	All other					
Total	8,138,718	1,294,952	482,863	50,074	112,814	529,987	1,972,133	29,188	1,141,799	641,551
New England	779,272	131,849	37,059	4,139	9,781	40,983	286,681	2,690	153,579	54,242
Maine	37,267	8,498	1,602	429	492	2,518	12,004	266	9,979	3,560
New Hampshire	25,495	6,596	1,345	137	332	2,095	9,390	99	4,716	1,757
Vermont	18,585	3,063	733	6	145	926	4,377	53	3,009	965
Massachusetts	465,824	78,522	24,127	2,596	5,209	20,734	156,206	1,410	94,235	31,023
Rhode Island	52,048	8,054	2,524	332	1,013	3,887	26,760	251	13,432	4,528
Connecticut	170,053	27,110	6,728	589	2,590	10,823	77,944	611	28,208	12,400
Middle Atlantic	2,918,955	446,849	199,755	19,279	40,718	137,843	854,521	9,163	500,254	379,009
New York	1,727,701	286,714	147,242	12,879	27,201	76,506	544,559	5,704	308,394	293,662
New Jersey	504,880	65,023	19,233	2,275	5,546	23,260	108,216	944	76,367	27,036
Pennsylvania	686,374	115,112	33,280	4,125	7,971	37,987	201,746	2,515	115,493	57,711
East North Central	1,691,298	223,727	79,385	9,592	19,858	99,629	312,838	7,344	171,619	69,476
Ohio	434,080	56,635	18,240	889	4,075	27,866	95,593	3,608	25,580	18,628
Indiana	134,046	22,360	7,613	469	1,213	8,723	21,205	1,006	6,631	4,661
Illinois	668,258	80,484	35,014	3,827	7,763	38,249	121,188	2,317	82,419	30,305
Michigan	279,413	41,500	10,221	4,160	4,513	15,723	50,609	593	25,786	9,300
Wisconsin	155,501	22,748	7,397	247	2,294	9,068	24,243	320	31,203	6,483
West North Central	556,471	106,238	33,456	3,747	7,064	42,649	93,491	2,347	62,399	23,244
Minnesota	127,490	23,737	7,719	345	1,635	7,057	23,568	489	16,330	5,041
Iowa	78,592	21,490	5,126	196	706	7,126	10,698	222	9,894	3,422
Missouri	223,990	29,202	10,805	1,744	2,750	15,170	45,714	1,329	22,896	8,362
North Dakota	14,525	2,866	816	-------	66	888	803	8	1,109	1,135
South Dakota	13,258	3,670	919	-------	310	1,200	1,221	17	1,151	498
Nebraska	49,053	11,191	3,549	92	505	3,418	5,547	105	5,393	1,612
Kansas	49,563	14,078	4,462	1,370	1,092	7,790	5,940	177	5,126	2,574
South Atlantic	734,003	100,742	34,516	3,883	8,577	51,613	178,066	2,505	77,188	44,426
Delaware	21,103	3,401	1,118	872	513	1,182	23,643	105	4,472	2,108
Maryland	181,412	24,024	8,343	668	2,176	11,659	45,517	504	26,943	16,688
Dist. of Columbia	174,046	18,394	5,279	284	1,279	9,003	17,547	512	13,474	7,851
Virginia	90,013	13,950	4,806	92	1,103	7,119	18,387	301	9,981	4,862
West Virginia	55,769	9,150	2,746	36	873	4,761	12,704	327	2,038	1,720
North Carolina	57,284	8,309	2,988	774	666	4,731	23,559	162	2,014	2,424
South Carolina	23,988	4,029	1,339	25	227	1,796	2,819	68	2,222	1,142
Georgia	75,458	9,080	3,643	992	858	5,790	15,087	131	4,850	2,247
Florida	54,930	10,405	4,254	140	882	5,577	18,798	395	11,194	5,384
East South Central	197,769	32,022	12,859	362	2,166	15,762	34,349	735	17,352	9,239
Kentucky	65,326	11,240	3,930	182	805	5,630	16,109	405	5,765	3,912
Tennessee	70,868	10,481	4,308	103	805	4,984	11,029	218	5,397	3,126
Alabama	42,785	6,370	3,323	77	379	3,633	5,712	85	4,492	1,682
Mississippi	18,790	3,931	1,298	-------	177	1,515	1,499	27	1,698	569
West South Central	355,171	73,799	33,150	4,491	9,722	54,597	44,160	1,407	35,952	17,421
Arkansas	19,267	4,833	2,073	-------	270	2,211	1,441	62	1,801	819
Louisiana	69,393	11,462	4,863	1,891	1,081	7,542	9,355	247	8,407	3,334
Oklahoma	68,658	12,742	5,383	321	1,167	8,788	5,845	215	4,288	2,659
Texas	197,863	44,762	20,831	2,279	7,204	36,056	27,519	883	21,456	10,609
Mountain	155,330	31,102	9,440	683	2,283	11,296	24,715	590	19,431	8,455
Montana	20,340	3,600	963	1	200	1,128	2,856	85	1,976	1,743
Idaho	10,903	2,416	419	-------	124	742	741	22	895	319
Wyoming	11,997	2,874	591	1	170	812	1,116	35	1,006	543
Colorado	55,260	10,872	3,725	108	935	4,361	12,714	305	9,787	2,845
New Mexico	10,003	2,600	671	-------	238	1,056	1,150	19	1,258	665
Arizona	17,769	3,740	1,207	-------	287	1,565	1,615	59	2,020	961
Utah	21,435	3,445	1,189	564	254	978	2,979	23	1,881	971
Nevada	7,623	1,555	675	9	75	654	1,544	42	608	408
Pacific [3]	721,585	145,003	42,252	3,861	12,456	73,705	135,158	1,880	102,482	34,576
Washington [3]	100,825	19,845	4,896	317	1,082	6,389	10,880	257	11,214	3,097
Oregon	46,304	10,388	3,253	42	559	3,385	4,237	112	5,244	1,526
California	574,456	114,770	34,103	3,502	10,815	63,931	120,041	1,511	86,034	29,953
Hawaii	26,864	3,626	991	38	189	1,905	8,154	29	1,533	1,462

[1] If not wholly exempt from tax. [2] Includes fiduciary income. [3] Includes Alaska.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 182.—INDIVIDUAL INCOME TAX RETURNS: By Income Classes

Note.—See headnote, table 177. The net income here shown is subject to deduction of exemptions to give net income subject to tax; see tables 178 and 183. Data for returns with net income under $5,000 are estimated, based on samples for 1926, 1927, and 1929, and partly estimated and partly tabulated for 1928, 1930, and following years

Income class (net income)	1926	1927	1928	1929	1930	1931	1932
Number of returns	4,138,092	4,101,547	4,070,851	4,044,327	3,707,509	3,225,924	3,877,430
Under $1,000	119,513	126,745	111,123	126,172	150,000	185,391	359,688
$1,000 to $2,000	1,045,519	996,098	918,447	903,082	909,155	862,153	1,489,589
$2,000 to $3,000	837,792	855,762	837,781	810,347	767,684	675,019	967,956
$3,000 to $5,000	1,240,400	1,209,345	1,192,613	1,172,655	1,070,239	912,630	708,755
$5,000 to $10,000	560,549	567,700	628,766	658,039	550,977	417,655	251,014
$10,000 to $25,000	246,730	252,079	270,889	271,454	198,762	137,754	79,210
$25,000 to $50,000	57,487	60,123	68,048	63,689	40,845	24,308	13,480
$50,000 to $100,000	20,520	22,573	27,207	24,073	13,645	7,830	5,902
$100,000 to $150,000	4,724	5,261	7,049	6,378	3,111	1,634	995
$150,000 to $300,000	3,267	3,873	5,078	5,310	2,071	1,056	595
$300,000 to $500,000	892	1,141	1,756	1,641	552	268	140
$500,000 to $1,000,000	468	557	983	976	318	149	86
$1,000,000 and over	231	290	511	513	150	77	20
	In thousands of dollars						
Net income	21,958,506	22,545,091	25,226,327	24,800,736	18,118,635	13,604,996	11,855,757
Under $1,000	67,238	72,231	64,535	73,742	86,892	106,622	231,140
$1,000 to $2,000	1,747,017	1,645,576	1,526,332	1,499,908	1,494,526	1,399,430	2,145,834
$2,000 to $3,000	2,042,903	2,062,275	2,030,901	1,958,595	1,864,162	1,641,594	2,437,251
$3,000 to $5,000	4,872,789	4,700,816	4,648,098	4,572,596	4,151,967	3,515,716	2,597,763
$5,000 to $10,000	3,838,953	3,895,759	4,282,520	4,481,576	3,723,763	2,807,001	1,677,039
$10,000 to $25,000	3,660,622	3,748,058	4,037,853	4,025,233	2,922,750	2,006,721	1,160,398
$25,000 to $50,000	1,954,653	2,051,771	2,320,503	2,174,458	1,383,619	820,648	629,639
$50,000 to $100,000	1,389,339	1,535,387	1,857,878	1,646,476	919,040	528,049	393,206
$100,000 to $150,000	570,190	636,019	850,451	770,536	374,171	196,598	119,896
$150,000 to $300,000	661,412	787,270	1,157,131	1,087,410	419,016	212,059	118,008
$300,000 to $500,000	340,214	431,122	663,900	628,229	207,131	102,186	52,469
$500,000 to $1,000,000	317,881	378,167	670,862	660,878	211,693	102,311	57,874
$1,000,000 and over	494,394	600,641	1,103,863	1,212,099	359,905	166,060	35,240
Net tax [1]	732,471	830,639	1,164,254	1,001,938	476,715	248,127	329,982
Under $1,000	56	40	60	17	37	24	103
$1,000 to $2,000	1,761	1,234	1,550	553	1,209	943	12,254
$2,000 to $3,000	4,217	3,970	4,317	1,404	3,310	2,466	9,822
$3,000 to $5,000	7,245	6,508	7,475	2,413	5,352	3,832	20,895
$5,000 to $10,000	20,272	20,665	22,896	9,551	17,448	12,407	35,615
$10,000 to $25,000	72,465	74,226	82,758	59,893	49,561	31,897	50,150
$25,000 to $50,000	112,797	119,475	136,568	113,904	72,708	40,096	43,546
$50,000 to $100,000	140,947	156,675	194,447	160,814	87,379	44,780	47,150
$100,000 to $150,000	77,900	87,398	116,855	99,550	48,749	23,135	24,469
$150,000 to $300,000	103,997	123,776	182,514	159,221	62,463	28,793	31,912
$300,000 to $500,000	55,256	73,750	113,250	97,336	33,053	15,411	18,554
$500,000 to $1,000,000	53,665	64,265	116,424	106,219	34,289	15,457	19,016
$1,000,000 and over	81,893	98,657	185,140	191,054	61,098	26,886	16,476
Average tax rate on net income, percent	3.34	3.68	4.62	4.04	2.63	1.81	2.83
Under $1,000	.08	.06	.09	.02	.04	.02	.04
$1,000 to $2,000	.10	.07	.10	.04	.08	.07	.57
$2,000 to $3,000	.21	.19	.21	.07	.18	.15	.40
$3,000 to $5,000	.15	.14	.16	.05	.13	.11	.80
$5,000 to $10,000	.52	.53	.53	.21	.47	.44	2.12
$10,000 to $25,000	1.98	1.98	2.05	1.49	1.70	1.59	4.32
$25,000 to $50,000	5.77	5.82	5.87	5.24	5.25	4.89	6.92
$50,000 to $100,000	10.14	10.20	10.47	9.77	9.51	8.48	11.99
$100,000 to $150,000	13.66	13.74	13.74	12.92	13.03	11.77	20.41
$150,000 to $300,000	15.72	15.72	15.77	14.64	14.91	13.58	27.04
$300,000 to $500,000	16.24	17.11	17.06	15.49	15.96	15.08	35.36
$500,000 to $1,000,000	16.88	16.99	17.35	15.86	16.20	15.11	32.80
$1,000,000 and over	16.50	16.42	16.70	15.76	16.98	16.19	46.75

[1] Includes normal tax, surtax, and tax on capital net gain from sale of assets held more than 2 years, less tax credits. See table 183.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 183.—INDIVIDUAL INCOME TAX RETURNS: ANALYSIS, BY INCOME CLASSES, 1932

All money figures, except average tax per return, in thousands of dollars]

Net income class (thousands of dollars)	Number of returns	Total income	General deductions, including contributions	Net income [1]	Net loss for prior year	Exemptions from normal tax: Personal exemption	Exemptions from normal tax: Dividends [2]	Exemptions from normal tax: Interest on Govt. obligations [3]	Capital net gain [4]
Total	3,877,430	14,392,080	2,736,323	11,655,757	28,984	8,517,124	1,972,133	29,188	50,074
Under 1, free [5]	350,988	9,022,434	1,610,445	226,460	----------	638,518	431,508	----------	----------
Under 1, taxed	8,700			4,680	----------	1,029			
1–2, free [5]	696,690			1,018,380	----------	1,718,787			
1–2, taxed	792,890			1,127,455	----------	807,847			
2–3, free [5]	654,144			1,040,377	----------	1,929,001			
2–3, taxed	313,812			796,874	----------	528,513			
3–4, free [5]	200,437			667,818	----------	685,422			
3–4, taxed	311,026			1,077,103	----------	775,715			
4–5, free [5]	27,634			120,836	----------	86,888			
4–5, taxed	164,608			731,946	----------	439,904			
5–6, free [5]	11,392	706,195	145,900	62,297	1,483	27,047	81,862	----------	----------
5–6, taxed	91,162			497,998	----------	247,745			
6–10	148,460	1,438,175	321,432	1,116,743	4,632	383,999	236,903	7,630	----------
10–25	79,210	1,469,570	309,172	1,160,398	6,995	189,446	394,962	10,895	902
25–50	18,480	765,486	135,848	629,638	9,893	41,379	264,633	5,743	8,296
50–100	5,902	490,669	97,462	393,207	3,463	12,415	232,224	3,042	11,675
100–150	995	153,137	33,241	119,896	694	1,918	84,459	845	6,714
150–300	596	148,505	30,497	118,008	1,412	1,073	93,637	606	8,686
300–500	140	66,333	13,805	52,468	118	210	46,352	196	5,093
500–1,000	86	76,163	18,288	57,875	294	146	54,239	160	8,704
1,000 and over	20	55,413	20,173	35,240	----------	32	51,354	71	4

Net income class (thousands of dollars)	Tax before tax credit: Normal tax	Tax before tax credit: Surtax	Tax before tax credit: 12½ per cent on capital net gain [6]	Tax credit—12½ per cent on capital net loss [7]	Net tax	Average tax per return (dollars)	Average rate of tax on net income (per cent)	Percent distribution: Returns	Percent distribution: Net income	Percent distribution: Tax
Total	156,606	239,232	6,039	71,915	329,962	85.10	2.83	100.00	100.00	100.00
Under 1, free [5]	----------	----------	----------	----------	----------	----------	----------	9.28	1.98	----------
Under 1, taxed	103	----------	----------	----------	103	11.82	2.20			.03
1–2, free [5]	----------	----------	----------	----------	----------	----------	----------	38.42	18.41	----------
1–2, taxed	12,255	----------	----------	----------	12,255	15.46	1.09			3.71
2–3, free [5]	----------	----------	----------	----------	----------	----------	----------	24.96	20.91	----------
2–3, taxed	9,822	----------	----------	----------	9,822	31.30	1.23			2.98
3–4, free [5]	----------	----------	----------	----------	----------	----------	----------	13.19	14.07	----------
3–4, taxed	10,691	----------	----------	----------	10,691	34.37	.99			3.24
4–5, free [5]	----------	----------	----------	----------	----------	----------	----------	4.96	7.32	----------
4–5, taxed	10,204	----------	----------	----------	10,204	61.99	1.39			3.09
5–6, free [5]	----------	----------	----------	----------	----------	----------	----------	2.64	4.81	----------
5–6, taxed	8,772	----------	----------	----------	8,772	96.22	1.76			2.66
6–10	24,583	2,260	----------	----------	26,843	180.81	2.40	3.83	9.58	8.14
10–25	38,939	16,273	110	5,173	50,149	633.11	4.32	2.04	9.96	15.20
25–50	23,020	37,910	990	18,973	43,547	2,356.44	6.92	.48	5.40	13.20
50–100	11,771	54,882	1,435	20,938	47,150	7,988.82	11.99	.15	3.37	14.29
100–150	2,815	29,685	820	8,850	24,470	24,592.96	20.41	.03	1.03	7.41
150–300	1,908	37,717	1,046	8,761	31,910	53,630.25	27.04	.02	1.01	9.67
300–500	590	19,878	632	2,545	18,555	132,535.71	35.36	(8)	.45	5.62
500–1,000	490	22,420	1,005	4,899	19,016	221,116.28	32.85	(8)	.50	5.76
1,000 and over	43	18,207	1	1,776	16,475	823,750.00	46.75	(8)	.30	5.00

[1] Capital net gain from sale of assets held more than 2 years is included in net income, but capital net loss from sale of assets held more than 2 years and net loss for prior year are not deducted.
[2] On stock of domestic corporations.
[3] If not wholly exempt from tax.
[4] Relates to net gain from sale of assets held more than 2 years and is the excess of the total capital net gain over capital losses. This amount less certain allowable deductions (see table 178) is subject to a special tax.
[5] Specific exemptions exceed net income.
[6] Tax of 12½ per cent on capital net gain from sale of assets held more than 2 years after deducting credits against this item. See note 4 and table 178.
[7] Capital net loss from sale of assets held more than 2 years.
[8] Less than five-thousandths of 1 per cent.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 184.—INDIVIDUAL INCOME TAX RETURNS: PERCENTAGE OF TOTAL INCOME DERIVED FROM EACH SOURCE, BY INCOME CLASSES, 1932

Net income class (thousands of dollars)	Total income[1]	Wages and salaries	Business	Partnership	Profit from sale of real estate, stocks, bonds, etc.		Rents and royalties	Dividends on stock of domestic corporations	Interest on Government obligations not wholly exempt from tax	Interest other than tax-exempt	Other income[2]
					Reported for tax on capital net gain	All other					
Total	100.00	56.54	9.00	3.36	0.35	0.78	3.68	13.70	0.20	7.93	4.46
Under 5 (est.)	100.00	67.38	10.42	2.20	----------	.46	4.10	4.78	----------	6.71	3.95
5–10	100.00	53.02	9.18	4.63	----------	1.12	3.34	14.87	.36	9.26	4.22
10–25	100.00	36.97	6.77	5.70	.06	1.77	3.43	26.88	.74	11.32	6.36
25–50	100.00	23.27	4.79	6.81	1.08	1.44	2.80	34.57	.75	12.04	7.45
50–100	100.00	21.80	3.23	6.40	2.38	1.04	2.08	47.32	.62	9.71	5.42
100–150	100.00	16.98	2.19	5.50	4.38	1.14	2.20	55.15	.55	7.85	4.06
150–300	100.00	12.34	.79	5.26	5.85	.77	1.28	63.05	.41	6.32	3.93
300–500	100.00	6.67	1.01	1.91	7.68	1.10	.75	69.87	.30	7.42	3.29
500–1,000	100.00	5.40	.61	.71	11.43	2.43	1.05	71.21	.21	3.65	3.30
1,000 and over	100.00	1.38	.01	.20	.01	.01	.02	92.67	.13	5.01	.56

[1] For amount of total income from each source, and of total income by income classes, see Tables 181 and 182, respectively.
[2] Includes fiduciary income.

No. 185.—INDIVIDUAL INCOME TAX RETURNS:[1] BY FAMILY RELATIONSHIP

	1927	1928	1929	1930	1931	1932
Number of returns	4,101,547	4,070,851	4,044,327	3,707,509	3,225,924	3,877,430
Joint returns of husbands and wives [2]	2,016,850	1,976,954	1,973,864	1,864,229	1,646,523	1,921,105
Wives filing separate returns	112,719	124,208	116,265	104,325	88,238	83,005
Single men, heads of families	302,821	286,873	290,116	263,180	237,157	255,253
Single women, heads of families	103,430	105,194	107,867	107,117	104,649	159,140
All other men	1,109,676	1,079,948	1,055,604	894,706	709,951	820,352
All other women	431,760	456,757	457,822	439,205	415,051	623,483
Community property income	24,282	40,917	42,789	34,747	24,345	15,092
Net income (1,000 dollars)	22,545,091	25,226,326	24,800,736	18,118,635	13,604,996	11,655,757
Joint returns of husbands and wives [2]	13,870,232	15,269,775	14,853,469	10,882,726	8,210,345	7,033,542
Wives filing separate returns	1,219,714	1,525,571	1,476,321	915,035	591,613	446,852
Single men, heads of families	1,211,235	1,280,921	1,257,884	986,809	782,865	629,946
Single women, heads of families	463,327	502,098	517,515	435,463	363,809	371,348
All other men	3,700,791	3,944,632	3,879,011	2,755,809	1,961,087	1,644,610
All other women	1,770,517	2,043,223	2,168,737	1,704,168	1,402,237	1,350,466
Community property income	309,274	660,105	647,799	438,625	293,040	178,993

[1] See headnote, table 177.
[2] Includes returns of husbands whose wives, though living with them, file separate returns.

Source of Tables 184 and 185: *Statistics of Income*, Reports of the Commissioner of Internal Revenue.

No. 186.—CORPORATION INCOME TAX RETURNS: RECEIPTS, DEDUCTIONS, PROFITS, AND TAX, ALL CORPORATIONS, 1921 TO 1932

[All money figures in millions of dollars]

Year	Number of returns	Total compiled receipts [1]	Gross sales [2]	Gross receipts from other operations [3]	Miscellaneous receipts	Tax-exempt income		Total statutory deductions	Cost of goods sold	Interest paid
						Dividends from other corporations [4]	Interest on tax-exempt obligations [5]			
1921	356,397	91,438	----------	----------	----------	509	189	90,282	53,328	3,141
1922	382,883	101,315	75,228	18,609	6,281	803	394	95,347	57,413	3,069
1923	398,933	119,020	91,435	19,710	6,549	870	456	111,386	69,620	3,278
1924	417,421	119,747	91,908	19,220	7,187	915	517	112,952	71,739	3,445
1925	430,072	134,780	101,476	(3)	[6] 31,609	1,175	520	125,464	80,652	3,617
1926	455,320	142,629	106,205	[6] 9,332	[6] 25,085	1,506	500	133,119	82,484	3,989
1927	475,031	144,899	106,864	[6] 9,420	[6] 26,457	1,658	501	136,230	83,487	4,375
1928	495,892	153,375	112,436	[6] 10,334	[6] 28,095	1,917	593	142,638	87,265	4,581
1929	509,436	161,158	118,101	28,598	11,329	2,593	537	149,289	91,076	4,925
1930	518,736	136,598	97,941	25,267	10,283	2,571	536	131,940	76,190	4,861
1931	516,404	103,057	75,494	21,945	8,107	1,969	542	103,334	58,774	4,492
1932	508,636	81,638	53,099	19,779	6,946	1,200	554	85,467	41,297	4,043

For footnotes see p. 186.

No. 186.—Corporation Income Tax Returns, Receipts, Deductions, Profits and Tax, All Corporations, 1921 to 1932—Continued

[All money figures in millions of dollars]

Year	Taxes other than income tax	Depreciation and depletion	Miscellaneous deductions	Compiled net profit [7]	Statutory net income less statutory deficit	Net loss for prior year [8]	Total tax	Compiled net profit less total tax	Dividends paid [9]	
									Cash	Stock
1921	1,473	2,573	29,767	1,156	458	----	[10] 702	454	----	----
1922	1,518	2,889	30,458	5,967	4,770	502	[10] 784	5,183	3,437	3,348
1923	1,635	3,116	33,736	7,634	6,308	578	937	6,697	4,169	891
1924	1,670	3,187	32,911	6,795	5,363	220	882	5,914	4,339	511
1925	([11])	3,330	37,865	9,316	7,621	243	1,170	8,146	5,189	544
1926	1,878	3,841	40,927	9,510	7,505	236	1,230	8,281	5,945	758
1927	2,014	3,848	42,500	8,669	6,510	244	1,131	7,538	6,423	703
1928	2,203	4,112	44,477	10,737	8,227	301	1,184	9,553	7,074	550
1929	2,222	4,430	46,636	11,870	8,740	392	1,193	10,676	8,356	1,289
1930	2,207	4,449	44,142	4,659	1,551	158	712	3,947	8,202	414
1931	2,231	4,270	39,067	[12] 777	[12] *3,288*	136	360	[12] *1,176*	6,151	164
1932	2,087	3,940	28,949	[12] *3,329*	[12] *5,644*	88	286	[12] *4,115*	3,886	143

[1] Includes net profit from sale of real estate, stocks, bonds, etc., and other capital assets, but not gross receipts from these items. Nontaxable income items of major importance only, interest on tax-exempt obligations and dividends on stock of domestic corporations, are included.

[2] Where inventories are an income-determining factor; cost of goods sold is shown under statutory deductions.

[3] Gross profits other than from sales prior to 1932.

[4] Dividends from domestic corporations except for 1921 which includes dividends from foreign corporations.

[5] Includes obligations of States and Territories or minor political subdivisions, securities issued under the Federal Farm Loan Act, and obligations of the United States or its possessions.

[6] For 1925, profits from operations other than from gross sales for all corporations were tabulated in "Miscellaneous receipts". For the years 1926, 1927, and 1928, such profits for corporations classified under "Transportation and other public utilities", "Service", "Finance", and "Nature of business not given" only were included in "Miscellaneous receipts".

[7] Compiled receipts less statutory deductions. [8] Deducted by concerns reporting net income.

[9] Excludes dividends of life insurance companies. Data were not compiled for 1921.

[10] Includes war and excess-profits tax. [11] Included in "Miscellaneous deductions". [12] Deficit.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 187.—CORPORATION INCOME TAX RETURNS: Receipts, Deductions, Profits, and Tax, by Industrial Groups, 1932

[All figures in millions and tenths of millions of dollars]

	All corporations [1]	Agriculture	Mining and quarrying	Manufacturing						
				Total [2]	Food	Tobacco products	Textiles	Leather	Rubber	Forest products
Compiled receipts, total [3]	81,638.0	369.0	1,672.3	32,055.6	7,298.2	1,042.5	3,891.7	841.7	638.2	855.6
Gross sales	53,099.4	253.0	978.1	29,077.9	7,009.5	828.2	3,773.2	824.7	606.5	704.0
Gross receipts from other operations	19,778.5	83.8	564.9	1,826.3	132.8	196.9	48.2	3.3	2.3	23.7
Interest	3,490.8	6.4	20.3	275.1	30.6	2.8	13.5	3.4	8.2	9.0
Rents	1,925.9	9.6	22.6	131.5	19.8	.9	13.6	2.2	3.4	6.8
Profit, sale of capital assets	142.5	1.7	10.4	26.9	1.8	.1	2.4	.2	.2	2.2
Miscellaneous receipts	1,366.6	8.6	48.0	427.9	63.2	4.2	28.9	6.3	9.8	15.0
Tax-exempt income: Dividends of other domestic corporations	1,260.0	5.1	20.5	210.9	32.0	6.6	4.2	1.0	5.2	3.2
Interest on tax-exempt obligations [5]	554.3	.8	7.4	79.1	8.5	2.8	7.8	.7	2.7	1.7
Statutory deductions, total	85,467.3	452.0	1,868.7	33,571.9	7,265.5	899.8	4,170.9	883.2	669.1	1,057.9
Cost of goods sold	41,297.3	195.7	757.1	22,163.2	5,372.9	602.4	3,190.3	602.4	429.2	687.9
Compensation of officers	2,132.6	16.2	38.4	734.1	100.4	7.8	125.4	23.0	6.5	38.6
Interest paid	4,043.1	24.3	79.1	540.2	73.6	3.9	35.8	6.0	19.0	27.9
Taxes paid [4]	2,087.3	21.7	62.3	547.4	67.9	9.2	44.5	6.3	8.8	24.8
Bad debts	1,313.3	6.2	12.5	335.3	41.0	2.7	48.3	12.6	18.1	20.3
Depreciation and depletion	3,939.7	34.3	276.5	1,686.9	199.9	7.6	129.9	14.4	33.0	63.1
Loss, sale of capital assets	1,705.2	10.3	28.8	244.0	58.7	4.8	28.3	4.0	1.3	14.3
Miscellaneous deductions	28,948.9	143.3	623.1	7,320.8	1,351.1	261.3	568.3	124.5	153.2	181.0
Compiled net profit or deficit	[5] *3,829.3*	[5] *83.1*	[5] *196.4*	[5] *1,616.3*	82.7	142.6	[5] *279.2*	[5] *41.5*	[5] *80.9*	[5] *202.3*
Deduct tax-exempt items	1,814.2	5.9	27.9	290.0	40.5	9.4	12.0	1.7	7.8	4.9
Statutory net income less net deficit	[5] *5,643.6*	[5] *89.0*	[5] *224.4*	[5] *1,806.4*	[5] *7.8*	133.2	[5] *291.2*	[5] *43.1*	[5] *88.7*	[5] *207.1*
Net loss for prior year	88.5	1.1	8.7	32.6	16.4	([6])	2.9	.7	.6	.4
Total tax	286.0	.7	7.4	99.9	25.2	19.1	5.0	2.4	.3	.7
Compiled net profit less total tax	[5] *4,115.4*	[5] *83.7*	[5] *203.9*	[5] *1,616.3*	7.5	123.6	[5] *284.2*	[5] *43.9*	[5] *91.2*	[5] *202.9*

For footnotes, see p. 187.

No. 187.—Corporation Income Tax Returns: Receipts, Deductions, Profits, and Tax, by Industrial Groups, 1932—Continued

[All figures in millions and tenths of millions of dollars]

	Manufacturing					Construction	Public utilities [7]	Trade	Public service	Finance
	Paper	Printing	Chemicals	Stone, etc.	Metals					
Compiled receipts, total [3]	1,011.3	1,792.7	6,472.4	672.3	6,537.1	1,442.8	11,261.3	23,146.0	3,094.2	8,581.7
Gross sales	954.5	1,003.9	5,716.9	644.3	5,977.5	688.4	--------	22,102.0	--------	--------
Gross receipts from other operations	11.2	723.5	403.8	6.4	258.3	674.9	10,091.2	484.4	2,653.2	[3] 3,389.7
Interest	19.9	9.3	82.2	5.1	78.8	18.1	268.4	93.8	29.0	2,778.8
Rents	4.6	17.6	27.4	2.6	27.2	16.5	158.2	109.2	317.3	1,160.7
Profit, sale of capital assets	1.2	1.5	9.5	.5	6.5	3.0	12.2	8.4	7.5	71.9
Miscellaneous receipts	12.8	21.0	118.7	9.9	119.3	19.3	279.9	299.3	67.4	235.2
Tax-exempt income:										
Dividends of other domestic corporations	5.2	12.0	99.2	1.5	39.1	17.7	429.1	36.3	17.5	520.6
Interest on tax-exempt obligations [3]	1.9	4.0	14.6	2.4	30.3	4.9	22.3	12.5	2.4	424.7
Statutory deductions, total	1,068.7	1,814.2	6,414.1	785.8	7,451.1	1,530.6	10,940.7	23,902.4	3,490.4	[9] 9,683.8
Cost of goods sold	737.0	655.5	3,965.5	468.5	4,680.8	571.4	--------	17,610.0	--------	--------
Compensation of officers	28.9	89.7	66.0	27.0	174.9	88.1	85.1	616.3	155.3	397.8
Interest paid	35.9	30.0	141.9	16.6	129.6	31.6	1,611.9	167.8	204.5	1,382.9
Taxes paid [4]	18.0	20.3	157.1	13.4	163.2	13.1	709.2	182.2	123.7	427.3
Bad debts	7.5	29.4	41.9	10.1	82.4	17.4	68.0	277.1	33.8	501.3
Depreciation and depletion	63.6	58.9	508.9	70.4	489.5	58.9	1,083.9	279.4	225.9	302.3
Loss, sale of capital assets	4.2	9.0	35.4	8.2	65.7	15.3	133.1	63.1	98.9	1,104.6
Miscellaneous deductions	173.6	921.4	1,477.4	151.6	1,664.9	734.8	7,249.6	4,706.3	2,648.4	[9] 5,507.6
Compiled net profit or deficit	[5] 57.3	[5] 21.4	58.3	[5] 93.0	[5] 914.0	[5] 87.8	320.6	[5] 756.4	396.2	[5] 1,102.2
Deduct tax-exempt items	7.1	15.9	113.8	3.8	69.5	22.5	451.5	48.8	19.9	945.4
Statutory net income less net deficit	[5] 64.5	[5] 37.4	[5] 55.5	[5] 96.8	[5] 983.5	[5] 110.4	[5] 130.9	[5] 805.3	416.1	[5] 2,047.5
Net loss for prior year	.5	2.3	5.5	.4	2.2	4.1	5.6	12.1	3.8	20.5
Total tax	2.2	7.8	22.6	1.8	0.6	3.6	98.1	30.6	8.9	36.6
Compiled net profit less total tax	[5] 59.6	[5] 29.2	35.6	[5] 94.7	[5] 923.6	[5] 91.5	222.5	787.1	[5] 405.1	[5] 1,138.7

[1] Includes data for corporations which did not report the nature of their business.
[2] Total includes "all other manufacturing" not shown separately.
[3] See note on corresponding item, table 186. [4] Taxes other than income tax.
[5] Deficit. [6] Less than $50,000. [7] Including transportation.
[8] Includes for a limited number of returns the cost of securities purchased for customers.
[9] Includes special nonexpense deductions of life insurance companies.

No. 188.—GROSS INCOME OF CORPORATIONS: By Industrial Groups

Note.—In millions of dollars. Gross income excludes nontaxable income, except dividends on capital stock of domestic corporations, but includes receipts from all other sources. Sales are included on a gross basis, but only net profits from the sale of real estate, stocks, bonds, and other capital assets are included. Data are not comparable with "total income" of individuals shown in other tables. See also table 187

Industrial group	1925	1926	1927	1928	1929	1930	1931	1932
Total	134,260	142,130	144,398	152,781	160,622	136,062	107,515	81,083
Agriculture and related industries	794	864	822	825	883	671	492	368
Mining and quarrying	4,925	4,548	3,837	3,559	4,048	2,999	2,229	1,665
Manufacturing, total	60,830	62,495	63,723	67,273	72,132	58,650	44,033	31,976
Food products, including beverages	13,400	12,316	12,713	13,049	13,497	12,015	9,355	7,290
Tobacco products		1,160	1,201	1,200	1,271	1,171	1,184	1,039
Textiles and their products	7,716	7,753	7,807	7,837	8,233	6,417	5,301	3,884
Leather and its manufactures	1,515	1,661	1,731	1,722	1,741	1,389	1,110	841
Rubber products	1,469	1,600	1,447	1,386	1,427	1,100	817	636
Forest products	2,968	3,069	2,804	2,842	2,795	1,988	1,348	854
Paper, pulp, and products	1,491	1,652	1,669	1,728	1,796	1,579	1,272	1,009
Printing, publishing, etc	2,282	2,547	2,566	2,680	2,871	2,663	2,285	1,789
Chemicals and allied products	7,065	8,090	8,768	9,551	10,288	9,727	7,324	6,468
Stone, clay, and glass products	1,502	1,665	1,600	1,655	1,655	1,410	1,041	670
Metal and its products	19,110	18,454	19,185	21,174	24,093	17,198	11,514	6,507
All other manufacturing	2,311	2,527	2,229	2,449	2,466	1,994	1,482	999
Construction	2,306	2,816	3,056	2,978	3,082	3,042	2,236	1,438
Transportation and public utilities	11,881	14,704	15,140	15,802	17,084	15,996	13,386	11,239
Trade	39,347	40,938	40,944	43,204	43,495	37,209	30,593	23,133
Public service	2,839	3,360	3,587	3,828	4,192	4,165	3,679	3,092
Finance, banking, insurance, etc	10,517	12,300	13,204	15,294	15,659	13,297	10,830	8,157
Nature of business not given	322	45	86	48	48	33	37	15

Source of tables 187 and 188: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 189.—CORPORATION DIVIDENDS: As Shown in Income Tax Returns

[In millions and tenths of millions of dollars. For totals for earlier years, see table 186]

Industrial group	1929		1930		1931		1932	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
Total	8,355.7	1,288.6	8,202.2	414.2	6,151.1	183.5	3,885.6	143.0
Agriculture and related industries	33.5	5.4	25.0	3.2	25.7	1.9	13.5	0.5
Mining and quarrying	425.1	39.4	302.6	12.6	173.3	5.0	102.1	1.9
Manufacturing, total	3,158.8	409.3	3,161.0	121.9	2,285.6	42.1	1,326.5	81.5
Food products, including beverages	449.7	51.6	483.2	9.3	299.2	6.2	231.7	7.1
Tobacco products					107.0	(1)	98.9	(1)
Textiles and their products	189.3	18.4	140.6	11.0	105.1	4.3	58.9	3.5
Leather and its manufactures	39.3	2.5	40.0	1.7	28.5	.6	20.6	.0
Rubber products	46.1	18.3	44.1	.6	26.9	(1)	19.3	.7
Forest products	103.0	12.4	69.0	4.5	35.2	1.7	17.5	.5
Paper, pulp, and products	79.5	1.6	75.3	12.1	46.0	3.4	25.9	.5
Printing, publishing, etc.	152.7	17.1	175.2	6.9	111.7	3.7	71.5	21.8
Chemicals and allied products	819.9	189.7	864.8	25.4	668.6	6.6	378.9	12.5
Stone, clay, and glass products	90.8	11.5	79.7	8.4	69.1	.4	29.4	.1
Metal and its products	1,078.3	76.6	1,091.9	35.3	724.7	13.9	342.5	33.8
All other manufacturing	110.1	10.2	97.2	6.7	73.5	1.2	31.4	1.0
Construction	77.8	12.5	113.5	7.8	63.1	6.3	40.5	2.5
Transportation and other public utilities	2,092.7	40.1	2,223.9	40.2	1,796.5	16.2	1,313.4	19.0
Trade	624.9	97.7	560.3	61.7	433.3	16.5	250.4	10.6
Public service	176.5	7.4	165.1	11.3	115.7	10.5	71.9	1.4
Finance—banking, insurance, etc.	1,762.9	675.6	1,646.8	165.3	1,255.7	65.0	766.3	25.6
Nature of business not given	3.5	.6	2.5	.1	2.1	.1	1.0	(1)

[1] Less than $50,000.

No. 190.—ASSETS AND LIABILITIES OF CORPORATIONS: As of December 31 or at the Close of the Fiscal Year Nearest Thereto

[All money figures in millions of dollars]

Year	Number of returns filed [1]	Number of balance sheets	Total assets or total liabilities	Assets					
				Cash [2]	Notes and accounts receivable [3]	Inventories	Tax-exempt investments [4]	Investments other than tax-exempt [5]	Capital assets (less depreciation)
1926	455,320	359,449	262,179	16,802	23,552	20,039	8,694	----------	97,523
1927	425,676	379,156	287,642	16,851	50,959	21,005	9,781	----------	104,946
1928	443,611	384,548	307,218	21,052	62,804	20,751	10,116	----------	109,931
1929	456,021	398,815	335,778	22,371	66,810	21,911	10,338	55,844	116,446
1930	463,036	403,173	334,002	21,012	59,675	18,771	10,228	83,809	120,994
1931	459,704	381,088	296,497	15,880	48,667	15,140	10,667	74,305	115,303
1932	451,884	392,021	280,082	16,917	39,564	12,372	11,017	75,030	108,553

Year	Assets—Contd.	Liabilities						
	Miscellaneous assets [3]	Notes and accounts payable	Bonded debt and mortgages	Miscellaneous liabilities	Capital stock [6]		Surplus and undivided profits	Deficit	Net surplus
					Preferred	Common			
1926	94,660	24,042	31,801	87,076	17,148	67,517	39,154	4,557	34,597
1927	84,001	24,126	37,740	93,274	17,800	74,081	45,415	4,893	40,521
1928	81,663	27,437	42,943	93,950	18,475	77,256	52,069	4,913	47,156
1929	42,057	29,453	46,643	99,314	19,738	85,520	60,699	5,588	55,111
1930	19,511	26,870	50,282	95,768	19,117	87,067	61,632	6,734	54,898
1931	16,534	23,251	48,101	81,882	19,117	79,794	51,976	7,624	44,352
1932	16,129	20,502	47,310	78,641	19,076	78,413	45,664	9,584	36,080

[1] Excludes inactive corporations except for 1926.
[2] Cash in till and deposits in banks.
[3] Less reserve for bad debts. Beginning 1927, this item includes loans and discounts of banks included in miscellaneous assets in 1926.
[4] See note 5, table 186.
[5] Prior to 1930, stocks, bonds other than tax-exempt, loans, mortgages, etc., owned by life insurance companies and, prior to 1929, investments other than tax-exempt of all corporations were included with miscellaneous assets.
[6] For balance sheets in which common and preferred stock are not reported separately, the combined amount is tabulated as "Common stock." For balance sheets with no par stock and not reporting capital stock value, the net worth is tabulated under "Surplus and undivided profits."

Source of tables 189 and 190: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 191.—ASSETS AND LIABILITIES OF CORPORATIONS: AS OF DECEMBER 31, 1932, OR AT CLOSE OF FISCAL YEAR NEAREST THERETO

[All money figures in millions of dollars]

	Total [1]	Agriculture	Mining and quarrying	Manufacturing						
				Total [2]	Food	Tobacco products	Textiles	Leather	Rubber	Forest products
Number of corporations submitting balance sheets	302,021	7,716	10,020	82,083	12,985	336	13,462	2,192	509	6,147
Assets, total [3]	280,082	2,143	9,485	59,023	6,817	1,106	4,442	802	1,214	2,704
Cash [4]	15,917	50	236	3,343	455	167	307	76	70	77
Notes and accounts receivable	30,564	168	515	6,542	778	127	545	154	233	327
Inventories	12,372	150	392	7,310	832	353	781	208	132	338
Investments—tax-exempt [5]	*11,917*	*22*	*140*	*1,874*	*187*	*87*	*221*	*22*	*18*	*44*
Investments other than tax-exempt	75,630	286	1,226	9,777	930	120	342	67	236	327
Capital assets—lands, buildings, and equipment [6]	108,553	1,340	6,415	25,622	3,046	96	2,005	210	420	1,448
Miscellaneous assets [7]	16,129	127	561	4,555	589	156	241	65	96	143
Liabilities, total [3]	280,082	2,143	9,485	59,023	6,817	1,106	4,442	802	1,214	2,704
Notes and accounts payable	20,562	370	768	5,507	769	30	533	94	204	366
Bonded debt and mortgages	47,310	234	957	5,226	754	72	210	25	220	253
Miscellaneous liabilities [8]	78,641	200	772	4,314	365	61	237	47	50	178
Capital stock	97,489	1,152	5,460	31,186	3,660	608	2,740	533	688	1,408
Preferred	19,076	96	507	6,607	947	147	704	161	238	183
Common	78,413	1,056	4,953	24,579	2,713	461	2,036	372	450	1,225
Surplus	*45,664*	*427*	*2,409*	*15,504*	*1,551*	*339*	*1,114*	*172*	*161*	*764*
Less deficit	*9,584*	*240*	*881*	*8,514*	*282*	*4*	*392*	*69*	*109*	*265*
Net surplus	36,080	187	1,528	12,790	1,269	335	722	103	52	499

	Manufacturing—Continued					Construction	Transportation and other public utilities	Trade	Public service	Finance (banking, insurance, etc.)
	Paper	Printing	Chemicals	Stone, etc.	Metals					
Number of corporations submitting balance sheets	2,006	10,589	6,472	3,870	17,322	15,382	17,547	119,346	34,552	104,141
Assets, total [3]	2,344	2,934	13,525	1,972	19,266	2,141	72,149	15,756	8,460	110,753
Cash [4]	83	114	592	82	1,220	132	1,209	1,042	232	9,581
Notes and accounts receivable	183	560	1,252	155	1,938	479	2,539	4,006	637	24,647
Inventories	204	144	1,347	222	2,447	138	713	3,368	145	150
Investments—tax-exempt [5]	*45*	*88*	*236*	*61*	*809*	*114*	*173*	*352*	*56*	*9,184*
Investments other than tax-exempt	490	610	3,459	170	2,701	403	12,785	1,716	1,171	48,213
Capital assets—lands, buildings, and equipment [6]	1,182	904	5,714	1,174	8,808	674	50,053	4,158	5,611	14,634
Miscellaneous assets [7]	157	505	925	108	1,343	201	4,582	1,116	628	4,344
Liabilities, total [3]	2,344	2,934	13,525	1,972	19,266	2,141	72,149	15,756	8,460	110,753
Notes and accounts payable	172	564	1,030	155	1,372	448	3,382	3,442	983	5,625
Bonded debt and mortgages	330	304	1,162	194	1,549	274	27,006	1,204	3,008	9,395
Miscellaneous liabilities [8]	116	157	783	107	2,025	295	5,932	938	698	65,280
Capital stock	1,249	1,203	7,344	1,174	9,511	791	27,793	8,238	3,078	19,634
Preferred	345	242	862	289	2,256	140	6,189	1,618	615	3,260
Common	904	961	6,482	885	7,255	651	21,604	6,620	2,463	16,374
Surplus	*522*	*840*	*3,530*	*445*	*5,427*	*492*	*9,152*	*3,224*	*1,419*	*13,238*
Less deficit	*54*	*134*	*314*	*102*	*618*	*159*	*1,097*	*1,288*	*707*	*2,604*
Net surplus	468	706	3,206	342	4,809	333	8,036	1,936	713	10,619

[1] Includes data for *corporations* which did not report the nature of their business.
[2] Includes "All other manufacturing" not shown separately.
[3] Less deficit.
[4] In till and deposits in bank.
[5] See note 5, table 186.
[6] Less depreciation.
[7] Includes copyrights, formulas, goodwill, patents, trade marks, sinking funds, deferred charges, organization expenses, prepaid and suspense items, interest, discount, coupons and dividends receivable, guaranty deposits and deposits on contracts, meters, and leaseholds, cash value of life insurance. Miscellaneous assets of life insurance companies include market value of real estate and bonds in excess of book value, interest, rents, and premiums due, agents' balances.
[8] Includes all reserves other than surplus and reserves for depletion, depreciation, and bad debts, deferred and suspense items, funds held in trust, borrowed securities, discount and dividends payable, outstanding coupons and certificates, overdrafts. Miscellaneous liabilities of life insurance companies include the net value of outstanding policies and securities and borrowed money. Miscellaneous liabilities of banks include deposits (time, saving, demand, etc.) and bank notes in circulation.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 192.—CORPORATION INCOME TAX RETURNS: NUMBER, ASSETS, RECEIPTS, NET PROFIT OR DEFICIT, AND NET INCOME OR DEFICIT OF CORPORATIONS SUBMITTING BALANCE SHEETS, BY TOTAL ASSETS CLASSES

[All money figures (except assets classes) in millions and tenths of millions of dollars]

Total assets classes (thousands of dollars)	Number of returns	Total assets or liabilities	Total compiled receipts [1]	Compiled net profit or deficit [2]	Statutory net income or deficit	Number of returns	Total assets or liabilities	Total compiled receipts [1]	Compiled net profit or deficit [2]	Statutory net income or deficit
	All corporations, 1931					All corporations, 1932 [3]				
Total	331,088	296,497.0	105,236.0	(4) 487.1	(4) 3,924.9	302,021	260,092.9	79,700.5	(4) 3,510.7	(4) 5,262.1
Under 50	182,447	3,702.8	6,052.5	(4) 412.2	(4) 417.8	206,477	3,869.8	6,340.3	(4) 608.7	(4) 612.3
50 to 100	61,144	4,366.5	5,398.1	(4) 218.6	(4) 219.4	58,320	4,153.2	4,100.7	(4) 312.3	(4) 317.8
100 to 250	63,428	10,072.1	8,803.0	(4) 339.7	(4) 361.5	59,500	9,414.3	6,561.4	(4) 484.0	(4) 502.0
250 to 500	31,052	10,029.6	7,209.5	(4) 251.0	(4) 280.8	28,422	9,988.1	5,297.1	(4) 378.6	(4) 405.6
500 to 1,000	19,335	13,530.9	7,078.8	(4) 252.3	(4) 311.1	17,590	12,288.8	5,087.6	(4) 394.5	(4) 442.8
1,000 to 5,000	18,345	37,955.4	14,595.0	(4) 558.9	(4) 788.7	16,705	34,432.1	10,744.1	(4) 834.1	(4) 1,035.6
5,000 to 10,000	2,588	17,965.2	5,588.5	(4) 197.3	(4) 281.2	2,442	16,857.0	4,026.5	(4) 336.2	(4) 452.3
10,000 to 50,000	2,117	43,167.2	13,365.1	(4) 35.8	(4) 434.5	1,947	39,839.0	9,905.4	(4) 404.8	(4) 781.6
50,000 and over	632	154,807.3	36,247.5	1,694.2	179.1	618	149,240.6	27,037.4	331.5	(4) 711.6
	1932									
	Agriculture					Mining and quarrying				
Total	7,716	2,142.6	353.8	(4) 76.9	(4) 82.4	10,020	9,485.4	1,652.7	(4) 185.8	(4) 213.6
Under 50	3,387	74.3	34.1	(4) 11.3	(4) 11.3	3,830	80.0	45.9	(4) 12.7	(4) 12.8
50 to 100	1,372	99.6	25.7	(4) 6.9	(4) 6.9	1,524	109.5	38.6	(4) 6.7	(4) 6.9
100 to 250	1,504	233.4	50.0	(4) 12.0	(4) 12.2	1,842	295.4	88.4	(4) 11.5	(4) 11.8
250 to 500	712	247.0	39.1	(4) 10.5	(4) 10.8	986	348.4	91.6	(4) 8.9	(4) 9.6
500 to 1,000	382	265.7	35.5	(4) 12.1	(4) 12.8	723	511.4	97.9	(4) 12.4	(4) 13.2
1,000 to 5,000	319	616.1	59.9	(4) 16.2	(4) 18.9	857	1,807.4	293.8	(4) 26.0	(4) 31.3
5,000 to 10,000	(5) 31					134	914.8	119.2	(4) 12.5	(4) 17.6
10,000 to 50,000	(5) 8	606.5	109.5	(4) 7.9	(4) 9.5	103	2,021.0	346.5	(4) 23.1	(4) 27.6
50,000 and over	(5) 1					21	3,397.5	530.8	(4) 72.0	(4) 82.8
	Manufacturing					Construction				
Total	82,083	59,023.5	31,850.5	(4) 1,468.4	(4) 3,266.2	15,382	2,141.3	1,384.0	(4) 83.7	(4) 106.2
Under 50	40,901	784.6	1,340.6	(4) 144.7	(4) 161.6	10,303	170.7	251.2	(4) 34.2	(4) 34.3
50 to 100	12,539	896.6	1,093.7	(4) 90.1	(4) 110.1	2,048	143.5	153.8	(4) 14.6	(4) 14.9
100 to 250	13,021	2,065.1	2,023.8	(4) 158.4	(4) 211.9	1,744	269.4	229.6	(4) 18.8	(4) 19.4
250 to 500	6,506	2,290.1	1,887.6	(4) 143.4	(4) 212.2	677	235.0	175.3	(4) 11.8	(4) 12.6
500 to 1,000	4,013	2,797.4	1,970.1	(4) 141.0	(4) 233.6	337	233.9	140.1	(4) 8.1	(4) 9.3
1,000 to 5,000	3,887	8,090.5	4,734.7	(4) 344.2	(4) 601.0	236	451.3	232.0	(4) 8.2	(4) 7.1
5,000 to 10,000	587	4,096.1	2,027.8	(4) 119.4	(4) 277.8	(5) 20				
10,000 to 50,000	512	10,708.3	4,734.6	(4) 321.2	(4) 655.2	(5) 16	637.5	202.0	6.0	(4) 8.6
50,000 and over	117	27,294.8	12,037.6	(4) 6.9	(4) 802.8	(5) 1				
	Transportation and other public utilities					Trade				
Total	17,547	72,148.8	10,735.0	841.2	(4) 84.3	119,348	15,758.5	22,808.6	(4) 705.4	(4) 753.5
Under 50	10,665	176.6	227.5	(4) 16.7	(4) 16.7	80,204	1,485.3	3,562.3	(4) 229.6	(4) 230.1
50 to 100	1,992	139.8	109.4	(4) 6.1	(4) 6.2	17,628	1,240.9	2,220.7	(4) 109.2	(4) 109.9
100 to 250	1,840	287.9	146.0	(4) 5.0	(4) 5.3	13,136	2,019.1	3,176.9	(4) 143.7	(4) 145.8
250 to 500	863	301.1	107.2	(4) 3.7	(4) 4.3	4,584	1,588.2	2,286.5	(4) 89.4	(5) 91.6
500 to 1,000	647	459.5	141.7	(4) 14.1	(4) 16.0	2,138	1,465.1	1,864.7	(4) 64.7	(4) 68.2
1,000 to 5,000	815	1,809.7	335.5	5.3	1.9	1,384	2,629.4	3,267.4	(4) 92.6	(4) 102.0
5,000 to 10,000	232	1,867.8	253.6	.3	(4) 8.2	159	1,113.2	1,370.9	(4) 14.1	(4) 20.4
10,000 to 50,000	278	6,334.9	1,037.2	49.7	29.1	91	1,788.2	1,872.5	(4) 10.9	(4) 20.5
50,000 and over	215	60,971.5	8,376.9	331.5	(4) 64.6	22	2,429.1	2,986.7	48.8	35.0
	Public Service					Finance—Banking, insurance, etc.				
Total	34,552	8,479.7	2,953.4	(4) 371.0	(4) 390.4	104,141	110,752.7	8,156.5	(4) 953.5	(4) 1,886.0
Under 50	21,511	344.5	508.3	(4) 58.2	(4) 58.4	34,807	743.3	307.4	(4) 98.9	(4) 101.0
50 to 100	4,316	305.6	248.2	(4) 32.9	(4) 33.1	16,771	1,208.6	210.0	(4) 45.2	(4) 48.5
100 to 250	4,343	686.3	351.9	(4) 26.7	(4) 27.6	21,950	3,539.5	493.4	(4) 104.9	(4) 116.3
250 to 500	1,882	661.6	231.0	(4) 17.4	(4) 18.2	12,183	4,300.1	477.7	(4) 92.8	(4) 110.6
500 to 1,000	1,229	859.2	256.2	(4) 22.6	(4) 23.9	8,087	5,672.7	580.8	(4) 119.1	(4) 152.5
1,000 to 5,000	1,081	2,158.1	461.6	(4) 73.7	(4) 77.2	8,096	16,818.9	1,368.9	(4) 284.2	(4) 427.1
5,000 to 10,000	121	788.0	189.5	(4) 23.7	(4) 24.3	1,157	7,944.6	631.1	(4) 160.2	(4) 245.3
10,000 to 50,000	60	2,676.4	668.8	(4) 116.8	(4) 127.2	878	17,468.1	1,539.4	(4) 148.6	(4) 346.9
50,000 and over	9					232	53,058.9	2,556.8	100.4	(4) 317.8

[1] See note 1, table 186.
[2] Total compiled receipts less statutory deductions.
[3] Includes data for corporations which did not report the nature of their business not shown separately.
[4] Deficit.
[5] Classes grouped to conceal identity of taxpayer.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 193.—CORPORATION INCOME TAX RETURNS: BY STATES AND TERRITORIES, 1929 TO 1932

[All figures in thousands of dollars]

Division and State	Net income (corporations reporting net income)				Income tax			
	1929	1930	1931	1932	1929	1930	1931	1932
Total	11,653,886	6,428,813	3,683,368	2,153,113	1,193,436	711,704	398,994	286,034
New England	756,553	396,767	267,431	162,574	76,418	43,392	29,091	21,635
Maine	35,379	24,232	13,355	7,924	3,432	2,497	1,304	1,084
New Hampshire	11,948	7,455	4,166	2,151	1,117	720	362	277
Vermont	10,255	5,287	1,933	1,210	963	491	155	168
Massachusetts	444,570	249,537	170,983	106,655	44,620	27,837	18,985	14,217
Rhode Island	54,487	25,345	18,184	9,290	5,504	2,677	1,887	1,147
Connecticut	199,914	84,911	58,810	35,344	20,782	9,170	6,398	4,752
Middle Atlantic	5,151,840	2,881,947	1,622,997	970,772	540,903	326,485	179,586	130,759
New York	3,646,922	2,091,540	1,216,637	700,156	383,110	238,010	135,402	94,739
New Jersey	444,895	224,871	157,129	106,566	45,680	24,075	16,813	14,037
Pennsylvania	1,060,023	565,536	249,231	164,050	112,113	64,380	27,371	21,983
East North Central	2,875,791	1,451,953	773,699	343,724	290,062	161,205	83,854	44,225
Ohio	687,231	301,339	170,378	114,481	71,393	33,041	18,223	15,124
Indiana	124,080	71,467	50,362	23,414	11,980	7,250	4,888	3,108
Illinois	1,103,647	586,664	263,614	131,959	115,133	66,135	28,520	15,713
Michigan	762,435	389,343	239,140	54,022	71,628	43,858	27,123	7,219
Wisconsin	198,398	103,140	50,205	19,848	19,928	10,921	5,100	3,061
West North Central	852,551	400,375	233,114	142,850	86,142	42,258	23,958	19,178
Minnesota	146,609	87,556	57,311	31,115	14,697	9,225	5,991	4,166
Iowa	68,046	46,489	25,509	11,239	6,399	4,574	2,361	1,503
Missouri	262,695	162,446	101,315	78,524	26,786	17,748	10,872	10,554
North Dakota	4,538	2,721	1,651	827	251	133	94	102
South Dakota	6,296	4,846	2,241	699	395	294	118	84
Nebraska	30,079	21,996	12,648	7,138	2,662	2,043	1,087	948
Kansas	134,228	74,321	32,439	13,308	13,952	8,241	3,435	1,819
South Atlantic	893,882	534,441	377,094	239,753	91,927	59,012	41,602	32,496
Delaware	272,455	125,273	76,198	40,697	20,423	14,548	8,939	5,573
Maryland	165,645	116,375	76,622	56,117	16,851	13,225	8,736	7,712
Dist. of Columbia	52,909	30,331	22,376	14,949	5,460	3,286	2,419	2,064
Virginia	132,956	110,675	76,746	36,692	13,794	12,519	8,662	4,972
West Virginia	59,047	27,487	16,445	7,915	5,757	2,647	1,586	1,039
North Carolina	104,314	73,172	71,193	62,687	10,863	8,334	8,148	8,565
South Carolina	16,161	6,281	6,084	3,448	1,464	525	539	433
Georgia	62,281	23,925	18,624	10,767	6,105	2,252	1,664	1,354
Florida	28,114	20,922	12,806	6,481	2,210	1,676	909	784
East South Central	179,664	89,964	51,468	30,793	17,264	8,906	4,796	3,953
Kentucky	77,305	38,453	18,965	14,468	7,746	3,982	1,843	1,873
Tennessee	59,533	33,117	22,969	12,997	5,744	3,364	2,274	1,700
Alabama	29,089	12,394	6,049	2,200	2,643	1,048	412	247
Mississippi	13,737	6,000	3,485	1,128	1,131	512	267	133
West South Central	365,963	208,323	94,072	77,905	34,419	21,145	8,935	9,320
Arkansas	17,566	6,755	3,946	1,900	1,451	571	303	231
Louisiana	53,648	33,217	23,234	14,929	4,980	3,096	2,150	1,765
Oklahoma	105,607	71,297	20,911	20,218	9,795	7,739	2,171	2,611
Texas	189,132	97,054	45,981	40,858	18,193	9,739	4,311	4,713
Mountain	128,807	68,617	41,913	26,432	11,663	6,325	3,798	3,387
Montana	11,941	5,582	3,286	1,048	941	379	251	121
Idaho	7,525	4,943	2,819	1,258	505	403	226	177
Wyoming	3,976	3,066	1,701	528	262	203	91	59
Colorado	52,349	30,943	18,442	14,283	5,084	3,090	1,786	1,775
New Mexico	4,320	2,456	1,247	412	354	179	68	47
Arizona	18,992	4,756	2,522	868	1,732	421	194	106
Utah	19,933	11,323	5,056	1,573	1,814	1,055	426	206
Nevada	9,771	5,548	6,840	6,462	971	595	754	896
Pacific	619,179	373,086	216,693	150,377	62,547	40,317	22,879	20,028
Washington	76,230	31,492	17,608	7,744	6,986	2,686	1,307	954
Oregon	30,026	17,010	8,930	3,055	2,601	1,517	768	371
California	512,923	324,584	190,149	139,578	52,960	36,114	20,714	18,703
Alaska	837	508	333	200	46	35	18	24
Hawaii	28,829	22,836	4,552	7,673	3,046	2,643	477	1,031

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 194.—CORPORATION INCOME TAX RETURNS: ANALYSIS

NOTE.—All money figures in thousands of dollars. Corporations

Division and State or Territory	Total number of returns	Returns showing net income					
		Number reporting net income	Per cent of total number of corporations	Gross income	Expenses and deductions	Net income	Prior year loss deduction
1922	382,883	212,535	55.51	80,331,680	73,367,869	6,963,811	501,780
1923	398,933	233,339	58.49	97,457,479	89,135,950	8,321,529	578,307
1924	417,421	236,389	56.63	97,158,997	89,572,344	7,586,652	219,727
1925	430,072	252,334	58.67	113,692,063	104,108,400	9,583,684	243,079
1926	455,320	258,134	56.69	118,022,117	108,348,714	9,673,403	235,851
1927	475,031	259,849	54.70	115,324,340	106,342,455	8,981,894	244,293
1928	495,802	268,783	54.20	127,369,525	116,751,784	10,617,741	301,146
1929	509,436	269,430	52.89	129,633,792	117,979,906	11,653,886	392,177
1930	518,736	221,420	42.68	89,561,495	83,132,682	6,428,813	157,880
1931	516,404	175,898	34.06	52,051,035	48,367,667	3,683,368	136,005
1932	508,636	82,646	16.25	31,707,983	29,554,860	2,153,113	88,477
New England	37,798	6,682	17.68	2,386,405	2,223,830	162,574	4,220
Maine	3,771	713	18.91	107,009	99,085	7,924	158
New Hampshire	1,333	329	24.68	47,479	45,328	2,151	122
Vermont	1,174	221	18.82	25,752	24,542	1,210	39
Massachusetts	20,016	3,476	17.37	1,616,236	1,509,580	106,655	2,649
Rhode Island	3,134	562	17.93	127,045	117,755	9,290	529
Connecticut	8,370	1,381	16.50	462,884	427,540	35,344	723
Middle Atlantic	160,009	23,273	14.55	12,729,870	11,759,098	970,772	32,951
New York	109,931	15,509	14.10	9,660,469	8,960,313	700,156	21,302
New Jersey	23,278	3,128	13.44	996,615	890,049	106,566	4,986
Pennsylvania	26,800	4,646	16.96	2,072,786	1,908,736	164,050	6,573
East North Central	99,839	15,617	15.64	6,700,968	6,356,344	343,724	26,824
Ohio	24,919	3,909	15.93	1,746,586	1,632,105	114,481	4,737
Indiana	11,649	1,963	16.85	292,504	269,090	23,414	992
Illinois	32,117	4,816	15.00	3,565,964	3,434,005	131,959	18,330
Michigan	14,951	2,033	13.80	703,521	649,499	54,022	1,647
Wisconsin	16,203	2,806	17.32	391,493	371,645	19,848	1,178
West North Central	52,653	9,529	18.10	2,400,505	2,257,655	142,850	3,373
Minnesota	11,196	2,080	18.13	652,128	621,013	31,115	1,210
Iowa	9,131	1,377	15.08	286,327	275,088	11,239	250
Missouri	16,373	3,140	19.18	986,399	907,875	78,524	1,238
North Dakota	3,239	487	15.04	26,754	25,927	827	71
South Dakota	3,023	473	15.65	26,226	25,527	699	77
Nebraska	4,694	958	20.41	133,907	126,769	7,138	246
Kansas	4,997	1,064	21.29	288,764	275,456	13,308	281
South Atlantic	46,739	8,610	18.43	3,277,707	3,037,956	239,753	4,693
Delaware	2,054	445	21.67	585,193	544,496	40,697	967
Maryland	6,156	1,300	21.12	1,169,378	1,113,261	56,117	506
District of Columbia	2,378	588	24.04	174,424	159,475	14,949	290
Virginia	6,915	1,490	21.55	378,009	341,317	36,692	625
West Virginia	4,807	962	20.01	119,373	111,458	7,916	333
North Carolina	5,802	1,080	18.61	464,287	401,600	62,687	287
South Carolina	3,404	511	15.01	82,521	79,074	3,448	142
Georgia	5,360	1,032	19.25	178,537	167,770	10,767	831
Florida	9,853	1,204	12.22	125,985	119,505	6,481	702
East South Central	16,903	3,063	18.12	519,479	488,689	30,793	1,725
Kentucky	5,193	1,079	20.78	221,566	207,099	14,468	665
Tennessee	5,199	1,010	19.43	221,451	208,454	12,997	602
Alabama	4,065	607	14.93	50,683	48,484	2,200	345
Mississippi	2,446	367	15.00	25,779	24,652	1,128	113
West South Central	30,227	5,708	18.88	1,181,416	1,103,511	77,905	8,609
Arkansas	2,306	499	21.64	40,052	38,152	1,900	189
Louisiana	6,075	1,197	17.93	243,716	228,787	14,929	1,115
Oklahoma	6,092	1,030	16.91	166,747	146,529	20,218	1,113
Texas	15,154	2,982	19.68	730,901	690,043	40,858	6,195
Mountain	20,650	2,986	14.36	572,988	546,557	26,432	1,025
Montana	3,044	529	17.38	33,989	32,941	1,048	128
Idaho	2,350	279	11.89	21,777	20,520	1,258	58
Wyoming	1,495	246	16.45	9,859	9,332	528	100
Colorado	6,952	980	14.10	191,260	176,977	14,283	491
New Mexico	1,197	188	15.71	12,157	11,745	412	56
Arizona	1,773	217	12.24	19,672	18,804	868	94
Utah	2,901	419	14.45	29,847	28,273	1,573	71
Nevada	938	108	11.51	254,427	247,965	6,462	27
Pacific	42,883	6,852	15.98	1,845,514	1,695,136	150,377	4,818
Washington	12,328	1,654	13.42	166,579	158,835	7,744	725
Oregon	6,446	779	12.09	83,397	80,341	3,055	320
California	24,109	4,419	18.33	1,595,538	1,455,960	139,578	3,773
Alaska	165	42	25.45	2,949	2,687	260	84
Hawaii	780	304	38.97	91,062	83,387	7,673	165

[1] No income data reported.

[2] Includes $8,466,000 war and excess-profits tax.

FOR UNITED STATES, 1922 TO 1932, AND BY STATES, 1932

reporting no net income include inactive corporations prior to 1927

Returns showing net income—Continued		Returns showing no net income					Inactive corporations [1]		Division and State or Territory
Income tax	Per cent of total tax	Number reporting no net income	Per cent of total number of corporations	Gross income	Expenses and deductions	Deficit	Number	Per cent	
[2] 783, 776	.....	170, 348	44. 49	20, 588, 835	22, 782, 611	2, 193, 776	.....	.....	1922.
937, 107	.....	165, 594	41. 51	21, 106, 184	23, 119, 739	2, 013. 555	.....	.....	1923.
881, 550	.....	181, 032	43. 37	22, 070, 497	24, 294, 423	2, 223, 926	.....	.....	1924.
1, 170, 331	.....	177, 738	41. 33	20, 568, 068	22, 530, 606	1, 962, 628	.....	.....	1925.
1, 229, 797	.....	197, 186	43. 31	24, 107, 736	26, 276, 445	2, 168, 710	.....	.....	1926.
1, 130, 674	.....	165, 826	34. 91	29, 074, 012	31, 545. 751	2, 471, 739	49, 356	10. 39	1927.
1, 184, 142	.....	174, 828	35. 26	25, 411, 989	27, 803, 114	2, 391, 124	52, 281	10. 54	1928.
1, 193, 436	.....	186, 891	36. 63	30, 987, 717	33, 901, 846	2, 914, 128	53, 415	10. 49	1929.
711, 704	.....	241, 616	46. 58	46, 500, 564	51, 378, 159	4, 877, 595	55, 700	10. 74	1930.
398, 994	.....	283, 806	54. 96	55, 464, 204	62, 435, 117	6, 970, 913	56, 700	10. 98	1931.
286, 034	100. 00	369, 238	72. 59	49, 375, 853	57, 172, 458	7, 796, 889	56, 752	11. 16	1932.
21, 835	7. 56	28, 588	75. 63	3, 866, 988	4, 493, 541	626, 554	2, 523	6. 69	N. E.
1, 084	.38	2, 614	69. 32	238, 515	288, 233	49, 719	444	11. 77	Me.
277	.10	934	70. 07	72, 788	83, 365	10, 577	70	5. 25	N. H.
158	.05	899	76. 58	71, 086	81, 176	10, 090	54	4. 60	Vt.
14, 217	4. 97	15, 396	76. 92	2, 231, 981	2, 601, 355	369, 374	1, 144	5. 71	Mass.
1. 147	.40	2, 327	74. 25	347, 445	409, 457	62, 012	245	7. 82	R. I.
4. 752	1. 66	6, 418	76. 68	905, 173	1, 029, 955	124, 782	571	6. 82	Conn.
130, 759	45. 71	122, 332	78. 45	20, 059, 883	23, 172, 572	3, 112, 689	14, 404	9. 00	Mid. Atl.
94, 739	33. 12	85, 234	77. 53	14, 191, 558	16, 377, 307	2, 185, 749	9, 098	8. 28	N. Y.
14, 037	4. 91	17, 055	77. 13	1, 776, 135	2, 135, 990	359, 855	2, 195	9. 43	N. J.
21, 983	7. 68	19, 143	71. 43	4, 092, 190	4, 659, 275	567, 085	3, 111	11. 61	Pa.
44, 225	15. 46	74, 288	74. 41	12, 241, 513	14, 182, 786	1, 941, 272	9, 934	9. 95	E. N. C.
15, 124	5. 29	19, 399	77. 85	2, 727, 030	3, 205, 627	478, 598	1, 551	6. 22	Ohio.
3, 108	1. 09	8, 322	71. 44	702, 416	822, 670	120, 254	1, 364	11. 71	Ind.
15, 713	5. 49	24, 144	75. 17	5, 758, 058	6, 578, 213	820, 155	3, 157	9. 83	Ill.
7, 219	2. 52	11, 247	75. 23	2, 224, 772	2, 597, 252	372, 480	1, 641	10. 97	Mich.
3, 061	1. 07	11, 176	68. 97	829, 237	979, 023	149, 786	2, 221	13. 71	Wis.
19, 176	6. 70	35, 194	66. 84	3, 200, 476	3, 667, 106	456, 710	7, 930	15. 06	W. N. C.
4, 166	1. 46	7, 513	67. 11	867, 046	1, 010, 472	143, 426	1, 653	14. 76	Minn.
1, 503	.53	5, 867	64. 25	380, 172	436, 342	56, 170	1, 887	20. 67	Iowa.
10, 554	3. 69	11, 243	68. 67	1, 365, 916	1, 550, 284	184, 323	1, 990	12. 15	Mo.
102	.03	1, 910	58. 96	52, 553	59, 148	6, 596	842	26. 00	N. Dak.
84	.03	1, 900	62. 85	58, 561	64, 414	5, 853	650	21. 50	S. Dak.
948	.33	3, 308	70. 47	236, 421	264, 223	27, 803	428	9. 12	Nebr.
1, 819	.63	3, 453	69. 10	239, 762	272, 223	32, 539	480	9. 61	Kans.
32, 498	11. 36	32, 551	69. 68	3, 304, 826	3, 860, 292	555, 467	5, 568	11. 91	S. Atl.
5, 573	1. 95	1, 341	65. 28	636, 895	737, 653	100, 758	268	13. 05	Del.
7, 712	2. 70	4, 102	66. 63	703, 194	838, 437	135, 243	754	12. 25	Md.
2, 064	.72	1, 590	66. 86	257, 854	310, 452	52, 598	202	8. 50	D. C.
4, 972	1. 74	4, 765	68. 91	330, 176	422, 954	62, 779	660	9. 54	Va.
1, 039	.36	3, 344	69. 57	258, 395	295, 965	37, 569	501	10. 42	W. Va.
8, 565	3. 00	4, 241	73. 10	345, 791	396, 925	51, 134	481	8. 29	N. C.
433	.15	2, 511	73. 77	153, 147	173, 815	20, 668	382	11. 22	S. C.
1, 354	.47	4, 046	75. 49	326, 905	363, 395	36, 490	282	5. 26	Ga.
784	.27	6, 611	67. 10	262, 469	320, 696	58, 228	2, 038	20. 68	Fla.
3, 953	1. 38	11, 995	70. 96	1, 025, 298	1, 162, 858	137, 360	1, 845	10. 92	E. S. C.
1, 873	.65	3, 586	69. 05	327, 561	366, 789	39, 228	528	10. 17	Ky.
1, 700	.59	3, 678	70. 74	358, 843	401, 264	42, 422	511	9. 83	Tenn.
247	.09	2, 953	72. 64	232, 078	271, 741	39, 662	505	12. 43	Ala.
133	.05	1, 778	72. 69	106, 816	122, 864	16, 048	301	12. 31	Miss.
9, 320	3. 26	21, 382	70. 74	1, 829, 153	2, 138, 738	309, 585	3, 137	10. 38	W. S. C.
231	.08	1, 679	72. 81	116, 265	130, 845	14, 579	128	5. 55	Ark.
1, 765	.62	4, 681	70. 13	399, 762	454, 687	54, 925	797	11. 94	La.
2, 611	.91	4, 369	71. 72	500, 309	583, 977	83, 668	693	11. 37	Okla.
4, 713	1. 65	10, 653	70. 30	812, 817	969, 229	156, 413	1, 519	10. 02	Tex.
3, 387	1. 18	13, 294	64. 38	739, 119	855, 036	115, 918	4, 390	21. 26	Mt.
121	.04	2, 153	70. 73	71, 612	83, 402	11, 790	362	11. 89	Mont.
177	.06	1, 323	56. 29	58, 949	72, 932	13, 983	748	31. 82	Idaho.
59	.02	1, 039	69. 50	35, 317	41, 667	6, 350	210	14. 05	Wyo.
1, 775	.62	4, 564	65. 65	322, 205	365, 054	42, 849	1, 408	20. 25	Colo.
47	.02	738	61. 65	32, 497	37, 031	4, 535	271	22. 64	N. Mex.
106	.04	1, 026	57. 87	52, 256	64, 119	11, 863	530	29. 89	Ariz.
206	.07	1, 909	65. 80	140, 058	158, 585	18, 527	573	19. 75	Utah.
896	.31	542	57. 78	25, 225	32, 245	6, 021	288	30. 71	Nev.
20, 028	7. 02	29, 076	67. 80	3, 000, 614	3, 523, 831	523, 217	6, 955	16. 22	Pacific.
954	.33	8, 150	66. 11	499, 153	584, 593	85, 440	2, 524	20. 47	Wash.
371	.13	4, 336	67. 26	280, 190	332, 114	51, 924	1, 331	20. 65	Oreg.
18, 703	6. 56	16, 590	68. 81	2, 221, 271	2, 607, 124	385, 853	3, 100	12. 86	Calif.
24	.01	92	55. 76	2. 770	3, 407	637	31	18. 79	Alaska.
1, 031	.36	446	57. 18	105, 213	122, 493	17, 280	30	3. 85	Hawaii.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 195.—CORPORATION INCOME TAX RETURNS: NUMBER, INCOME, AND TAX, BY INDUSTRIAL GROUPS AND INDUSTRIES, 1932

NOTE.—For totals for all corporations see table 194. Group totals include industries not shown separately. Gross income corresponds to total income as reported on face of the return plus cost of goods sold

[All money figures in thousands of dollars]

Industry	Returns showing net income				Returns showing no net income		
	Number	Gross income	Net income	Income tax	Number	Gross income	Deficit
Agriculture and related industries	1,153	133,034	5,979	675	8,615	235,120	94,982
Mining and quarrying	2,988	537,578	62,675	7,445	9,178	1,127,297	287,042
Metal mining	80	72,321	9,973	879	470	189,462	88,579
Anthracite	32	76,742	1,560	206	75	189,455	18,257
Bituminous coal, lignite, peat, etc	289	84,105	5,956	777	1,575	385,503	57,123
Oil and gas	1,102	191,547	24,288	2,831	2,575	242,181	71,048
Manufacturing	14,935	12,696,792	757,501	99,949	72,931	19,279,691	2,563,855
Food products, including beverages	3,629	4,430,704	199,387	25,201	10,653	2,858,963	207,211
Bakery and confectionery products	675	555,629	34,513	4,737	2,837	438,677	27,810
Canned products—fish, fruits, vegetables, poultry, etc	312	164,007	21,086	2,830	1,375	328,491	51,972
Mill products—bran, flour, feed, etc	340	366,253	16,070	2,190	832	192,557	8,394
Packing-house products—fresh meats, ham, lard, bacon; meat canning, by-products, etc	178	1,486,461	18,141	622	596	1,109,554	19,108
Sugar—beet, cane, maple, and products	69	404,490	25,724	3,344	141	159,292	53,786
Beverages—soft drinks, cereal beverages, mineral water, wines, distilling	502	142,008	18,483	2,484	1,776	118,417	16,796
Tobacco, cigarettes, cigars, snuff, etc	114	978,533	138,399	19,061	256	61,188	5,151
Textiles and their products	2,407	1,211,516	41,052	5,047	11,872	2,672,436	332,249
Cotton goods—dress goods, plain cloth, etc., napping and dyeing	187	182,741	8,273	884	628	419,309	61,936
Woolen and worsted goods—wool yarn, dress goods; wool pulling	78	43,409	2,069	267	453	250,360	39,260
Silk and rayon goods; spinning, etc	145	167,600	4,344	560	588	240,972	31,471
Carpets, floor coverings, tapestries, etc	20	6,305	209	27	130	85,540	15,822
Clothing—custom-made, factory-made, coats, underwear, millinery, etc	1,210	437,864	9,036	1,139	6,045	944,751	90,164
Knit goods—sweaters, hosiery, etc	297	144,784	5,142	621	879	279,932	31,799
Leather and its manufactures	468	371,438	18,687	2,404	1,816	469,593	61,797
Boots, shoes, slippers, etc	208	301,891	15,167	2,039	829	284,485	26,012
Gloves, saddlery, harness, trunks, finishing and tanning leather, etc	170	69,547	3,521	365	987	185,108	34,885
Rubber products	96	127,581	2,779	301	426	507,935	41,517
Tires and tubes, etc	12	105,631	1,777	174	54	422,922	29,957
Rubber boots, shoes, hose, and artificial rubber	71	18,614	951	121	284	73,824	10,209
Bone, celluloid, and ivory products	13	3,337	50	6	88	11,189	1,352
Forest products	541	95,829	5,271	666	5,929	758,131	212,389
Sawmill and planing mill products	186	21,379	772	70	2,633	363,448	124,803
Carriages, wagons, furniture, etc	355	74,451	4,548	596	3,296	394,684	87,586
Paper, pulp, and products	473	291,719	16,600	2,237	1,582	717,678	81,073
Printing, publishing, and allied industries	2,155	888,484	58,804	7,795	9,510	900,273	96,170
Chemicals and allied products	1,741	2,761,691	167,778	22,644	5,315	3,696,099	223,266
Petroleum and other mineral oil refining	140	1,178,141	36,891	4,630	465	3,034,745	146,883
Chemicals proper	100	441,223	21,793	3,120	178	39,727	4,146
Allied chemical substances—drugs, oils, paints, soaps, etc	1,442	1,128,475	108,720	14,853	4,437	549,450	63,594
Fertilizers	59	13,853	373	42	235	72,177	8,643
Stone, clay, glass and related products	424	184,622	13,270	1,760	3,685	485,794	110,008
Metal and its products	1,017	1,031,353	71,098	9,558	16,191	5,475,380	1,054,566
Iron and steel—products of blast furnaces, rolling mills, foundries	203	56,893	2,168	247	2,326	1,258,140	274,047
Locomotives and railroad equipment	15	9,024	704	96	121	92,285	23,807
Motor vehicles, complete or parts	68	19,296	1,629	202	601	1,454,773	200,891
Factory machinery	169	77,480	8,072	1,134	1,150	222,676	54,398
Agricultural machinery and equipment	35	5,720	245	28	417	168,405	47,605
Electrical machinery and equipment	110	83,182	2,843	387	583	401,062	35,649
Building, construction, gas, and mining machinery and equipment	241	48,136	2,908	340	2,251	389,772	117,937
Household machinery and equipment	128	158,404	5,754	779	929	173,643	26,017
Office equipment, etc	36	57,207	9,225	1,318	294	128,673	22,964
Metal building material and supplies	142	26,354	703	82	1,528	293,943	71,363
Hardware, tools, etc	274	99,001	11,882	1,539	2,091	315,312	82,938
Precious metal products and processes	78	35,081	648	81	750	117,594	28,983

No. 195.—Corporation Income Tax Returns: Number, Income, and Tax, by Industrial Groups and Industries, 1932—Continued

[All money figures in thousands of dollars]

Industry	Returns showing net income				Returns showing no net income		
	Number	Gross income	Net income	Income tax	Number	Gross income	Deficit
Manufacturing—Continued.							
Radios, complete or parts	44	9,170	653	50	161	62,598	13,965
Airplanes, seaplanes, etc	13	9,039	313	35	89	20,880	9,321
Construction	2,115	468,670	30,691	3,639	15,204	969,248	141,080
Building and construction above ground, installing machinery, moving, wrecking, razing, etc	1,223	166,198	5,594	591	10,593	548,844	77,875
Other construction underground and on surface—bridge building, water-front construction, related industries, etc	860	266,762	20,701	2,597	4,407	381,122	57,224
Shipbuilding and repairing	32	35,710	4,395	450	204	39,280	5,960
Transportation and other public utilities	6,700	4,851,474	708,188	98,118	14,981	6,387,532	839,051
Steam railroads	101	497,026	60,739	8,400	415	3,174,356	396,811
Electric railways; Pullman cars; refrigerator, stock, poultry, and fruit cars; lessors	330	273,178	78,881	10,757	388	439,493	89,032
Water transportation and related branches	487	147,313	13,253	1,754	1,215	177,913	34,468
Aerial transportation	55	39,871	3,632	473	553	23,925	9,661
Autobus lines, taxicabs, and sight-seeing companies	279	44,788	3,222	427	1,942	131,714	19,679
Cartage and storage; food storage, packing and shipping, local transportation, etc	2,299	206,169	22,979	3,045	6,379	415,153	36,822
Electric light and power companies	436	1,527,122	262,634	36,300	401	1,058,455	133,715
Gas companies, artificial and natural	199	517,813	63,253	8,945	314	215,015	30,224
Telephone and telegraph companies	1,232	1,310,715	147,926	21,103	1,806	192,267	27,890
Radio broadcasting companies	84	20,548	2,764	369	265	88,631	8,578
Water companies	779	121,313	9,660	1,225	594	24,122	7,124
Trade	20,951	9,329,422	234,674	30,044	111,363	13,804,005	1,039,924
Wholesale	5,027	3,299,493	67,177	8,204	18,709	4,710,040	266,241
Retail	10,534	4,523,147	125,085	17,062	67,335	6,598,761	556,928
Wholesale and retail	2,015	970,141	23,875	3,197	7,926	1,440,270	107,946
Commission	1,385	298,901	9,549	1,186	4,659	393,062	31,827
Service	7,140	910,255	64,392	8,854	36,142	2,181,586	480,481
Domestic service—laundries, hotels, restaurants, etc	2,198	339,963	20,066	2,689	17,009	1,145,602	251,834
Amusements	1,251	224,643	17,579	2,257	6,380	622,010	150,809
Theaters, legitimate, vaudeville, etc	78	9,740	1,307	147	341	27,664	22,009
Motion-picture producers	44	14,349	1,145	135	151	170,446	31,344
Motion-picture theaters	587	180,374	13,683	1,814	1,995	325,116	73,019
Other amusements—circuses, golf links, race tracks, etc	542	20,180	1,444	161	3,893	92,783	24,437
Professional—curative, educational, engineering, legal, etc	1,135	59,822	5,661	1,131	5,021	112,802	24,133
Business service—detective bureaus, trade shows, mimeographing, publishing directories, advertising, etc	1,271	230,159	16,850	2,237	4,338	225,951	44,659
Finance	28,395	2,778,019	287,992	33,576	98,725	5,378,896	2,335,500
National banks	752	76,176	5,353	552	5,461	724,684	216,109
State and private banks, savings banks, loan and trust companies	2,394	148,740	10,928	1,310	10,281	951,828	278,911
Joint-stock land banks	1	626	33	----	30	4,990	21,261
Stock and bond brokers, investment brokers, investment bankers, and investment trusts	609	455,092	12,277	1,064	3,017	757,062	360,882
Real estate and realty holding companies—realty development, holding or leasing; realty trust, etc	14,368	371,431	73,670	9,103	59,942	952,968	565,014
Insurance companies	756	1,310,106	113,537	15,155	1,348	1,211,323	242,393
Life insurance—mutual or stock	239	715,015	78,686	10,811	333	187,945	23,706
Other insurance	517	595,091	34,850	3,344	1,015	1,043,677	218,687

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 196.—CORPORATION INCOME TAX RETURNS: NUMBER, NET INCOME, AND TAX, BY INDUSTRIAL GROUPS

NOTE.—All money figures in thousands of dollars. Inactive corporations are not included beginning 1927

Year	Returns showing net income			Returns showing no net income[1]		Returns showing net income			Returns showing no net income[1]	
	Number	Net income	Tax	Number	Deficit	Number	Net income	Tax	Number	Deficit
	All corporations					Agriculture and related industries				
1925	252,334	9,583,684	1,170,331	177,738	1,962,628	4,862	76,862	8,604	5,242	59,215
1926	258,134	9,673,403	1,229,797	197,180	2,168,710	4,698	70,812	8,175	5,990	55,665
1927	259,849	8,981,884	1,130,674	165,826	2,471,739	4,445	78,577	9,054	4,460	61,893
1928	268,783	10,617,741	1,184,142	174,828	2,391,124	4,504	80,476	8,217	4,679	50,092
1929	269,430	11,653,886	1,193,436	186,591	2,914,128	4,407	72,801	6,783	5,023	53,543
1930	221,420	6,428,813	711,704	241,616	4,877,595	3,475	40,484	4,041	6,431	86,370
1931	175,898	3,683,368	398,994	283,806	6,970,913	2,546	14,002	1,201	7,354	98,778
1932	82,646	2,153,113	286,034	369,238	7,796,687	1,153	5,979	675	8,615	94,962
	Mining and quarrying					Manufacturing—Total[2]				
1925	5,488	453,600	55,049	13,675	209,957	54,137	4,383,357	546,741	34,537	682,255
1926	6,006	455,798	57,308	13,246	183,474	55,094	4,494,790	564,507	38,150	786,687
1927	5,232	276,309	34,898	7,804	246,924	53,620	3,938,647	507,735	36,196	861,053
1928	5,183	332,679	36,751	7,750	207,416	55,007	4,744,261	544,937	30,566	833,735
1929	5,211	430,527	44,319	7,291	193,440	55,488	5,216,016	544,053	35,742	810,244
1930	4,700	194,118	21,474	7,533	238,459	40,641	2,757,508	316,992	50,863	1,639,844
1931	3,832	71,154	7,211	8,291	325,963	30,270	1,464,619	165,311	58,815	2,287,580
1932	2,868	62,675	7,445	9,178	287,042	14,985	757,501	99,949	72,931	2,563,855
	Manufacturing—Continued									
	Food products, including beverages					Tobacco products				
1925[3]	9,303	533,472	66,587	5,419	91,512					
1926	8,950	475,074	61,429	6,058	93,052	289	117,366	15,718	208	2,257
1927	8,971	481,046	59,049	5,461	105,716	261	124,775	16,745	169	2,475
1928	8,844	518,092	58,391	5,405	77,818	238	121,678	14,548	181	2,147
1929	9,045	540,186	59,309	5,380	87,721	243	132,682	14,554	177	4,942
1930	7,897	436,451	49,889	6,328	128,498	195	143,788	17,216	197	6,655
1931	6,466	326,910	36,823	7,524	203,478	155	142,494	17,066	211	5,606
1932	3,629	199,387	25,201	10,653	207,211	114	138,309	19,061	258	5,151
	Textiles and their products					Leather and its manufactures				
1925	7,504	413,115	48,815	4,767	114,772	1,373	76,023	9,169	986	28,895
1926	7,708	314,649	39,829	5,728	195,164	1,413	73,859	9,358	1,078	27,436
1927	8,240	417,484	50,341	5,343	120,816	1,448	99,072	12,229	903	21,703
1928	8,076	351,850	39,355	6,098	155,729	1,362	77,425	8,892	1,015	28,038
1929	8,104	323,974	33,197	9,236	163,069	1,349	76,803	8,109	1,084	36,868
1930	5,078	105,610	11,122	8,753	389,690	894	38,691	4,389	1,516	64,124
1931	4,376	77,330	7,351	9,503	342,537	764	30,091	3,340	1,487	64,737
1932	2,467	41,052	5,047	11,872	332,249	468	18,687	2,404	1,816	61,791
	Rubber products					Forest products				
1925	349	122,966	15,412	289	13,941	4,657	200,316	24,667	2,976	53,116
1926	339	87,501	4,867	341	24,764	4,591	172,972	21,907	3,271	69,196
1927	335	70,253	8,849	284	19,356	4,178	125,408	15,612	3,353	94,295
1928	349	44,545	5,149	331	45,987	4,290	142,197	15,210	3,867	71,493
1929	311	56,324	6,056	303	39,191	4,195	135,612	13,437	3,294	68,499
1930	227	12,242	1,336	354	63,876	2,340	35,825	3,591	4,868	152,460
1931	174	14,004	1,371	361	38,154	1,525	14,986	1,379	5,150	199,138
1932	96	2,779	301	426	41,517	641	5,271	666	5,929	212,389
	Paper, pulp, and products					Printing, publishing, and allied industries				
1925	1,288	111,186	14,004	652	12,137	6,523	190,909	23,375	3,397	29,505
1926	1,365	120,460	15,610	659	14,362	6,931	203,507	25,858	3,614	31,006
1927	1,386	123,988	16,063	642	13,614	6,734	198,476	25,123	3,629	34,788
1928	1,345	118,590	13,768	678	14,950	7,070	243,650	27,310	3,703	34,104
1929	1,406	124,347	13,222	673	19,893	7,331	270,829	28,017	3,839	47,749
1930	1,114	73,641	8,475	953	36,379	6,008	176,137	19,641	5,271	54,512
1931	832	37,472	4,239	1,200	53,776	4,593	115,795	12,895	6,810	77,802
1932	473	16,600	2,237	1,582	81,073	2,155	58,804	7,795	9,510	96,170

[1] Includes inactive concerns prior to 1927; for number of inactive concerns in 1927 to 1932 see table 194.
[2] Includes all other manufacturing not shown separately.
[3] Food products include tobacco.

No. 196.—Corporation Income Tax Returns: Number, Net Income, and Tax, by Industrial Groups—Continued

Year	Returns showing net income			Returns showing no net income		Returns showing net income			Returns showing no net income	
	Number	Net income	Tax	Number	Deficit	Number	Net income	Tax	Number	Deficit
	Manufacturing—Continued									
	Chemicals and allied products					Stone, clay, and glass products				
1925	3,051	623,277	78,393	3,011	82,352	2,753	181,547	22,853	1,701	17,846
1926	4,076	785,155	102,964	3,210	69,279	2,762	195,166	25,542	1,844	22,112
1927	3,960	495,857	64,767	2,892	110,369	2,587	157,263	20,564	1,876	28,356
1928	4,231	848,127	99,002	2,820	59,789	2,676	172,007	19,770	1,933	32,518
1929	4,073	911,512	98,124	2,998	56,976	2,572	163,646	17,268	1,989	33,439
1930	3,287	534,077	62,961	3,727	175,459	1,805	92,812	10,487	2,713	53,374
1931	2,797	251,493	29,409	4,047	318,864	1,149	41,683	4,614	3,076	79,171
1932	1,741	167,778	22,645	5,315	223,266	424	13,270	1,760	3,085	110,098
	Manufacturing—Con.—Metal and its products					Construction				
1925	12,760	1,756,753	221,973	8,769	201,445	9,701	156,491	17,581	5,637	43,346
1926	11,989	1,803,444	237,077	8,065	192,574	10,075	162,509	19,146	6,695	53,621
1927	11,412	1,501,274	193,066	8,227	241,305	10,071	171,160	20,078	6,281	59,417
1928	12,252	1,910,004	221,838	7,479	254,975	10,179	170,906	17,175	7,117	71,369
1929	12,864	2,291,767	286,494	7,292	170,113	10,462	178,376	16,519	7,896	70,066
1930	8,188	1,003,020	116,149	11,904	400,375	8,871	150,548	15,210	9,674	82,488
1931	4,744	355,221	40,624	14,174	760,951	6,457	80,099	7,625	11,675	111,048
1932	1,917	71,098	9,558	16,191	1,054,566	2,115	30,691	3,639	15,204	141,060
	Transportation and other public utilities					Trade				
1925	14,862	1,408,693	186,314	8,751	134,745	71,910	1,254,046	145,350	37,678	287,506
1926	15,444	1,723,399	228,662	9,656	120,174	71,403	1,165,558	140,523	41,302	330,998
1927	13,855	1,588,880	210,878	6,982	197,472	74,747	1,156,870	137,352	44,931	362,339
1928	13,882	1,813,088	211,681	7,422	173,170	79,745	1,246,862	126,332	46,602	355,514
1929	13,614	2,092,654	222,483	7,994	190,692	78,606	1,149,235	107,149	50,483	419,398
1930	12,109	1,334,229	156,573	9,522	333,528	59,741	651,097	64,166	71,746	738,695
1931	10,933	902,635	105,585	10,622	605,249	46,049	460,035	45,708	86,799	1,025,431
1932	6,700	708,168	98,118	14,981	839,051	20,951	234,674	30,644	111,363	1,039,924
	Public service					Finance—Banking, insurance, etc.				
1925	16,571	246,426	28,467	12,410	72,226	73,246	1,523,823	179,949	42,701	456,219
1926	17,755	260,981	31,040	14,502	103,772	76,819	1,336,893	160,215	53,014	528,032
1927	18,287	244,464	28,026	12,859	117,065	78,100	1,522,834	181,706	44,582	566,177
1928	19,008	254,186	25,501	14,518	126,709	80,315	1,971,343	213,238	48,824	566,199
1929	20,230	314,426	29,632	15,737	154,215	80,280	2,197,539	222,403	53,677	1,008,827
1930	18,741	234,227	23,705	19,472	179,230	72,102	1,064,816	109,455	64,477	1,666,677
1931	15,637	117,925	11,081	22,588	241,288	59,129	570,502	55,166	75,434	2,256,843
1932	7,140	64,392	8,854	36,142	480,481	26,395	287,992	36,570	98,725	2,335,500

No. 197.—FEDERAL ESTATE TAX RETURNS: Summary

Note.—Money figures in thousands of dollars. Returns are required in case of resident decedents if gross estate exceeds $50,000 for deaths prior to Feb. 26, 1926, and subsequent to June 6, 1932, and $100,000 for the intervening period; and for every nonresident decedent who owns property in the United States

Year	Returns filed		Gross estate		Net taxable estate		Tax	
	Resident decedents	Nonresident decedents	Resident decedents	Nonresident decedents	Resident decedents	Nonresident decedents	Resident decedents	Nonresident decedents
Sept. 9, 1916–Jan. 15, 1922	42,230	2,896	8,785,642	107,597	5,407,674	101,849	351,138	5,378
Jan. 16–Dec. 31, 1922	12,503	1,313	2,955,959	58,113	1,652,882	52,142	117,624	2,938
1923	13,963	1,156	2,774,741	29,587	1,504,621	27,440	88,384	726
1924	13,011	1,502	2,540,922	25,600	1,372,421	23,395	71,451	488
1925	14,013	2,006	2,958,364	42,725	1,621,008	37,861	86,223	1,099
1926	13,142	1,425	3,386,267	21,656	1,951,969	20,567	101,324	481
1927	9,353	1,347	3,146,290	26,945	1,735,840	25,777	40,931	755
1928	8,079	2,157	3,503,239	51,032	1,943,429	49,075	40,561	1,398
1929	8,582	1,761	3,843,514	49,732	2,208,323	45,653	43,303	1,035
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	[1] 798,246	30,056	[1] 59,429	1,986

[1] The net estate is shown under provisions of Revenue Act of 1926, whereas the tax is under the provisions of that act plus the additional tax under Revenue Act of 1932.

Source of tables 196 and 197: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 198.—FEDERAL ESTATE TAX RETURNS: RETURNS OF RESIDENT DECEDENTS FILED DURING 1933 DISTRIBUTED BY SIZE OF NET ESTATE, AND SUMMARY FOR PRIOR YEARS

[All money figures and estate classes in thousands of dollars. See headnote, table 197]

	1928	1929	1930	1931	1932	1933
Number of returns	8,079	8,582	8,798	8,333	7,113	8,727
Gross estate, total	3,503,239	3,843,514	4,108,517	4,042,381	2,795,315	2,026,931
Real estate	610,053	570,008	563,355	542,842	433,374	385,831
Bonds exempt or partially exempt	247,411	240,336	301,578	356,549	287,305	261,429
Other bonds	239,440	263,142	281,783	256,331	194,343	170,099
Capital stock in corporations	1,516,971	1,800,796	1,959,855	1,905,492	1,066,766	643,050
Mortgages, notes, cash, etc	385,278	381,106	396,016	388,700	341,121	322,913
Insurance (gross)	103,218	124,740	128,584	133,758	135,339	134,358
All other	400,267	403,326	476,346	459,708	337,571	108,651
Deductions, total	1,661,225	1,641,316	1,799,570	1,799,097	1,521,810	1,492,517
Specific exemption	784,350	846,750	876,050	880,150	696,850	865,400
Charitable, public, and similar bequests	216,099	153,678	223,490	219,040	190,916	96,201
Property from an estate taxed within 5 years	71,857	85,128	94,101	110,449	83,525	45,008
Funeral and administrative expenses, debts, mortgages, etc	537,121	501,537	551,725	586,223	503,954	401,963
Insurance exemption	51,798	54,223	54,204	52,335	46,565	53,945
Net estate [1]	1,943,429	2,268,823	2,376,973	2,337,319	1,391,569	798,246
Tax under Revenue Act of 1926	135,014	165,413	152,391	182,202	84,006	36,471
Additional tax under Revenue Act of 1932						51,254
Total tax	135,014	165,413	152,391	182,202	84,006	87,725
Tax credit under Revenue Act of 1926 [2]	94,453	122,110	113,388	137,663	61,642	28,205
Net tax	40,561	43,303	39,003	44,540	22,364	59,520

	1933: No net estate under Revenue Act of 1926	1933: Net estate classes under Revenue Act of 1926 (taxable under both 1926 and 1932 Revenue Acts)					
		Under 50	50–200	200–600	600–1,000	1,000–5,000	5,000 and over
Number of returns	4,907	1,485	1,417	639	146	125	8
Gross estate, total	521,856	234,604	383,832	358,837	170,062	295,844	61,896
Real estate	151,803	51,324	71,173	53,982	18,317	27,746	11,486
Bonds exempt or partially exempt	25,631	15,746	32,423	44,048	31,405	93,351	17,027
Other bonds	39,100	21,089	39,681	33,450	12,660	20,047	4,671
Capital stock in corporations	122,501	68,192	117,737	133,690	72,182	109,379	19,369
Mortgages, notes, cash, etc	97,859	47,301	74,731	50,974	21,791	24,159	6,098
Insurance (gross)	55,623	19,595	23,953	19,450	6,607	5,414	686
All other	29,339	11,357	21,104	22,343	7,100	15,748	1,659
Deductions, total	785,688	202,830	232,911	142,183	55,977	62,172	10,755
Specific exemption	487,800	144,850	141,100	63,750	14,600	12,500	800
Charitable, public, and similar bequests	29,809	7,282	11,035	12,408	20,957	13,017	793
Property from an estate taxed within 5 years	14,076	2,745	13,070	8,423	1,151	5,527	6
Funeral and administrative expenses, debts, mortgages, etc	226,318	39,826	57,135	51,670	17,819	30,086	9,103
Insurance exemption	27,685	3,127	9,571	5,932	1,440	1,042	48
Net estate [1]		31,774	150,921	216,654	114,085	233,672	51,141
Tax under Revenue Act of 1926		326	2,614	6,590	4,931	16,214	5,798
Additional tax under Revenue Act of 1932	1,079	2,482	7,697	10,059	6,194	19,643	4,100
Total tax	1,079	2,808	10,311	16,649	11,125	35,857	9,898
Tax credit under Revenue Act of 1926 [2]		234	2,001	5,025	3,712	12,686	4,539
Net tax	1,079	2,574	8,310	11,624	7,413	23,171	5,359

[1] In arriving at net estate the gross estate and deductions are diminished by amount of gross estate and deductions for "No net estate."

[2] Credit for estate, inheritance, legacy, or succession taxes paid to any of the several States, Territories, or District of Columbia and gift taxes paid to the Federal Government.

Source: Statistics of Income, Report of the Commissioner of Internal Revenue, Treasury Department.

No. 199.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1935

[All figures except per capita in thousands of dollars]

June 30—	Gross debt [1] Amount	Gross debt [1] Per capita	Interest bearing [2]	Matured	Non-interest bearing [1]
1800	82,976	$15.87			
1810	53,173	7.46			
1820	91,016	9.58			
1830	48,565	3.83			
1840	3,573	.21			
1850	63,453	2.77			
1855	35,588	1.32	35,418	170	
1860	64,844	2.06	64,683	161	
1865	2,677,929	77.07	2,217,709	2,129	458,090
1870	2,436,453	63.19	2,035,881	3,570	397,003
1872	2,209,991	54.44	1,800,794	7,927	401,270
1873	2,151,210	51.62	1,696,484	51,929	402,797
1874	2,159,933	50.47	1,724,931	3,216	431,786
1875	2,156,277	49.06	1,708,676	11,426	436,175
1876	2,130,846	47.21	1,696,685	3,902	430,258
1877	2,107,760	45.47	1,697,888	16,649	393,223
1878	2,159,418	45.37	1,780,736	5,594	373,089
1879	2,298,913	47.05	1,887,716	37,015	374,181
1880	2,060,909	41.69	1,709,993	7,621	373,295
1881	2,019,286	39.35	1,625,568	6,724	386,994
1882	1,856,916	35.37	1,449,810	16,261	390,845
1883	1,721,959	32.07	1,324,229	7,831	389,899
1884	1,625,307	29.60	1,212,564	19,656	393,088
1885	1,578,551	28.11	1,182,151	4,101	392,299
1886	1,555,660	27.10	1,132,014	9,704	413,941
1887	1,465,485	24.97	1,007,602	6,115	451,678
1888	1,384,632	23.09	936,522	2,496	445,613
1889	1,249,471	20.39	815,854	1,911	431,705
1890	1,122,397	17.92	711,313	1,816	409,268
1891	1,005,807	15.75	610,529	1,615	393,663
1892	968,219	14.88	585,029	2,786	380,404
1893	961,432	14.49	585,037	2,094	374,301
1894	1,016,898	15.04	635,042	1,851	380,005
1895	1,096,913	15.91	716,202	1,722	378,989
1896	1,222,729	17.40	847,364	1,037	373,729
1897	1,226,794	17.14	847,365	1,347	378,082
1898	1,232,743	16.90	847,367	1,263	384,113
1899	1,436,701	$19.33	1,046,049	1,218	389,434
1900	1,263,417	16.56	1,023,479	1,176	238,762
1901	1,221,572	15.71	987,141	1,416	233,016
1902	1,178,031	14.89	931,070	1,281	245,680
1903	1,159,406	14.40	914,541	1,205	243,659
1904	1,136,259	13.88	895,157	1,971	239,131
1905	1,132,357	13.60	895,158	1,370	235,829
1906	1,142,523	13.50	895,159	1,128	246,236
1907	1,147,178	13.33	894,834	1,087	251,257
1908	1,177,690	13.46	897,504	4,130	276,056
1909	1,148,315	12.91	913,317	2,884	232,114
1910	1,146,940	12.69	913,317	2,125	231,498
1911	1,153,985	12.28	915,353	1,880	236,752
1912	1,193,839	12.48	963,777	1,760	228,301
1913	1,193,048	12.26	965,707	1,660	225,682
1914	1,188,236	12.00	967,953	1,553	218,730
1915	1,191,264	11.83	969,750	1,507	219,998
1916	1,225,146	11.96	971,563	1,473	252,110
1917	2,975,619	28.57	2,712,549	14,232	248,837
1918	12,243,629	115.65	11,985,882	20,243	237,504
1919	25,482,034	240.09	25,234,496	11,109	236,429
1920	24,297,918	228.32	24,061,095	6,748	230,075
1921	23,976,251	221.09	23,737,352	10,940	227,959
1922	22,964,079	208.97	22,711,036	25,251	227,793
1923	22,349,688	200.10	22,007,591	98,172	243,925
1924	21,251,120	186.86	20,981,586	30,241	239,293
1925	20,516,272	177.82	20,210,906	30,243	275,123
1926	19,643,183	167.70	19,383,771	13,328	246,084
1927	18,510,174	156.04	18,250,944	14,707	244,523
1928	17,604,291	146.69	17,317,695	45,332	241,264
1929	16,931,198	139.40	16,638,941	50,751	241,505
1930	16,185,308	131.38	15,921,892	31,715	231,701
1931	16,801,485	135.42	16,519,589	51,823	230,074
1932	19,487,010	156.12	19,161,274	60,087	265,650
1933	22,538,672	179.32	22,157,643	65,911	315,118
1934	27,053,086	213.75	26,480,488	54,266	518,332
1935 [3]	28,700,893	225.71	27,645,241	230,662	824,989

Date	Gross debt [1]	Interest-bearing debt: Pre-war loans unmatured	Interest-bearing debt: Liberty and Treasury bonds	Interest-bearing debt: Notes (Victory Liberty loan and Treasury) [4]	Interest-bearing debt: Certificates of indebtedness	Interest-bearing debt: Treasury bills, maturity value [5]	Matured debt on which interest has ceased	Debt bearing no interest [1]
Apr. 5, 1917	1,281,969	1,023,557					1,459	256,952
June 30, 1918	12,243,629	906,166	8,963,714		1,706,205	349,797	20,243	237,504
Aug. 31, 1919	26,594,268	883,463	16,219,399	4,113,405	4,201,209	931,302	9,914	235,576
June 30, 1920	24,297,918	883,549	15,334,836	4,246,365	2,768,926	827,419	6,748	230,075
June 30, 1921	23,976,251	883,728	15,235,216	4,224,972	2,699,330	694,105	10,940	227,959
June 30, 1922	22,964,079	883,840	15,081,013	4,237,780	1,828,787	679,015	25,251	227,793
June 30, 1923	22,349,688	883,670	15,651,108	4,104,195	1,031,418	337,199	98,172	243,925
June 30, 1924	21,251,120	883,704	15,141,766	3,735,309	807,514	413,304	30,241	239,293
June 30, 1925	20,516,272	765,316	16,076,974	2,404,241	578,685	385,690	30,243	275,123
June 30, 1926	19,643,183	765,860	16,162,418	1,612,404	483,279	359,810	13,328	246,084
June 30, 1927	18,510,174	766,550	14,453,845	2,019,195	702,096	309,259	14,707	244,523
June 30, 1928	17,604,291	768,133	12,252,685	2,900,001	1,252,408	144,469	45,332	241,264
June 30, 1929	16,931,198	770,207	11,354,495	2,861,012	1,640,200	13,028	50,751	241,505
June 30, 1930	16,185,308	772,545	11,338,791	2,390,287	1,264,355	155,916	31,715	231,701
June 30, 1931	16,801,485	776,155	12,754,368	620,908	1,923,578	444,580	51,823	230,074
June 30, 1932	19,487,010	789,567	13,460,091	1,465,254	2,830,730	615,632	60,087	265,650
June 30, 1933	22,538,672	806,018	13,417,250	4,779,555	2,200,328	954,493	65,911	315,118
Dec. 31, 1933	23,814,528	821,954	14,747,167	5,124,810	1,753,601	1,002,730	64,389	299,877
June 30, 1934	27,053,141	831,350	15,678,507	6,931,551	1,635,045	1,404,035	54,266	518,332
Dec. 31, 1934	28,479,297	842,004	15,403,185	9,586,377	158,300	1,954,168	50,715	484,548
June 30, 1935 [3]	28,700,893	855,263	[6]14,080,586	10,500,994	155,500	2,052,898	230,662	824,989

[1] After deducting gold reserve. Figures for 1800 to 1850, inclusive, are as of Jan. 1.
[2] Exclusive of bonds issued to the Pacific railways and the Navy pension fund.
[3] Preliminary.
[4] Treasury only beginning 1923. Victory notes matured May 20, 1923.
[5] For 1918 to 1929, Treasury (war) savings securities. [6] Includes United States savings bonds.

Source: Reports of the Treasury Department.

No. 200.—PUBLIC DEBT OF THE UNITED STATES: DESCRIPTION OF ISSUES OUTSTANDING ON DECEMBER 31, 1934

[Amounts outstanding in thousands of dollars]

Security	Rate of interest	Redeemable (on and after)[1]	Payable	Amount outstanding
	Per cent			
Interest-bearing debt outstanding total				**27,944,035**
Bonds:				
Consols of 1930	2	After Apr. 1, 1930		599,724
Panama Canal loan of 1916–1936	2	After Aug. 1, 1916	Aug. 1, 1936	48,954
Panama Canal loan of 1918–1938	2	After Nov. 1, 1918	Nov. 1, 1938	25,947
Panama Canal loan of 1961	3		June 1, 1961	49,800
Conversion bonds of 1946–1947	3		Jan. 1, 1946–47	28,895
Postal savings bonds, series 8–47	2½	Jan. 1, 1916–July 1, 1935.[2]	Jan. 1, 1936–July 1, 1954.[2]	88,684
First Liberty loan—				
First 3½'s of 1932–1947	3½	June 15, 1932	June 15, 1947	1,392,226
Converted 4's of 1932–1947	4	do	do	5,002
Converted 4¼'s of 1932–1947	4¼	do	do	532,489
Second converted 4¼'s of 1932–1947	4¼	do	do	3,402
Fourth Liberty loan of 1933–1938	4¼	Oct. 15, 1935	Oct. 15, 1938	[3] 3,180,114
Treasury bonds:				
4¼ per cent of 1947–1952	4¼	Oct. 15, 1947	Oct. 15, 1952	758,983
4 per cent of 1944–1954	4	Dec. 15, 1944	Dec. 15, 1954	1,036,835
3⅞ per cent of 1946–1956	3⅞	Mar. 15, 1946	Mar. 15, 1956	489,087
3⅞ per cent of 1943–1947	3⅞	June 15, 1943	June 15, 1947	454,135
3⅞ per cent of 1940–1943	3⅞	June 15, 1940	June 15, 1943	352,994
3⅜ per cent of 1941–1943	3⅜	Mar. 15, 1941	Mar. 15, 1943	544,914
3⅛ per cent of 1946–1949	3⅛	June 15, 1946	June 15, 1949	818,647
3 per cent of 1951–1955	3	Sept. 15, 1951	Sept. 15, 1955	753,479
3¼ per cent of 1941	3¼		Aug. 1, 1941	834,474
3¼ per cent of 1943–1945	3¼	Oct. 15, 1943	Oct. 15, 1945	1,400,571
3¼ per cent of 1944–1946	3¼	Apr. 15, 1944	Apr. 15, 1946	1,518,858
3 per cent of 1946–1948	3	June 15, 1946	June 15, 1948	824,508
3⅛ per cent of 1949–1952	3⅛	Dec. 15, 1949	Dec. 15, 1952	491,377
Treasury notes:				
Series A–1935	3		June 15, 1935	416,603
Series B–1935	1½		Aug. 1, 1935	353,865
Series C–1935	2¼		Mar. 15, 1935	528,102
Series D–1935	2½		Dec. 15, 1935	418,292
Series A–1936	3¼		Aug. 1, 1936	394,138
Series B–1936	2¾		Dec. 15, 1936	367,921
Series C–1936	2⅛		Apr. 15, 1936	568,819
Series D–1936	1½		Sept. 15, 1936	514,066
Series E–1936	1½		June 15, 1936	686,616
Series A–1937	3¼		Sept. 15, 1937	817,484
Series B–1937	3		Apr. 15, 1937	502,362
Series C–1937	3		Feb. 15, 1937	428,731
Series A–1938	2¾		Feb. 1, 1938	276,680
Series B–1938	2⅞		June 15, 1938	618,057
Series C–1938	3		Mar. 15, 1938	455,176
Series D–1938	2½		Sept. 15, 1938	596,405
Series A–1939	2⅜		June 15, 1939	1,293,714
Civil Service, Foreign Service, and Canal Zone retirement funds.	4	[4]	[4]	254,348
Postal Savings System series	2	Various dates after June 30, 1935.	June 30, 1939	45,000
Federal Deposit Insurance Corporation	2	After Dec. 1, 1935	Dec. 1, 1939	100,000
Certificates of indebtedness—Special, adjusted-service certificate fund, series 1935.	4	On demand	Jan. 1, 1935	158,300
Treasury bills (maturity value)	[5] 0.067–0.286		Various dates from Jan. 2 to June 26, 1935.	1,954,168
Matured debt on which interest has ceased			**On presentation**	**50,715**
Debt bearing no interest				
United States (legal-tender) notes ($346,681,000) less gold reserve ($156,039,000).			do	484,548
Old demand notes			do	190,642
National and Federal reserve bank notes [6]			do	53
Fractional currency			do	288,568
Thrift and Treasury savings stamps			do	1,983
Deposits for Postal Savings Bonds for which securities have not been issued.			do	3,301
				1
Total gross debt				**28,479,297**

[1] Except where otherwise indicated.
[2] Redeemable or payable dates of all issues fall within the periods indicated.
[3] Includes outstanding bonds called for redemption on Apr. 15 and Oct. 15, 1934, and Apr. 15, 1935.
[4] Funds acquired during the year are invested in securities redeemable 1 year from date of issue and payable 4 to 5 years from date of issue; these issues in varying amounts will be outstanding indefinitely.
[5] Treasury bills are non-interest-bearing short-term securities sold on a discount basis with competitive bids for each issue. The average sale price gives an approximate yield on a bank discount basis. Yields on all issues outstanding Dec. 31, 1934, ranged between the per cents given above.
[6] Assumed by the United States on deposit of lawful money for their retirement.

Source: Reports of the Treasury Department.

No. 201.—PUBLIC DEBT OF THE UNITED STATES: TRANSACTIONS DURING THE YEARS ENDED JUNE 30, 1929 TO 1934

[In thousands of dollars. "Debt bearing no interest" is amount after deducting gold reserve]

	1929	1930	1931	1932	1933	1934
Gross debt outstanding at beginning of year	17, 604, 291	16, 931, 198	16, 185, 308	16, 801, 485	19, 487, 010	22, 538, 672
Interest-bearing debt	17, 317, 695	16, 638, 941	15, 921, 892	16, 519, 589	19, 161, 274	22, 157, 643
Matured debt on which interest has ceased	45, 332	50, 751	31, 715	51, 823	60, 087	65, 911
Debt bearing no interest	241, 264	241, 505	231, 701	230, 074	265, 650	315, 118
Public debt issues	5, 194, 342	3, 722, 970	6, 573, 118	9, 634, 228	9, 697, 083	13, 582, 927
Pre-war issues	2, 075	2, 338	3, 610	13, 872	18, 380	27, 580
Certificates of indebtedness	4, 637, 488	3, 201, 562	3, 759, 219	5, 100, 607	2, 560, 228	1, 875, 251
Treasury bills	----------	312, 024	1, 059, 761	2, 335, 649	3, 061, 895	4, 385, 975
Treasury notes	161, 077	178, 986	309, 525	1, 310, 607	3, 962, 694	2, 796, 256
Treasury bonds	359, 043	----------	1, 415, 636	800, 424	----------	4, 177, 903
Treasury (war) savings securities	10, 015	550	3	----------	2	1
National and Fed. Res. bank notes, deposits for retirement	24, 644	27, 510	25, 364	73, 067	93, 884	319, 963
Public debt redemptions	5, 867, 436	4, 468, 860	5, 956, 941	6, 948, 701	6, 645, 420	9, 068, 514
Pre-war issues	109	202	72	508	2, 016	2, 242
Certificates of indebtedness	4, 240, 027	3, 578, 968	3, 107, 279	4, 172, 352	3, 181, 689	2, 456, 649
Treasury bills	----------	156, 046	771, 149	2, 150, 724	2, 719, 362	3, 920, 416
First Liberty loan	5	5, 597	24	314	2	2
Second Liberty loan	23, 143	4, 093	1, 518	913	654	410
Third Liberty loan	1, 208, 395	10, 788	3, 151	1, 447	1, 096	712
Fourth Liberty loan	15, 684	10, 108	33	118	5	1, 855, 531
Victory Liberty loan	497	290	179	138	152	111
Treasury notes	201, 477	649, 919	2, 045, 990	490, 070	653, 015	645, 457
Treasury bonds	12, 695	----------	1	94, 270	42, 834	61, 113
Treasury (war) savings securities	141, 055	15, 572	568	302	210	143
National bank and Federal Reserve bank notes, retirements	24, 346	37, 276	26, 946	37, 454	44, 383	116, 725
Misc. noninterest-bearing debt	1	1	1	1	2	2
Gross debt outstanding at close of year	16, 931, 198	16, 185, 308	16, 801, 485	19, 487, 010	22, 538, 672	27, 053, 086
Interest-bearing	16, 638, 941	15, 921, 892	16, 519, 589	19, 161, 274	22, 157, 643	26, 480, 488
Matured debt on which interest has ceased	50, 751	31, 715	51, 823	60, 087	65, 911	54, 266
Debt bearing no interest	241, 505	231, 701	230, 074	265, 650	315, 118	518, 332

No. 202.—CONTINGENT LIABILITIES OF THE UNITED STATES, DECEMBER 31, 1934

[Amounts in thousands of dollars]

Title	Total	Principal	Interest [1]
Guaranteed by the United States, total	3, 078, 806	3, 063, 227	15, 579
Federal Farm Mortgage Corporation	933, 960	979, 613	4, 347
2 per cent bonds of 1935	39, 157	38, 900	257
3 per cent bonds of 1944–49	845, 839	842, 679	3, 160
3¼ per cent bonds of 1944–64	98, 964	98, 034	929
Home Owners' Loan Corporation	1, 844, 319	1, 834, 277	10, 042
4 per cent bonds of 1933–51	----------	----------	[2]
3 per cent bonds, Series A, 1944–1952	1, 098, 006	1, 095, 660	2, 346
2¾ per cent bonds, Series B, 1939–1949	596, 261	589, 506	6, 755
1½ per cent bonds, Series C, 1936	50, 016	49, 736	280
1¾ per cent bonds, Series D, 1937	50, 170	49, 843	327
2 per cent bonds, Series E, 1938	49, 866	49, 532	334
Reconstruction Finance Corporation	[3] 250, 528	249, 337	1, 191
2¼ per cent notes, Series E	149, 779	149, 622	157
2 per cent notes, Series F	64, 703	64, 093	610
3 per cent notes, Series G	16, 228	16, 000	228
2 per cent notes, Series H	19, 818	19, 622	196
Based upon credit of the United States, total	1, 321, 119	1, 296, 006	25, 113
Secretary of Agriculture	[4] 88, 589	88, 500	189
Postal Savings System—Funds due depositors	[5] 1, 232, 430	1, 207, 506	24, 923
Other obligations—Federal reserve notes (face amount)	[6] 3, 202, 047	----------	----------

[1] After deducting amounts of funds deposited with the Treasury to meet interest payments.
[2] $324,667,000 face amount of bonds and interim receipts outstanding.
[3] Does not include $3,585,000,000 face amount of notes and accrued interest thereon, held by Treasury and reflected in the public debt.
[4] Funds borrowed by the Secretary of Agriculture upon cotton in his possession or control, for which the warehouse receipts for such cotton have been pledged as collateral.
[5] Offset by cash in depository banks and accrued interest, $540,050,000 (secured by $558,478,000 collateral); cash in possession of system, $96,646,000; Government securities held as investments, $592,129,000; and other assets.
[6] In actual circulation. Federal Reserve notes issued are secured by $3,316,200,000 in gold certificates, $241,400,000 in U. S. Government securities, and $5,487,000 in commercial paper.

Source of tables 201 and 202: Reports of the Treasury Department.

No. 203.—TAX-EXEMPT SECURITIES: ESTIMATED AMOUNTS OUTSTANDING, INTEREST WHOLLY EXEMPT FROM FEDERAL INCOME TAXES, AND UNITED STATES SECURITIES OUTSTANDING, INTEREST EXEMPT FROM NORMAL FEDERAL INCOME TAXES

[In millions of dollars]

Dec. 31—	Interest exempt from normal income tax and surtax									Securities outstanding, interest exempt from normal tax only
	Total outstanding issues					Net outstanding issues [1]				
	Total	States, counties, cities, etc.[2]	Territories and possessions	United States Government [3]	Federal farm-loan system [4]	Total	States, counties, cities, etc.[2]	Territories and possessions	United States Government [3]	Federal farm-loan system [4]	
1912	5,333	4,332	36	965	----	4,716	3,717	34	965	----	----
1914	6,196	5,190	37	969	----	5,455	4,450	36	969	----	----
1915	6,689	5,679	39	971	----	5,902	4,893	38	971	----	----
1916	7,133	6,117	44	972	----	6,289	5,274	43	972	----	----
1917	9,072	6,539	45	2,461	27	8,120	5,588	44	2,461	27	4,655
1918	9,241	6,796	46	2,307	92	8,207	5,763	45	2,307	92	18,515
1919	10,948	7,455	48	3,235	210	9,823	6,336	47	3,235	210	22,360
1920	11,348	8,043	57	3,038	210	10,142	6,838	56	3,038	210	20,707
1921	12,313	9,155	70	2,749	333	11,017	7,803	72	2,749	333	20,440
1922	13,248	10,099	119	2,294	736	11,870	8,725	115	2,294	736	20,189
1923	14,309	10,800	125	2,294	1,090	12,819	9,317	118	2,294	1,090	19,350
1924	15,665	11,942	131	2,294	1,298	14,054	10,343	119	2,294	1,298	18,418
1925	16,976	13,186	144	2,168	1,478	15,226	11,451	129	2,168	1,478	17,727
1926	18,027	13,978	156	2,164	1,729	16,138	12,103	142	2,164	1,729	16,454
1927	19,167	15,060	169	2,165	1,773	17,148	13,059	151	2,165	1,773	15,182
1928	20,165	16,026	184	2,167	1,808	18,023	13,902	146	2,167	1,808	14,343
1929	22,390	17,248	167	3,165	1,810	20,115	14,985	155	3,165	1,810	13,137
1930	23,934	18,452	166	3,485	1,831	21,511	16,039	156	3,485	1,831	11,508
1931	26,333	19,369	184	5,011	1,789	24,644	17,691	153	5,011	1,789	12,125
1932	29,522	19,753	161	8,063	1,645	27,854	18,901	145	8,063	1,645	12,034
1933	30,837	19,219	156	9,725	1,737	28,867	17,273	132	9,725	1,737	[5]13,355
1934	34,330	19,091	137	13,375	1,727	32,348	17,123	123	13,375	1,727	[5]14,011

[1] "Total outstanding issues" less amounts held in sinking funds.

[2] Revised series. Excludes bonds issued to and held by agencies of the United States Government.

[3] Includes short-term debt in the form of Treasury bills, certificates of indebtedness, and Treasury notes, but excludes issues specially created to be held in United States Government trust funds.

[4] Does not include stocks. Excludes also Federal land bank bonds issued directly to and held by the Secretary of the Treasury for 1918 to 1926, and $579,000,000 of Federal land bank bonds issued directly to and held by the Federal Farm Mortgage Corporation for 1934.

[5] In addition to the direct obligations of the United States, there were also outstanding bonds issued by governmental agencies, which are guaranteed by the United States as to interest and/or principal, amounting to $224,000,000 on Dec. 31, 1933, and $3,388,000,000 on Dec. 31, 1934, the interest on which is exempt from normal income tax but not from surtax.

No. 204.—INDEBTEDNESS OF FOREIGN GOVERNMENTS TO UNITED STATES

[All figures in thousands of dollars. Indebtedness includes accrued interest]

Country	Total indebtedness, Dec. 31, 1934	Payments to Dec. 31, 1934			Payments during year ended Dec. 31, 1934	Amounts not paid according to contract terms, as of Dec. 31, 1934 [1]			
		Total	Principal	Interest		Total	Funding agreements		Moratorium agreements
							Principal	Interest	
Total	12,210,662	2,747,271	757,330	1,989,941	667	632,930	170,242	417,769	44,919
Armenia	20,911	----	----	----	----	----	----	----	----
Austria	23,772	863	863	----	----	[2]	----	----	----
Belgium	416,422	52,191	19,158	33,034	----	21,578	8,500	11,625	1,453
Cuba	----	12,287	10,000	2,287	----	----	----	----	----
Czechoslovakia	165,380	20,134	19,830	304	----	6,210	5,670	----	548
Estonia	18,377	1,248	----	1,248	----	1,844	344	1,390	110
Finland	8,637	3,914	586	3,329	395	----	----	----	----
France	4,000,903	426,076	226,040	200,036	----	163,617	58,169	96,307	9,141
Great Britain	4,793,186	2,024,849	434,182	1,590,667	----	379,462	64,000	286,299	29,162
Greece	32,789	3,430	984	2,446	272	2,161	1,179	781	201
Hungary	2,121	468	74	394	----	202	38	152	13
Italy	2,011,067	100,830	37,494	63,366	----	30,570	24,900	2,982	2,688
Latvia	7,590	762	9	752	----	642	133	463	46
Liberia	----	*36*	*26*	*10*	----	----	----	----	----
Lithuania	6,762	1,238	235	1,003	----	491	82	368	41
Nicaragua	434	160	142	27	----	[1]	----	----	----
Poland	229,967	22,646	1,287	21,359	----	22,973	4,202	17,402	1,369
Rumania	63,898	4,791	4,499	292	----	2,346	2,200	----	146
Russia	346,852	[3]8,750	----	8,750	----	[1]	----	----	----
Yugoslavia	61,625	2,589	1,953	636	----	825	825	----	----

[1] Amounts due from Armenia, Nicaragua, and Russia are not included; there have been no funding agreements with these countries.

[2] Payments postponed under provision of debt agreement between Austria and United States.

[3] Represents proceeds of liquidation of financial affairs of Russian Government in this country.

Source of tables 203 and 204: Treasury Department.

No. 205.—SUMMARY OF SECURITIES OWNED BY THE UNITED STATES GOVERNMENT, AS OF DEC. 31, 1934

NOTE.—This statement is made up on the basis of the face value of the securities as received by the United States, with due allowance for repayments. It does not include securities which the United States holds as collateral, or as the result of the investment of trust funds

[All figures in thousands of dollars]

Security	Amount	Security	Amount
Grand total	17,436,002	Capital stock, etc.—Continued.	
Foreign obligations	12,014,992	Federal Savings and Loan Insurance Corporation	[7] 100,000
Received under debt settlement	11,155,787	Federal Subsistence Homesteads Corporation	10
All other	859,205	Home Owners' Loan Corporation	[7 8] 100,000
Capital stock of war emergency corporations: [1]		Inland Waterways Corporation	12,000
U. S. Housing corporation	[2] 33,608	Panama Railroad Company	7,000
U. S. Shipping Board Merchant Fleet Corporation	50,000	Production Credit Corporations	[9] 112,000
U. S. Spruce Production Corporation	100	Reconstruction Finance Corporation (capital stock and notes)	[10] 3,432,669
War Finance Corporation (in liquidation)	10	Regional Agricultural Credit Corporations	[5] 44,500
Capital stock (except as noted) of other corporations and credit agencies: [1]		Railroad obligations	31,490
Banks for Cooperatives	60,000	Obligations acquired by Federal Emergency Administration of Public Works	254,693
Central Bank for Cooperatives	50,000	Notes received by Farm Credit Administration evidencing outstanding advances from Revolving Fund created by the Agricultural Marketing Act	146,911
Commodity Credit Corporation	3,000	Securities received by War and Navy Departments on account of sales of surplus war supplies and property	5,668
Electric Home and Farm Authority, Inc	1,000	Securities received by U. S. Shipping Board on account of sales of ships, etc	134,126
Export-Import Bank of Washington, D. C	[3] 11,000	Obligations of farmers for feed, seed, and drought relief loans	75,604
Second Export-Import Bank of Washington, D. C	[4] 2,750	Obligations of farmers for crop production loans	[5] 35,638
Federal Deposit Insurance Corporation	150,000	Obligations of Joint-Stock Land banks	[5] 547
Federal Farm Mortgage Corporation	[5] 200,000		
Federal Home Loan Banks	[5] 81,046		
Federal Intermediate Credit Banks (capital stock and paid-in surplus)	[6] 100,000		
Federal Land Banks (capital stock and paid-in surplus)	173,831		
Federal Savings and Loan Associations (preferred and full paid income shares)	11,210		

[1] Cash on deposit with the Treasurer of the United States to the credit of all War emergency corporations having such deposits amounted to $18,361,000 and of all other corporations, to $299,419,000.
[2] Balance after deducting amounts retired and cash deposited in Treasury on account of repayments on capital stock.
[3] Includes $10,000,000 Reconstruction Finance Corporation funds.
[4] Includes $2,500,000 Reconstruction Finance Corporation funds.
[5] Reconstruction Finance Corporation funds.
[6] Includes $40,000,000 Reconstruction Finance Corporation funds.
[7] Home Owners' Loan Corporation funds, acquired from Reconstruction Finance Corporation, made available for capital stock subscriptions.
[8] Balance after deducting $100,000,000 expended for subscriptions to capital stock of Federal Savings and Loan Insurance Corporation.
[9] Includes $37,500,000 Reconstruction Finance Corporation funds.
[10] Balance after deducting funds expended for subscriptions to capital stock of other governmental corporations and funds disbursed to other governmental agencies, amounting to $616,146,000 and $36,186,000 respectively, which are included in securities shown for the corporations and agencies.

No. 206.—MONEY COST OF WORLD WAR TO UNITED STATES GOVERNMENT TO JUNE 30, 1934

NOTE.—Data, which are partly estimated, include expenditures during the war period taken as extending from Apr. 6, 1917, to June 30, 1921, and continuing costs, expenses of the Veterans' Bureau and interest on war debt. They make allowance for estimated normal expenditures under the War and Navy Departments, receipts on account of the sale of war supplies and surplus Government property, and assets held on June 30, 1921, except foreign obligations which are taken as of June 30, 1934

[In millions of dollars]

	Amount
Total to June 30, 1934	41,765
To June 30, 1921	25,729
Continuing costs, fiscal years 1922 to 1934:	
Veterans' Administration	6,391
Interest on war debt	9,557
Settlement of War Claims Act of 1928	88

Source of tables 205 and 206: Reports of the Treasury Department.

No. 207.—REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS AND DEBT: ALL CLASSES OF GOVERNMENT ORGANIZATIONS IN THE UNITED STATES

[Total amounts in millions and tenths of millions of dollars; per capita in dollars]

	Aggregate		National Government		States		Counties		Cities, towns, villages, and boroughs		All other civil divisions [1]
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	
Revenue receipts:											
1912	2,789.9	28.74	[2] 953.0	9.82	367.6	3.80	370.0	4.32	[3] 1,098.7	[3] 24.33	(4)
1932	11,477.3	92.18	[2] 2,625.3	20.97	2,207.9	17.83	1,313.8	11.99	3,373.6	42.54	1,956.6
Governmental-cost payments:											
1912	2,957.4	30.46	[2] 952.6	9.81	382.6	3.95	385.2	4.49	[3] 1,237.1	[3] 27.40	(4)
1932	13,409.2	108.18	[2] 3,906.6	31.20	2,505.8	20.24	1,411.8	12.88	3,594.6	45.32	2,050.3
Gross debt less sinking fund assets:											
1902	2,838.9	35.93	[5] 969.5	12.22	239.4	3.03	196.6	2.80	1,346.8	(4)	86.7
1912	4,850.5	49.97	[5] 1,028.6	10.59	345.9	3.57	371.5	4.33	2,871.6	54.29	232.7
1922	30,845.6	283.70	[5] 22,155.9	203.78	935.5	8.64	1,273.3	13.19	4,679.4	71.26	1,801.6
1932	39,411.4	316.53	[5] 21,834.6	174.40	2,361.0	19.07	2,390.8	21.82	8,842.2	111.45	3,982.9

[1] Independent school districts, townships, bridge, dike, drainage, irrigation, road, etc., districts.

[2] Data for years ended June 30, 1913 and 1933. Postal revenues and postal expenditures chargeable against them are included in receipts and expenditures, respectively. Further differences between figures in this table and totals in Tables 168 to 172 are as follows: Receipts here shown exclude trust funds and other nonrevenue receipts while expenditures exclude public debt retirements, trust funds, District of Columbia, refunds of customs and internal revenue and other non-Governmental costs.

[3] Cities, towns, etc., with a population of 2,500 and over; comparable data for 1932 are: Revenue receipts, $3,221,900,000 (per capita, $45.99); governmental-cost payments, $3,449,600,000 (per capita, $49.24).

[4] Not available.

[5] Gross debt less cash in Treasury as of June 30 following the year stated in stub.

No. 208.—REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF STATE AND LOCAL GOVERNMENTS, 1932

NOTE.—All figures, except per capita, in thousands of dollars. Data are for the fiscal year closing between July 1, 1931, and June 30, 1932, except for a few States for which June 30, 1931, figures were used

	States	Counties	Cities, towns, villages, boroughs	Other local
Revenue receipts, total	2,207,935	1,313,832	3,373,594	1,956,556
Per capita	$17.83	$11.99	$42.54	(1)
From taxes, total	1,641,850	1,020,835	2,251,289	1,443,773
General property	323,477	877,142	2,057,495	1,426,670
Inheritance	143,359	1,547	3,648	262
Income	47,852	1,591	49,600	2,682
All other special	141,856	3,193	19,304	2,647
Poll	5,321	5,312	4,607	3,218
Licenses and permits	979,385	132,050	116,635	8,294
Special assessments	26,060	32,146	226,430	36,529
Fines, forfeits, and escheats	5,833	10,314	19,421	745
Subventions and grants	249,282	139,077	137,784	341,726
Donations, gifts, and pension assessments	32,034	2,534	33,308	2,907
Highway privileges, rents, and interest	87,996	19,149	130,951	18,010
Earnings of general departments	154,701	88,956	87,415	80,869
Earnings of public service enterprises	10,179	821	487,001	31,997
Governmental-cost payments, total	2,505,835	1,411,826	3,594,647	2,050,307
Per capita	$20.24	$12.88	$45.32	(1)
Operation and maintenance of general departments	1,501,393	981,192	2,070,192	1,496,331
General government	123,333	251,150	(2)	(2)
Protection to person and property	86,875	44,231	(2)	(2)
Health and sanitation	37,202	32,778	(2)	(2)
Highways	235,690	236,350	(2)	(2)
Charities, hospitals, and corrections	274,920	182,120	(2)	(2)
Schools	602,065	178,406	(2)	(2)
Libraries	2,405	3,772	(2)	(2)
Recreation	8,054	7,618	(2)	(2)
Development and conservation of natural resources	72,965	----------	(2)	(2)
Miscellaneous	57,794	44,767	(2)	(2)
Operation and maintenance of public service enterprises	6,330	489	282,891	18,234
Interest	112,258	118,875	424,139	188,696
Outlays	885,854	311,270	817,425	347,146

[1] Not computed. [2] Not available.

Source of tables 207 and 208: Bureau of the Census, Department of Commerce.

No. 209.—REVENUES AND EXPENDITURES OF STATE GOVERNMENTS

NOTE.—Both receipts and expenditures are net figures, excluding temporary and special transactions which represent virtually duplication. Revenue receipts do not include any receipts from borrowing of money. Outlays, which enter into the total for governmental-cost payments, represent capital investments, including those made with the proceeds of borrowed money. The excess of governmental-cost payments over revenue receipts represents, approximately, increase of indebtedness

	1930			1931			1932[1]		
	Amount (thousands of dollars)	Per capita (dollars)	Percent of total	Amount (thousands of dollars)	Per capita (dollars)	Percent of total	Amount (thousands of dollars)	Per capita (dollars)	Percent of total
Revenue receipts, total	2,243,110	18.39	100.0	2,324,522	18.87	100.0	2,207,935	17.83	100.0
From taxes	1,780,339	14.59	79.4	1,778,484	14.43	76.5	1,641,850	13.26	74.4
General property	345,187	2.83	15.4	371,410	3.01	16.0	323,477	2.61	14.7
Special property	96,451	.79	4.3	112,215	.91	4.8	(2)	(2)	(2)
Inheritance	180,794	1.48	8.1	182,653	1.48	7.9	143,959	1.16	6.5
Income	76,530	.63	3.4	51,059	.41	2.2	47,852	.39	2.2
Other special taxes	70,993	.57	3.1	41,831	.34	1.8	[2] 141,856	[2] 1.15	[2] 6.4
Poll taxes	4,058	.03	.2	5,450	.04	.2	5,321	.04	.2
Motor fuel	399,523	3.27	17.8	423,397	3.44	18.2	979,385	7.91	44.4
Motor vehicle licenses	296,424	2.43	13.2	281,517	2.28	12.1			
All other licenses	311,279	2.56	13.9	308,952	2.51	13.3			
Special assessments	26,427	.22	1.2	24,699	.20	1.1	26,060	.21	1.2
Fines, forfeits, and escheats	7,918	.06	.4	7,081	.06	.3	5,833	.05	.3
Subventions, donations, and pension assessments	150,155	1.23	6.7	242,623	1.97	10.4	281,316	2.27	12.7
Interest, rents, and highway privileges	102,216	.84	4.6	95,446	.77	4.1	87,996	.71	4.0
Earnings of general departments	157,698	1.29	7.0	158,712	1.29	6.8	154,701	1.25	7.0
Earnings of public-service enterprises	18,357	.15	.8	17,477	.14	.8	10,179	.08	.5
Governmental-cost payments, total	2,290,270	18.78	100.0	2,508,744	20.36	100.0	2,505,835	20.24	100.0
Operation and maintenance	1,400,065	11.48	61.1	1,456,083	11.82	58.0	1,507,723	12.18	60.2
General departments	1,390,505	11.40	60.7	1,447,286	11.75	57.7	1,501,393	12.12	59.9
General government	110,300	.90	4.8	126,637	1.03	5.0	123,333	1.00	4.9
Protection to person and property	79,538	.65	3.5	84,117	.69	3.4	86,875	.70	3.5
Development and conservation of natural resources	74,356	.61	3.2	74,538	.61	3.0	72,965	.59	2.9
Health and sanitation	33,588	.28	1.5	36,894	.30	1.5	37,292	.30	1.5
Highways	251,311	2.06	11.0	239,873	1.95	9.6	235,690	1.90	9.4
Charities, hospitals, and corrections	223,679	1.83	9.8	230,206	1.87	9.2	274,920	2.22	11.0
Education	557,967	4.57	24.4	591,555	4.80	23.6	604,470	4.88	24.1
Recreation	5,546	.05	.2	6,350	.05	.3	8,064	.07	.3
Miscellaneous	54,220	.45	2.4	57,116	.46	2.3	57,704	.47	2.3
Public-service enterprises	9,560	.08	.4	8,797	.07	.4	6,330	.05	.3
Interest	101,431	.83	4.4	110,821	.90	4.4	112,258	.91	4.5
Outlays	788,774	6.47	34.4	941,840	7.64	37.5	885,854	7.15	35.4
Highway construction	635,203	5.21	27.7	757,835	6.15	30.2			
All other	153,571	1.26	6.7	184,005	1.49	7.3			

[1] Includes 1931 figures for 18 States (see Table 215). [2] "Other special taxes" includes special property

No. 210.—REVENUES AND EXPENDITURES OF STATE GOVERNMENTS

NOTE.—All figures in thousands of dollars. See headnote, Table 209

Year	Revenue receipts, total	Governmental-cost payments				Outlays for permanent improvements
		Total	Operation, maintenance, and interest			
			Total	Operation and maintenance	Interest	
1915	458,233	494,907	399,714	381,168	18,546	95,193
1919	675,217	640,403	569,258	545,178	24,080	71,145
1922	1,159,527	1,280,320	962,275	920,967	41,308	318,045
1926	1,655,495	1,614,538	1,126,180	1,049,310	76,870	488,358
1928	1,935,432	1,889,173	1,304,650	1,217,721	86,929	584,523
1929	2,059,327	2,061,017	1,402,011	1,307,874	94,137	659,006
1930	2,243,110	2,290,270	1,501,496	1,400,065	101,431	788,774
1931	2,324,522	2,508,744	1,566,904	1,456,083	110,821	941,840
1932[1]	2,207,935	2,505,835	1,619,981	1,507,723	112,258	885,854

[1] Includes 1931 figures for 18 States.

Source of tables 209 and 210: Bureau of the Census, Department of Commerce.

No. 211.—STATE REVENUES AND EXPENDITURES PER CAPITA

Year	Per capita revenue receipts			Per capita governmental-cost payments for operation, maintenance, and interest		
	Total	From taxes	From all other revenue	Total	For operation and maintenance	For interest
1915	$4.66	$3.71	$0.94	$4.06	$3.87	$0.19
1919	6.43	5.02	1.40	5.42	5.18	.23
1922	10.71	7.93	2.79	8.89	8.50	.38
1926	14.29	10.91	3.37	9.72	9.06	.66
1928	16.31	12.70	3.61	10.99	10.26	.73
1929	17.11	13.39	3.72	11.65	10.87	.78
1930	18.39	14.59	3.79	12.31	11.48	.83
1931	18.87	14.43	4.43	12.72	11.82	.90
1932 [1]	17.83	13.26	4.57	13.09	12.18	.91

[1] *Includes 1931 figures for 18 States (see Table 215).*

No. 212.—ASSESSED VALUATION OF PROPERTY SUBJECT TO GENERAL PROPERTY TAX

NOTE.—Property belonging to railroads, telegraph companies, and a number of similar corporations is in some States distinguished as real or personal, but in a number of States it is treated as a single total. In the latter case, figures for such corporations and also other property and franchise valuations of corporations for which data were insufficient for a complete distinction of real from personal are not shown separately but are included in the totals. Figures do not show the relative wealth of the different States owing to differences in the bases of assessments and practices thereunder

[All figures in millions of dollars]

Division and State	1922, total	1932		
		Total [1]	Real property	Personal property
Grand total	123,441	161,478	124,706	29,897
New England	10,250	13,918	11,921	2,188
Maine	637	[2] 757	641	116
New Hampshire	618	[2] 679	556	67
Vermont	307	441	246	142
Massachusetts	5,678	7,443	6,384	1,059
Rhode Island	1,047	[2] 1,447	984	463
Connecticut	*1,963*	*3,151*	*2,810*	*341*
Middle Atlantic	29,260	49,142	44,070	4,556
New York	15,391	29,560	29,182	378
New Jersey	4,102	[2] 6,819	5,451	852
Pennsylvania	9,767	12,763	9,437	3,326
East North Central	30,389	39,132	28,699	8,589
Ohio	10,407	[2] 13,453	9,376	4,077
Indiana	5,226	[2] 5,073	3,785	1,288
Illinois	4,000	7,269	5,064	1,479
Michigan	5,930	8,263	6,542	1,313
Wisconsin	5,106	5,074	3,932	432
West North Central	18,796	17,292	12,046	4,067
Minnesota	2,354	2,308	1,680	628
Iowa	1,766	1,464	763	615
Missouri	4,633	4,789	3,519	791
North Dakota	1,308	880	613	267
South Dakota	1,977	1,509	1,136	373
Nebraska	3,203	2,676	1,975	701
Kansas	3,555	3,666	2,360	692
South Atlantic	10,401	12,312	7,899	3,079
Delaware	227	[2] 292	292	[3]
Maryland	1,685	2,762	1,953	809
Virginia	1,826	[2] 2,353	1,178	964
West Virginia	2,093	1,878	1,010	296
North Carolina	2,521	[2] 2,831	2,096	466
South Carolina	436	[2] 408	212	196
Georgia	1,192	[2] 1,268	753	297
Florida	421	520	405	51
East South Central	5,787	6,627	4,096	1,916
Kentucky	2,404	[2] 3,060	1,562	1,498
Tennessee	1,731	1,664	1,285	114
Alabama	944	1,211	775	194
Mississippi	708	[2] 692	474	110
West South Central	7,209	8,216	5,571	2,237
Arkansas	578	555	388	167
Louisiana	1,562	[2] 1,666	1,098	568
Oklahoma	1,687	1,754	1,094	252
Texas	3,382	[2] 4,241	2,991	1,250
Mountain	4,746	4,539	2,903	959
Montana	461	411	235	77
Idaho	478	[2] 428	288	23
Wyoming	366	[2] 419	224	78
Colorado	1,551	1,447	917	530
New Mexico	330	334	146	45
Arizona	734	675	585	90
Utah	630	618	332	85
Nevada	196	[2] 207	176	31
Pacific	6,328	10,294	7,801	2,306
Washington	1,112	1,250	1,021	229
Oregon	1,010	1,093	802	104
California	4,201	[2] 7,951	5,978	1,973

[1] See headnote.
[2] Data for 1931.
[3] Valuation of personal property included with that of real property.

Source of tables 211 and 212: Bureau of the Census, Department of Commerce.

No. 213.—TAXES: Total Levies of Ad Valorem General Property Taxes of States, Counties, and Minor Civil Divisions

NOTE.—The data represent the total levies of general property taxes of States, counties, cities, villages, towns, boroughs, townships, school districts, etc., and for all purposes. They do not cover "special assessments" on property benefited by specific improvements nor special property taxes applying only to limited classes, nor taxes based on other standards than property, such as income, volume of business, inheritance, etc., which have been steadily growing in relative importance. The change in buying power of money affects materially the comparability of the figures. For data for 1860, 1870, and 1890, by States, see Table 437, Statistical Abstract of 1922

Division and State	Levies of general property taxes (thousands of dollars)					Amount per capita (dollars)				
	1880	1902	1912	1922	1932	1880	1902	1912	1922	1932
Grand total	313,921	724,737	1,349,841	3,503,725	5,026,763	6.26	9.22	13.91	32.23	40.37
New England	42,492	76,306	127,232	270,516	399,504	10.60	13.29	18.53	35.59	48.46
Maine	5,182	6,856	8,987	22,295	31,308	7.99	9.78	11.80	28.83	39.13
New Hampshire	3,179	4,166	6,978	15,029	20,320	9.16	9.95	15.98	33.71	43.42
Vermont	1,745	1,911	4,020	9,188	12,101	5.25	5.52	11.17	26.07	33.61
Massachusetts	24,327	49,219	82,565	156,285	231,212	13.64	17.06	23.27	39.33	53.90
Rhode Island	2,693	6,133	8,192	19,925	28,953	9.74	13.65	14.13	32.12	41.60
Connecticut	5,366	8,021	16,489	47,794	75,610	8.62	8.53	13.95	33.30	46.39
Middle Atlantic	94,130	211,936	364,266	840,028	1,464,289	8.97	13.17	17.71	36.66	54.91
New York	56,393	132,711	221,467	454,878	824,022	11.09	17.49	22.80	42.72	64.32
New Jersey	8,958	20,956	40,424	145,355	269,595	7.92	10.54	17.98	44.27	65.25
Pennsylvania	28,779	58,269	93,375	239,795	370,672	6.72	8.95	11.52	26.70	38.12
East North Central	78,502	172,421	292,021	889,682	1,220,670	7.00	10.47	15.38	39.27	47.52
Ohio	25,757	47,400	76,807	224,423	302,861	8.05	11.15	15.45	37.63	45.42
Indiana	11,943	27,968	45,644	117,138	158,341	6.04	10.84	16.53	39.26	42.31
Illinois	24,586	53,013	84,834	250,380	391,150	7.90	10.56	14.37	37.60	50.49
Michigan	8,628	23,477	47,998	108,797	206,718	5.27	9.48	16.34	43.90	53.75
Wisconsin	7,588	20,503	36,848	108,944	121,591	5.77	9.61	15.23	40.45	40.94
West North Central	35,490	95,010	180,440	490,529	511,566	5.76	9.00	15.06	38.52	38.25
Minnesota	4,346	17,761	38,108	107,325	120,345	5.57	9.65	17.47	43.78	46.61
Iowa	11,062	22,603	36,570	105,842	101,197	6.81	10.17	15.45	43.36	40.84
Missouri	11,832	21,785	35,491	91,445	103,234	5.46	6.82	10.58	26.64	28.27
North Dakota	[1] 478	4,186	11,875	31,167	27,931	[1] 3.54	11.44	17.97	47.13	40.84
South Dakota		4,329	10,720	32,483	29,975		10.69	16.07	50.18	42.88
Nebraska	2,792	9,499	19,781	53,236	48,522	6.17	8.89	16.04	40.26	35.01
Kansas	4,980	14,847	27,895	69,331	80,362	5.00	10.14	16.55	38.83	42.47
South Atlantic	21,553	46,365	91,136	255,316	359,097	2.84	4.31	7.15	17.73	22.43
Delaware	604	1,317	1,791	4,841	5,915	4.12	7.00	8.61	21.20	24.05
Maryland	5,437	10,698	16,360	40,026	55,158	5.82	8.79	12.30	26.95	33.43
Dist. of Col	1,469	3,351	5,399	12,366	25,254	8.27	11.62	15.51	28.20	51.33
Virginia	4,694	6,896	13,822	33,878	43,386	3.10	3.64	6.49	14.32	17.83
West Virginia	1,994	5,507	10,026	38,435	50,657	3.22	5.52	7.67	25.39	28.85
North Carolina	1,916	3,975	9,989	37,017	47,711	1.37	2.04	4.33	13.98	14.76
South Carolina	1,840	3,736	6,899	20,386	27,379	1.85	2.73	4.39	12.09	15.70
Georgia	3,014	8,204	18,414	35,673	45,540	1.95	3.58	6.73	12.01	15.66
Florida	585	2,681	8,436	32,194	58,097	2.17	4.79	10.22	31.44	38.25
East South Central	11,996	27,167	51,663	125,731	160,478	2.15	3.50	5.95	13.98	16.07
Kentucky	5,201	10,462	17,669	37,322	51,063	3.15	4.74	7.66	15.28	19.38
Tennessee	2,516	7,626	14,112	35,127	43,989	1.63	3.68	6.31	14.83	16.63
Alabama	2,062	4,899	9,971	22,684	32,790	1.03	2.59	4.45	9.46	12.25
Mississippi	2,217	4,180	9,911	30,648	32,636	1.96	2.61	5.28	17.12	16.00
West South Central	10,794	29,985	77,723	222,351	320,023	3.24	4.35	8.17	21.05	25.87
Arkansas	1,839	4,446	10,621	17,476	20,382	2.29	3.30	6.40	9.77	10.93
Louisiana	4,386	8,478	14,432	41,562	55,053	4.67	5.91	8.27	22.65	25.82
Oklahoma	[2] 3,377	19,705	54,079	68,944		[2] 3.77	10.16	25.69	28.34	
Texas	4,569	13,684	32,966	109,234	175,649	2.87	4.26	7.90	22.60	29.56
Mountain	4,717	24,312	54,327	144,466	180,320	7.22	13.76	18.45	41.23	42.98
Montana	384	4,092	11,245	26,008	26,317	9.80	15.53	26.83	43.94	48.95
Idaho	187	1,895	6,952	18,560	19,109	5.73	11.11	18.35	40.68	42.85
Wyoming	230	1,074	2,610	8,365	10,938	11.07	11.16	15.98	40.68	47.76
Colorado	2,152	10,741	18,931	44,588	44,887	11.07	19.34	19.17	45.75	42.91
New Mexico	164	1,410	3,426	8,805	11,908	1.37	7.15	9.26	23.80	27.69
Arizona	293	1,635	4,358	15,352	21,807	7.25	12.59	18.88	42.54	48.90
Utah	435	2,848	6,529	17,711	19,676	3.02	9.81	16.13	37.82	38.28
Nevada	872	617	2,276	5,068	6,178	14.00	14.57	24.02	65.47	67.15
Pacific	14,247	41,235	111,033	284,756	430,311	12.78	16.42	23.26	48.61	50.86
Washington	505	9,003	31,205	66,283	73,131	6.73	16.43	23.21	47.13	46.17
Oregon	1,114	4,920	17,139	40,090	41,488	6.37	11.43	22.64	49.55	42.73
California	12,628	27,312	62,689	178,383	315,692	14.60	17.81	23.50	48.97	53.45

[1] Dakota Territory. [2] Oklahoma and Indian Territory combined.

Source: Bureau of the Census, Department of Commerce.

No. 214.—LOCAL GOVERNMENT FINANCES: REVENUE

[All figures, except per capita

	Division and State	All local [1]							Counties	
		Revenue receipts				Governmental-cost payments			Revenue receipts	
		Total	Per capita	From taxes		Total	Per capita	Operation, maintenance, and interest	Total	Per capita
				Total	General property					
1	Grand total	6,643,992	$53.36	4,715,897	4,361,307	7,056,780	$56.68	5,580,939	1,313,832	$11.99
2	New England	508,457	61.68	411,739	364,045	551,376	66.88	439,536	17,149	2.57
3	Maine	33,988	42.49	25,146	24,011	36,944	46.18	29,375	1,961	2.45
4	New Hampshire	26,614	36.87	21,410	19,275	24,870	53.14	21,012	1,805	3.86
5	Vermont	14,146	39.20	10,084	9,995	14,265	39.53	12,207	73	.20
6	Massachusetts	300,999	72.26	252,171	212,413	339,095	79.04	265,827	11,395	3.35
7	Rhode Island	32,959	47.35	26,561	26,250	38,717	55.63	29,069		
8	Connecticut	90,751	55.08	76,367	72,101	97,485	59.81	82,046	1,915	1.17
9	Middle Atlantic	1,923,176	72.12	1,407,208	1,317,835	2,210,898	82.90	1,653,038	207,805	11.80
10	New York	1,131,165	88.29	844,738	777,300	1,277,196	99.69	945,031	86,587	15.13
11	New Jersey	335,288	81.14	213,854	200,163	417,468	101.03	305,325	57,676	13.96
12	Pennsylvania	456,723	46.97	348,616	340,372	516,234	53.09	402,682	63,542	8.20
13	East North Central	1,584,389	61.68	1,106,993	1,040,859	1,585,278	61.72	1,254,000	307,745	11.98
14	Ohio	418,206	62.08	301,302	273,928	416,417	61.81	324,548	90,000	13.45
15	Indiana	163,137	49.80	127,632	125,802	158,878	48.50	131,780	32,830	10.04
16	Illinois	469,992	60.66	333,420	314,759	484,560	62.55	365,692	46,330	5.98
17	Michigan	341,703	68.86	214,096	208,201	328,808	66.27	279,417	82,046	16.53
18	Wisconsin	191,441	64.40	130,453	118,169	196,625	66.20	152,563	55,930	18.83
19	West North Central	663,931	49.65	492,342	438,472	687,936	49.95	538,504	135,388	14.79
20	Minnesota	156,278	60.53	107,486	102,525	148,001	57.32	119,034	40,357	15.63
21	Iowa	149,032	60.14	118,683	83,831	150,670	60.80	113,190	66,843	26.97
22	Missouri	132,580	36.30	99,610	93,697	148,668	40.71	115,178	19,202	6.81
23	North Dakota	27,781	40.62	22,576	20,682	28,464	41.61	25,494	8,122	11.87
24	South Dakota	34,750	49.71	27,354	25,323	31,875	45.60	27,719	10,317	14.76
25	Nebraska	64,840	46.78	43,632	40,707	64,303	46.44	56,812	16,017	11.56
26	Kansas	98,670	52.15	72,951	71,707	95,895	50.68	81,077	24,530	12.97
27	South Atlantic	499,943	31.28	348,826	316,328	502,462	31.45	432,696	187,978	12.04
28	Delaware	10,829	45.12	5,446	5,307	10,998	45.83	7,831	3,264	13.60
29	Maryland	71,025	43.05	52,702	47,931	83,186	50.42	63,577	18,673	22.42
30	Dist. of Columbia	45,284	92.04	29,929	24,697	48,134	97.83	34,433		
31	Virginia	63,967	26.29	43,825	37,018	64,230	26.40	55,709	26,217	15.26
32	West Virginia	52,497	29.90	47,134	46,655	53,490	30.46	44,489	17,032	9.70
33	North Carolina	79,384	24.56	56,369	52,479	82,494	25.52	76,162	42,052	13.01
34	South Carolina	36,783	21.09	23,741	22,211	30,533	17.51	28,968	12,735	7.30
35	Georgia	59,460	20.43	39,898	34,047	56,880	19.55	52,472	17,853	6.14
36	Florida	80,714	53.14	49,722	45,083	72,517	47.74	69,055	30,152	19.85
37	East South Central	221,754	22.20	147,008	129,434	229,930	23.02	186,927	99,548	9.97
38	Kentucky	55,182	20.94	39,699	37,482	57,023	21.64	47,578	11,864	4.50
39	Tennessee	65,646	24.82	42,874	39,350	69,889	26.42	59,051	32,419	12.26
40	Alabama	51,009	19.28	28,726	24,426	53,026	20.03	45,635	32,405	12.10
41	Mississippi	49,317	24.27	35,709	28,176	49,392	24.31	44,663	22,860	11.25
42	West South Central	388,932	29.66	242,415	226,312	401,220	32.43	324,212	86,462	7.26
43	Arkansas	30,746	16.49	16,640	15,526	29,283	15.70	27,396	11,851	6.35
44	Louisiana	68,762	32.25	45,925	41,392	70,080	37.09	60,070	6,186	3.72
45	Oklahoma	76,816	31.57	48,946	47,881	88,375	36.32	73,694	20,382	8.38
46	Texas	166,608	32.07	130,904	121,513	204,482	34.41	163,052	48,043	8.08
47	Mountain	203,671	54.45	133,350	126,225	200,979	53.73	179,492	62,605	16.16
48	Montana	29,193	54.30	22,942	21,477	28,210	52.47	26,208	11,262	20.95
49	Idaho	26,882	60.27	18,198	16,598	24,887	55.80	23,310	7,824	17.54
50	Wyoming	13,912	60.75	8,633	8,053	13,161	57.47	12,247	4,780	20.87
51	Colorado	62,898	60.13	40,096	38,806	63,124	60.35	54,820	15,269	20.28
52	New Mexico	12,518	29.11	8,518	8,298	12,007	27.92	10,846	2,371	5.51
53	Arizona	30,028	67.33	16,728	15,480	29,490	66.12	26,615	12,513	28.06
54	Utah	20,601	40.08	13,225	12,930	22,637	44.04	13,769	4,401	8.56
55	Nevada	7,639	83.03	5,010	4,588	7,463	81.12	6,677	4,185	45.49
56	Pacific	671,729	79.39	426,016	401,797	708,701	83.32	582,534	179,153	22.95
57	Washington	103,964	65.63	55,445	54,519	113,451	71.62	86,990	20,172	12.73
58	Oregon	55,613	57.27	37,982	36,586	55,541	57.20	46,405	15,725	16.19
59	California	512,152	86.72	332,589	310,692	537,709	91.04	429,133	143,255	27.29

[1] Includes school districts, townships, and other civil divisions not shown separately.

RECEIPTS AND GOVERNMENTAL-COST PAYMENTS, 1932

in thousands of dollars]

Counties—Continued					Cities, towns, villages, and boroughs							
Revenue receipts—Con.		Governmental-cost payments			Revenue receipts				Governmental-cost payments			
From taxes							From taxes					
Total	General property	Total	Per capita	Operation, maintenance, and interest	Total	Per capita	Total	General property	Total	Per capita	Operation, maintenance, and interest	
1,020,335	877,142	1,411,826	$12.88	1,100,556	3,373,594	$42.54	2,251,289	2,057,495	3,594,647	$45.32	2,777,222	1
14,046	13,414	17,826	2.68	13,536	412,750	60.85	337,798	293,995	462,980	66.79	359,821	2
1,567	1,567	2,066	2.58	1,680	12,171	36.49	9,838	9,267	13,041	39.10	11,152	3
1,618	1,618	2,265	4.84	2,076	10,751	46.14	9,110	7,990	10,280	44.12	8,905	4
66	66	112	.31	77	4,969	31.08	3,275	3,249	4,938	30.80	4,159	5
9,475	9,100	11,655	3.43	7,992	297,912	69.28	242,393	203,010	326,830	76.00	257,316	6
					32,672	46.84	26,401	26,090	38,418	55.07	28,827	7
1,320	1,063	1,728	1.06	1,711	54,275	51.28	46,781	44,389	59,473	56.20	49,762	8
170,546	149,426	271,775	15.44	172,845	1,292,323	60.43	955,174	892,136	1,423,563	66.58	1,104,775	9
72,359	60,176	119,906	20.96	64,662	915,550	82.57	688,945	638,048	976,060	88.02	765,310	10
41,765	38,855	71,451	17.29	53,426	195,584	58.26	136,805	126,860	228,098	67.94	180,158	11
56,422	50,395	80,418	10.37	54,757	181,189	26.10	129,424	127,228	219,705	31.65	159,307	12
209,340	186,884	303,477	11.81	229,690	659,273	34.24	375,479	336,055	670,969	34.85	516,703	13
69,230	60,964	87,683	13.02	62,121	169,444	33.37	91,116	74,459	171,522	33.78	126,006	14
25,806	25,481	30,771	9.41	25,109	47,634	22.31	28,543	27,908	47,513	22.25	36,726	15
25,630	18,745	54,198	7.00	40,484	174,150	27.33	85,629	78,877	180,332	28.31	130,556	16
52,746	47,860	68,392	13.78	56,059	169,249	44.76	99,724	98,745	171,283	45.30	145,695	17
35,928	33,834	62,433	21.02	45,917	98,796	52.31	70,467	61,066	100,316	53.11	77,720	18
152,322	108,023	196,787	15.69	134,743	220,583	28.74	131,350	122,330	217,452	28.33	167,090	19
27,770	24,156	34,848	13.50	23,479	69,971	43.37	45,194	43,863	68,202	42.27	54,225	20
58,357	24,351	75,369	30.42	43,958	29,094	19.95	16,773	15,927	26,740	18.34	21,190	21
17,031	16,877	24,674	8.74	17,249	61,573	27.05	39,704	34,021	69,857	30.69	49,027	22
7,497	5,991	8,741	12.78	6,731	4,538	17.87	2,124	2,047	3,955	15.57	3,558	23
9,799	7,872	10,435	14.93	8,144	6,715	24.03	3,684	3,598	6,050	21.65	5,047	24
11,991	9,452	17,695	12.77	14,003	18,956	24.86	10,212	9,826	16,713	21.92	13,983	25
19,877	19,324	25,025	13.23	20,579	29,736	28.81	13,650	13,048	25,935	25.12	20,060	26
129,125	115,231	168,723	11.95	149,429	247,441	35.40	155,827	137,512	253,718	36.30	208,722	27
2,289	2,272	3,132	13.05	2,591	7,472	48.38	3,064	2,942	7,797	50.48	5,171	28
15,191	14,099	19,962	23.96	16,700	50,977	48.02	37,262	33,532	61,087	57.54	45,850	29
					45,284	92.04	29,929	24,697	48,134	97.83	34,433	30
19,192	15,482	25,519	14.86	22,960	37,660	41.04	24,559	21,472	38,469	41.92	32,655	31
15,713	15,479	17,433	9.93	12,760	8,153	12.45	5,856	5,615	8,192	12.51	6,806	32
34,152	31,455	46,439	14.37	43,151	27,001	24.90	13,745	12,568	25,083	23.08	23,138	33
7,389	6,971	9,561	5.48	8,839	9,404	18.29	5,972	5,080	8,377	16.29	7,837	34
16,168	13,723	16,820	5.78	15,119	25,851	21.74	15,580	13,074	24,441	20.56	22,554	35
19,031	15,750	27,848	18.33	27,309	35,579	38.70	19,850	18,552	32,138	34.95	30,269	36
72,024	62,225	102,396	10.25	91,403	89,432	25.65	56,940	50,023	95,216	27.31	76,453	37
10,806	10,304	11,688	4.44	10,905	25,778	25.92	17,621	16,145	28,452	28.61	21,417	38
22,985	20,874	33,643	12.72	30,059	30,693	29.59	19,458	18,048	33,738	32.57	27,076	39
17,817	16,974	32,944	12.31	29,217	19,204	20.62	10,909	7,452	20,682	22.21	16,418	40
20,416	14,073	24,121	11.87	21,222	13,757	26.29	8,952	8,378	12,344	23.59	11,542	41
65,724	55,497	92,858	7.81	76,240	123,012	21.86	74,713	70,857	133,745	23.77	102,361	42
5,426	5,015	11,751	6.30	11,073	3,527	6.40	2,374	1,671	3,273	5.94	2,979	43
5,329	4,664	6,384	3.84	6,117	31,978	32.58	19,663	17,803	36,433	37.12	27,011	44
11,622	11,413	23,432	9.63	18,949	23,174	19.68	12,252	11,396	23,855	20.26	18,731	45
43,347	34,405	51,391	8.65	40,101	64,333	22.06	40,424	39,987	70,184	24.07	53,640	46
52,417	47,684	61,277	17.77	57,196	51,690	26.33	28,445	24,635	52,491	26.74	40,897	47
10,154	8,820	10,905	20.28	10,016	5,569	22.06	2,866	2,735	4,998	19.80	4,537	48
7,225	6,186	7,759	17.39	7,265	4,124	20.00	2,174	2,127	3,696	17.92	3,460	49
4,106	3,694	4,486	19.59	4,133	3,122	26.31	1,524	1,413	2,749	23.16	2,494	50
11,946	11,264	15,151	20.13	13,931	22,904	35.47	11,376	10,768	23,114	35.80	17,593	51
1,999	1,993	2,364	5.50	2,299	2,369	17.15	1,156	948	2,050	14.84	1,585	52
9,791	8,755	12,155	27.25	11,796	5,399	31.38	2,667	2,455	5,805	32.54	4,317	53
3,684	3,664	4,569	8.89	4,033	6,778	18.38	3,754	3,479	8,733	23.68	5,883	54
3,512	3,308	3,891	42.29	3,723	1,225	22.42	928	710	1,346	24.64	1,028	55
155,291	138,758	198,607	25.45	175,474	277,090	45.10	137,563	129,952	294,216	47.89	200,400	56
17,431	16,969	21,918	13.84	18,980	47,998	46.84	17,989	17,600	52,616	51.35	33,509	57
12,413	11,350	16,852	17.36	12,926	19,080	31.90	9,732	9,399	18,042	30.17	14,570	58
125,447	110,439	159,837	30.45	143,568	210,012	46.45	109,842	102,953	223,558	49.44	152,261	59

Source: Bureau of the Census, Department of Commerce.

No. 215.—STATE FINANCES: REVENUES AND EXPENDITURES BY STATES, 1932

[All figures, except per capita, in thousands of dollars]

Division and State	Revenue receipts							Governmental-cost payments			
	Total		From taxes					Total		Operation, maintenance, and interest	Outlays
	Amount	Per capita	Total [1]	General property	Inheritance	Income	Licenses and permits [2]	Amount	Per capita		
Grand total	2,207,835	$17.83	1,641,850	323,477	143,959	47,852	979,385	2,605,835	$20.24	1,619,981	885,854
New England	169,889	20.64	131,463	19,362	18,638	1,217	70,155	178,747	21.72	110,176	68,571
Maine	22,972	28.72	17,408	4,885	921	------	10,490	26,785	33.48	15,763	11,022
N. Hampshire [3]	11,398	24.46	8,859	2,812	380	------	5,573	13,054	28.01	10,713	2,341
Vermont	10,884	30.23	8,777	1,138	432	496	4,877	10,260	28.50	6,683	3,577
Massachusetts [3]	74,020	17.30	56,269	7,500	11,688	721	23,866	74,058	17.31	44,884	29,174
Rhode Island	13,141	18.88	10,326	1,185	1,120	------	5,494	13,189	18.95	8,812	4,377
Connecticut	37,471	22.99	20,824	1,842	4,097	------	19,855	41,401	25.40	23,321	18,080
Middle Atlantic	519,228	19.50	415,325	37,891	75,072	19,473	201,694	647,457	24.26	480,316	187,142
New York	257,569	20.10	205,894	2,230	45,802	19,473	102,574	302,210	28.27	201,516	100,694
New Jersey	92,418	22.37	75,792	35,661	10,337	------	25,612	119,550	28.93	74,717	44,839
Pennsylvania	169,841	17.48	132,639	------	18,933	------	73,508	165,691	17.05	124,082	41,609
E. N. Central	403,015	15.71	316,364	81,270	21,543	7,815	187,428	409,995	15.98	270,729	139,266
Ohio [3]	88,328	13.16	64,151	5,000	3,789	------	49,718	76,977	11.47	50,606	26,371
Indiana [3]	58,410	17.93	43,706	14,516	1,944	------	26,449	50,155	15.39	29,748	20,407
Illinois	88,998	11.49	73,865	18,154	6,534	------	44,973	107,805	13.92	70,430	37,375
Michigan	102,263	20.61	84,026	36,060	5,580	------	34,820	102,188	20.59	76,442	25,746
Wisconsin	65,016	21.89	50,616	7,540	3,696	7,815	31,468	72,870	24.54	43,503	29,367
W. N. Central	245,219	18.35	184,896	45,843	5,898	3,635	106,122	282,882	21.16	157,481	125,401
Minnesota	60,578	23.46	40,936	9,921	1,504	------	29,319	74,993	29.04	44,636	30,357
Iowa	43,028	17.36	32,470	9,852	808	------	21,681	49,466	19.96	24,258	25,208
Missouri [3]	51,485	14.12	36,756	5,889	2,753	3,419	22,606	64,611	17.72	32,723	31,888
North Dakota	15,381	22.49	6,070	2,628	15	216	3,204	16,302	23.83	12,453	3,849
South Dakota	17,330	24.79	9,492	4,304	241	------	4,933	18,412	26.34	11,831	6,581
Nebraska	23,562	17.00	15,155	5,928	50	------	9,019	25,443	18.36	13,809	11,634
Kansas	33,855	17.89	23,517	7,321	431	------	15,360	33,655	17.79	17,771	15,884
South Atlantic	247,751	16.01	186,291	26,722	6,173	13,659	125,096	273,696	17.69	179,794	93,902
Delaware	12,471	51.96	10,191	3	2,067	577	2,540	13,914	57.98	7,472	6,442
Maryland [3]	33,573	20.43	24,074	6,068	2,162	------	14,896	33,684	20.50	23,191	10,493
Virginia	42,199	17.34	30,990	3,480	518	2,834	22,393	42,493	17.47	32,014	10,479
West Virginia	24,118	13.73	18,481	3,395	418	------	13,316	31,623	18.01	17,907	13,716
N. Carolina	44,062	13.63	35,687	3,306	428	7,164	23,046	47,608	14.54	40,085	6,923
S. Carolina [3]	25,089	14.39	17,876	2,834	132	1,715	12,528	38,297	21.97	17,346	20,951
Georgia [3]	40,369	13.88	28,479	6,222	278	1,379	19,953	40,952	14.08	22,384	18,568
Florida	25,870	17.03	20,513	3,414	170	------	16,424	25,725	16.94	19,395	6,330
E. S. Central	120,128	12.05	88,848	25,137	1,478	1,007	55,436	134,082	13.45	100,069	34,013
Kentucky	36,930	14.02	27,318	10,675	677	------	15,426	38,087	14.45	25,270	12,817
Tennessee	32,752	12.38	25,687	893	771	------	23,250	36,795	13.91	29,319	7,476
Alabama [3]	31,360	11.77	20,450	7,969	------	------	10,692	36,520	13.70	27,683	8,837
Mississippi [3]	19,084	9.43	13,393	5,600	30	1,007	6,068	22,680	11.21	17,797	4,883
W. S. Central	211,161	17.17	148,052	42,852	1,760	687	92,836	272,644	22.17	148,537	126,107
Arkansas	26,157	14.03	17,638	4,453	95	333	12,142	39,073	20.95	19,322	19,751
Louisiana [3]	34,590	16.28	26,960	9,313	528	------	17,091	83,687	39.38	29,420	54,267
Oklahoma [3]	39,675	16.44	23,545	4,777	227	354	17,811	43,261	17.92	26,354	16,907
Texas [3]	110,739	18.79	74,909	24,309	910	------	45,792	106,623	18.09	71,441	35,182
Mountain	102,019	27.32	57,026	25,029	1,589	359	29,216	103,505	27.72	61,592	41,913
Montana	13,708	25.50	6,384	1,989	417	------	3,830	14,516	27.00	7,831	6,685
Idaho [3]	12,351	27.69	6,397	2,854	39	------	3,393	12,131	27.20	6,008	6,123
Wyoming [3]	10,487	46.09	4,014	1,694	66	------	2,216	10,878	47.71	5,741	5,137
Colorado	21,880	20.92	14,312	4,951	777	------	8,345	21,446	20.50	14,091	7,355
New Mexico	10,795	25.10	5,342	1,927	24	------	3,357	11,704	27.22	7,279	4,425
Arizona [3]	13,546	30.72	8,790	5,731	80	------	2,920	14,442	32.75	8,056	6,386
Utah	14,323	27.87	9,169	4,506	166	359	4,023	13,800	26.85	10,069	3,731
Nevada [3]	4,929	53.58	2,618	1,377	------	------	1,132	4,588	49.87	2,517	2,071
Pacific	188,930	22.35	141,085	17,371	11,823	------	111,402	202,827	24.00	133,288	69,539
Washington	40,266	25.47	30,681	12,755	911	------	16,947	38,975	24.65	23,463	15,512
Oregon [3]	29,767	30.85	20,441	4,612	823	------	14,621	29,580	30.65	17,301	12,279
California	118,897	20.13	89,963	4	10,094	------	79,834	134,272	22.73	92,524	41,748

[1] Includes taxes not shown separately. [2] Includes motor fuel tax. [3] Data for the fiscal year 1931.

Source: Bureau of the Census, Department of Commerce.

No. 216.—GROSS DEBT OF STATE AND LOCAL GOVERNMENTS: BY CLASSES, 1932

NOTE.—For gross debt less sinking fund assets (total and per capita) of State and local governments see Tables 217, 218, and 221

[All figures in thousands of dollars]

Division and State	States				Local governments			
	Total	Funded or fixed [1]	Special assessment	All other	Total	Funded or fixed	Special assessment	All other
Grand total	2,895,845	2,499,416	94,250	302,179	18,680,567	13,808,373	1,511,079	1,363,115
New England	200,588	107,304	91,265	2,019	791,871	686,185	400	105,286
Maine	27,462	27,251		211	39,478	35,272		4,206
New Hampshire [2]	7,016	6,516		500	25,633	21,179		4,454
Vermont	9,545	8,630		915	18,384	12,055		6,329
Massachusetts [2]	121,067	29,626	91,265	176	422,277	374,575		47,702
Rhode Island	21,930	21,930			114,257	97,428		16,829
Connecticut	13,568	13,351		217	171,842	145,676	400	25,766
Middle Atlantic	809,400	673,948		135,452	5,979,961	5,174,701	265,328	539,932
New York	579,864	444,846		135,018	3,474,156	3,035,054	150,571	288,531
New Jersey	141,230	141,216		14	1,174,932	904,242	94,006	176,684
Pennsylvania	88,306	87,886		420	1,330,873	1,235,405	20,751	74,717
East North Central	332,401	293,414		38,987	3,247,290	2,360,859	510,380	376,051
Ohio [2]	9,534	8,046		1,488	981,851	784,220	191,269	6,362
Indiana [2]	4,906	3,277		1,629	196,304	187,748	3,558	4,998
Illinois	222,737	190,961		31,776	1,079,281	593,872	203,337	282,072
Michigan	94,040	89,946		4,094	781,691	602,432	108,130	71,129
Wisconsin	1,184	1,184			208,163	192,587	4,086	11,490
West North Central	342,080	332,929		9,151	1,101,422	901,429	158,072	41,921
Minnesota	98,162	94,951		3,211	275,207	212,203	50,543	12,521
Iowa	17,536	15,761		1,775	231,776	216,475	10,611	4,690
Missouri [2]	105,162	104,865		297	255,607	218,332	28,618	8,657
North Dakota	45,449	44,192		1,257	37,637	22,715	10,901	4,021
South Dakota	51,432	50,422		1,010	41,088	28,982	6,536	5,570
Nebraska	929	238		691	118,190	86,648	27,986	3,556
Kansas	23,410	22,500		910	141,857	116,074	22,877	2,906
South Atlantic	433,361	403,129		30,232	1,684,216	1,409,410	166,308	106,498
Delaware	3,216	3,216			27,984	27,608	296	80
Maryland [2]	32,096	32,096			262,814	242,925	16,634	3,255
Dist. of Columbia					103	103		
Virginia	28,302	26,343		1,959	188,652	172,824	427	15,401
West Virginia	89,620	86,070		3,550	73,923	72,008	119	1,796
North Carolina	188,616	175,879		12,737	386,580	303,796	41,005	41,779
South Carolina [2]	78,528	69,974		8,554	110,494	90,740	5,716	14,038
Georgia [2]	12,592	9,551		3,041	101,567	82,439	3,155	15,973
Florida	391			391	532,099	416,967	100,956	14,176
East South Central	230,055	194,254		35,801	628,265	526,834	65,647	35,784
Kentucky	16,607	2,674		13,933	108,387	94,581	4,780	9,026
Tennessee	94,601	92,139		2,462	240,956	215,778	13,867	11,311
Alabama [2]	82,343	66,535		15,808	133,222	94,674	25,312	13,236
Mississippi [2]	36,504	32,906		3,598	145,700	121,801	21,688	2,211
West South Central	270,388	240,082		30,306	1,398,023	1,240,417	69,249	88,357
Arkansas	164,626	160,480		4,146	92,511	35,130	52,836	4,545
Louisiana [2]	83,884	73,455		10,429	281,404	245,994	16,413	19,057
Oklahoma [2]	11,532	1,672		9,860	236,785	203,453		33,332
Texas [2]	10,346	4,475		5,871	787,203	755,840		31,423
Mountain	61,137	44,366	2,444	14,327	461,549	271,359	168,477	21,713
Montana	10,834	5,833		5,001	68,061	36,001	29,334	2,726
Idaho [2]	7,525	4,334		3,191	74,317	33,353	36,211	4,253
Wyoming [2]	5,597	4,245		1,352	38,924	18,921	19,276	727
Colorado	8,162	7,355		807	127,239	76,571	44,988	5,680
New Mexico	12,232	10,752	1,157	323	26,728	17,889	7,656	1,183
Arizona [2]	3,708	301	1,287	2,120	74,708	51,123	22,251	1,394
Utah	11,445	10,525		920	42,278	30,166	8,546	3,566
Nevada [2]	1,634	1,021		613	9,234	6,835	215	2,184
Pacific	216,435	209,990	541	5,904	1,387,970	1,235,179	105,218	47,573
Washington	8,257	7,350		907	216,512	173,197	22,433	20,882
Oregon [2]	60,999	58,749		2,250	180,106	124,515	45,721	9,870
California	147,179	143,891	541	2,747	991,352	937,467	37,064	16,821

[1] Includes debt to public trust funds and other debt classified as "floating" in figures for State debts from the annual surveys shown in Table 215.

[2] Data for the fiscal year 1931.

Source: Bureau of the Census, Department of Commerce.

No. 217.—DEBTS OF STATE AND LOCAL GOVERNMENTS: GROSS DEBT LESS SINKING FUND ASSETS OF STATES, COUNTIES, CITIES, TOWNS, VILLAGES, BOROUGHS, TOWNSHIPS, SCHOOL DISTRICTS, AND ALL OTHER CIVIL DIVISIONS COMBINED

Division and State	Amount (thousands of dollars)					Per capita (dollars)				
	1890	1902	1912	1922	1932	1890	1902	1912	1922	1932
Grand total	1,137,200	1,865,035	3,321,897	8,689,740	17,576,889	18.16	23.73	39.37	79.92	141.17
New England	148,524	301,478	390,960	550,709	931,097	31.60	52.52	56.95	72.48	100.31
Maine	15,772	15,047	22,798	42,457	64,529	23.86	21.46	30.08	54.90	80.66
New Hampshire	8,148	11,413	11,300	16,123	31,735	21.64	27.27	25.87	36.16	67.81
Vermont	3,785	5,217	6,931	11,994	27,180	11.39	15.08	19.39	34.03	75.50
Massachusetts	84,095	209,763	267,129	329,942	436,600	37.56	72.72	75.28	83.04	101.77
Rhode Island	12,999	28,150	30,716	49,239	110,353	37.02	62.67	52.99	79.38	158.55
Connecticut	23,725	31,888	52,036	100,954	160,700	31.79	33.89	44.03	70.33	98.59
Middle Atlantic	321,693	645,887	1,546,580	2,616,431	5,342,189	25.33	40.15	75.28	114.19	219.07
New York	201,256	437,372	1,132,432	1,683,820	3,477,233	33.55	57.04	116.59	158.15	271.40
New Jersey	49,258	[1] 81,204	170,169	382,172	1,151,231	34.09	40.85	61.89	116.40	278.61
Pennsylvania	71,180	127,311	245,979	550,439	1,213,705	13.54	19.55	30.34	61.28	124.82
East North Central	165,229	289,960	546,615	1,652,555	3,352,158	12.26	17.61	28.79	74.62	130.51
Ohio	70,927	117,230	239,667	660,443	875,037	19.32	27.55	48.27	112.25	129.89
Indiana	24,472	34,838	67,404	152,792	199,034	11.16	13.49	24.41	51.21	60.87
Illinois	42,408	80,715	139,480	304,019	1,290,544	11.10	16.08	23.62	54.66	166.50
Michigan	16,942	34,839	59,997	361,778	782,306	8.09	14.07	20.43	94.09	157.66
Wisconsin	10,421	22,348	40,067	104,523	205,235	6.18	10.48	16.56	38.81	69.10
West North Central	155,700	178,902	282,971	851,543	1,215,276	17.52	16.91	23.62	66.83	90.88
Minnesota	26,238	40,084	70,364	269,608	285,112	20.15	22.07	32.26	109.99	110.42
Iowa	11,271	17,440	35,426	151,614	241,991	5.90	7.84	15.94	82.11	97.66
Missouri	51,558	50,397	61,622	118,276	334,265	19.24	15.79	18.37	34.46	91.63
North Dakota	3,655	5,608	13,261	40,266	36,211	21.10	15.31	20.07	60.89	52.94
South Dakota	6,614	6,584	12,085	50,554	51,087	20.11	15.56	19.72	78.09	73.09
Nebraska	15,537	22,415	36,745	97,755	110,506	14.67	21.01	29.80	73.93	79.73
Kansas	40,629	36,774	52,868	123,470	156,104	28.47	24.42	31.36	69.16	82.51
South Atlantic	165,454	159,209	255,195	743,216	1,947,545	18.68	14.79	20.02	51.61	121.90
Delaware	2,919	4,145	6,860	22,451	29,088	17.32	22.04	32.98	98.32	121.20
Maryland	41,262	30,643	59,546	120,954	261,168	39.01	25.18	44.76	81.43	158.28
District of Columbia	19,781	14,540	9,061	156	------	85.86	50.42	26.03	.36	------
Virginia	51,597	47,481	61,930	119,115	181,242	31.16	25.07	29.09	50.33	74.49
West Virginia	2,532	[2] 4,768	[2] 11,195	70,512	151,594	3.32	[2] 4.78	[2] 8.57	46.58	86.33
North Carolina	11,124	15,348	34,344	182,711	532,747	6.87	7.88	14.88	69.03	164.84
South Carolina	13,660	15,751	21,287	65,010	171,699	11.87	11.43	13.54	37.64	98.45
Georgia	20,272	21,280	32,548	64,038	106,985	11.03	9.29	11.89	21.56	36.76
Florida	2,277	5,247	18,424	98,269	513,022	5.81	9.36	22.72	95.96	337.74
East South Central	74,126	91,055	160,320	370,553	827,098	11.53	11.54	18.51	41.17	82.80
Kentucky	19,433	22,842	30,031	50,519	113,418	10.46	10.36	12.85	20.68	43.04
Tennessee	29,544	32,717	59,098	133,337	323,496	16.71	15.79	26.41	56.27	122.30
Alabama	18,956	27,092	43,063	75,198	210,822	12.53	14.32	19.24	31.37	78.75
Mississippi	6,193	8,404	28,028	111,499	179,362	4.81	5.24	15.26	62.27	88.27
West South Central	61,028	83,002	237,495	704,546	1,558,755	13.43	12.05	24.95	66.70	125.98
Arkansas	7,600	4,226	13,813	91,280	255,869	6.73	3.13	8.32	51.03	137.20
Louisiana	33,335	37,777	75,007	126,946	360,411	29.80	26.34	42.97	69.18	169.05
Oklahoma	------	[3] 4,649	60,721	129,977	194,084	------	[3] 5.07	31.32	61.75	79.77
Texas	20,093	36,450	87,894	356,343	748,391	8.99	11.35	21.07	73.71	125.93
Mountain	29,978	56,780	112,770	372,776	487,047	20.74	32.16	38.29	108.39	130.21
Montana	2,926	8,921	18,146	65,229	71,269	22.15	33.87	43.29	110.20	132.57
Idaho	1,594	3,884	14,131	62,193	78,450	18.89	22.02	37.30	136.24	175.90
Wyoming	1,647	2,566	4,324	19,128	43,009	27.14	26.66	26.48	93.02	187.81
Colorado	9,458	22,067	39,647	99,198	129,505	22.95	39.06	44.39	101.78	123.81
New Mexico	2,332	4,530	7,652	25,010	36,943	13.44	22.04	20.70	67.80	85.92
Arizona	2,938	6,592	10,389	44,973	71,777	49.28	60.75	45.01	124.61	160.93
Utah	1,218	6,613	15,288	50,041	46,149	5.85	22.81	37.77	106.85	89.78
Nevada	1,365	1,564	3,183	7,004	9,945	20.83	27.97	33.60	90.49	108.10
Pacific	21,462	58,757	286,551	827,411	1,515,696	11.48	23.30	60.08	141.23	179.14
Washington	3,419	29,557	95,971	169,063	217,431	9.78	53.71	71.37	120.21	137.27
Oregon	2,480	11,302	43,828	138,094	193,849	7.90	26.11	57.90	170.69	204.79
California	15,569	17,898	146,752	520,254	1,099,416	12.89	11.60	55.01	142.81	186.15

[1] Indebtedness of local governments. Sinking fund assets of State governments exceeded the gross debt.
[2] No State indebtedness reported; the Virginia-West Virginia debt settlement was not made until 1919.
[3] Includes $853,000 indebtedness of local governments in Indian Territory reported separately in 1902.

Source: Bureau of the Census, Department of Commerce.

No. 218.—DEBTS OF LOCAL GOVERNMENTS: COMBINED GROSS DEBT LESS SINKING FUND ASSETS OF ALL CIVIL DIVISIONS

NOTE.—Debts of State governments are not included in this table but are included in Table 217

Division and State	Amount (thousands of dollars)					Per capita (dollars)				
	1890	1902	1912	1922	1932	1890	1902	1912	1922	1932
Grand total	925,990	1,630,070	3,475,954	7,754,196	15,215,881	14.79	20.74	35.81	71.61	122.29
New England	128,089	226,516	285,391	440,261	708,067	27.25	38.46	43.03	57.82	85.89
Maine	12,130	12,261	21,543	29,551	37,310	18.35	17.49	28.42	38.21	46.64
New Hampshire	5,457	9,862	9,345	13,105	25,230	14.49	23.56	21.40	30.47	53.91
Vermont	3,637	4,854	6,411	9,882	17,635	10.94	14.03	17.81	28.04	48.99
Massachusetts	74,283	143,799	187,578	252,946	373,744	33.18	49.85	52.86	63.66	87.12
Rhode Island	12,619	25,530	25,589	39,901	93,546	36.52	56.84	44.15	64.32	134.41
Connecticut	19,963	30,210	44,925	94,866	160,592	26.75	32.11	38.01	66.09	98.52
Middle Atlantic	314,739	637,311	1,461,733	2,363,566	5,241,045	24.78	39.62	71.06	103.15	196.53
New York	199,455	429,185	1,046,227	1,497,278	3,014,165	33.25	56.56	107.71	140.63	235.26
New Jersey	48,311	81,204	169,527	365,817	1,089,033	33.43	40.85	61.66	111.42	269.56
Pennsylvania	66,973	126,922	245,979	500,471	1,137,847	12.74	19.49	30.34	55.72	117.01
East North Central	140,270	271,361	528,510	1,553,109	3,056,560	10.41	16.48	27.84	70.13	119.00
Ohio	68,930	112,545	234,525	639,300	867,341	17.41	26.45	47.23	107.20	128.74
Indiana	15,904	31,914	66,053	150,467	194,304	7.25	12.36	23.93	60.43	59.42
Illinois	40,657	78,500	137,208	350,189	1,069,140	10.03	15.65	23.24	52.58	138.01
Michigan	11,634	28,272	52,908	310,844	721,724	5.59	11.42	18.02	80.84	145.45
Wisconsin	8,145	20,070	37,816	102,359	204,051	4.83	9.41	15.63	38.00	68.70
West North Central	138,308	168,670	274,790	776,862	1,012,068	15.56	15.94	22.94	60.97	75.88
Minnesota	23,812	38,929	69,018	249,300	244,956	18.29	21.12	31.04	101.70	94.87
Iowa	11,025	17,390	35,069	150,157	225,496	5.77	7.82	15.78	61.52	91.00
Missouri	39,708	46,031	56,951	87,820	230,962	14.85	14.42	16.98	25.58	63.24
North Dakota	3,139	4,640	12,441	34,353	31,206	17.18	12.67	18.83	51.95	45.52
South Dakota	5,742	6,127	12,315	35,123	35,577	17.46	14.48	19.15	54.25	50.90
Nebraska	15,283	20,410	36,371	96,717	109,577	14.43	19.13	29.50	73.14	79.06
Kansas	30,509	35,143	52,625	123,392	134,294	27.69	23.99	31.22	69.11	70.98
South Atlantic	95,235	167,564	208,253	619,586	1,546,501	10.75	9.99	15.94	44.88	96.80
Delaware	2,031	3,383	6,097	16,617	27,016	12.06	17.99	29.31	72.42	112.57
Maryland	33,741	25,701	52,212	98,825	220,970	32.37	21.12	39.25	66.53	139.38
District of Columbia	19,781	14,540	9,061	156		85.86	50.42	26.03	.36	
Virginia	16,610	23,934	39,887	97,359	155,259	10.03	12.64	18.73	41.14	63.81
West Virginia	2,348	4,768	11,195	46,331	65,200	3.08	4.78	8.57	30.26	37.13
North Carolina	3,414	8,593	26,285	147,993	368,213	2.11	4.41	11.39	55.91	113.93
South Carolina	6,342	9,021	15,097	56,281	93,715	5.51	6.55	9.60	32.59	53.74
Georgia	9,823	13,410	25,614	58,619	94,497	5.35	5.85	9.36	19.74	32.47
Florida	1,145	4,214	17,805	97,400	512,631	2.92	7.52	21.90	95.11	337.48
East South Central	36,636	55,176	123,973	313,569	598,180	5.70	7.10	14.61	34.84	59.88
Kentucky	17,762	20,550	25,588	42,774	97,194	9.56	9.32	10.95	17.51	36.89
Tennessee	9,848	14,733	47,287	114,195	229,464	5.57	7.11	21.13	48.20	86.75
Alabama	6,518	14,366	20,930	59,965	128,480	4.31	7.59	13.37	24.83	47.99
Mississippi	2,508	5,527	24,168	96,635	143,042	1.95	3.45	12.88	53.97	70.39
West South Central	35,339	63,715	211,066	676,053	1,288,834	7.78	9.25	22.18	64.00	104.17
Arkansas	2,157	3,034	12,577	88,558	91,440	1.91	2.25	7.58	49.51	49.03
Louisiana	17,327	24,184	61,461	112,117	278,668	15.49	16.86	35.21	61.10	129.77
Oklahoma		[1] 4,040	53,790	125,180	182,646		4.50	27.74	59.48	75.07
Texas	15,855	32,457	83,238	350,198	738,074	7.09	10.11	19.95	72.44	124.19
Mountain	19,003	45,463	99,497	322,230	436,308	16.43	25.75	33.78	91.98	116.64
Montana	2,751	7,717	16,633	57,650	61,953	20.82	29.30	30.68	97.40	115.24
Idaho	1,376	3,560	11,987	54,520	71,489	16.30	20.18	31.64	119.43	160.29
Wyoming	1,327	2,266	4,202	15,117	37,441	21.87	23.54	25.73	73.52	163.50
Colorado	7,811	18,269	36,473	87,179	122,758	18.95	32.34	41.29	89.91	117.36
New Mexico	1,662	3,581	6,444	20,056	25,536	12.77	17.70	17.41	54.42	59.39
Arizona	2,181	3,492	7,324	42,233	68,101	36.58	26.89	31.73	117.02	152.09
Utah	767	5,638	13,859	40,222	40,455	3.69	19.45	34.24	85.89	78.71
Nevada	828	940	2,575	5,253	8,575	18.09	22.21	27.19	67.87	93.21
Pacific	18,371	54,294	274,741	688,970	1,328,328	9.82	21.53	57.61	117.60	156.99
Washington	2,846	28,285	94,415	155,872	209,174	8.14	51.40	70.21	110.83	132.05
Oregon	2,478	11,066	43,797	98,111	165,461	7.90	25.57	57.86	121.27	170.40
California	13,047	14,943	136,529	434,987	953,693	10.80	9.71	51.18	119.40	161.48

[1] Includes $853,000 indebtedness of local governments in Indian Territory reported separately in 1902.

Source: Bureau of the Census, Department of Commerce.

No. 219.—DEBT OF LOCAL GOVERNMENTS BY CLASSES OF CIVIL DIVISIONS: GROSS DEBT LESS SINKING FUND ASSETS, 1932

NOTE.—All figures in thousands of dollars. For combined total, see Table 218

Division and State	Counties	Cities, towns, villages, and boroughs	Other local	Division and State	Counties	Cities, towns, villages, and boroughs	Other local
Grand total	2, 390, 830	3, 842, 189	3, 982, 862	South Atlantic—Con.			
				Virginia	30, 290	124, 021	942
New England	17, 213	595, 840	95, 004	West Virginia	34, 245	15, 422	15, 533
Maine	2, 713	16, 227	18, 370	North Carolina	158, 859	164, 860	44, 494
New Hampshire	1, 648	13, 738	9, 844	South Carolina	31, 242	43, 562	18, 911
Vermont	140	8, 794	8, 701	Georgia	34, 670	42, 844	16, 983
Massachusetts	9, 774	360, 739	3, 231	Florida	93, 990	252, 512	160, 129
Rhode Island		93, 107	439				
Connecticut	2, 938	103, 235	54, 419	East South Central	256, 402	298, 020	43, 758
				Kentucky	33, 202	53, 205	10, 787
Middle Atlantic	584, 652	3, 759, 016	997, 377	Tennessee	104, 322	119, 412	5, 730
New York	228, 511	2, 404, 909	320, 745	Alabama	45, 730	82, 750	
New Jersey	171, 128	636, 739	281, 166	Mississippi	73, 148	42, 653	27, 241
Pennsylvania	185, 013	657, 368	205, 466				
				West South Central	258, 393	467, 497	562, 944
East North Central	421, 871	1, 630, 793	1, 004, 096	Arkansas	5, 829	5, 700	79, 917
Ohio	146, 038	461, 579	269, 724	Louisiana	11, 121	109, 727	155, 820
Indiana	42, 140	47, 455	104, 709	Oklahoma	43, 570	77, 855	61, 221
Illinois	75, 717	490, 218	503, 205	Texas	197, 873	274, 215	265, 986
Michigan	76, 918	522, 978	121, 828				
Wisconsin	80, 858	108, 563	14, 630	Mountain	55, 303	148, 969	232, 036
				Montana	15, 113	15, 599	31, 241
West North Central	272, 222	433, 212	306, 634	Idaho	8, 890	10, 372	52, 227
Minnesota	67, 926	133, 446	43, 584	Wyoming	1, 566	12, 684	23, 191
Iowa	121, 762	42, 344	61, 390	Colorado	3, 190	61, 510	58, 053
Missouri	37, 279	117, 043	76, 040	New Mexico	3, 965	9, 531	12, 040
North Dakota	3, 777	13, 622	13, 807	Arizona	16, 636	18, 822	32, 643
South Dakota	6, 263	10, 006	19, 308	Utah	4, 117	18, 679	17, 659
Nebraska	5, 455	48, 261	54, 331	Nevada	1, 826	1, 772	4, 977
Kansas	28, 730	67, 890	37, 674				
				Pacific	92, 151	669, 234	566, 943
South Atlantic	432, 623	839, 008	274, 070	Washington	21, 008	118, 161	70, 005
Delaware	9, 635	16, 073	1, 308	Oregon	26, 059	78, 029	61, 373
Maryland	30, 886	180, 314	9, 770	California	45, 084	473, 044	435, 565

No. 220.—DEBT OF STATE GOVERNMENTS: GROSS DEBT, SINKING FUND ASSETS, AND DEBT LESS SINKING FUND OF THE 48 STATES COMBINED

[All figures except per capita in thousands of dollars]

Year	Gross debt					Sinking-fund assets	Gross debt less total sinking-fund assets		Funded and floating, less assets in general sinking funds	
	Total	Funded or fixed [1]	Floating		Current [1 2]		Amount	Per capita	Amount	Per capita
			Debt to public trust funds	Other floating [3]						
1880	306, 017	261, 096	25, 723		19, 198	31, 271	274, 746	$5. 48		
1890	268, 105	204, 641	33, 642		19, 912	40, 085	211, 210	3. 37		
1902 [4]	274, 149	163, 819	40, 803		69, 522	34, 859	[5] 239, 369	3. 03		
1905	278, 135	228, 831	38, 252		11, 052	39, 265	238, 870	2. 85		
1910	322, 949	271, 607	39, 486		11, 856	66, 814	[5] 256, 143	2. 78		
1912	422, 797	290, 494	38, 530		93, 773	76, 981	[5] 345, 942	3. 57		
1915	532, 713	403, 156	33, 508	147	95, 902	88, 038	444, 675	4. 52	369, 246	$3. 75
1919	693, 623	547, 346	40, 648	612	105, 017	140, 677	546, 946	5. 20	[5] 466, 875	4. 44
1922	1, 162, 648	935, 859	42, 368		134, 721	227, 105	935, 543	8. 64	[5] 833, 580	7. 70
1924	1, 592, 643	1, 358, 932	43, 459	1, 490	188, 762	310, 942	1, 281, 701	11. 52	1, 130, 094	10. 16
1925	1, 745, 661	1, 508, 127	46, 306	1, 225	189, 993	346, 087	1, 398, 964	12. 42	1, 248, 602	11. 09
1926	1, 858, 037	1, 609, 764	39, 035	13, 143	195, 495	378, 056	1, 479, 981	12. 77	[6] 1, 327, 514	11. 46
1927	1, 995, 428	1, 725, 729	39, 378	34, 903	195, 418	401, 697	1, 593, 731	13. 59	1, 444, 927	12. 32
1928	2, 144, 332	1, 867, 291	38, 476	42, 191	196, 374	410, 555	1, 733, 777	14. 61	[5] 1, 584, 565	13. 35
1929	2, 300, 057	1, 971, 170	37, 668	46, 677	244, 542	443, 751	1, 856, 306	15. 38	1, 689, 575	14. 04
1930	2, 444, 122	2, 094, 495	37, 885	106, 226	205, 516	449, 910	1, 994, 212	16. 35	1, 833, 428	15. 03
1931	2, 660, 070	2, 259, 078	37, 769	129, 455	239, 768	496, 293	2, 169, 777	17. 61	1, 976, 844	16. 04
1932 [4]	2, 895, 845	[7] 2, 499, 416	(8)	(8)	396, 429	534, 887	2, 360, 958	19. 07	(8)	(8)

[1] Prior to 1925, contingent or special assessment debt was included with funded and fixed debt. In this table, it has been excluded from funded and fixed and included with current debt, except for 1880, *1890*, *1905*, and *1910*, when no segregation could be made.

[2] Includes special assessment debt, revenue bonds and notes, and warrants.

[3] Not segregated prior to 1915; included with funded and fixed.

[4] Revised figures.

[5] There was an excess of sinking fund assets over debt in one State.

[6] Includes figures for the fiscal year 1931 for 18 States. See Table 221.

[7] Funded or fixed includes floating.

[8] Not computed.

Source of tables 219 and 220: Bureau of the Census, Department of Commerce.

No. 221.—DEBT OF STATE GOVERNMENTS: GROSS DEBT LESS SINKING FUND ASSETS

Division and State	Total (thousands of dollars)					Per capita (dollars)				
	1902	1912	1922	1931	1932	1902	1912	1922	1931	1932
Grand total	[1] 234,965	345,942	935,544	2,189,784	2,360,958	2.99	3.57	8.64	17.61	19.07
New England	74,961	95,570	110,458	120,955	123,040	13.06	13.92	14.53	14.73	14.95
Maine	2,785	1,255	12,906	24,176	27,219	3.97	1.67	16.69	30.26	34.02
New Hampshire	1,551	1,956	3,018	6,505	[2] 6,505	3.71	4.50	6.77	13.96	[2] 13.96
Vermont	363	570	2,112	9,982	9,545	1.05	1.58	5.09	27.73	26.51
Massachusetts	65,964	79,551	76,996	62,856	[2] 62,856	22.87	22.78	19.38	14.69	[2] 14.69
Rhode Island	2,620	5,127	9,338	16,722	16,807	5.83	9.02	15.05	24.16	24.15
Connecticut	1,678	7,111	6,088	714	108	1.78	6.12	4.24	.44	.07
Middle Atlantic	8,578	86,947	252,865	443,441	601,124	.53	4.22	11.04	16.78	22.55
New York	8,187	86,205	136,542	307,302	403,068	1.08	9.05	17.52	24.20	30.14
New Jersey	[3]	642	16,355	56,904	62,198	------	.24	4.98	13.93	15.05
Pennsylvania	389	[3]	49,968	79,235	75,858	.08	------	5.56	8.19	7.81
East North Central	13,593	13,105	99,446	279,058	295,596	1.13	.95	4.49	10.94	11.52
Ohio	4,685	5,142	30,143	7,696	[2] 7,696	1.10	1.05	5.05	1.15	[2] 1.15
Indiana	2,914	1,350	2,325	4,780	[2] 4,780	1.13	.49	.78	1.45	[2] 1.45
Illinois	2,155	2,273	13,880	198,321	221,404	.43	.39	2.08	25.80	28.58
Michigan	6,566	7,089	50,934	67,047	60,582	2.65	2.41	13.25	13.68	12.21
Wisconsin	2,278	2,251	2,194	1,264	1,184	1.07	.93	.80	.43	.40
West North Central	10,233	8,180	74,661	179,008	208,208	.97	.68	5.96	13.42	15.20
Minnesota	1,755	1,345	20,308	15,823	40,156	.95	.63	8.23	6.15	15.55
Iowa	50	357	1,457	16,760	16,495	.02	.16	.60	6.77	6.66
Missouri	4,366	4,671	30,456	103,302	[2] 103,302	1.37	1.40	8.87	28.33	[2] 28.33
North Dakota	968	820	5,913	4,137	5,005	2.64	1.29	8.94	6.06	7.32
South Dakota	457	370	15,431	14,805	15,510	1.08	.58	23.64	21.27	22.19
Nebraska	2,005	374	1,038	1,447	929	1.88	.31	.78	1.05	.67
Kansas	632	243	78	22,734	21,810	.43	.14	.04	12.05	11.53
South Atlantic	51,645	51,942	123,630	426,632	401,044	4.86	4.07	9.85	27.71	25.92
Delaware	762	763	5,834	3,241	2,072	4.05	3.70	25.55	13.56	8.63
Maryland	4,943	7,334	22,129	31,198	[2] 31,198	4.06	5.56	14.90	18.99	[2] 18.99
Virginia [4]	23,546	22,043	21,756	27,077	25,983	12.76	10.46	9.19	11.16	10.68
West Virginia [4]	------	------	24,181	85,353	86,394	------	------	15.97	49.00	49.20
North Carolina	6,755	8,059	34,713	176,274	164,534	3.47	3.54	13.11	55.07	50.91
South Carolina	6,730	6,190	8,729	77,984	[2] 77,984	4.88	3.98	5.05	44.74	[2] 44.74
Georgia	7,876	6,934	5,419	12,488	[2] 12,488	3.44	2.57	1.82	4.29	[2] 4.29
Florida	1,083	619	869	[5] 13,017	391	1.84	.77	.85	[5] 8.72	.26
East South Central	35,880	33,846	56,984	220,128	228,918	4.62	3.89	6.33	22.14	22.96
Kentucky	2,291	4,441	7,745	13,712	10,224	1.04	1.90	3.17	5.23	6.16
Tennessee	17,985	11,812	19,142	87,755	94,032	8.68	5.32	8.08	33.37	35.55
Alabama	12,727	13,132	15,233	82,342	[2] 82,342	6.73	5.95	6.36	30.90	[2] 30.90
Mississippi	2,877	4,461	14,864	36,319	[2] 36,319	1.79	2.41	8.30	17.94	[2] 17.94
West South Central	19,287	26,369	28,493	265,585	269,921	2.80	2.77	2.70	21.61	21.95
Arkansas	1,191	1,236	2,722	100,087	104,423	.88	.76	1.52	86.07	88.16
Louisiana	13,593	13,546	14,829	83,743	[2] 83,743	9.48	7.89	8.03	39.41	[2] 39.41
Oklahoma	510	6,931	4,797	11,438	[2] 11,438	1.10	3.74	2.28	4.74	[2] 4.74
Texas	3,993	4,656	6,145	10,317	[2] 10,317	1.24	1.14	1.27	1.75	[2] 1.75
Mountain	11,322	13,273	50,546	51,037	50,739	6.41	4.51	14.43	13.71	13.59
Montana	1,204	1,513	7,579	8,805	9,316	4.57	3.73	12.80	16.49	17.33
Idaho	324	2,143	7,673	6,961	[2] 6,961	1.84	5.92	16.81	15.61	[2] 15.61
Wyoming	301	122	4,011	5,568	[2] 5,568	3.12	.77	19.50	24.42	[2] 24.42
Colorado	3,797	3,174	12,019	7,804	6,747	6.72	3.70	12.33	7.50	6.45
New Mexico	999	1,218	4,954	11,116	11,407	4.04	3.41	13.44	26.08	26.53
Arizona	3,099	3,065	2,740	3,677	[2] 3,677	23.86	13.28	7.59	8.34	[2] 8.34
Utah	974	1,430	9,819	5,682	5,694	3.36	3.62	20.97	11.12	11.08
Nevada	624	608	1,751	1,370	[2] 1,370	14.70	6.70	22.62	14.89	[2] 14.89
Pacific	4,463	11,210	138,441	183,940	187,368	1.77	2.48	23.83	22.09	22.17
Washington	1,272	1,556	13,191	13,218	8,257	2.31	1.21	9.38	8.41	5.22
Oregon	236	31	39,983	33,388	[2] 33,388	.54	.04	49.42	34.60	[2] 34.60
California	2,955	10,223	85,267	137,334	145,723	1.92	3.83	23.41	23.72	24.67

[1] Revised figure $239,369,000, not distributed by States.
[2] Data for the fiscal year 1931.
[3] Sinking fund assets exceed total debt.
[4] Virginia-West Virginia debt settlement not made until 1919.
[5] Includes debt incurred for drainage and reclamation purposes, amounting to $11,723,000, which is to be met from assessments on benefited areas and which was reported as county debt for 1932. Excluding this special-assessment debt, the total State debt for 1931 was $1,320,000, per capita, $0.88.

Source: Bureau of the Census, Department of Commerce.

No. 222.—DEBT OF STATE GOVERNMENTS: FUNDED, FLOATING, AND SPECIAL ASSESSMENT DEBT AT CLOSE OF YEAR, BY PURPOSE FOR WHICH INCURRED, 1931 [1]

NOTE.—*All figures in thousands of dollars.* The classification by purpose for many States is more or less imperfect owing to defective records of these States. The column "Other general purposes" includes, besides special-assessment indebtedness and debts which from their nature were not assignable to any of the specific classes shown, debt for which the purpose of issue could not be determined

Division and State	Total	General government purposes	Agricultural purposes	Highways		Charities, hospitals, and corrections [2]	Schools	Soldiers' and sailors' aid and homes	Other general purposes	For public service enterprises and investments
				Roadways	All other					
Grand total	2,534,297	42,663	4,123	1,256,388	169,228	82,757	56,528	225,498	402,242	294,870
New England	198,922	5,984	-------	21,254	10,530	2,348	2,137	3,645	135,292	17,732
Maine	24,388	-------	-------	14,391	3,165	50	218	301	1,413	4,850
N. Hampshire	6,516	-------	-------	3,500	-------	476	91	-------	2,449	-------
Vermont	9,182	40	-------	-------	-------	-------	568	844	7,650	80
Massachusetts	120,891	566	-------	1,713	2,774	1,523	-------	-------	102,355	11,960
Rhode Island	21,554	5,378	-------	1,650	4,591	299	1,260	2,500	5,134	842
Connecticut	16,291	-------	-------	-------	-------	-------	-------	-------	16,291	-------
Middle Atlantic	623,271	14,546	-------	265,453	151,440	70,712	2,915	44,400	36,605	42,200
New York	420,077	14,546	-------	106,232	151,440	70,712	2,316	32,400	36,231	6,200
New Jersey	118,216	-------	-------	70,000	-------	-------	-------	12,000	216	36,000
Pennsylvania	89,978	-------	-------	89,221	-------	-------	599	-------	158	-------
E. N. Central	299,860	-------	1,950	196,070	7,000	400	1,977	74,385	18,068	12
Ohio	8,046	-------	-------	-------	-------	-------	-------	2,500	5,546	-------
Indiana	3,278	-------	950	-------	-------	400	1,928	-------	-------	-------
Illinois	196,836	-------	-------	146,070	7,000	-------	49	41,885	1,820	12
Michigan	90,436	-------	1,000	50,000	-------	-------	-------	30,000	9,436	-------
Wisconsin	1,264	-------	-------	-------	-------	-------	-------	-------	1,264	-------
W. N. Central	306,254	75	-------	97,500	186	-------	1,728	54,532	9,136	143,097
Minnesota	71,152	75	-------	9,000	-------	-------	812	150	2,150	58,965
Iowa	16,182	-------	-------	-------	-------	-------	630	13,202	2,350	-------
Missouri	104,365	-------	-------	88,500	-------	-------	286	11,080	4,399	-------
North Dakota	40,357	-------	-------	-------	-------	-------	-------	-------	-------	40,357
South Dakota	49,961	-------	-------	-------	186	-------	-------	6,000	-------	43,775
Nebraska	237	-------	-------	-------	-------	-------	-------	-------	237	-------
Kansas	23,500	-------	-------	-------	-------	-------	-------	23,500	-------	-------
South Atlantic	420,721	709	-------	283,895	-------	387	21,023	-------	108,207	6,000
Delaware	3,741	-------	-------	2,905	-------	275	561	-------	-------	-------
Maryland	32,096	-------	-------	18,886	-------	52	653	-------	12,505	-------
Virginia	27,589	-------	-------	6,428	-------	-------	3,413	-------	17,748	-------
West Virginia	86,376	-------	-------	81,085	-------	-------	-------	-------	5,291	-------
North Carolina	179,691	250	-------	110,250	-------	560	16,286	-------	49,946	1,800
South Carolina	69,973	459	-------	64,341	-------	-------	-------	-------	5,173	-------
Georgia	9,552	-------	-------	-------	-------	-------	111	-------	5,241	4,200
Florida	12,303	-------	-------	-------	-------	-------	-------	-------	12,303	-------
E. S. Central	188,952	1,355	-------	90,059	-------	4,050	7,055	-------	62,583	23,850
Kentucky	2,492	-------	-------	-------	-------	-------	5	-------	2,487	-------
Tennessee	87,019	1,355	-------	47,200	-------	550	5,144	-------	18,920	13,850
Alabama	66,535	-------	-------	42,859	-------	-------	306	-------	13,370	10,000
Mississippi	32,906	-------	-------	-------	-------	3,500	1,600	-------	27,806	-------
W. S. Central	236,459	5,000	-------	185,619	-------	2,377	2,552	13,036	19,865	8,010
Arkansas	156,857	-------	-------	133,859	-------	1,517	1,507	9,447	2,017	7,910
Louisiana	73,454	5,000	-------	51,760	-------	860	-------	3,589	12,245	-------
Oklahoma	1,673	-------	-------	-------	-------	-------	672	-------	1,001	-------
Texas	4,475	-------	-------	-------	-------	-------	373	-------	4,002	100
Mountain	47,001	4,448	-------	28,648	72	1,983	5,626	-------	6,226	-------
Montana	5,589	589	-------	-------	-------	1,250	3,750	-------	-------	-------
Idaho	4,334	1,070	-------	1,821	-------	380	897	-------	157	-------
Wyoming	4,245	-------	-------	4,245	-------	-------	-------	-------	-------	-------
Colorado	8,062	-------	-------	5,830	-------	-------	-------	-------	2,232	-------
New Mexico	11,527	239	-------	9,090	72	-------	594	-------	1,532	-------
Arizona	1,588	-------	-------	-------	-------	-------	-------	-------	1,588	-------
Utah	10,635	2,550	-------	7,200	-------	-------	300	-------	525	-------
Nevada	1,021	-------	-------	400	-------	344	85	-------	192	-------
Pacific	207,867	10,548	2,173	87,892	-------	-------	11,515	35,500	6,262	53,969
Washington	13,000	4,000	-------	-------	-------	-------	-------	9,000	-------	-------
Oregon	58,760	346	2,173	28,432	-------	-------	746	26,500	43	450
California	136,107	6,200	-------	59,460	-------	-------	10,769	-------	6,219	53,519

[1] Data not compiled for 1932.
[2] Includes tuberculosis hospital.

Source: Bureau of the Census, Department of Commerce.

No. 223.—REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF CITIES OF 100,000 OR MORE INHABITANTS: BY SIZE GROUPS, 1933

	Amount (thousands of dollars)				Per capita			
	Total	Over 500,000	300,000–500,000	100,000–300,000	Total	Over 500,000	300,000–500,000	100,000–300,000
Revenue receipts, total	2,506,724	1,662,233	334,135	510,356	$66.88	$77.42	$65.48	$46.79
From taxes, total	1,720,358	1,144,161	229,769	346,428	45.90	53.30	45.03	31.76
General property	1,612,640	1,076,681	211,141	324,818	43.02	50.15	41.38	29.78
Special property	5,624	2,735	296	2,593	.15	.13	.06	.24
Other special taxes	13,752	9,400	1,072	3,280	.37	.44	.21	.30
Business and nonbusiness license	86,180	54,942	17,036	14,202	2.30	2.56	3.34	1.30
Poll	2,162	403	224	1,535	.06	.02	.04	.14
Special assessments and special charges for outlays	59,581	33,959	9,150	16,472	1.59	1.58	1.79	1.51
Fines, forfeits, and escheats	6,690	4,105	918	1,667	.18	.19	.18	.15
Subventions and grants	273,288	185,670	36,308	51,310	7.29	8.65	7.12	4.70
Donations, gifts, and pension assessments	36,093	27,262	4,248	4,583	.96	1.27	.83	.42
Highway privileges, rents of investment property, and interest	109,984	85,796	11,686	12,502	2.93	4.00	2.29	1.15
Earnings of general departments	62,472	36,992	10,848	14,632	1.67	1.72	2.13	1.34
Earnings of public service enterprises	238,258	144,288	31,208	62,762	6.36	6.72	6.12	5.75
Governmental-cost payments, total	2,464,319	1,639,896	334,970	489,453	65.75	76.38	65.64	44.87
Operation, maintenance, and interest, total	2,197,323	1,460,368	290,100	446,855	58.62	68.02	56.85	40.97
Operation and maintenance, total	1,842,307	1,222,254	242,946	377,107	49.15	56.93	47.61	34.57
General departments, total	1,727,043	1,150,821	226,110	350,112	46.08	53.60	44.31	32.10
General government	142,296	104,758	18,948	18,590	3.80	4.88	3.71	1.70
Protection to person and property	298,852	196,448	38,241	64,163	7.97	9.15	7.49	5.88
Health and sanitation	138,921	94,942	18,126	25,853	3.71	4.42	3.55	2.37
Highways	110,652	69,909	17,047	23,696	2.95	3.26	3.34	2.17
Charities, hospitals, and corrections	292,212	206,280	39,191	46,741	7.80	9.61	7.68	4.28
Education:								
Schools	542,034	333,252	71,453	137,329	14.46	15.52	14.00	12.59
Libraries	19,744	11,420	3,031	5,293	.53	.53	.59	.49
Recreation	60,097	42,834	6,604	10,659	1.60	2.00	1.29	.98
Miscellaneous	122,235	90,978	13,469	17,788	3.26	4.24	2.64	1.63
Public service enterprises	115,264	71,433	16,836	26,995	3.08	3.33	3.30	2.47
Interest	355,016	238,114	47,154	69,748	9.47	11.09	9.24	6.39
Outlays for permanent improvements	266,996	179,528	44,870	42,598	7.12	8.36	8.79	3.91

No. 224.—COMPARATIVE SUMMARY OF PER CAPITA NET REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS, AND DEBT OF 146 CITIES

NOTE.—See headnote, table 209. Table includes all cities of 30,000 or more inhabitants in 1903. Data for all cities included were not compiled for 1932

Year	Per capita revenue receipts[1]			Per capita governmental-cost payments for operation, maintenance, and interest[1]					Per capita net debt[2]
	Total	Other than of public-service enterprises	Of public-service enterprises	Total	Operation and maintenance			Interest	
					Total	Of general departments	Of public-service enterprises		
1903	$21.14	$18.71	$2.42	$16.41	$14.35	$13.25	$1.10	$2.06	$44.71
1909	26.42	23.53	2.89	20.14	17.28	16.06	1.22	2.86	61.21
1915	30.00	26.97	3.03	23.92	20.34	18.95	1.39	3.58	77.86
1919	35.26	31.65	3.61	28.07	24.18	22.28	1.90	3.89	81.18
1922	53.57	48.74	4.83	42.93	37.14	34.37	2.77	5.79	97.57
1924	58.41	52.42	6.00	45.62	40.42	36.89	3.53	5.20	110.09
1926	66.14	59.55	6.60	50.30	44.27	40.51	3.76	6.03	128.13
1927	69.77	63.09	6.67	52.64	46.25	42.44	3.81	6.38	134.27
1928	72.11	65.46	6.65	54.43	47.79	44.04	3.75	6.64	139.63
1929	69.63	62.81	6.82	55.84	48.88	45.16	3.72	6.97	144.33
1930	73.32	66.40	6.92	57.70	50.40	46.69	3.71	7.29	153.02
1931	72.96	66.30	6.66	59.83	52.29	48.65	3.64	7.54	159.70

[1] Service transfers and interest transfers included in the amounts for the year 1922.
[2] Net debt is funded and floating debt less assets in general sinking funds.

Source of tables 223 and 224: Bureau of the Census, Department of Commerce.

No. 225.—REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS AND NET

NOTE.—All figures in thousands of dollars. Net debt is

City number in order of size	City	Revenue receipts								Governmental-cost payments	
			Taxes			Special assessments and charges for outlays	Earnings of—				
		Total	General property	License	Other		General departments	Public service enterprises	All other	Total	Operation, maintenance, and interest, total
1	New York, N. Y.	681,875	440,998	22,423	4,272	9,453	7,607	30,742	157,320	684,800	614,136
2	Chicago, Ill.	214,488	157,185	9,596	------	7,025	7,873	12,588	20,221	191,840	174,956
3	Philadelphia, Pa.	125,138	85,909	1,619	68	44	3,131	6,570	27,797	111,577	107,494
4	Detroit, Mich.	111,632	64,641	1,999	108	2,184	4,636	17,858	20,206	97,203	93,444
5	Los Angeles, Calif.	111,451	68,193	3,888	------	5,744	2,596	26,140	14,920	123,562	94,887
6	Cleveland, Ohio	56,761	31,206	3,001	119	1,051	1,811	8,514	11,059	59,462	53,785
7	St. Louis, Mo.	43,789	28,131	2,585	------	3,998	1,650	4,253	3,172	49,783	30,219
8	Baltimore, Md.	53,159	30,885	2,420	753	747	961	4,956	12,437	45,958	41,029
9	Boston, Mass.	74,376	51,026	1,705	4,863	523	2,122	4,628	9,509	82,344	71,755
10	Pittsburgh, Pa.	45,589	36,997	1,064	97	143	1,084	2,855	3,349	44,367	40,524
11	San Francisco, Calif.	50,576	30,146	2,184	------	298	1,183	11,482	5,284	54,863	45,526
12	Milwaukee, Wis.	46,233	20,928	853	1,782	1,673	1,524	2,274	8,199	42,410	37,405
13	Buffalo, N. Y.	47,136	31,437	1,605	476	1,076	754	2,428	9,360	51,727	49,208
14	Washington, D. C.	41,524	23,360	5,556	5	422	992	1,901	9,288	41,510	33,185
15	Minneapolis, Minn.	26,857	18,056	367	55	1,927	610	1,432	4,210	24,646	23,193
16	New Orleans, La.	24,093	16,618	1,228	122	1,559	804	2,076	1,686	23,152	18,316
17	Cincinnati, Ohio	39,162	22,001	1,799	807	1,274	1,986	2,353	8,942	34,294	28,934
18	Newark, N. J.	32,480	20,770	2,111	252	305	1,388	2,158	5,496	39,543	34,455
19	Kansas City, Mo.	21,256	15,138	1,480	------	471	652	2,099	1,416	24,899	19,009
20	Seattle, Wash.	30,179	15,186	536	------	172	584	10,687	3,014	28,889	25,328
21	Indianapolis, Ind.	17,951	14,363	259	60	68	458	38	2,699	15,681	15,016
22	Rochester, N. Y.	28,519	17,901	927	131	1,773	679	1,387	5,721	28,977	25,602
23	Jersey City, N. J.	23,586	16,185	1,150	154	101	820	1,923	3,253	27,099	26,281
24	Houston, Tex.	14,125	10,025	259	------	1	588	1,602	1,650	11,240	10,742
25	Louisville, Ky.	13,193	9,299	526	------	71	833	1,618	846	14,801	12,211
26	Portland, Oreg.	21,410	12,239	838	------	1,006	454	1,934	4,939	20,239	17,325
27	Columbus, Ohio	13,671	6,605	732	123	877	267	1,835	3,232	13,357	12,219
28	Toledo, Ohio	12,469	6,850	726	97	886	328	1,147	2,435	12,781	12,522
29	Oakland, Calif.	16,074	8,601	286	------	132	349	3,317	3,389	15,745	14,046
30	Denver, Colo.	16,717	11,152	493	------	1,352	718	2,423	579	16,060	14,974
31	Atlanta, Ga.	9,139	6,257	676	84	441	281	1,718	682	8,599	8,108
32	St. Paul, Minn.	11,899	7,419	586	10	949	213	1,048	1,674	11,948	10,598
33	Dallas, Tex.	10,901	6,473	42	------	188	357	1,358	2,483	11,488	9,109
34	Birmingham, Ala.	6,620	3,310	902	23	1,062	160	9	1,154	5,803	5,472
35	Akron, Ohio	10,103	5,552	598	------	721	262	1,044	1,916	9,355	8,988
36	Memphis, Tenn.	8,075	5,209	323	41	151	200	1,268	883	7,138	6,594
37	Providence, R. I.	17,926	12,653	144	52	272	430	1,673	2,702	16,465	15,598
38	San Antonio, Tex.	7,425	5,136	37	------	3	124	1,004	1,121	6,240	5,466
39	Omaha, Nebr.	11,147	6,527	207	------	510	243	3,005	655	9,966	9,240
40	Syracuse, N. Y.	13,868	7,659	303	108	1,259	193	800	3,546	15,003	12,811
41	Dayton, Ohio	9,257	5,559	482	51	498	214	815	1,638	9,110	7,813
42	Oklahoma City, Okla.	8,887	6,685	182	------	33	231	884	872	5,673	5,424
43	Worcester, Mass.	14,019	9,756	76	980	261	875	847	1,224	13,594	11,453
44	Richmond, Va.	9,482	5,385	590	62	169	169	2,021	1,086	9,030	8,607
45	Youngstown, Ohio	6,971	4,066	311	5	233	106	622	1,628	7,526	6,678
46	Grand Rapids, Mich.	7,896	4,900	65	------	633	428	844	1,026	8,987	7,662
47	Fort Worth, Tex.	5,936	4,035	17	------	99	205	776	744	5,475	5,134
48	Hartford, Conn.	12,306	9,446	62	592	120	617	923	546	11,203	10,440
49	Flint, Mich.	7,762	4,786	19	------	283	442	490	1,742	5,667	5,467
50	New Haven, Conn.	10,193	8,771	73	118	33	527	2	669	9,029	8,696
51	San Diego, Calif.	7,354	4,048	143	------	95	102	1,658	1,803	8,332	6,549
52	Nashville, Tenn.	5,815	3,339	192	54	52	94	623	1,461	4,961	4,350
53	Long Beach, Calif.	9,028	4,138	194	------	34	155	2,440	2,067	9,319	8,114
54	Springfield, Mass.	11,211	7,662	99	901	88	860	956	645	11,074	10,512
55	Bridgeport, Conn.	7,780	7,008	45	108	9	410	15	190	8,518	8,175
56	Tulsa, Okla.	6,249	4,975	75	------	2	107	788	301	5,274	4,920
57	Des Moines, Iowa.	5,737	4,415	60	------	85	127	866	184	6,122	5,731
58	Scranton, Pa.	5,819	4,306	173	97	74	176	1	992	6,313	5,337
59	Salt Lake City, Utah.	5,130	3,321	107	------	197	108	562	835	4,883	4,621
60	Yonkers, N. Y.	12,779	9,266	182	71	289	117	585	2,269	13,450	12,045
61	Paterson, N. J.	7,314	4,427	592	59	59	323	1,132	722	7,972	7,414
62	Jacksonville, Fla.	6,825	2,145	136	3	65	66	3,779	631	6,079	5,830
63	Albany, N. Y.	9,449	6,656	167	62	607	120	815	1,122	9,082	8,096
64	Norfolk, Va.	6,634	3,952	529	12	18	122	897	1,104	5,616	5,551
65	Trenton, N. J.	6,421	3,747	443	56	67	133	559	1,416	6,822	6,767
66	Kansas City, Kans.	6,971	3,424	83	------	545	34	2,513	372	5,714	4,865
67	Chattanooga, Tenn.	3,149	2,061	82	40	64	167	13	722	3,273	3,049
68	Fort Wayne, Ind.	3,972	2,312	59	38	12	55	1,194	302	4,907	3,704

[1] Includes miscellaneous expenditures not shown separately.

[2] Less than $500.

DEBT OF INDIVIDUAL CITIES OF 120,000 OR MORE INHABITANTS: 1933

funded and floating debt less assets in general sinking funds

Governmental-cost payments—Continued													City number in order of size
Operation and maintenance of general departments									Operation and maintenance of public service enterprises	Interest	Outlays	Net debt	
Total [1]	General government	Protection to person and property	Health and sanitation	Highways	Charities, hospitals, and corrections	Education		Recreation					
						Schools	Libraries						
489, 529	43, 411	83, 569	45, 722	28, 101	78, 985	138, 236	2, 943	20, 535	20, 083	104, 524	70, 664	1, 835, 559	1
138, 105	15, 897	23, 840	11, 136	8, 956	16, 398	41, 526	1, 281	6, 374	6, 731	30, 120	16, 834	467, 936	2
78, 793	9, 123	14, 180	5, 156	6, 112	7, 467	28, 710	576	2, 087	1, 971	26, 730	4, 083	470, 026	3
68, 395	5, 108	12, 615	7, 117	3, 652	15, 466	19, 249	804	1, 149	12, 062	12, 987	3, 759	320, 557	4
72, 134	7, 306	12, 189	4, 026	5, 544	14, 355	23, 540	1, 145	2, 084	11, 288	11, 465	28, 675	224, 503	5
40, 714	3, 037	5, 178	2, 481	2, 002	13, 019	10, 937	1, 121	755	4, 495	8, 576	5, 677	148, 315	6
30, 522	3, 170	7, 625	2, 105	1, 095	3, 445	9, 803	473	1, 334	2, 450	3, 247	13, 504	72, 388	7
31, 511	2, 032	6, 812	2, 742	2, 726	6, 613	7, 793	434	770	1, 140	8, 378	4, 929	167, 664	8
69, 318	3, 963	9, 082	4, 784	3, 024	16, 482	14, 564	904	2, 106	2, 778	9, 159	10, 589	138, 273	9
32, 037	4, 194	4, 751	2, 556	2, 396	8, 606	10, 773	585	976	1, 756	6, 731	3, 843	134, 980	10
33, 524	2, 714	6, 453	1, 191	1, 228	9, 016	8, 484	296	1, 673	4, 551	7, 451	9, 337	161, 951	11
32, 944	1, 994	4, 417	3, 116	1, 612	9, 323	8, 962	336	1, 561	910	3, 551	5, 005	79, 605	12
42, 795	2, 713	5, 737	2, 810	2, 561	12, 105	10, 675	502	1, 330	1, 218	5, 195	2, 519	112, 731	13
32, 020	1, 681	5, 925	2, 621	2, 295	6, 206	8, 953	345	1, 570	1, 165	------	8, 325	------	14
19, 274	1, 363	2, 310	1, 383	1, 242	4, 760	6, 062	343	486	866	3, 053	1, 453	51, 710	15
11, 734	1, 487	3, 132	1, 298	1, 246	333	3, 384	76	233	1 649	4, 933	4, 836	82, 494	16
21, 969	1, 744	2, 606	1, 402	1, 820	4, 203	8, 011	343	353	1, 220	5, 745	5, 360	79, 339	17
26, 471	2, 174	5, 262	2, 690	821	3, 617	9, 361	375	598	987	6, 937	5, 038	121, 706	18
14, 550	1, 850	2, 015	1, 074	1, 768	1, 602	5, 056	258	629	1, 179	3, 280	5, 890	62, 695	19
14, 979	1, 640	2, 521	1, 086	2, 011	1, 332	4, 998	236	369	5, 845	5, 004	3, 061	89, 951	20
13, 357	860	2, 703	862	794	2, 467	4, 383	258	354	29	1, 639	665	32, 077	21
21, 264	1, 573	2, 479	1, 988	1, 435	4, 943	5, 877	133	730	693	3, 045	3, 375	63, 288	22
20, 756	1, 918	4, 418	1, 637	980	4, 304	5, 462	215	484	912	4, 616	815	78, 565	23
7, 079	908	1, 145	520	797	567	2, 901	77	100	757	2, 906	498	53, 916	24
9, 952	705	1, 740	980	848	1, 485	3, 440	152	310	637	1, 622	2, 500	33, 109	25
12, 705	1, 045	1, 985	585	990	3, 372	3, 563	220	329	906	3, 714	2, 914	60, 126	26
9, 241	352	1, 208	551	1, 153	1, 446	3, 426	56	363	822	2, 156	1, 138	27, 731	27
9, 773	466	1, 755	628	1, 010	1, 776	3, 124	213	144	775	1, 974	259	38, 815	28
10, 002	423	2, 255	406	651	41	5, 389	216	430	1, 075	2, 909	1, 699	58, 272	29
12, 137	1, 179	2, 001	667	1, 044	1, 211	4, 666	215	579	859	1, 978	1, 066	32, 346	30
6, 897	343	1, 403	698	439	701	2, 857	101	165	390	821	491	13, 355	31
7, 869	466	1, 800	386	550	702	3, 144	220	248	553	2, 176	1, 350	29, 343	32
6, 866	316	1, 241	468	280	1, 532	2, 633	57	220	503	1, 740	2, 379	36, 559	33
4, 236	182	934	274	286	103	2, 141	79	146	14	1, 222	331	19, 578	34
6, 337	284	643	361	355	1, 685	2, 623	87	39	267	2, 384	367	38, 742	35
4, 763	234	1, 067	483	357	378	1, 846	79	223	373	1, 458	544	26, 543	36
12, 429	532	2, 424	1, 156	701	2, 099	4, 186	75	558	615	2, 554	867	43, 670	37
3, 484	188	587	335	270	18	1, 837	39	124	311	1, 671	774	28, 236	38
5, 726	327	1, 082	209	377	109	3, 082	59	100	1, 773	1, 741	726	26, 810	39
10, 721	527	1, 591	817	472	2, 668	3, 202	126	311	304	1, 786	2, 192	33, 189	40
6, 360	288	797	418	398	1, 761	2, 061	192	200	287	1, 166	1, 297	21, 017	41
3, 976	177	799	365	223	65	1, 934	42	199	251	1, 197	249	17, 702	42
10, 626	377	1, 732	661	759	2, 924	3, 217	143	140	311	516	2, 141	10, 937	43
6, 007	517	1, 076	560	301	622	2, 135	64	113	804	1, 726	423	27, 452	44
5, 783	235	691	223	369	1, 665	1, 997	94	207	355	535	248	8, 829	45
6, 458	251	961	410	343	1, 691	2, 557	159	138	372	332	1, 325	13, 108	46
3, 598	186	772	321	256	187	1, 605	39	179	233	1, 303	341	23, 365	47
8, 967	482	1, 629	784	486	1, 700	3, 029	108	398	316	1, 157	763	20, 893	48
4, 583	151	473	176	178	1, 605	1, 795	71	85	142	742	200	16, 915	49
7, 779	346	1, 461	414	382	1, 250	2, 526	97	215	3	914	333	16, 145	50
5, 127	338	1, 017	358	345	16	2, 437	99	299	483	939	1, 783	19, 960	51
3, 242	223	951	328	260	264	939	50	123	341	767	611	14, 197	52
5, 586	370	1, 061	388	346	175	2, 651	119	378	1, 375	1, 153	1, 205	23, 299	53
9, 331	318	1, 434	714	568	2, 369	2, 643	200	343	273	908	562	18, 182	54
7, 493	296	1, 538	589	245	2, 114	2, 167	117	183	12	670	343	14, 201	55
3, 367	145	681	147	244	56	1, 849	57	105	308	1, 245	354	20, 336	56
4, 536	221	862	252	418	6	2, 419	94	108	334	861	391	17, 396	57
4, 861	266	839	333	272	774	2, 009	38	98	(2)	476	976	8, 891	58
3, 656	383	507	121	330	24	1, 976	77	167	271	694	282	12, 406	59
9, 987	666	1, 550	1, 274	565	1, 603	3, 147	44	226	380	1, 678	1, 405	27, 437	60
5, 700	172	1, 226	504	162	380	2, 876	69	46	571	1, 143	558	28, 202	61
3, 561	224	863	387	465	74	1, 088	80	211	1, 401	868	249	14, 744	62
6, 293	361	1, 369	677	629	606	1, 821	112	299	402	1, 401	980	27, 917	63
3, 264	345	975	353	127	143	1, 120	31	48	271	2, 026	65	31, 784	64
5, 267	175	1, 063	500	320	597	2, 204	84	105	411	1, 089	55	16, 722	65
2, 695	118	678	99	147	166	1, 305	23	52	1, 470	700	849	9, 870	66
2, 275	104	591	130	202	256	860	45	37	21	753	224	13, 347	67
2, 583	113	563	175	92	------	1, 396	80	58	807	314	1, 203	6, 128	68

Source: Bureau of the Census, Department of Commerce.

No. 226.—PER CAPITA REVENUE RECEIPTS, GOVERNMENTAL-COST PAY

City number in order of size	City	Revenue receipts, total		Revenue receipts, 1933, for—							Governmental-cost payments for operation, maintenance, and interest, total	
				Taxes			Special assessments and charges for outlays	Earnings of—		All other		
		1932	1933	General property	License	All other		General departments	Public service enterprises		1932	1933
1	New York	$89.54	$95.31	$61.64	$3.13	$0.60	$1.32	$1.07	$5.55	$22.00	$59.75	$85.84
2	Chicago	58.19	61.45	45.03	2.75	------	2.01	2.26	3.61	5.80	41.65	50.12
3	Philadelphia	51.02	63.43	43.55	.82	.03	.02	1.59	3.33	14.10	42.55	54.49
4	Detroit	87.74	67.59	39.14	1.21	.07	1.32	2.81	10.81	12.23	64.26	56.58
5	Los Angeles	87.55	83.37	43.52	2.91	------	4.30	1.94	19.55	11.16	66.32	70.96
6	Cleveland	66.92	61.80	33.98	3.27	.13	1.14	1.97	9.27	12.04	46.78	58.56
7	St. Louis	46.03	52.85	33.95	3.12	------	4.83	1.99	5.13	3.82	35.09	43.71
8	Baltimore	44.65	65.08	37.80	2.96	.02	.91	1.18	6.07	15.21	37.29	50.21
9	Boston	77.00	94.52	64.84	2.17	6.18	.66	2.70	5.88	12.09	62.32	91.19
10	Pittsburgh	63.35	67.19	54.53	1.57	.14	.21	1.60	4.21	4.93	51.72	59.73
11	San Francisco	59.40	77.45	46.16	3.34	------	.46	1.81	17.88	8.09	45.76	69.72
12	Milwaukee	62.36	77.17	49.95	1.42	2.97	2.79	2.54	3.80	13.69	43.99	62.44
13	Buffalo	59.18	80.89	53.95	2.76	.82	1.85	1.29	4.17	16.06	50.70	84.45
14	Washington	58.29	84.06	47.29	11.25	.01	.86	2.01	3.85	18.80	41.54	67.18
15	Minneapolis	56.00	55.80	37.80	.77	.12	4.04	1.28	3.00	8.81	43.48	48.55
16	New Orleans	27.90	51.15	35.28	2.61	.26	3.31	1.71	4.41	3.58	38.43	38.89
17	Cincinnati	62.35	85.12	47.82	3.91	1.75	2.77	4.32	5.11	19.43	49.80	62.89
18	Newark	61.69	72.66	46.47	4.72	.56	.68	3.10	4.83	12.31	54.99	77.08
19	Kansas City, Mo.	56.76	51.83	36.91	3.61	------	1.15	1.59	5.12	3.45	43.79	46.35
20	Seattle	108.27	80.67	40.59	1.43	------	.46	1.56	28.57	8.05	75.11	69.04
21	Indianapolis	52.19	48.24	38.60	.70	.18	.18	1.23	.10	7.25	35.82	40.35
22	Rochester	59.56	85.51	53.68	2.78	.39	5.31	2.04	4.16	17.15	49.56	76.77
23	Jersey City	62.40	73.73	50.59	3.59	.48	.32	2.56	6.01	10.17	56.75	82.16
24	Houston	44.75	44.43	31.54	.81	------	(1)	1.85	5.04	5.20	34.09	33.79
25	Louisville	36.39	41.68	29.38	1.66	------	.22	2.63	5.11	2.67	27.21	38.58
26	Portland	55.47	69.31	39.62	2.71	------	3.26	1.47	6.26	15.99	40.13	56.08
27	Columbus	43.99	45.62	22.04	2.44	.41	2.03	.89	6.12	10.79	33.04	40.77
28	Toledo	41.50	41.72	22.92	2.43	.32	2.96	1.10	3.84	8.15	38.73	41.89
29	Oakland	47.82	54.69	29.26	.98	------	.45	1.19	11.28	11.53	32.50	47.79
30	Denver	54.63	57.02	38.04	1.68	------	4.61	2.45	8.26	1.97	41.96	51.07
31	Atlanta	36.23	32.59	18.75	2.41	.30	1.57	1.00	6.13	2.43	27.17	28.91
32	St. Paul	51.03	42.82	26.70	2.11	.04	3.41	.76	3.77	6.02	38.60	38.14
33	Dallas	40.20	39.40	23.39	.15	------	.68	1.29	4.91	8.97	32.87	32.92
34	Birmingham	26.04	24.35	12.17	3.32	.09	3.91	.59	.03	4.24	21.22	20.12
35	Akron	45.34	38.11	20.98	2.26	(2)	2.72	.99	3.94	7.24	33.90	33.90
36	Memphis	38.90	30.88	19.92	1.24	.16	.58	.77	4.85	3.37	36.48	25.22
37	Providence	48.53	70.19	49.54	.56	.20	1.06	1.68	6.55	10.58	38.76	61.07
38	San Antonio	26.06	30.76	21.28	.15	------	.01	.51	4.16	4.64	21.29	22.64
39	Omaha	66.27	51.18	29.97	.95	------	2.34	1.11	13.80	3.01	47.32	42.42
40	Syracuse	50.49	64.65	35.71	1.41	.50	5.87	.90	3.73	16.53	40.13	59.73
41	Dayton	36.25	44.81	26.91	2.33	.25	2.41	1.03	3.04	7.93	29.11	37.82
42	Oklahoma City	55.72	44.66	33.59	.91	------	.17	1.16	4.44	4.38	40.06	27.25
43	Worcester	49.79	70.84	49.30	.39	4.95	1.32	4.42	4.28	6.18	41.26	57.88
44	Richmond	46.74	51.28	29.12	3.19	.34	.91	.91	10.93	5.87	41.31	46.55
45	Youngstown	41.13	40.01	23.34	1.79	.03	1.34	.61	3.57	9.34	32.41	38.34
46	Grand Rapids	48.21	45.96	28.52	.38	------	3.68	2.49	4.91	5.97	33.93	44.60
47	Fort Worth	29.07	35.16	23.91	.10	------	.59	1.57	4.59	4.41	20.08	30.41
48	Hartford	57.45	73.47	56.40	.37	3.54	.72	3.68	5.51	3.26	47.26	62.33
49	Flint	42.81	46.87	28.90	.12	------	1.71	2.67	2.96	10.52	31.03	33.01
50	New Haven	38.04	62.65	53.91	.44	.73	.20	3.24	.01	4.11	32.10	53.45
51	San Diego	72.06	49.61	25.57	.90	------	.60	.64	10.48	11.42	47.31	41.37
52	Nashville	33.20	37.23	21.38	1.23	.35	.33	.60	3.99	9.36	25.18	27.85
53	Long Beach	75.15	58.32	26.73	1.25	------	.22	1.00	15.76	13.36	47.61	52.42
54	Springfield, Mass.	60.48	73.13	49.98	.65	5.87	.57	5.61	6.24	4.21	50.89	68.57
55	Bridgeport	49.05	52.89	47.61	.30	.73	.06	2.79	.10	1.30	36.84	55.58
56	Tulsa	55.48	42.51	33.85	.51	------	.01	.73	5.36	2.04	28.86	33.47
57	Des Moines	51.46	39.65	30.51	.41	------	.59	.88	5.99	1.28	36.73	39.61
58	Scranton	29.44	40.30	29.82	1.19	.67	.51	1.22	.01	6.87	24.78	36.96
59	Salt Lake City	47.54	35.58	23.03	.74	------	1.37	.75	3.90	5.79	33.81	32.04
60	Yonkers	73.48	90.96	65.95	1.30	.51	2.06	.83	4.16	16.16	56.24	85.73
61	Paterson	34.16	52.62	31.85	4.25	.43	.42	2.33	8.14	5.19	32.63	53.34
62	Jacksonville	44.25	49.14	15.44	.98	.02	.47	.48	27.21	4.54	40.47	41.97
63	Albany	42.81	72.79	51.28	1.29	.48	3.91	.92	6.28	8.64	41.49	62.37
64	Norfolk	38.35	51.15	30.47	4.08	.09	.14	.94	6.92	8.51	38.64	42.80
65	Trenton	40.39	51.74	30.20	3.56	.45	.54	1.07	4.51	11.41	35.84	54.53
66	Kansas City, Kan.	47.04	56.49	27.75	.67	------	4.42	.27	20.36	3.02	40.69	39.43
67	Chattanooga	27.99	25.54	16.71	.67	.33	.52	1.36	.10	5.85	27.05	24.73
68	Fort Wayne	51.98	33.08	19.25	.49	.32	.10	.46	9.94	2.52	33.61	30.84

[1] Includes miscellaneous expenditures not shown separately.
[2] *Less than one-half of 1 cent.*

MENTS, AND NET DEBT OF CITIES OF 120,000 OR MORE INHABITANTS: 1933

Governmental-cost payments, 1933, for—											Net debt		City number in order of size
Operation and maintenance of general departments									Operation and maintenance of public-service enterprises	Interest	1923	1933	
Total[1]	General government	Protection to person and property	Health and sanitation	Highways	Charities, hospitals, and corrections	Education		Recreation					
						Schools	Libraries						
$68.42	$6.07	$11.68	$6.39	$3.92	$11.04	$19.32	$0.41	$2.88	$2.81	$14.61	$186.47	$256.57	1
39.56	4.55	6.83	3.19	2.57	4.70	11.90	.37	1.83	1.93	8.63	43.70	134.05	2
30.94	4.62	7.19	2.62	3.10	3.79	14.55	.29	1.06	1.00	13.55	105.00	238.27	3
41.41	3.09	7.63	4.31	2.21	9.36	11.66	.49	.70	7.30	7.86	150.62	194.10	4
53.94	5.53	9.12	3.01	4.15	10.74	17.60	.86	1.56	8.44	8.57	124.73	167.89	5
44.33	3.31	5.65	2.70	2.18	14.18	11.91	1.22	.82	4.89	9.34	139.49	161.53	6
36.84	3.83	9.21	2.54	2.41	4.16	11.83	.57	1.61	2.96	3.92	16.28	87.36	7
38.56	2.49	8.34	3.36	3.34	8.09	9.54	.53	.94	1.40	10.25	112.87	205.19	8
76.02	5.04	11.55	6.03	3.84	20.95	18.51	1.15	2.68	3.53	11.64	112.42	175.72	9
47.22	6.18	7.00	3.77	3.54	5.31	15.88	.86	1.44	2.59	9.92	125.44	198.91	10
51.34	4.16	9.88	1.82	1.88	13.81	12.99	.45	2.56	6.97	11.41	128.13	248.01	11
54.99	3.33	7.38	5.20	2.69	15.56	14.96	.59	2.61	1.52	5.93	63.58	117.85	12
73.44	4.66	9.85	4.82	4.39	20.77	18.32	.86	2.28	2.09	8.91	89.44	192.95	13
64.82	3.40	11.98	5.30	4.65	12.56	18.13	.70	3.18	2.36	-------	.35	-------	14
40.35	2.85	4.84	2.90	2.60	9.96	12.69	.72	1.02	1.81	6.39	103.39	108.25	15
24.91	3.16	6.66	2.76	2.65	.71	7.18	.16	.60	3.50	10.47	111.58	175.15	16
47.75	3.79	5.67	3.05	3.96	9.13	17.41	.75	.77	2.65	12.49	197.67	172.44	17
59.22	4.86	11.77	6.02	1.84	8.09	20.94	.84	1.34	2.21	15.65	132.40	272.27	18
35.48	4.51	4.91	2.62	4.32	3.91	12.33	.63	1.53	2.87	8.00	44.44	151.41	19
40.04	4.38	6.74	2.91	5.38	3.56	13.36	.63	.99	15.62	13.38	214.20	240.45	20
35.90	2.31	7.27	2.32	2.13	6.63	11.78	.69	.95	.05	4.41	77.70	86.21	21
63.76	4.72	7.43	5.96	4.31	14.82	17.62	.40	2.21	2.08	10.93	94.06	189.77	22
64.88	5.99	13.81	5.12	3.06	13.45	17.08	.67	1.51	2.85	14.43	203.25	245.59	23
22.27	2.85	3.61	1.63	2.51	1.78	9.12	.24	.31	2.38	9.14	99.52	169.60	24
31.44	2.23	5.50	3.10	2.68	4.69	10.87	.48	.98	2.01	5.13	53.27	104.80	25
41.13	3.38	6.43	1.89	3.21	10.92	11.54	.71	1.07	2.93	12.02	104.99	194.65	26
30.84	1.17	4.33	1.84	3.85	4.83	11.43	.19	1.21	2.74	7.19	83.36	92.53	27
32.70	1.56	5.87	2.10	3.38	5.94	10.45	.71	.48	2.59	6.80	106.49	129.86	28
34.03	1.44	7.66	1.38	2.21	.14	18.34	.73	1.46	3.66	10.10	48.38	198.27	29
41.40	4.02	6.83	2.28	3.56	4.13	15.91	.73	1.97	2.93	6.75	69.42	110.32	30
24.60	1.22	5.01	2.48	1.56	2.50	10.19	.36	.60	1.39	2.93	44.12	47.63	31
28.31	1.68	6.48	1.38	1.98	2.53	11.31	.79	.89	1.99	7.83	76.08	105.59	32
24.81	1.14	4.48	1.69	1.01	5.54	9.52	.21	.80	1.82	6.29	70.37	132.12	33
15.58	.67	3.44	1.01	1.05	.38	7.37	.29	.54	.05	4.49	52.17	72.00	34
23.90	1.07	2.42	1.36	1.34	6.36	9.89	.33	.15	1.01	8.99	131.09	146.14	35
18.21	.89	4.08	1.84	1.36	1.45	7.06	.30	.85	1.43	5.57	134.81	101.50	36
48.66	2.08	9.49	4.52	2.74	8.22	16.39	.29	2.18	2.41	10.00	68.57	170.99	37
14.43	.78	2.43	1.38	1.12	.07	7.82	.16	.51	1.29	6.92	48.19	116.97	38
26.29	1.50	4.98	.96	1.73	.50	14.15	.27	.46	8.14	7.99	153.28	123.09	39
49.98	2.46	7.42	3.81	2.20	12.44	14.93	.59	1.45	1.42	8.33	80.97	154.73	40
30.79	1.39	3.86	2.02	1.93	8.52	9.98	.93	.97	1.39	5.64	68.04	101.73	41
19.98	.89	4.01	1.83	1.12	.33	9.72	.21	1.00	1.26	6.01	109.12	89.41	42
53.70	1.91	8.76	3.34	3.84	14.77	16.25	.72	.71	1.57	2.61	40.11	55.27	43
32.49	2.79	5.82	3.03	2.12	3.36	11.55	.35	.61	4.83	9.23	133.71	148.47	44
33.23	1.35	3.96	1.28	2.12	9.56	11.46	.54	1.19	2.04	3.07	76.69	50.68	45
37.59	1.46	5.60	2.39	1.99	9.26	14.88	.93	.80	2.17	4.84	48.10	76.82	46
21.32	1.10	4.57	1.91	1.52	1.11	9.51	.23	1.06	1.38	7.72	77.72	138.42	47
53.53	2.88	9.73	4.69	2.90	10.15	18.08	.64	2.38	1.89	6.91	106.61	124.74	48
27.68	.91	2.85	1.07	1.07	9.69	10.84	.43	.51	.86	4.48	88.01	102.15	49
47.81	2.13	8.98	2.54	2.34	7.68	15.53	.60	1.32	.02	5.62	52.52	99.23	50
32.39	2.14	6.42	2.27	2.18	.10	15.40	.62	1.89	3.05	5.93	143.40	126.09	51
20.75	1.43	6.09	2.10	1.66	1.69	6.01	.32	.79	2.18	4.91	87.63	90.89	52
36.08	2.39	6.80	2.51	2.23	1.13	17.12	.76	2.44	8.88	7.45	82.73	150.51	53
60.87	2.07	9.37	4.66	3.71	15.45	17.24	1.30	2.24	1.78	5.92	76.79	118.60	54
50.94	2.02	10.45	4.01	1.66	14.37	14.74	.79	1.24	.08	4.56	73.73	96.54	55
22.90	.99	4.62	.99	1.66	.38	12.58	.39	.71	2.09	8.47	87.70	138.34	56
31.34	1.53	5.96	1.74	2.88	.04	16.71	.65	.75	2.31	5.95	103.01	120.22	57
33.66	1.84	5.81	2.30	1.88	5.36	14.26	.26	.68	(2)	3.30	28.71	60.18	58
25.35	2.52	3.51	.84	2.30	.17	13.70	.53	1.16	1.88	4.81	76.36	86.03	59
71.08	4.74	11.04	9.07	4.02	11.41	22.49	.32	1.61	2.71	11.94	122.18	195.28	60
41.01	1.24	8.83	3.62	1.17	2.73	20.69	.49	.33	4.11	8.22	58.24	202.89	61
25.64	1.61	6.21	2.79	3.35	.53	7.83	.57	1.52	10.09	6.25	94.61	106.15	62
48.48	2.78	10.54	5.22	4.85	4.66	14.03	.80	2.31	3.16	10.79	90.80	215.08	63
25.09	2.66	7.52	2.71	.98	1.11	8.63	.24	.37	2.09	15.62	190.44	245.04	64
42.44	1.41	8.57	4.03	2.58	4.81	17.76	.67	.85	3.31	8.78	54.19	134.75	65
21.84	1.20	5.50	.81	1.19	1.34	10.58	.19	.42	11.92	5.67	84.48	79.98	66
18.45	.85	4.90	1.05	1.04	2.08	6.98	.36	.30	.17	6.10	101.49	108.25	67
21.51	.94	4.68	1.46	.77	-------	11.62	.67	.49	6.72	2.61	30.95	51.02	68

Source: Bureau of the Census, Department of Commerce.

11. MONEY AND BANKING

No. 227.—COINAGE OF THE UNITED STATES MINTS: 1793 TO 1934

[All figures in thousands of dollars]

Period [1] or calendar year	Total	Gold	Silver	Minor	Calendar year	Total	Gold	Silver	Minor
1793–1800	2,534	1,014	1,440	79	1905	58,269	49,638	6,332	2,299
1801–1810	6,971	3,250	3,569	151	1906	92,335	78,793	10,651	2,891
1811–1820	9,328	3,166	6,970	191	1907	148,128	131,907	13,178	3,042
1821–1830	18,835	1,903	16,781	151	1908	145,499	131,639	12,392	1,469
1831–1840	46,463	18,777	27,343	342	1909	98,621	88,777	8,088	1,756
1841–1850	111,959	89,215	22,363	380	1910	111,505	104,724	3,744	3,037
1851–1855	237,390	214,142	22,972	276	1911	65,791	56,177	6,457	3,157
1856–1860	155,945	130,254	24,660	1,021	1912	27,417	17,499	7,341	2,577
1861–1865	185,015	175,093	7,146	2,775	1913	33,285	25,433	3,184	4,667
1866–1870	126,901	115,417	5,610	5,873	1914	61,750	53,458	6,084	2,208
1871–1875	201,346	168,074	31,833	1,438	1915	30,145	23,968	4,114	2,063
1876–1880	378,984	241,753	136,396	834	1916	33,743	18,525	8,881	6,338
1881–1885	390,384	243,745	142,657	3,981	1917	35,540	10	29,412	6,118
1886–1890	306,322	126,180	175,003	5,139	1918	31,446	----------	25,473	5,973
1891–1895	328,759	260,109	63,861	4,729	1919	20,778	----------	11,068	9,709
1896–1900	646,055	411,684	127,018	7,352	1920	50,214	16,990	25,057	8,167
1901–1905	689,215	475,645	102,769	10,801	1921	100,783	10,570	89,058	1,155
1906–1910	506,088	535,840	48,053	12,195	1922	105,077	80,680	24,325	72
1911–1915	218,388	175,535	27,180	14,672	1923	114,575	45,365	66,283	2,927
1916–1920	171,721	35,525	99,892	36,304	1924	229,947	206,010	21,627	2,310
1921–1925	820,838	535,005	281,167	10,666	1925	216,457	192,380	19,874	4,203
1926–1930	496,704	424,221	61,110	21,375	1926	102,828	78,541	19,826	4,462
1895	66,197	59,616	5,698	882	1927	141,147	125,645	11,286	4,216
1896	70,976	47,053	23,090	833	1928	189,773	177,360	8,749	3,665
1897	96,042	76,028	18,487	1,526	1929	54,225	40,235	8,591	5,400
1898	102,145	77,986	23,034	1,125	1930	8,731	2,440	2,658	3,632
1899	139,243	111,344	26,062	1,837	1931	61,823	60,895	621	307
1900	137,649	99,273	36,345	2,031	1932	68,423	66,665	1,562	196
1901	134,694	101,735	30,838	2,120	1933	13,136	12,035	896	206
1902	79,661	47,185	30,028	2,448	1934	25,952	----------	22,092	3,860
1903	65,810	43,084	19,874	2,251					
1904	250,782	233,402	15,696	1,684	Total	6,121,484	4,526,218	1,449,967	145,298

[1] Figures for periods are totals, not annual averages.

No. 228.—MONEY IN CIRCULATION, BY KINDS

[All figures in millions and tenths of millions of dollars. For total circulation for earlier years see table 230]

Date	Total	Gold coin	Gold certificates	Silver dollars	Silver certificates	Treasury notes of 1890	Subsidiary silver	Minor coin	United States notes	Federal reserve notes	Federal reserve bank notes	National bank notes
June 30:												
1918	4,481.7	537.2	511.2	77.2	370.3	1.9	216.5	75.0	291.9	1,698.2	11.0	691.4
1919	4,876.5	474.9	327.6	79.0	163.4	1.7	229.3	81.8	274.1	2,450.3	155.0	639.5
1920	5,467.6	474.8	259.0	76.7	97.6	1.7	248.9	91.0	278.1	3,064.7	185.4	689.6
1921	4,911.0	447.3	200.6	65.9	158.3	1.6	235.3	91.4	259.2	2,599.6	129.9	721.4
1922	4,463.2	415.9	173.3	58.0	265.3	1.5	229.3	89.2	292.3	2,138.7	71.9	727.7
1923	4,823.3	404.2	386.5	57.3	364.3	1.5	247.3	93.9	302.7	2,234.7	20.0	711.1
1924	4,849.3	393.3	801.4	54.9	364.4	1.4	253.0	97.0	297.8	1,843.1	10.1	733.8
1925	4,815.2	402.3	1,004.8	54.3	382.8	1.4	262.0	100.8	282.6	1,636.1	6.9	681.7
1926	4,885.3	391.7	1,057.4	51.6	377.7	1.4	270.1	104.2	294.9	1,679.4	5.5	651.5
1927	4,851.3	385.0	1,007.1	48.7	375.8	1.3	275.6	108.1	292.2	1,702.8	4.6	650.1
1928	4,796.6	377.0	1,019.1	46.2	384.6	1.3	278.2	111.1	298.4	1,626.4	4.0	650.2
1929	4,746.3	368.5	935.0	43.7	387.1	1.3	284.2	115.2	262.2	1,692.7	3.6	652.8
1930	4,522.0	357.2	994.8	38.6	386.9	1.3	281.2	117.4	288.4	1,402.1	3.2	650.8
1931	4,821.9	363.0	996.5	34.3	377.1	1.2	273.1	117.4	299.4	1,708.4	2.9	648.4
1932	5,695.2	452.8	715.7	30.1	352.6	1.2	256.2	113.6	289.1	2,780.2	2.7	700.9
1933	5,720.8	320.9	265.5	28.0	360.7	1.2	256.9	112.5	268.8	3,000.8	125.8	919.6
1934	5,373.5	(1)	149.7	30.0	401.5	1.2	280.4	119.1	279.6	3,068.4	141.6	901.9
Dec. 31:												
1933	5,805.6	310.7	212.9	29.3	406.9	1.2	271.6	117.3	285.7	3,043.9	208.2	917.9
1934	5,535.7	(1)	130.4	32.0	591.6	1.2	294.4	125.1	264.8	3,175.6	100.8	819.9

[1] Under orders of the Secretary of the Treasury of Dec. 28, 1933, and Jan. 11 and 15, 1934, all gold coin domestically owned (with minor exceptions) was required to be delivered to the Treasurer of the United States, and under the Gold Reserve Act of 1934 (Jan. 30) withdrawn from circulation and formed into bars.

Source of tables 227 and 228: Treasury Department.

No. 229.—STOCK OF MONEY IN THE UNITED STATES, BY KINDS

NOTE.—Amounts in thousands of dollars. Figures prior to 1890 were revised in 1925 from the best available data, but the older records, especially from 1860 through the early 70's, are not complete and figures for gold and silver those years are only estimates. In 1927, data were revised to include minor coins beginning 1900 (no satisfactory data available for earlier years) and gold coin and bullion held abroad for Federal Reserve banks and to exclude earmarked gold. Gold and silver certificates and Treasury notes of 1890 are not shown, since equivalent amounts held in trust against them are included in gold coin and bullion and silver dollars and bullion

June 30 (except as indicated)	Total	Gold coin and bullion [1]	Silver dollars	Subsidiary silver	United States notes	Fractional paper currency [2]	Other United States currency	State-bank notes	National-bank notes	Percentage of gold to total money
1860	442,102	214,000	----	21,000	----	----	----	207,102	----	48.41
1865	1,180,197	189,000	----	9,500	431,066	26,000	236,567	142,920	146,138	16.01
1870	899,876	189,500	----	10,000	356,000	39,879	2,507	2,223	299,767	21.06
1875	925,702	121,135	[3] 2,743	28,000	375,772	42,129	551	964	354,408	13.09
1880	1,185,550	351,841	69,660	72,862	346,681	----	----	----	344,505	29.68
1884	1,487,250	545,501	180,307	75,262	346,681	----	----	----	339,500	36.68
1885	1,537,434	588,697	208,539	74,940	346,681	----	----	----	318,577	38.29
1886	1,561,408	590,774	237,192	75,061	346,681	----	----	----	311,699	37.84
1887	1,633,413	654,520	277,446	75,548	346,681	----	----	----	279,218	40.07
1888	1,691,441	705,819	310,166	76,408	346,681	----	----	----	252,368	41.73
1889	1,658,672	680,064	343,947	76,602	346,681	----	----	----	211,379	41.00
1890	1,685,123	695,563	380,083	76,825	346,681	----	----	----	185,971	41.28
1891	1,677,794	646,583	438,754	77,849	346,681	----	----	----	167,928	38.54
1892	1,752,219	664,275	491,058	77,521	346,681	----	----	----	172,684	37.91
1893	1,738,808	597,698	538,301	77,415	346,681	----	----	----	178,714	34.37
1894	1,805,079	627,293	548,000	76,250	346,681	----	----	----	206,855	34.75
1895	1,819,360	636,250	547,777	76,954	346,681	----	----	----	211,691	34.97
1896	1,790,975	599,598	551,724	75,972	346,681	----	----	----	226,001	33.31
1897	1,906,770	696,239	556,590	75,818	346,681	Minor coin	----	----	231,442	36.51
1898	2,073,574	861,515	561,351	76,128	346,681	----	----	----	227,900	41.55
1899	2,190,094	963,498	563,697	74,867	346,681	----	----	----	241,351	43.99
1900	2,336,220	1,034,384	566,131	82,864	346,681	26,520	----	----	309,640	43.71
1901	2,511,472	1,124,639	568,183	89,323	346,681	28,404	----	----	353,742	44.78
1902	2,593,910	1,192,595	570,135	97,184	346,681	30,643	----	----	356,672	45.98
1903	2,717,646	1,248,682	573,643	102,035	346,681	32,935	----	----	413,671	45.95
1904	2,838,023	1,327,656	572,870	107,062	346,681	34,519	----	----	449,235	46.78
1905	2,919,494	1,357,656	568,229	114,824	346,681	36,384	----	----	495,720	46.50
1906	3,109,380	1,475,707	568,252	118,225	346,681	39,403	----	----	561,112	47.46
1907	3,158,111	1,466,389	568,250	130,452	346,681	42,550	----	----	603,789	46.43
1908	3,423,068	1,618,133	568,260	147,356	346,681	44,304	----	----	698,334	47.27
1909	3,451,521	1,642,042	568,277	159,409	346,681	45,193	----	----	689,920	47.57
1910	3,466,856	1,636,043	568,278	155,159	346,681	47,264	----	----	713,431	47.19
1911	3,606,989	1,753,197	568,279	159,607	346,681	51,028	Federal Reserve notes	Federal Reserve bank notes	728,195	48.61
1912	3,701,965	1,818,188	568,278	170,588	346,681	53,094	----	----	745,135	49.11
1913	3,777,021	1,870,762	568,273	175,196	346,681	50,951	----	----	759,158	49.53
1914	3,797,825	1,890,657	568,272	182,007	346,681	55,536	----	----	750,672	49.78
1915	4,050,783	1,985,539	568,272	185,430	346,681	61,327	84,261	----	819,274	49.02
1916	4,541,730	2,444,036	568,271	188,890	346,681	63,909	176,168	9,000	744,175	53.83
1917	5,078,774	3,220,242	568,270	198,275	346,681	69,068	547,408	12,790	715,420	56.71
1918	6,906,237	3,162,808	499,516	231,857	346,681	78,146	1,847,580	15,444	724,205	45.80
1919	7,688,413	3,113,306	308,146	242,870	346,681	82,909	2,687,557	187,667	719,277	40.49
1920	8,158,496	2,865,482	268,857	258,855	346,681	92,479	3,405,877	201,226	719,038	35.12
1921	8,174,528	3,274,730	288,788	271,314	346,681	98,522	3,000,430	150,772	743,290	40.06
1922	8,276,070	3,784,652	381,174	271,211	346,681	98,593	2,555,002	80,495	758,202	45.73
1923	8,702,788	4,049,554	491,887	269,186	346,681	99,056	2,676,902	22,083	747,440	46.53
1924	8,846,542	4,488,391	503,755	277,614	346,681	102,445	2,339,048	10,596	778,012	50.74
1925	8,299,382	4,360,382	522,061	283,472	346,681	104,004	1,942,240	7,176	733,366	52.54
1926	8,428,971	4,447,397	533,491	288,923	346,681	108,891	1,995,206	5,713	702,669	52.76
1927	8,667,282	4,587,298	537,944	295,590	346,681	113,295	2,077,473	4,854	704,146	52.93
1928	8,118,091	4,109,163	539,982	299,010	346,681	116,689	2,002,811	4,155	699,621	50.62
1929	8,538,796	4,324,351	539,961	304,187	346,681	120,640	2,194,970	3,711	704,294	50.64
1930	8,306,564	4,534,866	539,960	310,978	346,681	126,001	1,746,501	3,200	698,317	54.59
1931	9,079,624	4,955,921	539,958	308,619	346,681	126,887	2,101,578	2,974	697,004	54.58
1932	9,004,505	3,918,596	540,008	304,883	346,681	126,493	3,028,397	2,772	736,674	43.52
1933	10,078,417	4,317,554	540,007	298,634	346,681	126,746	3,336,866	141,326	970,601	42.84
1934	13,634,381	7,856,181	[4] 541,567	295,892	346,681	127,711	3,350,988	160,666	954,695	57.62
Dec. 31:										
1933	10,209,624	4,322,599	540,007	299,954	346,681	126,812	3,349,807	236,250	987,514	42.34
1934	14,306,814	8,237,067	[4] 755,161	309,432	345,681	130,508	3,520,366	118,762	837,936	57.58

[1] Figure for 1934 includes only gold held by the Treasury; prior to 1934, figures also include gold held by the Federal Reserve banks and Federal Reserve agents and an estimate of gold coin in circulation. In accordance with a proclamation by the President on Jan. 31, 1934, reducing the weight of the gold dollar from 25.8 to 15 5/21 grains of gold, 0.9 fine, gold in the Treasury was revalued as of Feb. 1, 1934.

[2] There has been no fractional currency in actual circulation to any extent since 1878.

[3] Silver bullion in Treasury.

[4] Includes silver bullion ($1,560,000 for June 30; $211,620,000 for Dec. 31).

Source: Treasury Department.

No. 230.—MONEY IN CIRCULATION, HELD IN TREASURY AND IN FEDERAL RESERVE SYSTEM, AND TOTAL STOCK

NOTE.—All figures except per capita in thousands of dollars. In conformity with revisions in the form of circulation statement in 1922 and 1927, figures for 1915 on have been compiled to include in the holdings of Federal Reserve banks and agents, and, hence, in stock of money, gold bullion and foreign coin held by them and gold coin and bullion held abroad for the account of Federal Reserve banks, and also to include in the 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. See also headnote, table 229. Per capita figures based on population estimates of the Treasury Department.

June 30 (except as indicated)	Stock of money in the United States [1]	Money held in the Treasury					Money outside of the Treasury		
		Total	In trust against gold and silver certificates [2]	Reserve against United States notes [2]	Held for Federal Reserve banks and agents	All other money	Held by Federal Reserve banks and agents	In circulation	
								Amount [3]	Per capita (dollars)
1800	23,000	1,500	----	----	----	1,500	----	26,500	4.99
1810	58,000	3,000	----	----	----	3,000	----	55,000	7.69
1820	69,100	2,000	----	----	----	2,000	----	67,100	6.96
1830	93,100	5,756	----	----	----	5,756	----	87,344	6.78
1840	189,969	3,604	----	----	----	3,604	----	186,305	10.91
1850	285,367	6,605	----	----	----	6,605	----	278,762	12.02
1860	442,102	6,695	----	----	----	6,695	----	[4] 435,407	13.85
1865	1,180,197	96,657	----	----	----	96,657	----	1,083,541	31.18
1870	899,876	156,994	32,085	----	----	124,910	----	774,966	20.10
1875	925,702	109,461	17,549	----	----	91,912	----	833,789	18.97
1880	1,185,550	225,922	13,753	100,000	----	112,168	----	973,382	19.41
1885	1,537,434	473,126	228,261	100,000	----	144,865	----	1,292,569	23.02
1890	1,685,123	684,259	428,387	100,000	----	155,872	----	1,429,251	22.82
1894	1,805,079	672,282	528,012	64,977	----	79,294	----	1,660,800	24.56
1895	1,819,360	701,339	483,947	100,000	----	117,391	----	1,001,968	23.24
1896	1,799,975	761,441	467,901	100,000	----	193,540	----	1,506,435	21.44
1897	1,906,770	744,391	478,604	100,000	----	165,787	----	1,640,983	22.92
1898	2,073,574	759,959	524,245	100,000	----	135,715	----	1,837,860	25.19
1899	2,190,004	813,376	527,354	100,000	----	186,022	----	1,904,072	25.62
1900	2,366,220	969,492	684,503	150,000	----	134,990	----	2,081,231	27.28
1901	2,511,472	1,032,479	724,204	150,000	----	158,274	----	2,203,198	28.34
1902	2,593,910	1,097,555	782,759	150,000	----	164,796	----	2,279,114	28.81
1903	2,717,646	1,168,982	851,068	150,000	----	167,914	----	2,399,732	29.82
1904	2,838,023	1,224,813	939,696	150,000	----	135,117	----	2,552,906	31.18
1905	2,919,494	1,245,501	949,347	150,000	----	146,153	----	2,623,340	31.51
1906	3,109,380	1,330,109	995,419	150,000	----	184,690	----	2,774,690	32.77
1907	3,158,111	1,420,507	1,076,259	150,000	----	194,247	----	2,813,863	32.69
1908	3,423,068	1,597,132	1,253,219	150,000	----	193,913	----	3,079,155	35.19
1909	3,451,521	1,599,621	1,296,926	150,000	----	152,695	----	3,148,826	35.41
1910	3,466,856	1,603,186	1,285,014	150,000	----	168,172	----	3,148,684	34.84
1911	3,606,989	1,731,084	1,387,149	150,000	----	193,936	----	3,263,053	34.72
1912	3,701,965	1,782,320	1,415,576	150,000	----	216,744	----	3,335,220	34.87
1913	3,777,021	1,834,112	1,475,783	150,000	----	208,329	----	3,418,692	35.12
1914	3,797,825	1,846,570	1,507,179	150,000	----	188,391	----	3,459,434	34.93
1915	4,050,783	1,967,665	1,619,429	152,977	----	195,259	382,965	3,319,582	32.90
1916	4,541,730	2,356,536	2,057,409	152,979	----	146,147	593,345	3,649,258	35.63
1917	5,678,774	2,859,396	2,063,391	152,979	526,295	116,731	816,365	4,066,404	39.05
1918	6,906,237	2,976,251	1,407,694	152,979	1,205,082	210,496	855,984	4,481,697	42.33
1919	7,688,413	2,907,812	905,673	152,979	1,416,086	432,074	810,836	4,876,638	45.95
1920	8,158,496	2,379,664	704,638	152,979	1,184,276	337,771	1,015,881	5,467,589	51.38
1921	8,174,528	2,021,089	919,643	152,979	1,537,857	310,610	1,262,089	4,910,992	45.29
1922	8,276,070	3,515,553	1,000,578	152,979	2,108,887	253,139	1,207,893	4,463,172	40.61
1923	8,702,788	3,821,846	1,150,168	152,979	2,285,170	233,529	1,207,836	4,823,275	43.18
1924	8,846,542	4,248,438	1,628,130	152,979	2,260,891	206,429	1,376,935	4,849,307	42.64
1925	8,299,382	4,176,381	2,059,799	153,621	1,752,744	210,217	1,367,591	4,815,208	41.73
1926	8,428,971	4,210,358	2,139,770	154,189	1,717,348	199,050	1,473,118	4,885,266	41.71
1927	8,667,282	4,159,056	2,086,205	155,421	1,712,003	195,427	1,753,110	4,851,321	40.90
1928	8,118,091	3,725,650	1,986,761	156,099	1,337,650	195,199	1,582,576	4,796,626	39.97
1929	8,538,796	3,789,886	1,854,373	156,039	1,562,426	217,049	1,856,986	4,746,297	39.08
1930	8,306,564	4,021,937	1,978,448	156,039	1,796,230	91,211	1,741,087	4,521,988	36.71
1931	9,079,624	4,227,735	2,166,103	156,039	1,778,690	98,902	2,220,050	4,321,933	38.86
1932	9,004,505	3,493,122	1,979,137	156,039	1,235,737	122,209	1,795,349	5,695,171	45.03
1933	10,078,417	3,797,692	1,711,721	156,030	1,771,486	158,446	2,271,682	5,720,764	45.51
1934	13,634,381	8,408,392	5,453,713	156,039	83,999,055	2,798,640	1,305,985	[5] 5,373,470	42.46
Dec. 31:									
1933	10,209,624	3,766,214	1,656,617	156,039	1,767,950	185,608	2,294,423	5,805,604	46.03
1934	14,306,814	9,008,429	5,977,236	156,039	84,343,018	2,875,151	1,396,935	[5] 5,535,672	43.66

[1] Gold and silver certificates and Treasury notes of 1890 are excluded to avoid duplication, since the gold and silver held in Treasury as security against them is included. See also note 1, table 229.
[2] Both of these items include also Reserve against Treasury notes of 1890.
[3] See note 1, table 228.
[4] Includes total stock of silver dollars and subsidiary silver.
[5] Gold certificates. This amount is not included in the total since the gold held as security against the gold certificates is included in the column, "In trust against gold and silver certificates."

Source: Treasury Department.

No. 231.—FEDERAL RESERVE BANKS: PRINCIPAL ITEMS OF ASSETS

[All figures in thousands of dollars]

Bank and date	Total assets	Reserves		Reserve bank credit outstanding				
		Total	Gold	Total [1]	Total bills and securities [2]	Bills discounted	Bills bought in open market	United States securities
All banks:								
Dec. 31, 1915	696,746	555,430	542,709	(3)	84,180	32,300	23,724	15,856
Dec. 31, 1920	6,254,104	2,250,399	2,059,496	3,323,500	3,234,828	2,687,393	260,406	287,029
Dec. 31, 1924	5,096,380	3,047,054	2,936,533	1,302,336	1,249,438	4320,128	387,100	540,160
Dec. 31, 1925	5,109,404	2,824,371	2,701,315	1,459,172	1,395,122	4642,993	374,356	374,568
Dec. 31, 1926	5,150,081	2,947,853	2,818,539	1,380,983	1,335,055	636,628	380,986	314,320
Dec. 31, 1927	5,345,586	2,867,151	2,733,187	1,654,541	1,590,938	581,503	392,039	616,516
Dec. 31, 1928	*5,351,543*	2,708,840	2,584,232	1,808,679	1,783,485	*1,056,466*	489,070	228,064
Dec. 31, 1929	5,458,445	3,010,928	2,857,051	1,581,902	1,547,517	632,421	392,209	510,587
Dec. 31, 1930	5,200,648	3,081,517	2,941,219	1,373,332	1,351,852	251,393	363,844	720,467
Dec. 31, 1931	5,672,325	3,157,662	2,988,892	1,853,402	1,825,088	638,293	338,687	816,960
Dec. 31, 1932	6,114,988	3,331,200	3,150,671	2,144,876	2,128,015	234,932	33,123	1,855,142
Dec. 31, 1933	7,040,688	3,793,610	3,568,976	2,688,076	2,669,998	97,590	133,425	2,437,490
June 30, 1934	8,174,640	5,021,788	4,807,777	2,472,068	2,462,249	24,567	5,269	2,431,894
Dec. 31, 1934	8,442,145	5,400,984	5,143,407	2,462,917	2,457,232	7,062	5,613	2,430,256
Boston:								
Dec. 31, 1931	443,253	230,799	213,444	141,035	139,768	43,205	33,431	61,902
Dec. 31, 1932	393,203	227,945	211,384	111,914	110,729	11,813	2,248	96,668
Dec. 31, 1933	501,200	254,025	235,981	195,585	191,202	4,860	28,671	157,671
Dec. 31, 1934	611,204	394,982	363,954	161,415	160,905	1,055	404	157,671
New York:								
Dec. 31, 1931	1,737,909	881,477	843,738	646,929	637,015	149,951	163,303	309,356
Dec. 31, 1932	2,120,019	1,068,473	1,016,088	804,378	799,642	53,601	9,780	733,354
Dec. 31, 1933	2,059,628	988,506	938,402	908,594	900,607	40,691	22,258	836,755
Dec. 31, 1934	*2,856,414*	*2,894,939*	*2,838,175*	*799,936*	*784,841*	4,228	*1,982*	*777,818*
Philadelphia:								
Dec. 31, 1931	490,445	242,941	227,704	197,375	194,739	116,412	4,065	68,652
Dec. 31, 1932	437,195	205,377	185,171	192,751	190,923	47,600	3,054	139,269
Dec. 31, 1933	477,469	228,571	197,520	203,070	200,851	25,303	7,858	167,120
Dec. 31, 1934	531,043	309,305	273,044	173,198	171,933	993	584	167,120
Cleveland:								
Dec. 31, 1931	569,004	338,076	324,989	174,190	171,421	92,609	5,561	73,251
Dec. 31, 1932	512,146	260,071	248,902	206,235	204,736	20,076	2,978	181,682
Dec. 31, 1933	589,371	306,217	290,574	233,742	232,087	6,876	12,186	213,025
Dec. 31, 1934	664,272	398,726	385,411	214,742	214,800	315	528	213,025
Richmond:								
Dec. 31, 1931	214,351	101,455	94,360	66,299	63,257	33,377	10,099	19,081
Dec. 31, 1932	202,301	97,482	89,319	66,309	65,208	16,209	1,867	47,132
Dec. 31, 1933	312,169	183,482	171,406	88,997	87,022	4,533	3,926	78,563
Dec. 31, 1934	352,094	200,395	187,136	106,642	106,451	139	209	103,563
Atlanta:								
Dec. 31, 1931	201,896	115,622	109,561	63,075	62,925	34,902	13,235	13,938
Dec. 31, 1932	177,671	87,227	82,167	66,854	66,292	14,949	3,439	47,404
Dec. 31, 1933	233,383	130,092	118,217	81,158	80,361	4,184	4,279	71,898
Dec. 31, 1934	*255,822*	139,177	125,328	95,317	95,484	57	303	94,277
Chicago:								
Dec. 31, 1931	929,200	625,870	596,503	228,447	225,569	74,496	42,052	105,531
Dec. 31, 1932	1,207,317	851,539	823,728	285,878	281,143	14,960	3,964	262,210
Dec. 31, 1933	1,430,779	914,286	880,970	454,763	455,487	4,053	14,091	437,343
Dec. 31, 1934	1,559,228	1,060,511	1,027,127	429,339	429,973	2	707	428,343
St. Louis:								
Dec. 31, 1931	188,112	101,816	88,953	56,492	57,688	16,886	12,823	27,999
Dec. 31, 1932	200,114	101,113	91,297	73,028	73,467	6,338	973	66,156
Dec. 31, 1933	297,566	174,337	163,253	97,578	99,308	1,415	4,693	93,200
Dec. 31, 1934	323,203	206,277	194,350	93,214	93,738	3	116	93,200
Minneapolis:								
Dec. 31, 1931	137,585	79,908	74,276	44,138	43,471	7,571	7,329	27,668
Dec. 31, 1932	141,631	58,994	53,891	65,567	65,477	9,604	612	54,850
Dec. 31, 1933	192,097	106,256	97,934	70,331	70,809	1,872	3,189	65,668
Dec. 31, 1934	234,366	151,469	140,128	67,282	67,422	----------	81	65,589
Kansas City:								
Dec. 31, 1931	194,416	105,436	97,771	60,468	58,500	27,726	11,066	18,708
Dec. 31, 1932	190,234	93,820	87,058	71,410	69,619	11,512	855	57,252
Dec. 31, 1933	275,696	156,097	146,700	89,737	89,428	1,421	4,566	83,441
Dec. 31, 1934	322,060	199,352	187,921	91,357	92,558	126	155	91,844
Dallas:								
Dec. 31, 1931	126,954	61,975	54,029	43,740	43,299	10,416	3,019	29,864
Dec. 31, 1932	113,105	41,741	33,387	51,845	51,749	5,202	826	45,721
Dec. 31, 1933	181,646	185,354	78,557	76,012	76,606	883	9,248	66,475
Dec. 31, 1934	206,209	115,088	106,349	70,440	72,686	12	154	71,475
San Francisco:								
Dec. 31, 1931	439,110	272,287	263,474	131,214	127,436	30,742	32,014	62,810
Dec. 31, 1932	420,052	237,418	228,279	150,617	149,030	23,059	2,527	123,444
Dec. 31, 1933	480,594	266,387	249,462	188,509	186,230	1,430	18,460	166,331
Dec. 31, 1934	526,230	330,763	313,884	168,035	167,441	132	300	166,331

[1] Includes in addition to total bills and securities, amounts due from foreign banks and reserve bank float.
[2] Includes United States and other securities. [3] Not available. [4] Revised.

Source: Federal Reserve Board.

No. 232.—FEDERAL RESERVE BANKS: PRINCIPAL ITEMS OF LIABILITIES

[All figures except reserve percentages in thousands of dollars]

Bank and date	Capital	Surplus	Deposit liability		Federal reserve note circulation	Federal reserve bank notes [1]	Reserve percentage
			Total	Members' reserve			
All Banks:							
Dec. 31, 1915	54,914	----------	[2] 401,326	[3] 401,175	188,817	----------	94.1
Dec. 31, 1920	99,821	202,036	1,861,498	1,780,679	3,336,281	216,041	43.3
Dec. 31, 1924	112,038	217,837	2,310,608	2,220,436	1,862,062	----------	73.0
Dec. 31, 1925	117,237	220,310	2,257,388	2,212,008	1,838,164	----------	69.0
Dec. 31, 1926	124,814	228,775	2,275,979	2,194,094	1,850,827	----------	71.4
Dec. 31, 1927	132,481	233,319	2,530,040	2,486,777	1,789,867	----------	66.4
Dec. 31, 1928	146,936	254,398	2,439,686	2,388,964	1,838,194	----------	63.3
Dec. 31, 1929	170,973	276,936	2,413,675	2,355,263	1,909,723	----------	69.6
Dec. 31, 1930	169,640	274,036	2,517,133	2,470,583	1,663,538	----------	73.7
Dec. 31, 1931	160,568	259,421	2,124,874	1,961,410	2,624,471	----------	66.5
Dec. 31, 1932	151,202	278,599	2,560,835	2,509,490	2,733,608	----------	62.9
Dec. 31, 1933	144,693	277,680	2,864,550	2,729,442	3,079,543	208,997	63.8
June 30, 1934	147,120	138,383	4,137,689	3,840,086	3,101,314	46,682	69.4
Dec. 31, 1934	146,725	152,962	4,405,350	4,095,940	3,221,107	26,390	70.8
Boston:							
Dec. 31, 1931	11,749	20,030	157,829	149,287	194,460	----------	65.5
Dec. 31, 1932	10,856	20,460	121,718	119,420	195,960	----------	71.8
Dec. 31, 1933	10,564	19,840	168,788	165,945	234,305	19,976	63.0
Dec. 31, 1934	10,762	10,814	265,599	251,604	270,943	922	73.6
New York:							
Dec. 31, 1931	61,639	75,077	862,058	795,015	574,186	----------	61.4
Dec. 31, 1932	58,619	85,058	1,271,867	1,256,951	587,506	----------	57.5
Dec. 31, 1933	58,280	87,746	1,078,155	1,036,524	651,086	54,008	57.2
Dec. 31, 1934	59,606	50,737	1,909,752	1,749,711	680,935	25,468	73.1
Philadelphia:							
Dec. 31, 1931	16,600	26,480	135,490	123,939	209,372	----------	60.0
Dec. 31, 1932	16,045	29,242	124,575	121,686	238,125	----------	56.6
Dec. 31, 1933	15,917	27,073	130,257	129,225	236,128	20,390	60.9
Dec. 31, 1934	15,131	14,519	219,866	211,578	240,444	----------	67.2
Cleveland:							
Dec. 31, 1931	14,630	27,640	165,102	147,646	320,335	----------	69.6
Dec. 31, 1932	14,101	28,204	152,951	146,559	285,386	----------	59.3
Dec. 31, 1933	12,404	23,236	192,193	182,290	290,590	25,091	63.4
Dec. 31, 1934	13,062	15,277	285,106	274,278	306,620	----------	67.4
Richmond:							
Dec. 31, 1931	5,478	11,483	52,570	47,256	109,347	----------	62.7
Dec. 31, 1932	5,150	11,616	55,078	51,951	101,501	----------	62.3
Dec. 31, 1933	5,035	10,979	100,441	96,255	157,541	4,523	71.1
Dec. 31, 1934	4,975	6,143	135,135	124,826	167,825	----------	60.1
Atlanta:							
Dec. 31, 1931	5,158	10,449	51,354	46,368	120,626	----------	67.2
Dec. 31, 1932	4,679	10,544	51,750	49,760	97,139	----------	58.6
Dec. 31, 1933	4,450	10,417	72,082	65,442	125,175	5,121	66.0
Dec. 31, 1934	4,368	6,294	95,105	84,804	132,968	----------	61.0
Chicago:							
Dec. 31, 1931	18,011	38,411	298,334	283,976	519,471	----------	76.5
Dec. 31, 1932	16,157	39,497	416,028	409,360	392,150	----------	76.8
Dec. 31, 1933	12,790	40,429	513,673	494,813	784,759	28,737	70.4
Dec. 31, 1934	12,723	22,057	670,959	633,316	788,933	----------	72.6
St. Louis:							
Dec. 31, 1931	4,693	10,025	65,840	59,456	86,941	----------	66.6
Dec. 31, 1932	4,360	10,186	64,355	62,027	103,930	----------	60.1
Dec. 31, 1933	3,944	9,849	109,858	97,260	144,307	8,067	68.6
Dec. 31, 1934	4,088	5,037	151,150	129,419	142,880	----------	70.2
Minneapolis:							
Dec. 31, 1931	2,951	6,356	49,912	45,827	69,130	----------	67.1
Dec. 31, 1932	2,835	7,019	39,037	37,760	80,967	----------	49.2
Dec. 31, 1933	2,878	6,929	66,295	62,013	92,896	7,718	66.7
Dec. 31, 1934	3,134	4,171	106,721	97,422	106,686	----------	71.0
Kansas City:							
Dec. 31, 1931	4,185	8,124	70,028	75,229	82,711	----------	65.2
Dec. 31, 1932	4,052	8,263	69,524	68,490	90,490	----------	58.6
Dec. 31, 1933	4,077	7,744	122,929	118,731	106,814	9,615	67.9
Dec. 31, 1934	4,068	3,906	169,336	162,475	117,654	----------	69.5
Dallas:							
Dec. 31, 1931	4,135	7,624	52,872	48,811	46,813	----------	62.2
Dec. 31, 1932	3,910	8,719	48,148	46,779	38,783	----------	48.0
Dec. 31, 1933	3,719	8,043	97,917	95,937	42,888	11,344	60.6
Dec. 31, 1934	4,048	3,777	125,393	121,135	53,845	----------	64.2
San Francisco:							
Dec. 31, 1931	11,389	17,707	154,475	138,600	231,079	----------	70.6
Dec. 31, 1932	10,478	19,701	145,854	138,747	226,611	----------	63.7
Dec. 31, 1933	10,637	19,495	202,962	184,998	213,054	14,407	64.0
Dec. 31, 1934	10,760	10,230	271,218	255,378	211,368	----------	68.5

[1] Net liability. [2] Net deposits. [3] Due to member banks—net.

Source: Federal Reserve Board.

No. 233.—FEDERAL RESERVE BANKS: Holdings of Bills Bought in Open Market and from Other Federal Reserve Banks, as of Dec. 31

[All figures in thousands of dollars]

Bank and year	Total	Bankers' acceptances, based on—							Trade acceptances, total	Bills payable in foreign currencies
		Total	Imports	Exports	Goods stored abroad or in transit	Domestic transactions	Dollar exchange	All other		
All F. R. banks:										
1924	387,100	385,606		283,592		94,556	6,882	576	227	1,267
1925	374,356	372,225		301,191		63,846	6,112	1,076	1,217	914
1926	380,986	377,539	131,907	120,335	37,714	77,698	8,434	1,451	1,258	2,189
1927	392,039	390,500	84,024	118,210	81,242	95,795	6,195	4,434	702	837
1928	489,069	487,515	108,431	131,386	143,123	90,664	8,707	5,204	537	1,017
1929	392,209	390,582	55,506	77,068	146,881	94,222	15,562	1,343	-------	1,627
1930	363,844	327,861	38,672	58,071	131,502	81,121	12,341	6,154	-------	35,983
1931	338,687	305,258	43,047	55,248	103,582	84,008	13,675	6,698	-------	33,429
1932	33,123	3,634	183	478	696	2,228	-------	50	-------	29,489
1933	133,425	127,392	22,317	22,269	39,104	38,660	820	4,222	-------	6,033
1934	5,613	112	1	-------	-------	111	-------	-------	-------	5,501

Source: Federal Reserve Board.

No. 234.—FEDERAL RESERVE BANKS: Holdings of United States Securities, as of Dec. 31

[All figures in millions and tenths of millions of dollars]

Bank and year	Total	Bonds	Notes	Certificates and bills	Bank and year	Total	Bonds	Notes	Certificates and bills
All F. R. banks:					Atlanta:				
1924	540.2	75.3	349.4	115.5	1931	13.9	6.5	0.4	7.0
1925	374.6	60.8	187.1	126.7	1932	47.4	10.3	8.1	29.0
1926	314.8	48.0	87.4	179.5	1933	71.9	11.4	32.3	28.3
1927	616.5	290.7	69.1	256.7	1934	94.3	13.6	59.3	21.4
1928	228.1	53.9	106.0	68.2	Chicago:				
1929	510.6	76.8	215.6	218.2	1931	105.5	53.4	2.9	49.3
1930	729.5	163.8	226.5	339.2	1932	262.2	40.8	34.3	187.1
1931	817.0	360.4	33.0	423.6	1933	437.3	77.0	177.2	183.2
1932	1,855.1	421.9	299.7	1,133.6	1934	428.3	62.1	273.1	93.1
1933	2,437.5	443.3	1,053.3	940.9	St. Louis:				
1934	2,430.3	395.7	1,507.1	527.5	1931	27.1	11.4	.8	14.9
Boston:					1932	66.2	13.9	11.3	40.9
1931	61.0	27.9	2.0	31.1	1933	93.2	14.5	41.9	36.8
1932	96.7	20.3	16.5	59.8	1934	93.2	13.8	58.4	21.0
1933	157.7	24.4	71.0	62.3	Minneapolis:				
1934	157.7	23.2	98.8	35.6	1931	27.7	15.8	.6	11.2
New York:					1932	54.9	17.4	8.1	29.3
1931	309.4	114.7	18.3	176.4	1933	65.7	16.3	26.3	23.1
1932	733.4	187.3	118.7	427.4	1934	65.6	15.4	37.1	13.2
1933	836.8	170.0	361.2	305.5	Kansas City:				
1934	777.8	141.0	475.2	161.6	1931	18.7	7.7	.5	10.5
Philadelphia:					1932	57.3	11.8	9.8	35.6
1931	68.7	33.7	1.8	33.1	1933	83.4	14.1	36.9	32.4
1932	139.3	31.2	23.4	84.7	1934	91.8	13.3	57.7	20.8
1933	167.1	28.1	74.0	65.0	Dallas:				
1934	167.1	25.1	104.8	37.2	1931	29.9	18.0	.5	11.3
Cleveland:					1932	45.7	17.3	6.2	22.3
1931	73.3	31.3	2.3	39.6	1933	66.5	18.5	25.5	22.4
1932	181.7	36.7	33.9	111.1	1934	71.5	18.8	38.7	14.0
1933	213.0	32.2	96.3	84.6	San Francisco:				
1934	213.0	30.6	134.1	48.4	1931	62.8	32.1	2.4	28.4
Richmond:					1932	123.4	25.3	21.3	76.9
1931	19.1	7.8	.6	10.7	1933	166.3	25.1	75.2	66.0
1932	47.1	9.6	8.1	29.4	1934	166.3	23.9	104.7	37.8
1933	78.6	11.9	35.5	31.2					
1934	103.6	14.9	65.2	23.5					

Source: Federal Reserve Board.

No. 235.—FEDERAL RESERVE BANKS: Holdings of Discounted Bills by Classes and Maturities

NOTE.—*All figures in thousands of dollars.* Figures by maturities in certain years are for an earlier date than those by classes and in such cases the totals may differ materially

Bank and date	Total (all classes)	Rediscounted bills		Member bank collateral notes			Discounts for individuals, partnerships, and corporations
		Secured by U. S. Govt. obligations direct and/or fully guaranteed	Otherwise secured and unsecured	Secured by U. S. Govt. obligations direct and/or fully guaranteed	Secured by other eligible collateral	Secured by bills and securities not eligible for discount or purchase [1]	
All Fed. reserve banks:							
Dec. 31, 1921	1,144,346	41,511	641,361	443,722	17,752	----------	----------
Dec. 30, 1922	617,780	3,618	275,955	328,172	10,035	----------	----------
Dec. 31, 1923	723,068	3,919	363,091	349,766	6,292	----------	----------
Dec. 31, 1924	[2] 320,128	1,276	[2] 111,439	185,564	21,849	----------	----------
Dec. 31, 1925	[2] 642,993	1,872	[2] 188,488	380,279	72,374	----------	----------
Dec. 31, 1926	636,028	1,111	173,773	364,169	97,575	----------	----------
Dec. 31, 1927	581,503	163	89,335	417,566	74,389	----------	----------
Dec. 31, 1928	1,056,466	974	215,677	658,242	180,573	----------	----------
Dec. 31, 1929	632,421	755	173,286	352,773	105,607	----------	----------
Dec. 31, 1930	251,398	447	99,662	88,990	62,299	----------	----------
Dec. 31, 1931	638,293	3,591	214,905	317,535	102,262	----------	----------
Dec. 31, 1932	234,932	1,000	91,301	60,000	67,956	13,974	701
Dec. 31, 1933	97,590	338	19,887	25,891	31,246	18,824	404
Dec. 31, 1934	7,062	----------	657	3,470	1,214	1,647	74
Boston	1,055	----------	14	995	46	----------	----------
New York	4,223	----------	166	1,538	1,032	1,457	35
Philadelphia	993	----------	227	556	47	163	----------
Cleveland	315	----------	113	190	12	----------	----------
Richmond	139	----------	17	54	47	----------	21
Atlanta	57	----------	24	6	----------	27	----------
Chicago	2	----------	2	----------	----------	----------	----------
St. Louis	3	----------	----------	----------	----------	----------	3
Minneapolis	----------	----------	----------	----------	----------	----------	----------
Kansas City	126	----------	57	24	30	----------	15
Dallas	12	----------	----------	12	----------	----------	----------
San Francisco	132	----------	37	95	----------	----------	----------

Bank and date	Total	Maturity of discounted bills					Average for year [3]
		Within 15 days	16 to 30 days	31 to 60 days	61 to 90 days	After 90 days	
All Federal reserve banks:							
Dec. 28, 1921	1,179,833	708,361	116,690	161,202	131,936	61,644	13.63
Dec. 27, 1922	629,885	436,465	48,609	63,372	50,059	31,380	12.14
Dec. 26, 1923	857,151	612,660	64,310	84,069	66,514	29,598	9.89
Dec. 31, 1924	314,128	241,603	12,335	26,413	17,343	10,434	12.39
Dec. 30, 1925	749,672	616,325	35,816	53,152	32,428	10,951	7.99
Dec. 29, 1926	710,931	575,544	38,865	49,876	37,232	9,414	8.04
Dec. 28, 1927	609,209	537,482	18,330	26,892	18,617	7,888	7.58
Dec. 26, 1928	1,167,579	1,012,581	[2] 38,749	59,509	38,616	18,124	6.78
Dec. 31, 1929	632,421	508,072	36,331	48,742	25,932	13,344	8.00
Dec. 31, 1930	251,398	175,501	17,059	26,966	19,459	11,813	10.27
Dec. 30, 1931	1,023,883	851,308	30,895	61,106	51,407	29,167	11.03
Dec. 28, 1932	267,382	187,581	20,288	29,013	19,503	10,997	11.49
Dec. 27, 1933	110,552	82,787	5,913	8,890	11,748	1,214	9.84
Dec. 26, 1934	9,261	7,261	404	884	638	74	13.14
Boston	1,551	1,548	3	----------	----------	----------	11.90
New York	5,403	3,890	201	760	557	----------	11.96
Philadelphia	1,185	856	165	98	61	5	15.63
Cleveland	380	374	----------	1	4	1	18.22
Richmond	169	148	21	----------	----------	----------	15.34
Atlanta	94	76	3	12	3	----------	14.11
Chicago	48	40	----------	1	7	----------	15.36
St. Louis	180	179	1	----------	----------	----------	7.90
Minneapolis	----------	----------	----------	----------	----------	----------	40.09
Kansas City	131	73	1	1	4	52	22.48
Dallas	12	12	----------	----------	----------	----------	42.07
San Francisco	123	86	9	11	2	16	10.32

[1] Section 10 (b) of Federal Reserve Act. [2] Revised.
[3] Represents average *maturity* (in days) of all time bills discounted during year.

Source: Federal Reserve Board.

No. 236.—FEDERAL RESERVE BANKS: HOLDINGS OF DISCOUNTED BILLS, BY STATES

NOTE.—Yearly average based on end of month figures

[All figures in thousands of dollars]

Division and State	1931 [1]	1932 [1]	1933 [1]	1934 [1]	Division and State	1931 [1]	1932 [1]	1933 [1]	1934 [1]
United States	335,172	502,251	248,689	326,090	South Atlantic—Contd.				
New England	17,722	27,640	11,072	19,022	Virginia	6,805	9,596	4,786	3,435
Maine	1,509	3,450	2,344	2,351	West Virginia	4,749	5,230	3,440	2,751
New Hampshire	1,452	2,558	993	3,305	North Carolina	6,654	3,948	2,149	2,319
Vermont	964	2,556	1,002	805	South Carolina	2,465	2,905	893	330
Massachusetts	9,264	12,764	4,567	7,548	Georgia	4,445	6,903	2,647	3,626
Rhode Island	811	801	278	1,000	Florida	966	888	628	533
Connecticut	3,722	5,511	1,888	4,012	East South Central	16,930	18,247	9,527	7,144
Middle Atlantic	125,166	187,158	120,011	299,893	Kentucky	3,883	3,404	1,456	1,322
New York	52,394	69,380	51,902	110,597	Tennessee	5,354	6,720	3,071	2,615
New Jersey	24,292	47,769	26,100	103,327	Alabama	5,912	6,611	3,197	781
Pennsylvania	48,480	70,007	42,009	85,969	*Mississippi*	*1,781*	*1,512*	*903*	2,420
East North Central	58,910	81,866	38,466	21,315	West South Central	24,706	24,689	8,193	2,982
Ohio	26,924	41,423	24,416	8,373	Arkansas	2,102	1,243	418	440
Indiana	4,065	5,695	3,501	422	Louisiana	7,821	8,965	2,291	97
Illinois	7,344	11,479	2,069	2,311	Oklahoma	4,366	4,135	1,889	450
Michigan	17,230	18,676	6,960	9,041	Texas	10,417	10,346	3,595	1,995
Wisconsin	3,338	4,593	1,520	1,168	Mountain	5,498	13,431	4,237	2,184
West North Central	21,794	33,779	11,688	6,969	Montana	752	*1,853*	*593*	270
Minnesota	1,574	4,041	1,838	1,216	Idaho	539	1,203	256	2
Iowa	3,189	4,855	1,416	313	Wyoming	669	1,857	577	1,102
Missouri	6,368	8,772	2,355	1,014	Colorado	1,659	3,343	1,788	354
North Dakota	707	1,341	688	931	New Mexico	601	1,275	337	191
South Dakota	1,505	3,354	2,139	2,072	Arizona	87	542	84	40
Nebraska	*5,387*	*6,484*	*1,744*	833	Utah	*1,146*	2,801	530	192
Kansas	3,064	4,932	1,508	590	Nevada	45	557	72	33
South Atlantic	30,998	36,729	19,008	19,782	Pacific	33,448	78,714	26,487	6,799
Delaware	579	736	431	2,640	Washington	2,129	6,859	2,566	689
Maryland	3,110	4,491	2,504	4,148	Oregon	1,584	3,131	692	666
Dist. of Col	1,225	2,032	1,530	-------	California	29,735	68,724	23,229	5,444

[1] Figures given include borrowings by Federal intermediate credit banks as follows:

	1931	1932	1933	1934		1931	1932	1933	1934
Minnesota	320	367	-------	-------	Louisiana	389	467	-------	-------
Missouri	6	-------	-------	-------	Texas	-------	9	26	-------
Nebraska	214	587	-------	-------	Washington	368	208	3	-------
Kansas	231	407	-------	-------	California	411	280	-------	-------
South Carolina	683	592	-------	-------	Oregon	-------	-------	-------	17

No. 237.—FEDERAL RESERVE GOLD SETTLEMENT FUND: SUMMARY OF TRANSACTIONS THROUGH THE FUND, 1919 TO 1934

[All figures in millions and tenths of millions of dollars]

Year	Balance at beginning of period	Daily settlements between Federal Reserve banks		Interreserve bank transfers	Withdrawals	Deposits	Balance at end of period
		Transit clearings	Federal reserve note clearings				
1919	401.9	66,053.4	(1)	7,930.9	1,871.9	1,799.7	329.7
1920	329.7	85,074.2	(1)	7,551.6	1,658.0	1,685.5	357.3
1921	357.3	64,934.8	(1)	3,289.1	2,303.2	2,468.0	522.1
1922	522.1	75,336.0	(1)	1,154.0	1,793.0	1,825.3	554.4
1923	554.4	89,614.7	(1)	*1,039.2*	*1,764.3*	*1,781.1*	571.1
1924	571.1	97,698.3	(1)	919.6	1,921.8	2,030.2	679.5
1925	679.5	108,289.5	(1)	909.0	1,779.0	1,788.6	689.2
1926	689.2	115,455.3	635.8	1,043.4	3,029.2	3,005.3	665.3
1927	665.3	123,031.5	673.2	1,436.7	3,797.3	3,660.3	528.2
1928	528.2	132,525.2	658.4	1,172.6	2,855.6	3,014.4	687.0
1929	687.0	145,132.4	758.7	1,052.1	3,160.3	2,984.6	511.2
1930	511.2	151,458.3	669.4	1,530.2	2,063.8	1,970.0	417.4
1931	417.4	124,137.3	*540.1*	*1,905.0*	2,720.0	2,625.7	314.1
1932	314.1	89,527.6	545.4	1,648.4	4,156.6	4,182.8	340.3
1933	340.3	75,725.4	614.4	2,575.0	4,548.6	4,820.5	618.2
1934	618.2	80,816.0	602.9	2,084.0	2,016.4	3,116.5	1,718.3

[1] Included in transit clearings.

Source of tables 236 and 237: Federal Reserve Board.

No. 238.—FEDERAL RESERVE GOLD SETTLEMENT FUND: SUMMARY OF TRANSACTIONS THROUGH THE FUND, BY DISTRICTS, 1934

[All figures in millions and tenths of millions of dollars]

Federal reserve bank	Balance Jan. 1	Daily settlements between Federal Reserve banks				Interreserve bank transfers		Withdrawals	Deposits	Balance in fund at close of business Dec. 31
		Transit clearings		Federal Reserve note clearings		Payments	Receipts			
		Payments	Receipts	Payments	Receipts					
Total	618.2	80,816.0	80,816.0	602.9	602.9	2,084.0	2,084.0	2,016.4	3,116.5	1,718.3
Boston	19.2	5,455.0	5,703.3	56.5	44.1	180.9	57.7	243.4	179.9	59.5
New York	164.8	25,524.2	26,471.0	132.2	141.3	1,117.0	260.5	374.1	1,083.4	973.5
Philadelphia	10.9	6,108.7	6,088.0	63.5	59.3	83.7	133.5	231.5	243.8	48.1
Cleveland	62.5	6,106.4	6,268.2	66.2	45.4	118.4	50.0	125.4	82.3	91.9
Richmond	26.0	5,727.7	5,694.0	45.1	38.0	76.0	115.3	166.6	181.0	38.9
Atlanta	22.1	3,034.1	2,851.1	24.1	48.4	69.5	179.8	59.0	114.3	29.0
Chicago	100.4	11,304.4	11,348.5	85.1	101.8	283.0	271.5	329.3	325.7	206.2
St. Louis	37.0	4,666.2	4,493.9	36.4	40.7	37.0	161.3	161.9	220.5	51.8
Minneapolis	19.5	1,812.6	1,546.4	27.9	17.4	2.5	228.0	113.6	175.2	29.8
Kansas City	32.3	4,491.2	4,165.0	28.8	24.4	32.5	276.4	58.3	175.6	62.8
Dallas	32.9	3,052.9	2,951.4	16.1	12.8	37.0	121.0	52.3	83.6	43.3
San Francisco	30.6	3,532.6	3,235.2	21.0	29.5	37.5	220.0	100.9	251.1	83.5

Source: Federal Reserve Board.

No. 239.—FEDERAL RESERVE AGENTS' GOLD FUND: SUMMARY OF TRANSACTIONS

[All figures in millions and tenths of millions of dollars]

Federal reserve agent at—	Balance Jan. 1	Withdrawals[1]	Deposits[1]	Transfers to bank	Transfers from bank	Balance Dec. 31
All F. R. banks:						
1919	928.5	1,011.4	165.0	675.4	1,479.6	886.3
1920	886.3	1,060.7	451.4	498.6	1,118.3	896.7
1921	896.7	1,589.5	1,023.9	587.4	1,651.2	1,394.9
1922	1,394.9	924.0	492.9	609.5	1,326.8	1,681.1
1923	1,681.1	755.0	148.5	565.7	1,140.0	1,648.9
1924	1,648.9	626.0	149.5	1,022.8	1,158.3	1,307.9
1925	1,307.9	559.8	126.0	975.6	1,061.7	960.2
1926	960.2	568.2	112.3	1,799.4	2,258.5	963.4
1927	963.4	454.2	63.3	2,458.4	2,914.3	1,028.3
1928	1,028.3	473.6	70.5	1,631.4	1,768.1	761.9
1929	761.9	358.5	149.9	1,500.6	2,210.2	1,262.9
1930	1,262.9		.5	1,101.7	947.8	1,109.4
1931	1,109.4	1.0	1.3	1,678.5	1,819.5	1,250.7
1932	1,250.7		4.0	3,101.6	3,084.5	1,237.6
1933	1,237.6		4.0	4,030.3	3,938.5	1,149.7
1934	1,149.7		1.0	1,003.3	2,458.3	2,605.7
Boston	118.1		.5	74.0	255.0	299.6
New York	90.1			120.0	626.4	596.5
Philadelphia	68.9			139.5	231.0	160.4
Cleveland	110.5		.5	37.0	128.5	202.5
Richmond	90.4			126.2	182.2	146.3
Atlanta	69.0			54.0	62.7	77.7
Chicago	265.0			193.5	433.9	505.4
St. Louis	96.2			126.0	162.4	132.6
Minneapolis	46.5			55.1	118.6	110.0
Kansas City	83.8			24.0	49.0	108.8
Dallas	20.5			13.0	55.2	62.7
San Francisco	90.8			41.0	153.5	203.3

[1] Withdrawals from and deposits in the Federal reserve agents' gold fund, other than transfers to or from bank, practically ceased with the discontinuance of the agents' gold redemption fund in August 1929.

Source: Federal Reserve Board.

No. 240.—FEDERAL RESERVE BANKS: Volume of Operations in Principal Departments

[All figures in millions and tenths of millions of dollars]

Bank and year	Bills discounted	Bills purchased in open market for own account	Currency received and counted	Coin received and counted	Checks handled	Collection items handled		U.S. Govt. direct obligations—issues, redemptions, and exchanges by fiscal agent department	Transfers of funds
						U. S. Government coupons paid	All other		
All F. R. banks:									
1928	62,413.0	4,240.7	13,315.6	451.1	301,703.8	543.4	7,414.4	9,002.4	148,749.0
1929	60,747.1	3,587.5	14,782.4	478.2	367,215.1	535.6	7,185.4	7,018.8	170,789.7
1930	14,067.1	3,873.7	14,262.8	537.5	324,883.0	499.1	7,528.0	7,245.2	198,880.0
1931	14,555.6	2,998.4	12,668.6	585.9	248,173.0	480.0	7,321.8	17,543.5	162,095.1
1932	18,648.3	762.8	10,952.6	300.3	170,591.8	529.1	5,427.8	19,645.8	116,040.0
1933	9,632.8	898.0	11,710.4	624.6	157,833.7	578.1	5,539.7	24,622.7	85,059.2
1934	[1] 714.4	75.9	9,932.6	208.3	179,544.5	699.3	6,743.0	29,941.0	73,077.2
Boston	49.6	12.5	985.7	31.6	11,443.2	47.4	584.8	1,227.4	2,482.2
New York	415.1	17.4	3,043.6	107.6	56,048.6	351.1	1,843.8	19,421.7	28,642.4
Philadelphia	108.6	5.8	825.1	30.3	17,185.0	38.9	240.4	868.1	2,455.4
Cleveland	29.2	5.2	588.0	13.5	16,112.9	64.7	440.2	966.5	2,989.3
Richmond	18.3	2.6	451.4	14.3	9,638.4	17.5	294.5	588.4	4,005.2
Atlanta	23.5	2.8	363.0	7.2	7,549.3	10.3	196.7	315.5	1,391.6
Chicago	14.4	7.6	1,878.2	28.7	22,744.1	81.0	1,531.4	3,920.5	12,519.2
St. Louis	15.5	2.1	422.2	13.2	9,100.2	19.4	377.4	666.2	2,686.5
Minneapolis	2.5	1.6	196.4	3.4	4,369.7	12.4	283.8	306.6	1,640.4
Kansas City	5.3	2.4	270.6	9.8	9,240.6	21.0	332.4	592.2	3,528.0
Dallas	2.9	7.7	181.8	5.4	5,784.5	8.4	249.5	414.3	2,003.7
San Francisco	29.5	7.2	720.6	35.2	10,328.1	27.4	368.1	653.7	8,093.3

[1] Not including industrial advances of $14,900,000.

No. 241.—FEDERAL RESERVE BANKS: Operations of Branches

[All figures in thousands of dollars]

Federal reserve branch and year	Bills discounted and bought	Currency and coin received and counted	Checks handled	Noncash collection items handled		Transfers of funds	Fiscal agency—issues, redemptions, and exchanges of U.S. obligations[1]
				Government coupons	All other		
All branches:							
1928	7,524,192	2,966,956	68,273,066	78,564	1,227,049	25,779,910	324,200
1929	8,601,344	3,293,274	72,034,805	79,570	1,227,485	28,975,751	271,416
1930	2,438,301	3,124,304	62,834,956	74,052	1,088,691	33,111,377	211,848
1931	2,750,613	2,601,089	48,079,197	68,014	975,775	25,041,132	350,538
1932	4,005,703	2,266,957	34,048,272	73,973	814,363	20,260,015	226,105
1933	1,171,239	2,631,352	33,618,776	77,841	1,023,153	13,541,178	275,592
1934	[2] 109,971	2,244,222	43,109,445	91,185	1,303,799	13,060,758	528,001
No. 2. Buffalo	64,712	188,841	2,070,662	2,748	37,173	830,597	2,144
No. 4. Cincinnati	----------	108,557	2,528,288	14,776	69,289	354,758	56,101
Pittsburgh	----------	211,977	7,011,692	17,774	68,035	657,306	86,905
No. 5. Baltimore	11,531	219,834	3,020,513	10,712	140,114	878,119	230,180
Charlotte	----------	47,302	1,465,935	513	41,707	854,757	----------
No. 6. Birmingham	----------	32,450	1,133,457	445	14,847	129,349	----------
Jacksonville	----------	68,651	913,755	1,435	22,103	181,981	----------
Nashville	----------	38,933	1,114,465	497	50,780	76,513	----------
New Orleans	5,384	73,895	1,218,529	3,326	50,166	311,630	78,982
No. 7. Detroit	5,359	426,341	4,995,275	7,660	138,779	2,154,164	8,408
No. 8. Little Rock	655	29,472	537,612	474	33,367	144,163	836
Louisville	4,209	69,488	1,920,933	3,503	68,575	415,181	4,747
Memphis	1,277	52,566	888,364	871	54,509	392,800	1,092
No. 9. Helena	205	11,707	400,004	549	14,705	102,578	----------
No. 10. Denver	953	54,794	1,548,693	3,966	55,524	437,445	7,158
Oklahoma City	----------	33,804	1,809,556	931	23,846	150,416	537
Omaha	3,368	48,490	1,661,255	3,197	96,464	708,262	4,974
No. 11. El Paso	88	13,766	312,536	366	10,219	81,362	----------
Houston	516	38,079	1,169,093	1,423	78,529	886,822	----------
San Antonio	135	33,354	793,527	1,026	38,734	285,700	----------
No. 12. Los Angeles	8,269	283,724	2,633,234	9,196	54,273	1,562,138	33,953
Portland	1,023	41,775	933,497	1,792	42,479	429,574	4,673
Salt Lake City	742	28,696	775,809	1,280	47,375	336,493	2,000
Seattle	846	69,402	992,838	2,050	29,628	537,831	3,649
Spokane	699	17,634	653,322	665	22,079	160,719	1,662

[1] United States Government direct obligations. [2] Not including industrial advances.

Source of tables 240 and 241: Federal Reserve Board.

No. 242.—FEDERAL RESERVE BANKS: Discount Rates in Effect Jan. 1, 1929, and Changes to Dec. 31, 1934

Note.—For rates for 1914 to 1921, see Statistical Abstract 1928, Table 249; for 1922 to 1928, Statistical Abstract 1933, Table 232

Month established	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
Rediscounts for and advances to member banks under secs. 13 and 13 (a) of the Federal Reserve Act												
In effect Jan. 1, 1929	5	5	5	5	5	5	5	5	4½	4½	4½	4½
1929—Mar.											5	
May									5	5		5
Aug.		6										
Nov.	4½	[1] 4½					4½					
Dec.						4½				4½		4½
1930—Jan.			4½									
Feb.	4	4		4½	4½		4	4½	4½	4	4½	
Mar.		3½	4	4								4
Apr.					4	4		4	4		4	
May	3½	3										
June		2½		3½			3½					
July	3		3½		3½	3½						
Aug.								3½		3½		3½
Sept.									3½		3½	
Dec.		2		3								
1931—Jan.	2½					3	3	3				3
May	2	1½	3	2½	3		2½	2½		3	3	2½
Oct.	[2] 3½	[3] 3½	3½	[4] 3½	4		3½	3½		3½	4	3½
Nov.						3½						
1932—Jan.					3½						3½	
Feb.		3										
June		2½					2½					
1933—Mar.		3½					3½					
Apr.		3										
May		2½					3					
June	3		3	3				3				3
Oct.		2		2½			2½					
Nov.	2½		2½									2½
1934—Feb.	2	1½		2	3	3		2½		3	3	2
Mar.									3			
Dec.						2½				2½		
Advances to member banks under sec. 10 (b) of the Federal Reserve Act												
1933—Jan.[5]	5	5	5	5	5	5	5	5	5	5	5	5
July	4½	4½	4½			4½	4½					4½
Aug.				4½								
Oct.	4	4	4	4			4	4½				4
Dec.											4½	
1934—Mar.											4	
July					4½					4		
Advances to nonmember banks and trust companies under acts of Mar. 9 and 24, 1933[6]												
1933—Mar.		5					5	5				
Apr.				5	5	5				5	5	5
May	5		5						5			
July	4½	4½	4½			4½	4½					4½
Aug.				4½								
Oct.	4	4	4	4			4					4
Dec.											4½	
1934—Mar.											4	
Discounts for and advances to individuals, partnerships, and corporations under sec. 13, par. 3, of the Federal Reserve Act as amended by act of July 21, 1932												
1933—Aug.	6	6	6	6	6	6	6	6	6	6		
Sept.											6	6
1934—Mar.						5						
July				5	5½			5½		5		

[1] Rate changed to 5 on Nov. 1 and 4½ on Nov. 15.
[2] Rate changed to 2½ on Oct. 10 and 3½ on Oct. 17.
[3] Rate changed to 2½ on Oct. 9 and 3½ on Oct. 16.
[4] Rate changed to 3 on Oct. 10 and 3½ on Oct. 24.
[5] A general rate of 6 percent was adopted Jan. 1, 1933, prior to which time the rate of 5½ percent was specified for each advance under sec. 10 (b).
[6] Expired Mar. 24, 1934.

No. 242.—Federal Reserve Banks: Discount Rates in Effect Jan. 1, 1929, and Changes to Dec. 31, 1934—Continued

Month established	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
	Advances to individuals, partnerships, and corporations, secured by direct obligations of the United States under sec. 13 of the Federal Reserve Act (sec. 403 of act of Mar. 9, 1933)											
1933—Mar	4½	4½	4½	4½	4½	4½	4½	4½		4½	4½	4½
Apr									4½			
Oct	4	4	4	4			4					4
1934—Feb		3½			4					4		
Mar						4					4	

No. 243.—FEDERAL RESERVE BANKS: Average Annual Rate of Earnings on Bills and Securities

Note.—Rate on "All classes" covers, besides classes specified, earnings on a small amount of municipal warrants, Federal intermediate credit bank debentures, Federal land bank bonds, and foreign loans on gold

Bank and year	Average annual rate (per cent) on—				Bank and year	Average annual rate (per cent) on—			
	All classes	Discounted bills	Purchased bills	U. S. securities		All classes	Discounted bills	Purchased bills	U. S. securities
1920	5.50	5.88	5.66	2.21	1928	4.24	4.56	3.97	3.64
1921	5.61	6.07	5.70	2.37	1929	4.86	5.03	5.00	3.93
1922	4.11	4.63	3.54	3.67	1930	3.25	3.93	2.85	3.06
1923	4.33	4.46	4.14	4.01	1931	2.20	3.01	2.04	1.86
1924	3.83	4.25	3.31	3.67	1932	2.33	3.43	3.93	1.84
1925	3.51	3.67	3.17	3.56	1933	1.98	3.23	1.49	1.83
1926	3.76	3.95	3.55	3.60	1934	1.91	3.44	.57	1.90
1927	3.60	3.83	3.49	3.41					

No. 244.—FEDERAL RESERVE BANKS: Profit and Loss Account

[All figures in thousands of dollars]

Bank and year	Gross earnings	Net earnings	Dividend payments	Franchise tax to Government[1]	Carried to surplus	Capital and surplus, Dec. 31
All Federal reserve banks:						
1923	50,709	12,711	6,553	3,613	2,546	331,060
1924	38,340	3,718	6,682	114	[2] 5,078	329,875
1925	41,801	9,449	6,916	59	2,474	337,547
1926	47,600	16,612	7,329	813	8,464	353,589
1927	43,024	13,048	7,754	250	5,044	365,800
1928	64,053	32,122	8,458	2,585	21,079	401,334
1929	70,956	36,403	9,584	4,283	22,536	447,909
1930	36,424	7,988	10,269	17	[2] 2,293	444,276
1931	29,701	2,972	10,030		[2] [3] 7,658	419,989
1932	50,019	22,314	9,282	2,011	[3] 11,021	429,891
1933	49,487	7,957	8,874		[2] 917	422,375
1934	48,903	15,231	8,782		6,450	209,687
Boston	3,056	933	644		289	21,577
New York	16,082	8,307	3,508		4,740	110,344
Philadelphia	3,725	1,043	926		117	29,650
Cleveland	4,138	1,043	769		274	28,339
Richmond	1,988	313	299		14	11,117
Atlanta	1,818	656	264		392	10,662
Chicago	8,152	1,404	761		643	34,780
St. Louis	1,824	140	241		[2] 101	9,125
Minneapolis	1,415	176	181		[2] 5	7,305
Kansas City	1,960	244	247		[2] 4	7,973
Dallas	1,522	332	238		94	7,826
San Francisco	3,222	641	643		[2] 3	20,989

[1] The Banking Act of 1933 eliminated the provision in the Federal Reserve Act for the payment of a franchise tax.

[2] Withdrawn from surplus account.

[3] Exclusive of a reserve of $8,158,000 for depreciation on U. S. bonds charged to surplus and returned direct to surplus at the end of 1931 and 1932, respectively.

Source of tables 242, 243, and 244: Federal Reserve Board.

No. 245.—ALL MEMBER BANKS OF THE FEDERAL RESERVE SYSTEM: ASSETS AND LIABILITIES AS OF DEC. 31

[All figures, except number of banks, in millions of dollars]

Call date (Dec. 31, except as indicated)	Loans and investments					Reserve with Federal reserve banks	Cash in vault	Due from banks in U. S.[1]	Deposits						Net demand deposits subject to reserve	Net demand plus time deposits	Bills payable and rediscounts	Capital funds[3]	Number of banks
	Total	Loans	Investments						Total	Demand	Time	U. S. Gov't	Due to banks in U. S. (except Federal reserve banks)[2]	Other deposits					
			Total	U. S. Gov't direct obligations	Other securities														
All member banks:																			
1920 (Dec. 29)	25,531	19,555	5,976	2,619	3,357	1,763	678	1,577	24,220	14,020	6,188	316	3,062	633	15,345	21,533	3,036	4,120	9,606
1924	28,746	19,933	8,813	3,874	4,939	2,228	597	2,339	32,384	16,684	9,805	242	4,504	1,148	18,468	28,273	408	4,532	9,587
1925	30,884	21,996	8,888	3,728	5,160	2,238	575	2,155	34,260	17,825	10,653	304	4,169	1,299	19,260	29,913	733	4,678	9,489
1926	31,642	22,652	8,990	3,389	5,601	2,210	523	2,066	34,528	17,639	11,440	234	4,003	1,213	18,922	30,362	760	4,944	9,260
1927	34,247	23,886	10,361	3,978	6,383	2,514	523	2,210	36,657	18,170	12,765	267	3,808	1,647	20,105	32,870	663	5,341	9,034
1928	35,684	25,155	10,529	4,312	6,217	2,409	564	2,124	39,067	18,904	13,453	262	3,649	2,799	19,944	33,397	1,162	5,899	8,837
1929	35,934	26,150	9,784	3,863	5,921	2,374	558	2,168	37,981	18,862	13,233	143	3,517	2,225	19,797	33,030	879	6,709	8,522
1930	34,860	23,870	10,989	4,125	6,864	2,475	593	2,456	37,029	17,502	13,546	267	3,873	1,841	18,969	32,516	355	6,593	8,052
1931	30,575	19,261	11,314	5,319	5,996	1,975	523	1,662	30,711	14,955	11,316	412	2,832	1,196	16,067	27,383	839	5,999	7,246
1932	27,469	15,204	12,265	6,540	5,726	2,511	423	2,416	28,690	13,393	10,550	475	3,608	665	15,193	25,743	547	5,409	6,816
1933[4]	25,220	12,833	12,386	7,254	5,132	2,678	471	1,969	27,167	13,442	9,125	967	3,125	507	14,821	23,946	143	4,962	6,011
1934[4]	28,150	12,028	16,122	9,906	6,216	4,032	609	3,036	33,848	16,774	9,908	1,636	4,546	985	18,851	28,759	13	5,054	6,442
New York City:																			
1930	8,582	6,147	2,435	1,239	1,197	899	95	145	9,602	5,592	1,296	37	1,349	1,328	6,405	7,701	37	2,045	48
1931	7,460	4,763	2,697	1,768	928	665	54	105	7,782	4,984	830	167	988	813	5,561	6,392	61	1,863	39
1932	7,327	3,538	3,789	2,603	1,186	1,132	47	115	7,698	4,633	937	173	1,562	393	6,020	6,957	13	1,711	37
1933[4]	6,995	3,453	3,542	2,362	1,179	903	47	93	7,284	4,635	748	422	1,200	278	5,571	6,319	5	1,630	36
1934[4]	7,761	3,159	4,602	3,246	1,356	1,576	86	103	9,513	5,599	659	792	1,797	666	6,933	7,592	----	1,565	38
Chicago:																			
1930	1,861	1,344	518	240	277	210	11	194	2,047	1,090	510	25	365	50	1,242	1,752	----	320	14
1931	1,517	1,038	480	288	191	160	13	122	1,624	897	389	18	274	48	1,034	1,423	----	270	12
1932	1,045	631	414	228	186	284	18	294	1,509	875	319	18	279	18	926	1,245	----	195	11
1933[4]	1,259	604	655	386	269	345	45	199	1,720	1,034	359	41	270	18	1,083	1,442	----	203	28
1934[4]	1,581	532	1,049	743	306	415	40	206	2,154	1,255	382	46	445	25	1,448	1,830	----	226	18
Other reserve cities:																			
1930	11,897	8,379	3,517	1,486	2,031	771	169	1,142	13,029	5,594	5,202	152	1,773	308	6,042	11,244	75	1,999	402
1931	10,598	6,852	3,746	1,844	1,902	652	154	751	10,889	4,779	4,456	169	1,275	210	5,121	9,576	337	1,886	352
1932	9,489	5,542	3,948	2,234	1,714	646	126	1,240	10,375	4,281	4,217	211	1,503	163	4,606	8,823	115	1,720	322
1933[4]	8,898	4,553	4,344	2,823	1,522	857	153	935	9,932	4,357	3,653	393	1,404	125	4,722	8,375	16	1,595	299
1934[4]	10,028	4,312	5,715	3,809	1,907	1,268	207	1,488	12,297	5,524	4,003	620	1,964	186	6,043	10,046	----	1,614	328

Country banks:																		
1930	12,519	8,001	4,519	1,159	3,359	595	317	975	12,551	5,220	6,538	53	387	154	5,280	11,819	244	2,228	7,588
1931	10,999	6,608	4,392	1,418	2,974	498	302	685	10,417	4,296	5,641	61	295	124	4,351	9,992	441	1,980	6,843
1932	9,607	5,493	4,114	1,474	2,640	448	232	767	9,108	3,605	5,076	72	263	91	3,641	8,717	418	1,783	6,446
1933 [4]	8,068	4,223	3,845	1,683	2,162	573	225	742	8,230	3,417	4,365	111	251	86	3,446	7,811	123	1,533	5,648
1934 [4]	8,780	4,025	4,756	2,108	2,647	822	275	1,239	9,886	4,306	4,864	178	340	108	4,457	9,291	13	1,650	6,068
By districts:																			
Boston—																			
1933	1,792	1,014	778	433	345	163	56	141	1,919	941	694	76	188	20	997	1,691	5	355	355
1934	1,885	971	913	550	364	253	95	175	2,195	1,127	712	113	216	27	1,206	1,918	1	369	371
New York—																			
1933	9,415	4,725	4,690	2,781	1,909	1,026	89	199	9,612	5,472	2,101	469	1,268	302	6,417	8,517	69	2,053	758
1934	10,216	4,314	5,902	3,756	2,146	1,749	138	276	12,109	6,583	2,008	859	1,875	695	7,930	10,029	6	1,981	791
Philadelphia—																			
1933	2,081	1,061	1,020	464	556	127	32	122	2,008	829	939	64	161	14	869	1,807	23	471	606
1934	2,185	1,012	1,173	505	668	211	42	237	2,382	995	1,012	93	257	24	1,066	2,078	2	479	656
Cleveland—																			
1933	2,099	1,033	1,065	673	392	172	41	133	2,111	880	997	62	153	19	927	1,924	10	449	544
1934	2,366	944	1,422	907	515	272	54	260	2,648	1,203	1,108	91	223	24	1,263	2,371	-------	473	627
Richmond—																			
1933	936	489	447	292	155	95	30	107	1,054	460	435	26	121	13	495	930	6	171	373
1934	1,059	465	593	392	202	126	34	169	1,302	590	468	48	170	17	648	1,116	-------	178	400
Atlanta—																			
1933	781	423	358	238	120	64	21	115	861	375	315	50	107	13	395	710	9	151	309
1934	871	440	431	254	177	83	25	188	1,076	502	335	70	153	17	517	852	2	154	332
Chicago—																			
1933	2,479	1,208	1,271	779	492	401	88	350	3,135	1,715	918	73	395	34	1,792	2,710	7	416	585
1934	3,146	1,074	2,072	1,396	676	630	94	510	4,170	2,292	1,115	97	620	45	2,505	3,620	-------	464	682
St. Louis—																			
1933	792	382	411	226	184	97	20	100	905	450	305	21	123	6	481	786	4	132	302
1934	933	383	550	310	240	129	21	153	1,136	555	336	38	198	7	625	961	-------	147	301
Minneapolis—																			
1933	631	299	332	166	166	60	13	110	741	307	327	5	94	8	324	651	2	99	502
1934	699	263	435	250	185	97	14	168	897	403	341	10	132	10	431	773	-------	114	524
Kansas City—																			
1933	849	365	484	284	200	107	21	202	1,085	564	295	13	195	18	620	916	1	143	708
1934	956	351	606	359	247	157	23	325	1,396	718	311	32	306	20	809	1,120	-------	152	734
Dallas—																			
1933	647	348	299	197	102	93	20	168	832	457	190	31	135	10	489	679	1	129	537
1934	725	341	384	252	132	122	21	245	1,010	554	196	72	160	29	583	779	-------	130	555
San Francisco—																			
1933	2,717	1,436	1,281	720	510	183	39	221	2,904	993	1,609	77	185	40	1,016	2,625	5	394	372
1934	3,110	1,469	1,641	976	665	253	47	320	3,528	1,245	1,875	112	236	59	1,267	3,142	-------	403	379

[1] Excludes items with Federal reserve banks in process of collection, exchanges for clearing house and other checks on local banks, and balances not subject to immediate withdrawal.

[2] Prior to Mar. 23, 1927, includes "Due to banks in foreign countries."

[3] Aggregate book value of capital stock, capital notes and debentures, surplus, undivided profits, reserves for contingencies, reserves for stock dividends on common stock, and retirement fund for preferred stock and/or capital notes and debentures. Also includes reserves for dividends prior to July 1932, and reserves for interest, taxes, and other expenses accrued and unpaid prior to Sept. 28, 1925.

[4] Figures for 1933 and 1934 relate to licensed banks only.

Source: Federal Reserve Board.

No. 246.—REPORTING MEMBER BANKS OF THE FEDERAL RESERVE SYSTEM IN LEADING CITIES: PRINCIPAL ASSETS AND LIABILITIES

NOTE.—All figures in millions of dollars. Data are monthly averages of weekly figures. Following the banking holiday in March 1933, reports were received from 91 cities instead of 101 cities as formerly. The 91 cities now included are those in which all or nearly all reporting member banks were licensed to resume operations after the banking holiday. Figures on the 91 city basis prior to 1932 are not available.

Year and month	Loans and investments					Net demand deposits	Time deposits	Reserve balances	Borrowings at Federal reserve banks
	Total	Loans			Investments				
		Total	On securities	All other					
101 CITIES									
1925:									
June	18,841	13,375	5,289	8,085	5,266	12,805	5,202	1,622	238
December	19,413	14,248	5,843	8,405	5,165	13,173	5,357	1,685	491
1926:									
June	19,596	14,235	5,693	8,541	5,362	13,074	5,041	1,664	252
December	19,742	14,578	5,771	8,807	5,165	13,032	5,768	1,680	447
1927:									
June	20,506	14,849	6,220	8,628	5,658	13,414	6,163	1,744	208
December	21,328	15,396	6,676	8,720	5,932	13,872	6,419	1,781	388
1928:									
June	22,063	15,871	6,962	8,909	6,193	13,450	6,923	1,740	796
December	22,189	16,253	7,198	9,055	5,936	13,399	6,842	1,748	799
1929:									
June	22,231	16,480	7,332	9,149	5,751	13,001	6,739	1,672	670
December	23,012	17,444	7,968	9,476	5,567	13,774	6,727	1,743	490
1930:									
March	22,352	16,746	7,964	8,781	5,607	13,093	6,974	1,697	81
June	23,024	17,048	8,560	8,487	5,977	13,631	7,211	1,781	53
September	23,220	16,859	8,383	8,476	6,361	13,622	7,471	1,813	44
December	23,117	16,332	7,776	8,557	6,784	13,839	7,221	1,834	141
1931:									
March	22,839	15,452	7,302	8,150	7,387	13,678	7,266	1,811	35
June	22,439	14,623	6,770	7,853	7,816	13,425	7,258	1,827	56
September	22,078	14,283	6,413	7,870	7,795	13,137	6,892	1,791	127
December	20,740	13,204	5,763	7,441	7,545	12,024	6,013	1,637	499
1932:									
March	19,434	12,375	5,388	6,987	7,059	10,950	5,691	1,447	368
June	18,877	11,420	4,811	6,609	7,457	11,013	5,599	1,626	191
September	18,730	10,753	4,524	6,229	7,986	11,143	5,625	1,778	128
December	18,840	10,340	4,319	6,021	8,500	11,088	5,648	2,002	75
91 CITIES									
1932:									
January	17,916	11,331	5,037	6,294	6,585	10,752	4,712	1,395	321
February	17,531	11,086	4,901	6,185	6,445	10,285	4,618	1,327	335
March	17,226	10,784	4,804	5,980	6,442	10,162	4,592	1,336	252
April	16,923	10,402	4,571	5,831	6,521	10,236	4,569	1,439	185
May	16,968	10,157	4,403	5,754	6,811	10,377	4,617	1,508	130
June	16,752	9,894	4,245	5,649	6,858	10,264	4,536	1,514	143
July	16,323	9,571	4,065	5,506	6,752	10,067	4,492	1,460	155
August	16,504	9,417	4,033	5,384	7,087	10,128	4,571	1,538	122
September	16,678	9,292	3,986	5,306	7,386	10,429	4,508	1,672	96
October	16,974	9,160	3,906	5,254	7,814	10,637	4,634	1,765	77
November	16,947	8,965	3,756	5,209	7,982	10,866	4,654	1,847	70
December	16,819	8,912	3,794	5,118	7,907	10,989	4,618	1,902	45
1933:									
January	16,669	8,725	3,709	5,016	7,944	11,193	4,645	1,987	38
February	16,577	8,657	3,708	4,949	7,920	10,967	4,571	1,790	51
March	15,933	8,340	3,723	4,617	7,593	9,619	4,306	1,408	598
April	15,934	8,263	3,605	4,658	7,671	10,070	4,342	1,549	157
May	16,341	8,413	3,700	4,713	7,928	10,636	4,296	1,563	90
June	16,619	8,505	3,764	4,741	8,114	10,929	4,320	1,667	47
July	16,710	8,597	3,835	4,762	8,113	10,954	4,524	1,640	25
August	16,600	8,541	3,768	4,773	8,059	10,428	4,526	1,729	31
September	16,586	8,559	3,728	4,831	8,007	10,491	4,495	1,871	23
October	16,536	8,580	3,636	4,944	7,956	10,589	4,478	1,924	21
November	16,688	8,664	3,574	4,990	8,124	10,648	4,458	1,909	22
December	16,620	8,457	3,595	4,862	8,163	10,744	4,354	1,885	24
1934:									
January	16,589	8,274	3,542	4,732	8,315	11,051	4,357	1,960	20
February	17,267	8,280	3,567	4,713	8,987	11,275	4,365	2,045	11
March	17,484	8,202	3,539	4,663	9,282	11,605	4,402	2,546	10
April	17,526	8,218	3,570	4,648	9,308	12,132	4,438	2,649	7
May	17,328	8,071	3,516	4,555	9,257	12,292	4,464	2,729	6
June	17,342	8,064	3,553	4,511	9,278	12,510	4,470	2,853	5
July	17,749	7,986	3,531	4,455	9,763	12,661	4,505	2,930	6
August	17,721	7,828	3,295	4,533	9,893	12,807	4,501	3,049	5
September	17,770	7,834	3,137	4,697	9,936	13,011	4,488	2,936	6
October	17,835	7,819	3,062	4,757	10,016	13,310	4,471	2,972	1
November	17,762	7,713	3,008	4,705	10,049	13,537	4,431	3,092	2
December	18,102	7,728	3,096	4,632	10,374	13,645	4,352	3,002	1

Source: Federal Reserve Board.

No. 247.—ALL MEMBER BANKS OF FEDERAL RESERVE SYSTEM: NUMBER, CAPITAL AND SURPLUS, AND TOTAL RESOURCES

NOTE.—All national banks in continental United States are members of the system

Date	Number of banks			Capital and surplus (thousands of dollars)			Total resources (thousands of dollars)		
	All member banks	National banks	State member banks	All member banks	National banks	State member banks	All member banks	National banks	State member banks
Dec. 31, 1915	7,631	7,600	31	1,828,679	1,792,509	36,170	13,740,825	13,461,185	279,640
Dec. 31, 1919	9,066	7,885	1,181	2,969,560	2,078,359	891,201	33,916,044	23,676,048	10,239,996
Dec. 29, 1920	9,006	8,125	1,481	3,326,962	2,290,939	1,035,023	33,079,016	22,789,045	10,289,971
Dec. 31, 1921	9,779	8,165	1,614	3,425,296	2,314,633	1,110,663	30,114,136	19,936,224	10,178,912
Dec. 29, 1922	9,859	8,220	1,639	3,566,681	2,391,275	1,175,406	33,882,571	21,965,554	11,917,017
Dec. 31, 1923	9,774	8,179	1,595	3,644,373	2,392,784	1,251,589	35,238,606	22,395,303	12,843,303
Dec. 31, 1924	9,587	8,043	1,544	3,744,967	2,422,256	1,322,711	38,986,867	24,368,991	14,617,876
Dec. 31, 1925	9,489	8,048	1,441	3,937,999	2,544,180	1,393,819	41,425,295	25,839,450	15,585,845
Dec. 31, 1926	9,260	7,906	1,354	4,158,796	2,626,064	1,532,732	42,029,644	25,669,069	16,360,575
Dec. 31, 1927	9,034	7,759	1,275	4,461,800	2,841,192	1,620,608	44,888,140	28,148,557	16,739,583
Dec. 31, 1928	8,837	7,629	1,208	4,914,932	3,104,700	1,810,232	48,935,646	30,573,457	18,362,189
Dec. 31, 1929	8,522	7,403	1,119	5,621,725	3,247,371	2,374,354	48,843,078	28,839,582	20,003,496
Dec. 31, 1930	8,052	7,033	1,019	5,487,242	3,265,030	2,222,206	47,057,891	28,753,832	18,304,059
Dec. 31, 1931	7,246	6,368	878	5,023,558	2,997,573	2,025,985	39,688,322	24,618,214	15,070,108
Dec. 31, 1932	6,816	6,011	805	4,558,119	2,802,274	1,755,845	36,259,926	23,268,936	12,990,990
Dec. 30, 1933[1]	6,011	5,154	857	4,165,564	2,463,463	1,702,101	33,876,326	21,703,865	12,172,461
Dec. 31, 1934[1]	6,442	5,462	980	4,325,742	2,618,802	1,706,940	40,077,191	25,580,932	14,496,259

[1] Licensed banks only.

No. 248.—ALL MEMBER BANKS: CLASSIFICATION OF LOANS AND INVESTMENTS ON DEC. 31

[All money figures in millions of dollars. Figures for 1933 and 1934 are for licensed banks only]

	1930	1932	1933	1934	1934				
					Central reserve city banks	Other reserve city banks	Country banks	National banks	State member banks
Loans and investments, total	34,880	27,489	25,220	28,150	9,342	10,028	8,780	17,910	10,240
Loans, total [1]	23,870	15,204	12,833	12,028	3,691	4,312	4,025	7,475	4,553
Loans to customers, total [2]	21,637	14,349	11,602	10,665	2,711	4,078	3,876	6,887	3,778
To banks	631	444	287	155	74	55	27	106	49
On securities (exclusive of loans to banks) [2]	7,942	4,848	3,772	3,296	1,073	1,213	1,010	2,042	1,254
Real estate loans, total	3,234	2,862	2,359	2,273	157	1,090	1,026	1,297	977
On farm land	387	356	318	262	1	102	158	218	44
On other real estate	2,847	2,505	2,041	2,012	156	988	867	1,078	933
All other (including overdrafts)	9,831	6,195	5,184	4,940	1,407	1,720	1,813	3,442	1,497
Open market loans, total [3]	2,233	855	1,231	1,363	980	234	149	588	775
Acceptances and commercial paper purchased	736	498	391	520	292	129	99	269	251
Loans to brokers in New York [4]	1,498	357	840	843	688	105	50	319	524
Investments, total	10,989	12,285	12,386	16,122	5,651	5,715	4,756	10,435	5,687
U. S. Government, direct obligations	4,125	6,540	7,254	9,906	3,980	3,809	2,108	6,251	3,655
Securities fully guaranteed by U.S. Government			[5]	989	356	279	355	697	292
Other domestic securities	6,149	5,276	4,819	4,983	1,226	1,507	2,190	3,334	1,649
Foreign securities	715	450	313	244	81	61	102	153	91
Number of banks	8,052	6,816	6,011	6,442	56	328	6,058	5,462	980

[1] Excludes acceptances of other banks and bills of exchange or drafts sold with endorsement.
[2] Except loans to broker customers in New York, made by New York City banks.
[3] Includes loans to broker customers in New York, made by New York City banks.
[4] Loans on securities to brokers and dealers in securities at New York City.
[5] Included in "Other domestic securities".

Source of tables 247 and 248: Federal Reserve Board.

No. 249.—ALL MEMBER BANKS OF THE FEDERAL RESERVE SYSTEM: EARNINGS, EXPENSES, AND DIVIDENDS

[All figures, except ratios, in millions and tenths of millions of dollars]

	All member banks							1933	
	1925	1927	1929	1930	1931	1932	1933	National banks	State member banks
Loans and investments [1]	29,873.9	32,756.0	35,727.1	35,395.4	33,431.8	28,522.5	24,986.3	15,707.8	9,278.5
Loans [1]	20,809.1	23,006.0	25,614.7	25,018.2	21,732.3	16,743.9	12,916.7	8,143.9	4,772.8
Investments [1]	8,864.8	9,749.9	10,112.5	10,377.2	11,699.5	11,778.6	12,069.5	7,563.9	4,505.6
Capital funds [1]	4,589.3	5,162.7	6,360.3	6,722.8	6,395.9	5,660.1	4,902.3	2,887.9	2,014.4
Gross earnings, total [2]	1,018.1	2,120.3	2,474.1	2,228.8	1,911.5	1,553.6	1,236.9	799.6	437.3
Interest earned	1,615.6	1,749.0	2,068.9	1,857.5	1,581.9	1,325.5	1,038.4	686.6	351.8
Expenses, total	1,367.3	1,515.7	1,683.7	1,604.3	1,335.4	1,143.4	859.3	563.7	295.6
Interest paid	669.1	737.6	823.5	771.0	600.0	473.1	303.2	210.2	92.9
Net earnings	550.8	604.5	790.4	624.4	576.1	410.2	377.6	235.9	141.7
Net losses and depreciation	131.3	157.6	283.9	317.9	563.9	665.1	733.4	521.4	212.0
Net profits	419.5	447.0	556.5	306.5	12.3	[3] *254.9*	[3] *355.8*	[3] *285.5*	[3] *70.3*
Cash dividends declared	272.7	312.7	408.6	372.0	336.8	245.1	150.8	71.4	79.4
Ratios:									
Loans and investments per $1 of capital funds	$6.47	$6.34	$5.62	$5.26	$5.23	$5.04	$5.10	$5.44	$4.61
Net profit per $100 of loans and investments	$1.41	$1.36	*$1.56*	$0.87	$0.04	[3] *$0.89*	[3] *$1.42*	[3] *$1.82*	[3] *$0.76*
Net profit per $100 of capital funds	$9.14	$8.66	$8.75	$4.56	$0.20	[3] *$4.50*	[3] *$7.26*	[3] *$9.89*	[3] *$3.49*

[1] Average amounts.
[2] Prior to 1932, profits on securities sold were included in gross earnings; in 1932 and 1933 such profits were deducted from losses.
[3] Net loss.

No. 250.—ALL REPORTING BANKS: [1] NUMBER, LOANS, INVESTMENTS, AND DEPOSITS OF MEMBER AND NONMEMBER BANKS

[All money figures in millions of dollars]

Date [2]	Number of banks			Loans			Investments			Deposits [3]		
	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks
1925—June 30	25,479	9,538	18,941	33,882	20,655	13,227	14,948	8,863	6,085	47,612	28,440	19,172
Dec. 31	25,257	9,489	18,768	35,658	21,996	13,662	14,945	8,888	6,057	49,224	30,029	19,195
1926—June 30	27,854	9,375	18,479	36,176	22,060	14,114	15,386	9,123	6,265	49,733	29,781	19,952
Dec. 31	27,367	9,260	18,107	36,777	22,652	14,125	15,246	8,990	6,256	50,155	30,474	19,681
1927—June 30	26,765	9,099	17,666	37,378	22,938	14,440	15,373	9,818	6,555	51,662	31,269	20,393
Dec. 31	26,416	9,034	17,382	38,426	23,586	14,539	17,024	10,361	6,664	52,909	32,063	20,846
1928—June 30	25,941	8,929	17,012	39,483	24,303	15,180	17,782	10,758	7,024	53,398	32,133	21,265
Dec. 31	25,576	8,837	16,739	40,782	25,155	15,627	17,484	10,529	6,955	56,766	34,826	21,940
1929—June 29	25,110	8,707	16,403	41,531	25,658	15,873	16,943	10,052	6,891	53,852	32,284	21,567
Dec. 31	24,630	8,522	16,108	41,918	26,150	15,768	16,499	9,784	6,715	55,289	33,865	21,424
1930—June 30	23,852	8,315	15,537	40,638	25,214	15,424	17,471	10,442	7,029	54,954	33,690	21,264
Dec. 31	22,769	8,052	14,717	38,135	23,870	14,264	18,074	10,989	7,085	53,089	32,560	20,479
1931—June 30	21,903	7,782	14,121	35,384	21,816	13,568	19,637	12,106	7,531	51,782	31,566	20,216
Dec. 31	19,966	7,246	12,720	31,305	19,261	12,045	18,399	11,314	7,084	45,821	27,432	18,389
1932—June 30	19,046	6,980	12,066	27,834	16,587	11,247	18,237	11,414	6,823	41,963	24,755	17,208
Dec. 31	18,390	6,816	11,574	26,063	15,204	10,859	18,883	12,265	6,617	41,643	24,803	16,840
1933—June 30 [4]	[5] 14,519	5,606	[5] 8,913	[5] 22,203	12,858	[5] 9,345	[5] 17,872	11,928	[5] 5,944	[5] 37,998	23,338	[5] 14,659
Dec. 30	[5] 15,011	6,011	[5] 9,000	[5] 21,977	12,833	[5] 9,144	[5] 18,342	12,386	[5] 5,956	[5] 38,505	23,771	[5] 14,734
1934—June 30	15,835	6,375	9,460	21,278	12,523	8,755	21,224	14,652	6,571	41,870	26,615	15,255
Dec. 31	16,042	6,442	9,600	20,474	12,028	8,446	22,984	16,122	6,862	44,771	28,943	15,828

[1] Comprises all national banks in continental United States and all State commercial banks, trust companies, savings banks, and such private and industrial banks as are included in abstracts by State banking departments. Also includes, beginning June 1934, private banks which, under provisions of the Banking Act of 1933, have agreed to examination by the Comptroller of the Currency or a Federal Reserve bank.
[2] Date of reports of member banks; figures for nonmember banks are as of nearest available date.
[3] Exclusive of interbank deposits.
[4] Beginning June 30, 1933, all figures (other than for mutual savings banks) relate to licensed banks only with some exceptions as to nonmember banks.
[5] Revised.

Source of tables 249 and 250: Federal Reserve Board.

No. 251.—ALL REPORTING BANKS: Number, Resources, Capital and Surplus, and Deposits, on or About June 30

Note.—See headnote, table 252

[All figures, except number of banks, in millions and tenths of millions of dollars]

Year	Number of banks	Total resources	Capital and surplus	Demand and time deposits[1]	Year	Number of banks	Total resources	Capital and surplus	Deposits[1]	
									Demand	Time
1890	8,201	6,357.6	1,416.3	4,072.5	1924	29,348	57,144.7	6,081.6	42,903.8	
1895	9,818	7,609.5	1,621.3	4,921.2	1925	28,841	62,057.0	6,343.0	46,715.2	
1900	10,382	10,785.8	1,673.1	7,238.9	1926	28,146	64,893.4	6,745.3	48,826.6	
1905	16,410	16,918.2	2,516.8	11,350.7	1927	27,061	68,132.6	7,141.0	51,062.1	
1910	23,095	22,450.3	3,427.8	14,963.7	1928	26,213	71,574.3	7,671.1	53,244.7	
1915	27,062	27,804.1	3,895.8	18,965.7	1929	25,330	72,172.5	8,408.7	24,350.2	28,787.6
1919	29,123	47,615.4	4,619.4	32,629.3	1930	24,070	74,020.1	8,858.4	24,098.5	29,465.4
1920	30,139	53,079.1	5,113.0	37,268.1	1931	22,071	70,209.1	8,462.8	21,326.2	29,159.4
1921	30,812	49,671.4	5,446.0	34,790.9	1932	19,163	57,245.1	7,375.9	16,405.6	24,774.4
1922	30,389	50,425.4	5,641.4	37,143.5	1933[2]	14,624	51,301.9	6,270.9	15,258.8	21,417.8
1923	30,178	54,034.9	5,851.9	39,983.6	1934[2]	15,894	56,159.9	[3]6,733.5	17,585.5	22,552.3

[1] Exclusive of interbank demand deposits and U. S. deposits. For banks other than national, figures prior to 1929 include in addition to demand and time deposits shown in the original reports, a certain amount of deposits not classified as to demand and time. See table 253.
[2] Licensed banks (banks operating on an unrestricted basis).
[3] Includes capital notes and debentures.

Source: Comptroller of the Currency, Treasury Department.

No. 252.—ALL REPORTING BANKS: Number, Resources, Capital and Surplus, and Deposits for Each Class of Banks

Note.—Banks in Alaska, Hawaii, Puerto Rico, and Philippine Islands are included. Data are as of June 30 or about June 30, except data for the earlier years for banks other than national, for which reports were of various dates. Figures for private banks and for other banks except national for earlier years, especially 1875, 1880, and 1885, are incomplete. Prior to 1910, figures for State banks include stock savings banks and loan and trust companies in a number of States, and in some instances private banks. Deposits exclude interbank demand deposits and U. S. deposits; they also exclude dividends unpaid and, beginning 1910, certified and cashiers' checks, items at one time included in original figures for demand deposits; they include postal savings.

[All figures, except number of banks, in millions and tenths of millions of dollars]

Year	National banks				State (commercial) banks			
	Number of banks	Total resources	Capital and surplus	Demand and time deposits[1]	Number of banks	Total resources	Capital and surplus	Demand and time deposits[1]
1830					329		[2] 110.2	40.8
1840					901	657.7	[2] 358.4	75.7
1850					824	532.3	[2] 217.3	109.6
1860					1,562	999.9	[2] 421.9	253.8
1865	1,294	1,126.5	357.1	398.4	349	[3] 231.0	[2] 71.2	[3] 60.0
1870	1,612	1,565.8	518.9	542.3	325	[3] 215.1	[2] 86.5	[3] 55.9
1875	2,076	1,913.2	634.7	686.5	551	272.3	75.9	165.9
1880	2,076	2,035.5	574.0	838.7	620	354.9	109.6	208.8
1885	2,689	2,421.9	672.8	1,105.4	975	553.6	155.9	344.3
1890[4]	3,484	3,061.8	854.7	1,521.7	2,289	884.3	245.0	562.6
1895	3,715	3,470.6	906.0	1,736.0	3,774	1,147.5	324.5	712.4
1900	3,732	4,944.2	877.8	2,458.1	4,369	1,750.8	328.4	1,266.7
1905	5,668	7,327.8	1,205.0	3,783.7	7,794	3,190.9	534.2	2,365.2
1910	7,145	9,896.6	1,634.4	5,070.5	12,166	3,695.0	623.4	2,675.4
1915	7,605	11,795.7	1,790.6	6,426.2	14,598	4,399.6	725.1	3,231.0
1920	8,030	23,411.3	2,210.6	13,671.8	18,195	14,009.8	1,447.2	10,827.1
1921	8,154	20,517.9	2,300.1	12,373.4	[5] 18,875	14,199.1	1,642.9	10,664.4
1922	8,249	20,706.0	2,356.0	13,229.4	18,232	13,064.4	1,575.4	10,097.9
1923	8,241	21,511.8	2,399.5	14,008.7	18,043	14,162.9	1,612.9	11,120.6
1924	8,085	22,565.9	2,414.6	14,818.8	17,436	14,816.0	1,664.4	11,745.4
1925	8,072	24,350.9	2,488.4	16,320.7	16,983	15,979.2	1,706.7	12,672.8
1926	7,978	25,315.6	2,611.8	17,057.1	16,493	16,579.7	1,789.3	13,145.8
1927	7,796	26,581.9	2,731.1	18,202.8	16,690	16,565.0	1,814.0	12,923.7
1928	7,691	28,508.2	3,013.6	19,300.4	15,078	16,291.0	1,788.7	12,725.1
1929	7,536	27,440.2	3,106.4	18,821.4	14,437	16,824.3	1,960.3	12,813.7
1930	7,252	29,116.5	3,335.3	19,678.8	13,582	15,269.9	1,827.8	11,589.9
1931	6,805	27,642.7	3,181.5	18,685.5	12,259	13,110.1	1,622.0	9,856.4
1932	6,150	22,367.7	2,828.4	15,206.3	10,455	9,478.8	1,332.2	6,646.5
1933 [6]	4,902	20,860.5	2,456.2	14,111.0	7,714	6,552.1	891.8	4,564.7
1934 [6]	5,422	23,901.6	2,591.9	16,172.1	8,348	[7] 972.0		5,298.0

For footnotes see p. 240.

No. 252.—All Reporting Banks: Number, Resources, Etc., for Each Class of Banks—Continued

Year	Number of banks	Total resources	Capital and surplus	Demand and time deposits [1]	Number of banks	Total resources	Capital and surplus	Demand and time deposits [1]
	Loan and trust companies				Private banks [8]			
1875	35	122.9	28.8	85.0				
1880	30	126.9	24.7	90.0	[2] 2,802		[3] [9] 76.1	[9] 182.7
1885	40	248.4	37.1	188.4				
1890 [4]	149	503.8	105.3	336.5	1,358	165.2	51.1	101.6
1895	242	807.1	173.1	546.7	1,070	130.6	40.4	81.8
1900	290	1,330.2	239.6	1,028.2	989	126.8	22.6	96.2
1905	633	2,866.0	524.4	1,980.9	1,028	165.2	20.4	127.9
1910	1,091	4,216.9	800.1	3,026.0	934	160.0	25.4	124.0
1915	1,664	5,873.1	927.5	4,177.8	1,036	177.7	29.0	134.1
1920	1,408	8,320.0	985.7	6,061.9	799	212.6	26.4	169.3
1921	1,474	8,181.1	1,053.5	5,601.5	708	175.3	24.0	133.7
1922	1,550	8,533.9	1,095.0	6,490.5	673	185.5	25.7	145.2
1923	1,643	9,499.3	1,198.1	6,825.3	604	165.5	22.4	131.4
1924	1,664	10,323.8	1,293.3	7,779.2	560	150.9	19.8	120.5
1925	1,680	11,565.5	1,366.7	8,530.4	523	155.2	19.5	126.2
1926	1,656	12,205.2	1,487.2	8,893.4	495	174.2	21.0	131.2
1927	1,647	13,004.8	1,678.0	10,074.2	467	164.1	19.3	123.2
1928	1,633	15,230.9	1,839.3	10,874.5	404	148.8	16.6	110.6
1929	1,608	16,155.2	2,395.8	10,945.6	391	156.5	19.4	105.5
1930	1,564	17,702.7	2,679.7	11,612.0	361	114.6	15.7	78.5
1931	1,469	16,861.0	2,588.0	10,650.5	284	82.1	12.0	59.1
1932	1,235	13,118.8	2,238.0	8,273.7	227	55.4	9.6	40.4
1933 [5]	1,029	11,996.3	1,803.3	7,462.6	184	46.9	8.2	29.9
1934 [6]	994	12,455.3	[7] 1,897.5	7,754.5	[10] 236	[10] 532.7	[10] 105.2	[10] 324.6
	Mutual savings banks [11] [12]				Stock savings banks [11]			
1880	629	881.7	51.2	819.1				
1885	646	1,203.0	88.6	1,095.2				
1890	637	1,486.6	126.1	1,336.0	284	256.0	34.1	214.0
1895	664	1,756.7	136.0	1,597.3	353	297.0	41.3	247.0
1900	652	2,336.5	175.8	2,134.5	350	288.4	29.1	255.2
1905	668	2,907.3	184.6	2,736.5	569	400.9	39.2	356.5
1910	638	3,652.4	249.2	3,360.6	1,121	829.4	95.3	707.2
1915	630	4,319.4	289.7	3,950.6	1,529	1,238.7	133.9	1,046.0
1920	620	5,619.0	334.5	5,186.8	1,087	1,506.4	108.6	1,351.2
1921	623	6,040.1	366.4	5,575.1	[6] 978	557.9	59.1	442.8
1922	619	6,351.6	468.2	5,778.9	1,066	1,583.9	121.0	1,401.7
1923	618	6,904.8	496.5	6,288.6	1,029	1,790.7	122.5	1,609.0
1924	613	7,364.7	558.8	6,693.2	990	1,923.4	130.7	1,746.5
1925	611	7,913.0	633.2	7,147.0	972	2,093.1	128.7	1,918.2
1926	620	8,422.3	703.0	7,577.5	904	2,196.4	133.0	2,021.5
1927	618	9,011.2	782.9	8,076.5	843	1,815.5	115.7	1,661.7
1928	616	9,688.2	851.6	8,672.8	791	1,707.2	111.4	1,561.2
1929	611	10,006.5	823.7	9,001.6	747	1,589.8	103.0	1,450.0
1930	606	10,295.3	898.9	9,215.6	714	1,521.1	101.0	1,389.2
1931	600	11,191.8	968.1	10,034.8	654	1,321.4	91.3	1,199.2
1932	594	11,134.1	890.0	10,038.8	502	1,090.2	77.7	974.3
1933 [6]	576	10,967.1	1,054.4	9,713.0	219	878.9	57.0	795.4
1934 [6]	578	11,065.1	[7] 1,101.8	9,779.9	316	906.0	[7] 65.1	808.8

[1] See footnote 1, table 251.
[2] Capital only.
[3] Estimated.
[4] Figures for State banks and private banks revised.
[5] In 1921 returns from California, which in 1920 had shown 106 stock savings banks, included all banks except 1 mutual savings bank with State banks, which accounts for part of the increase in State banks and the greater part of the decrease in stock savings banks. In subsequent years returns showed separate statistics for each class of banks.
[6] Licensed banks (*banks operating on an unrestricted basis*); *for mutual savings banks, figures include* banks having limitations on deposit withdrawals in certain States.
[7] Includes capital notes and debentures.
[8] For 1890 to 1933, figures include only banks under State supervision and others voluntarily reporting; for 1934, they include banks under State supervision and banks that have agreed to examination by the Comptroller of the Currency or a Federal Reserve bank under provisions of the Banking Act of 1933.
[9] Average for all private banks for the 6 months ended May 31, 1880, as reported to the Commissioner of Internal Revenue for taxation purposes.
[10] Revised figures.
[11] Stock savings banks included with mutual savings banks or State banks in 1880 and 1885. For deposits in savings banks for earlier years, see table 266, p. 250.
[12] Figures given under "Capital and surplus" are surplus funds only.

Source: Comptroller of the Currency, Treasury Department.

No. 253.—BANKS OTHER THAN NATIONAL: PRINCIPAL RESOURCES AND LIABILITIES

NOTE.—Data relate in general to June 30. Banks in Alaska, Hawaii, Puerto Rico, and Philippine Island are included

[All figures, except number of banks, in thousands of dollars]

	1915	1920	1925	1930	1932	1933[1]
Number reporting	19,457	22,109	20,769	16,827	13,013	9,722
Resources	16,008,445	29,667,855	37,706,174	44,903,585	34,877,420	30,441,417
Loans and discounts[2]	9,093,528	17,263,796	21,073,990	25,612,904	17,803,476	14,268,046
Investments	3,813,563	7,201,060	9,669,669	11,056,557	11,020,589	10,559,032
Lawful reserve	1,644,964	2,712,040	1,392,046	2,011,426	1,524,366	1,349,818
Other amounts due from banks			2,088,561	1,640,656	1,350,369	1,294,189
Exchanges for clearing house, checks, and other cash items	126,589	533,952	1,042,599	1,587,148	563,898	617,754
Cash on hand	599,945	626,027	591,681	523,463	453,223	384,078
All other	729,856	1,330,980	1,847,628	2,471,431	2,165,499	1,968,500
Liabilities	16,008,445	29,667,855	37,706,174	44,903,585	34,877,420	30,441,417
Capital stock	1,094,322	1,478,473	1,800,276	2,145,445	1,748,881	1,383,894
Surplus	1,010,829	1,423,962	2,054,406	3,377,660	2,798,645	2,430,723
Undivided profits—net				608,931	414,077	410,646
Reserves for contingencies[3]	325,022	429,473	525,728	173,314	297,050	303,471
Interest, taxes, and other expenses accrued and unpaid				43,608	27,832	34,683
Demand deposits				13,172,315	8,464,926	7,304,638
Time deposits[4]	12,539,469	23,596,312	30,394,519	20,712,790	17,508,749	15,200,894
Deposits not classified				117,199	8,000	27,016
United States deposits			39,119	41,758	211,038	410,738
Due to banks[5]	668,671	948,856	1,023,114	2,534,249	1,736,643	1,756,009
Bills payable and rediscounts	128,094	1,078,792	446,205	436,784	741,890	386,028
All other	242,037	711,987	822,717	1,539,532	919,689	732,617

	1934[1]					
	Total	State banks	Loan and trust companies	Stock savings banks	Mutual savings banks	Private banks (revised)
Number reporting	10,472	8,348	994	316	578	236
Resources	32,256,333	7,299,339	12,455,304	905,950	11,065,068	532,672
Loans and discounts[2]	13,733,410	2,927,258	4,629,248	397,112	5,647,310	132,482
Investments	11,940,941	2,284,990	4,786,651	353,341	4,256,662	259,297
Lawful reserve	2,006,368	612,635	1,228,159	54,859	61,428	49,287
Other amounts due from banks	1,837,960	726,640	633,810	41,585	397,371	38,554
Exchanges for clearing house, checks, and other cash items	312,890	78,992	228,727	2,378	2,239	554
Cash on hand	361,566	177,691	118,641	9,586	53,332	2,316
All other	2,065,198	491,133	830,068	47,089	646,726	50,182
Liabilities	32,256,333	7,299,339	12,455,304	905,950	11,065,068	532,672
Capital stock paid in[6]	1,820,959	719,742	971,034	45,876	28,700	55,607
Surplus	2,320,634	252,224	926,422	19,255	1,073,097	49,636
Undivided profits—net	386,131	87,240	146,950	5,109	144,353	2,479
Reserves for contingencies[7]	323,993	87,915	202,501	9,148	17,050	7,379
Interest, taxes, and other expenses accrued and unpaid	32,165	6,252	23,587	368	1,648	310
Demand deposits	8,304,546	2,897,956	5,087,330	76,162	2,526	240,572
Time deposits[4]	15,661,202	2,400,030	2,667,150	732,596	9,777,405	84,021
Deposits not classified	25,781	1,355	24,353		18	55
United States deposits	847,005	169,616	666,773	10,599		17
Due to banks[5]	1,853,847	407,003	1,397,994	5,644	150	43,056
Bills payable and rediscounts	172,371	94,792	57,329	436	6,369	13,445
All other	509,699	175,214	283,881	757	13,752	36,095

[1] Licensed banks (banks operating on an unrestricted basis).
[2] Includes rediscounts and overdrafts.
[3] Includes reserves for dividends prior to 1933.
[4] Includes postal savings.
[5] Includes certified and cashiers' checks and, beginning 1930, dividend checks and cash letters of credit and travelers' checks outstanding.
[6] Includes capital notes and debentures.
[7] Includes retirement fund for preferred stock, capital notes, and debentures.

Source: Comptroller of the Currency, Treasury Department.

No. 254.—ALL REPORTING BANKS[1] SUMMARY, BY STATES, JUNE 30, 1934

[All figures, except number of banks, in thousands of dollars]

Division and State	Number of banks	Total resources or liabilities	Loans and discounts, including rediscounts and overdrafts	Investments	Reserve with Federal Reserve banks or other reserve agents	Capital, surplus, and net undivided profits[2]	Demand deposits	Time deposits (including postal savings)
Grand total	15, 894	56, 159, 925	21, 431, 163	21, 289, 494	4, 503, 768	7, 376, 019	17, 586, 475	22, 552, 330
Continental U. S.	15, 840	55, 835, 621	21, 277, 537	21, 224, 317	4, 501, 719	7, 333, 729	17, 498, 974	22, 432, 414
New England	955	6, 889, 864	3, 185, 841	2, 521, 199	347, 311	785, 730	1, 215, 570	4, 339, 236
Maine	102	338, 332	116, 843	167, 128	10, 875	41, 015	61, 999	230, 117
New Hampshire	113	296, 183	111, 477	154, 389	4, 096	36, 757	30, 533	216, 180
Vermont	95	215, 361	99, 412	75, 575	2, 608	28, 176	19, 060	147, 946
Massachusetts	409	4, 219, 287	2, 000, 481	1, 450, 545	245, 316	459, 400	818, 304	2, 630, 741
Rhode Island	35	531, 511	202, 844	253, 551	35, 477	68, 921	92, 712	342, 639
Connecticut	201	1, 289, 190	652, 784	420, 011	48, 939	151, 461	202, 962	371, 814
Middle Atlantic	2, 456	26, 802, 338	10, 547, 071	10, 568, 737	2, 148, 956	3, 380, 263	7, 980, 092	10, 440, 792
New York	922	19, 459, 741	7, 957, 491	7, 415, 471	1, 662, 061	2, 755, 369	6, 020, 070	7, 110, 785
New Jersey	423	2, 069, 808	863, 826	774, 589	89, 354	261, 234	502, 285	1, 131, 669
Pennsylvania	1, 111	5, 272, 784	1, 695, 754	2, 378, 677	397, 541	843, 660	1, 457, 131	2, 198, 338
East North Central	3, 127	7, 407, 926	2, 404, 297	2, 763, 348	843, 859	886, 019	2, 984, 910	2, 349, 893
Ohio	687	1, 911, 309	759, 457	673, 705	166, 557	259, 697	630, 508	816, 930
Indiana	520	923, 919	213, 378	209, 164	33, 141	84, 760	256, 638	210, 132
Illinois	878	3, 121, 611	859, 587	1, 213, 735	432, 454	325, 402	1, 466, 143	662, 315
Michigan	435	1, 003, 035	298, 310	389, 092	121, 437	118, 935	387, 980	357, 750
Wisconsin	607	748, 052	273, 365	277, 652	90, 270	97, 225	243, 641	302, 766
West North Central	3, 625	3, 409, 840	1, 038, 362	1, 274, 011	222, 549	397, 289	1, 498, 150	949, 504
Minnesota	601	858, 381	271, 754	353, 797	45, 950	88, 604	279, 816	341, 683
Iowa	622	470, 019	154, 547	164, 543	24, 766	52, 215	217, 383	144, 013
Missouri	702	1, 214, 775	348, 843	476, 957	90, 171	147, 342	591, 850	256, 688
North Dakota	211	75, 830	25, 800	28, 337	7, 273	12, 360	26, 336	30, 623
South Dakota	212	86, 801	28, 981	31, 465	3, 682	13, 984	38, 487	27, 301
Nebraska	435	317, 134	82, 743	110, 408	29, 142	33, 101	143, 154	68, 989
Kansas	752	385, 894	125, 689	108, 504	21, 565	49, 683	201, 124	80, 207
South Atlantic	1, 688	3, 059, 702	1, 082, 588	1, 116, 803	256, 545	425, 017	1, 061, 614	1, 139, 176
Delaware	49	178, 375	77, 265	68, 795	9, 281	40, 282	61, 720	65, 146
Maryland	102	709, 584	217, 603	373, 613	74, 585	90, 588	189, 498	389, 314
Dist. of Columbia	21	281, 985	88, 690	103, 375	29, 342	39, 422	119, 843	93, 094
Virginia	328	526, 172	246, 831	141, 251	21, 506	74, 481	155, 984	215, 407
West Virginia	181	283, 311	125, 597	79, 493	9, 811	44, 735	104, 284	109, 700
North Carolina	214	284, 797	96, 847	91, 195	54, 697	35, 349	122, 179	75, 171
South Carolina	126	107, 280	29, 107	33, 500	8, 153	12, 629	51, 326	26, 197
Georgia	322	375, 092	155, 499	99, 975	35, 314	56, 110	131, 418	104, 129
Florida	155	253, 106	45, 159	124, 606	12, 856	31, 421	115, 412	61, 017
East South Central	1, 204	1, 255, 841	500, 032	379, 533	49, 383	153, 368	437, 100	388, 167
Kentucky	444	437, 700	191, 911	137, 373	13, 610	63, 033	146, 742	133, 295
Tennessee	320	416, 072	159, 190	117, 305	16, 486	52, 473	139, 542	127, 760
Alabama	217	245, 858	95, 076	72, 764	14, 767	45, 125	86, 764	73, 593
Mississippi	214	156, 211	53, 855	52, 091	4, 520	22, 737	64, 052	53, 519
West South Central	1, 751	2, 041, 794	630, 042	659, 604	232, 141	280, 071	932, 902	399, 671
Arkansas	230	136, 210	47, 201	42, 833	22, 421	20, 864	67, 486	39, 607
Louisiana	147	329, 364	117, 007	107, 057	23, 762	38, 854	124, 760	90, 177
Oklahoma	417	368, 987	97, 226	136, 557	41, 820	43, 916	137, 097	82, 780
Texas	957	1, 207, 233	368, 608	373, 157	144, 138	176, 437	563, 559	187, 107
Mountain	544	758, 950	191, 761	294, 053	79, 148	83, 400	326, 061	249, 728
Montana	125	115, 285	27, 205	48, 445	19, 786	14, 678	49, 589	41, 353
Idaho	64	63, 821	15, 320	26, 388	2, 139	6, 865	33, 837	18, 198
Wyoming	63	52, 744	20, 242	14, 503	4, 142	6, 936	22, 547	18, 700
Colorado	162	272, 488	60, 361	111, 064	32, 782	27, 346	120, 627	87, 022
New Mexico	43	35, 625	9, 561	11, 872	3, 107	3, 855	21, 381	7, 593
Arizona	17	57, 208	14, 986	22, 490	8, 848	5, 718	28, 839	19, 469
Utah	60	123, 350	40, 487	49, 863	7, 168	16, 675	39, 695	50, 813
Nevada	10	18, 369	3, 599	9, 368	1, 176	1, 327	9, 546	6, 580
Pacific	590	4, 229, 371	1, 897, 733	1, 848, 029	322, 827	432, 582	1, 072, 575	2, 176, 248
Washington	202	418, 982	129, 778	179, 793	41, 908	46, 813	147, 976	156, 848
Oregon	105	229, 443	54, 283	114, 303	16, 730	20, 865	89, 718	90, 120
California	283	3, 580, 966	1, 513, 672	1, 353, 933	264, 189	364, 904	834, 881	1, 929, 280
Alaska	15	13, 159	3, 921	5, 308	----------	1, 712	4, 987	5, 422
Hawaii	14	106, 308	48, 547	33, 957	124	16, 762	29, 641	47, 245
Puerto Rico	14	58, 450	35, 863	2, 177	----------	5, 479	13, 977	16, 177
Philippine Islands	11	146, 327	65, 285	23, 735	1, 925	19, 237	37, 896	51, 072

[1] Licensed banks (banks operating on an unrestricted basis).
[2] Includes preferred stock where authorized and capital notes and debentures.

Source: Comptroller of the Currency, Treasury Department.

No. 255.—ALL REPORTING LICENSED BANKS: CLASSIFICATION OF LOANS AND INVESTMENTS AS OF JUNE 30, 1934

NOTE.—In millions and tenths of millions of dollars. In reports furnished for banks other than national for some States, the classification of loans and investments is incomplete; in such cases, the distribution has been estimated based on classifications reported to Federal Deposit Insurance Corporation

	Amount		Amount
Loans and discounts, total [1]	21,431.2	Obligations of:	
Real estate loans, mortgages, etc:		Reconstruction Finance Corporation	235.9
On farm land	714.0	Federal Farm Mortgage Corporation	63.3
On other real estate	8,445.9	Home Owners' Loan Corporation	368.4
Loans on securities (exclusive of loans to banks)	5,222.8	Federal land and intermediate credit banks	292.0
Loans to banks	163.9	States, counties, districts, political subdivisions, and municipalities [2]	3,350.8
Commercial paper bought in open market and notes, bills, and acceptances	632.1	Joint-stock land banks	37.0
All other loans (including overdrafts)	6,239.3	Bonds, notes, and debentures of railroads, public utilities, and other domestic corporations [3]	4,753.3
Investments, total	21,289.5	Stock of Federal Reserve banks and other domestic corporations	770.5
United States Government securities (direct obligations)	10,995.7	Foreign securities	422.6

[1] Includes rediscounts and overdrafts.
[2] Includes United States territories and possessions.
[3] Not including stock.

No. 256.—NATIONAL BANKS: PRINCIPAL RESOURCES AND LIABILITIES

NOTE.—All figures, except number of banks, in millions of dollars. Data include banks in Alaska and Hawaii. Loans and discounts include rediscounts and overdrafts; they exclude acceptances of other banks and bills of exchange or draft sold with indorsement beginning 1921. Undivided profits include, prior to 1929, reserves for dividends, contingencies, etc., and prior to 1925, also reserves for taxes, interest, etc., accrued. Investments include securities borrowed prior to 1903; thereafter, figures represent securities owned. Deposits exclude interbank demand deposits and U. S. deposits; they also exclude dividends unpaid and, beginning 1910, certified and cashiers' checks outstanding, items at one time included in original figures for demand deposits; they include postal savings

On or about June 30—	Number of banks	Loans and discounts	Investments	Capital, surplus, undivided profits	Demand and time deposits	Note circulation	On or about June 30—	Number of banks	Loans and discounts	Investments	Capital, surplus, undivided profits	Demand and time deposits	Note circulation
1865	1,294	362	407	380	398	131	1902	4,535	3,247	945	1,184	3,009	309
1870	1,612	719	453	562	542	291	1903	4,930	3,442	1,025	1,286	3,201	359
1871	1,723	789	456	594	602	308	1904	5,331	3,622	1,096	1,349	3,312	400
1872	1,853	872	450	626	619	327	1905	5,668	3,930	1,205	1,407	3,784	446
1873	1,968	926	445	662	641	339	1906	6,053	4,237	1,241	1,494	4,056	511
1874	1,983	926	451	676	623	339	1907	6,429	4,664	1,362	1,508	4,323	548
1875	2,076	973	443	687	686	318	1908	6,824	4,640	1,520	1,672	4,375	614
1876	2,091	934	427	679	641	294	1909	6,926	5,061	1,613	1,748	4,899	641
1877	2,078	902	431	656	630	290	1910	7,145	5,456	1,576	1,857	5,071	676
1878	2,056	885	460	629	622	300	1911	7,277	5,634	1,726	1,940	5,314	682
1879	2,048	836	715	615	649	307	1912	7,372	5,974	1,823	1,999	5,671	709
1880	2,076	995	451	624	834	318	1913	7,473	6,162	1,846	2,053	5,829	722
1881	2,115	1,145	484	642	1,032	312	1914	7,525	6,446	1,871	2,058	6,125	723
1882	2,239	1,209	471	660	1,067	309	1915	7,605	6,665	2,026	2,105	6,426	723
1883	2,417	1,286	465	707	1,043	312	1916	7,579	7,769	2,321	2,103	7,830	676
1884	2,625	1,270	449	739	979	295	1917	7,604	8,992	2,962	2,218	9,321	660
1885	2,689	1,258	432	725	1,106	269	1918	7,705	10,165	3,837	2,279	10,006	682
1886	2,809	1,399	407	760	1,146	245	1919	7,785	11,027	4,811	2,418	11,865	677
1887	3,014	1,560	329	806	1,285	167	1920	8,030	13,637	4,051	2,684	13,672	688
1888	3,120	1,628	356	842	1,292	155	1921	8,154	11,980	3,922	2,796	12,373	704
1889	3,239	1,779	323	875	1,442	129	1922	8,249	11,193	4,518	2,848	13,229	726
1890	3,484	1,934	311	935	1,522	126	1923	8,241	11,780	5,032	2,876	14,009	720
1891	3,652	1,964	309	988	1,535	124	1924	8,085	11,958	5,107	2,916	14,819	730
1892	3,759	2,128	347	1,011	1,753	141	1925	8,072	12,596	5,705	2,970	16,321	648
1893	3,807	2,020	357	1,029	1,557	155	1926	7,978	13,327	5,842	3,089	17,057	651
1894	3,770	1,944	435	1,001	1,678	172	1927	7,796	13,854	6,393	3,240	18,203	651
1895	3,715	2,017	447	987	1,736	179	1928	7,601	14,227	7,147	3,571	19,300	649
1896	3,689	1,972	464	983	1,668	199	1929	7,536	14,811	6,657	3,594	18,821	649
1897	3,610	1,978	484	962	1,770	197	1930	7,252	14,897	6,888	3,881	19,679	652
1898	3,582	2,164	555	955	2,023	190	1931	6,805	13,185	7,675	3,625	18,686	639
1899	3,583	2,508	652	947	2,522	199	1932	6,150	10,286	7,197	3,131	15,206	652
1900	3,732	2,644	775	1,013	2,458	265	1933 [1]	4,902	8,120	7,372	2,892	14,111	730
1901	4,165	2,981	886	1,062	2,942	319	1934 [1]	5,422	7,698	9,349	2,849	16,172	698

[1] Licensed banks (banks operating on an unrestricted basis).

Source of tables 255 and 256: Comptroller of the Currency, Treasury Department.

No. 257.—NATIONAL BANKS: PRINCIPAL RESOURCES AND LIABILITIES AS OF DEC. 31

NOTE.—All figures in millions of dollars. Data include banks in Alaska and Hawaii

	1914	1920	1922	1924	1925	1926	1927	1928	1929
RESOURCES									
Total resources [1]	11,357	22,799	21,975	24,331	25,852	25,684	28,164	30,589	28,882
Loans and discounts [2 3]	6,363	13,544	11,552	12,218	13,423	13,487	14,647	15,291	15,160
United States Government securities owned	760	1,991	2,522	2,558	2,490	2,283	2,748	3,009	2,612
Other bonds, stocks, securities, etc., owned	1,305	1,986	2,344	3,073	3,248	3,508	4,152	4,119	3,846
Reserve with Federal reserve banks	262	1,185	1,221	1,394	1,377	1,359	1,509	1,490	1,348
Due from banks [4]	1,453	2,295	2,636	3,350	3,427	3,178	2,953	4,185	3,413
Cash in vault	735	494	392	410	390	353	361	388	393
LIABILITIES									
Capital stock	1,066	1,272	1,317	1,335	1,379	1,411	1,529	1,616	1,704
Surplus	727	1,020	1,076	1,089	1,167	1,217	1,314	1,490	1,548
Undivided profits [5]				442	476	477	531	492	497
Reserves for dividends, contingencies, etc. [5]	282	564	529					85	92
Reserves for interest, taxes, etc., accrued				61	59	61	76	67	72
Circulation outstanding	849	694	724	715	648	646	650	650	646
Due to banks [6]	2,003	2,934	3,266	3,908	3,696	3,431	3,661	4,074	3,146
Demand deposits	4,934	9,501	9,529	10,326	11,112	10,730	11,230	11,781	11,089
Time deposits [7]	1,207	3,632	4,319	5,581	6,047	6,533	7,808	8,307	8,434
United States deposits [8]	72	212	304	153	193	138	169	186	103
Bills payable and rediscounts [9]	132	2,343	512	267	526	530	481	785	546

	1930	1931	1932	1933 [9]	1934 [9] All banks	1934 [9] Central reserve cities	1934 [9] Other reserve cities	1934 [9] Country banks
RESOURCES								
Total resources [1]	28,800	24,662	23,311	21,747	25,630	6,148	10,192	9,289
Loans and discounts [2 3]	14,369	11,927	9,843	8,104	7,492	1,575	2,988	2,929
U. S. Government securities owned, direct obligations	2,655	3,176	3,761	4,469	6,262	1,642	2,906	1,715
Obligations fully guaranteed by U. S. Government					698	223	187	288
Other bonds, stocks, securities, etc., owned	4,457	4,025	3,823	3,402	[10] 3,496	[10] 646	[10] 1,039	[10] 1,812
Reserve with Federal Reserve banks	1,460	1,138	1,626	1,747	2,525	986	890	650
Due from banks [4]	3,338	2,293	2,518	2,313	3,451	673	1,583	1,194
Cash in vault	409	380	309	348	456	78	160	218
LIABILITIES								
Capital stock	1,722	1,621	1,634	1,588	1,786	444	590	753
Surplus	1,548	1,382	1,173	881	838	196	293	348
Undivided profits—net	516	352	270	236	281	46	103	113
Reserves for contingencies [11]	109	171	167	197	144	42	69	34
Reserves for interest, taxes, etc., accrued	64	53	46	45	39	13	16	10
Circulation outstanding	643	627	780	779	654	12	225	417
Due to banks [6]	3,342	2,301	2,612	2,290	3,363	1,307	1,711	345
Demand deposits	10,639	9,071	8,277	8,352	10,410	3,086	3,932	3,391
Time deposits [7]	8,727	7,610	7,377	6,393	7,016	578	2,726	3,712
United States deposits [8]	163	261	253	555	887	283	467	138
Bills payable and rediscounts [9]	256	555	349	82	8		[12]	8

[1] Includes unspecified items.
[2] Includes rediscounts and overdrafts.
[3] Excludes acceptances of other banks and bills of exchange or drafts sold with indorsement beginning 1922.
[4] Includes exchanges for clearing house and other checks on local banks and, beginning 1918, items with the Federal reserve banks in process of collection. The figure for 1914 includes $584,000,000 due from approved reserve agents.
[5] Reserves for dividends, contingencies, etc., included in undivided profits prior to 1928.
[6] Includes certified and cashiers' checks, cash letters of credit and travelers' checks, and, beginning 1927, dividend checks outstanding.
[7] Includes postal savings deposits.
[8] Exclusive of postal savings.
[9] Licensed banks (banks operating on an unrestricted basis).
[10] Includes Home Owners' Loan Corporation 4-percent bonds guaranteed by United States as to interest only.
[11] Includes reserves for dividends prior to 1932 and in 1934, preferred stock retirement fund.
[12] Less than $500.

Source: Comptroller of the Currency, Treasury Department.

No. 258.—NATIONAL BANKS:[1] SUMMARY, BY STATES, DEC. 31, 1934

NOTE.—All money figures in thousands of dollars. Figures include reserve cities in each State

Division and State	Number of banks	Total resources or liabilities	Loans and discounts (incl. rediscounts)[2]	Investments	Reserve with Federal Reserve banks	Capital, surplus, and net undivided profits	National bank circulation	Demand deposits	Time deposits (including postal savings)
Grand total	5,467	25,629,580	7,491,967	10,455,932	2,525,448	2,885,788	654,456	10,410,202	7,015,807
Continental U. S.	5,462	25,580,932	7,475,377	10,434,955	2,525,448	2,880,258	650,935	10,393,761	6,996,314
New England	333	2,078,097	739,110	719,779	207,626	274,257	44,298	879,278	519,491
Maine	40	123,776	35,611	61,126	9,002	16,270	3,968	31,278	66,172
New Hampshire	52	75,447	27,845	31,040	3,590	13,358	4,094	30,233	20,947
Vermont	43	57,742	20,609	26,777	2,663	9,467	3,941	12,666	29,121
Massachusetts	132	1,434,038	508,993	465,597	168,015	181,734	16,483	636,001	288,897
Rhode Island	12	102,643	38,959	39,374	8,930	15,673	5,753	52,744	18,168
Connecticut	54	284,551	107,093	95,865	15,426	37,755	9,159	116,357	96,186
Middle Atlantic	1,408	8,795,644	2,545,894	3,818,067	950,793	1,135,028	172,638	3,437,717	2,177,997
New York	461	5,273,040	1,477,975	2,237,251	702,503	658,773	52,081	2,414,658	796,938
New Jersey	236	776,597	247,219	338,946	48,882	92,417	25,314	253,543	367,062
Pennsylvania	711	2,746,007	820,700	1,241,870	199,408	383,838	95,243	829,516	1,013,997
East North Central	861	4,720,153	1,122,696	2,026,466	572,135	462,955	90,224	2,206,646	1,149,444
Ohio	253	920,380	260,872	402,287	64,855	110,750	34,367	377,623	293,046
Indiana	125	353,753	75,372	143,788	38,710	37,833	13,965	158,602	91,001
Illinois	292	2,436,682	551,693	1,011,949	392,094	216,853	19,750	1,219,763	448,585
Michigan	85	583,819	113,149	281,926	42,001	54,880	9,330	289,435	166,202
Wisconsin	106	425,519	121,610	186,516	34,385	42,609	12,812	161,163	150,610
West North Central	887	2,133,259	514,151	866,645	213,764	197,498	53,046	921,002	489,808
Minnesota	211	695,102	183,284	284,087	67,585	66,894	20,314	267,859	205,588
Iowa	123	226,100	58,149	95,019	19,789	21,117	6,375	105,442	50,956
Missouri	90	597,353	133,828	251,741	60,181	48,158	7,665	255,237	106,793
North Dakota	69	60,595	13,779	25,812	3,855	7,537	2,110	24,171	22,603
South Dakota	64	56,441	13,468	22,985	5,459	7,353	1,508	26,205	16,158
Nebraska	138	254,723	56,697	107,381	32,338	22,805	6,700	117,466	45,864
Kansas	192	289,945	54,966	79,620	24,557	23,634	8,374	124,532	42,856
South Atlantic	471	1,631,601	498,923	647,200	126,944	180,040	54,094	634,671	487,724
Delaware	16	21,379	8,323	9,647		785	4,914	1,203	5,261	9,148
Maryland	63	315,187	54,995	183,635	29,005	27,397	4,952	109,132	96,514
Dist. of Columbia	9	170,489	41,412	67,263	22,113	16,523	2,402	82,406	47,480
Virginia	133	346,994	136,570	117,784	20,875	43,389	18,120	106,537	134,455
West Virginia	79	152,622	58,136	50,343	10,501	20,233	9,136	58,854	54,668
North Carolina	44	92,659	30,501	27,524	8,593	11,536	3,174	45,377	24,976
South Carolina	19	54,217	15,652	17,552	3,801	5,775	2,422	28,142	10,539
Georgia	58	266,621	112,453	73,869	16,949	28,528	5,224	97,528	66,433
Florida	50	211,433	40,881	99,583	14,322	21,745	8,061	101,434	43,511
East South Central	289	812,236	295,145	280,261	49,236	98,677	39,753	301,407	237,581
Kentucky	99	215,994	74,048	88,999	14,274	25,063	10,306	84,395	61,157
Tennessee	73	329,806	121,815	106,004	16,910	34,603	16,047	112,611	99,426
Alabama	72	204,039	79,906	61,680	14,049	31,971	11,191	79,234	53,768
Mississippi	25	62,397	19,376	23,568	4,003	7,040	2,209	25,167	23,230
West South Central	754	1,743,098	501,855	584,240	162,571	193,198	63,821	789,741	317,813
Arkansas	51	88,602	29,401	31,634	7,836	10,464	3,466	38,299	25,433
Louisiana	30	264,240	84,519	82,109	23,939	22,145	8,659	105,257	60,215
Oklahoma	217	326,801	83,767	125,647	25,633	38,401	9,286	156,459	67,386
Texas	456	1,063,453	304,168	344,850	105,163	122,188	42,210	489,726	164,779
Mountain	229	546,124	107,077	226,491	54,431	50,089	16,060	256,480	156,433
Montana	46	76,936	12,223	33,843	7,661	8,484	1,886	36,658	23,246
Idaho	25	33,032	5,811	15,340	2,667	3,024	1,301	17,793	8,992
Wyoming	26	41,256	11,341	13,324	4,071	4,478	1,355	17,820	13,615
Colorado	81	251,140	47,816	103,769	27,253	21,589	6,628	112,819	72,201
New Mexico	24	34,790	6,991	11,712	5,292	2,950	1,155	22,396	6,082
Arizona	8	24,963	5,147	9,752	1,633	2,424	857	12,696	6,976
Utah	13	66,044	15,241	26,652	4,911	6,004	2,471	27,000	18,926
Nevada	6	17,963	2,507	10,099	943	1,127	407	9,298	6,395
Pacific	250	3,120,722	1,150,526	1,265,816	187,948	288,518	118,601	906,818	1,460,023
Washington	67	292,913	76,106	130,160	21,110	31,660	16,023	123,871	76,042
Oregon	53	208,199	41,772	96,382	12,329	17,231	7,599	88,191	72,950
California	130	2,619,610	1,032,648	1,039,274	154,509	239,626	92,979	694,756	1,311,031
New York City[3]	*10*	*4,188,190*	*1,126,636*	*1,714,234*	*641,697*	*520,171*	*9,436*	*2,079,489*	*285,688*
Chicago[3]	*13*	*1,969,222*	*448,256*	*796,377*	*344,195*	*166,093*	*3,000*	*1,006,977*	*292,058*
Alaska	4	5,367	1,277	2,083		526	171	2,489	1,766
Hawaii	1	43,281	15,313	18,894		5,004	3,350	13,952	17,827

[1] Licensed banks (banks operating on an unrestricted basis.)
[2] Includes overdrafts.
[3] Central Reserve city banks; included in figures for respective States.

Source: Comptroller of the Currency, Treasury Department.

No. 259.—NATIONAL BANKS: Dividends and Earnings

NOTE.—Ratios are based on capital and surplus as reported at the end of the fiscal year. Net additions to profits are calculated before deducting dividends. Data include banks in Alaska and Hawaii

Yearly average or year (years ended June 30) [1]	Amount (millions of dollars)		Ratio (percent)			Year ended June 30—	Amount (millions of dollars)		Ratio (percent)		
	Net addition to profits	Dividends	Dividends to capital	Dividends to capital and surplus	Net addition to profits to capital and surplus		Net addition to profits	Dividends on common stock	Dividends on common stock to common capital	Dividends on common stock to common capital and surplus	Net addition to profits to common capital and surplus
1891–1895	62.7	49.0	7.3	5.4	6.9	1921	216.1	158.2	12.42	6.88	9.40
1896–1900	52.4	45.0	7.2	5.1	6.0	1922	183.7	165.9	12.69	7.04	7.79
1901–1905	102.2	64.0	9.2	6.2	10.0	1923	203.5	179.2	13.48	7.47	8.48
1906–1910 [2]	140.7	97.9	11.13	6.91	9.93	1924	195.7	163.7	12.27	6.78	8.11
1911	157.0	114.7	11.38	6.83	9.35	1925	223.9	165.0	12.05	6.63	9.00
1912	149.1	120.3	11.66	6.93	8.59	1926	249.2	173.8	12.30	6.65	9.54
1913	161.0	119.9	11.40	6.75	9.06	1927	252.3	180.8	12.26	6.62	9.24
1914	140.3	120.9	11.37	6.80	8.39	1928	270.2	205.4	12.88	6.81	8.96
1915	127.1	113.7	10.63	6.33	7.08	1929	301.8	222.7	13.68	7.17	9.72
1916	157.5	114.7	10.76	6.38	8.76	1930	246.3	237.0	13.59	7.11	7.38
1917	194.3	125.5	11.61	6.79	10.52	1931	52.5	211.3	12.52	6.64	1.65
1918	212.3	120.8	11.82	6.78	11.09	1932	[3] 139.8	169.2	10.78	5.98	[3] 4.94
1919	240.4	135.6	12.15	6.83	12.11	1933	[3] 818.4	[4] 99.1	6.77	4.12	[3] [5] 9.08
1920	282.1	147.8	12.10	6.70	12.78	1934	[3] 803.5	[4] 72.4	5.46	3.32	[3] [5] 13.92

[1] Mar. 1 prior to 1907. [2] Annual average for the period Mar. 1, 1905 to July 1, 1910. [3] Deficit.
[4] Dividends on preferred stock amounted to $22,000 for 1933 and $3,430,000 for 1934.
[5] Ratio of deficit to common and preferred capital and surplus; 1933, 8.89 percent; 1934, 11.71 percent.

Source: Comptroller of the Currency, Treasury Department.

No. 260.—NATIONAL BANKS: Classification of Loans and Investments as of Dec. 31

[All figures in millions and tenths of millions of dollars]

	1930	1931	1932	1933	1934
Loans and discounts, total [1]	14,369.4	11,926.8	9,847.7	8,104.2	7,492.0
Real estate loans, mortgages, deeds of trust, and other liens on real estate	1,576.2	1,684.9	1,641.0	1,339.7	1,300.9
On farm land	301.7	291.9	297.5	258.6	218.3
On other real estate	1,274.5	1,393.0	1,343.5	1,081.2	1,082.5
Loans secured by U. S. Government and other securities (exclusive of loans to banks)	5,112.8	3,883.0	3,198.1	2,707.7	2,369.9
Loans to banks and trust companies	407.8	433.2	310.3	188.6	106.5
On securities	190.9	244.1	166.4	105.9	35.5
All other	216.9	189.1	143.8	82.7	71.0
Commercial paper bought in open market	279.5	97.2	55.5	81.8	164.2
Acceptances of other banks payable in United States	162.6	69.1	153.1	104.9	88.5
Notes, bills, acceptances, and other instruments evidencing loans payable in foreign countries	35.4	24.8	20.6	32.5	16.2
All other loans, incl. reporting banks' own acceptances purchased or discounted and overdrafts	6,788.2	5,734.6	4,469.1	3,048.9	3,442.5
MEMORANDA					
Loans secured by U.S. Government obligations	118.0	124.0	92.7	127.7	111.8
Total loans eligible for rediscounts with Federal Reserve banks	2,490.9	1,826.9	1,518.9	1,440.6	1,439.6
Investments, total	7,092.1	7,201.4	7,583.4	7,870.8	10,455.9
U. S. Government securities, direct obligations	2,654.8	3,176.5	3,760.9	4,469.1	6,262.1
Obligation fully guaranteed by United States:					
Reconstruction Finance Corporation					186.0
Federal Farm Mortgage Corporation					183.6
Home Owners' Loan Corporation					328.6
Obligations of—					
Home Owners' Loan Corporation, guaranteed as to interest only					72.0
Federal land and intermediate credit banks [2]					185.5
States, counties, districts, municipalities, etc., including territories and possessions	1,107.9	1,093.8	1,178.9	1,180.5	1,344.2
Joint-stock land banks [2]					15.9

[1] Includes rediscounts and overdrafts. [2] Not reported separately prior to 1934.

No. 260.—National Banks: Classification of Loans and Investments as of Dec. 31—Continued

[All figures in millions and tenths of millions of dollars]

	1930	1931	1932	1933	1934
Investments—Continued.					
Bonds, notes, and debentures (not including stock) of other domestic corporations:					
Railroads	699.1	679.9	630.3	524.1	576.2
Public utilities	815.6	721.3	653.0	530.7	509.9
Other domestic corporations	1,040.4	891.7	794.1	652.3	410.6
Stock of Federal Reserve banks	99.9	94.0	93.5	86.4	89.9
Stock of other corporations	112.5	106.7	98.7	156.2	138.3
Claims, judgments, etc	40.7	35.7	43.5	36.7	(3)
Foreign securities:					
Central governments	254.4	198.3	176.6	136.4	70.8
All other, including municipalities, etc	266.6	202.7	154.0	98.4	82.5

[3] Not reported with investments for 1934.

No. 261.—INSURED AND NONINSURED COMMERCIAL BANKS: Accounts and Deposits, by Size of Deposits, as of Oct. 1, 1934

[Depositors in thousands; deposits in millions and tenths of millions of dollars]

Size of deposits	Insured banks							Noninsured banks [1]	
		Number of depositors			Deposits				
	Number of banks	Total	Fully insured	Ratio fully insured to total, percent	Total	Insured	Ratio insured to total, per cent	Number of banks	Total deposits
Total	14,060	49,751	49,021	98.5	35,987.5	15,654.5	43.5	1,091	512.8
$100,000 and under	1,513	620	619	99.7	100.4	92.0	91.7	426	24.1
$100,001 to $250,000	3,593	2,748	2,736	99.6	611.9	532.0	86.9	349	55.1
$250,001 to $500,000	3,115	4,126	4,103	99.4	1,110.8	923.5	83.1	169	58.6
$500,001 to $750,000	1,478	2,997	2,977	99.3	903.3	721.2	79.9	54	32.8
$750,001 to $1,000,000	943	2,595	2,576	99.3	813.4	630.8	77.5	27	23.2
$1,000,001 to $2,000,000	1,631	6,256	6,199	99.1	2,280.1	1,701.6	74.6	34	46.1
$2,000,001 to $5,000,000	1,060	7,509	7,422	98.8	3,193.5	2,207.0	69.1	16	49.3
$5,000,001 to $50,000,000	631	12,042	11,840	98.3	8,026.6	3,980.7	49.6	16	223.5
$50,000,001 and over	96	10,857	10,549	97.2	18,947.0	4,865.7	25.7	------	------

[1] Deposits as reflected in Rand-McNally Bankers' Directory for July 1934.

No. 262.—*INSURED BANKS*: Accounts and Deposits, by Class of Banks, as of Oct. 1, 1934

[Depositors in thousands; deposits in thousands of dollars]

Class of bank	Number of banks	Number of depositors			Deposits		
		Total	Fully insured	Ratio fully insured to total, percent	Total	Insured	Ratio insured to total, percent
Grand total, all banks	14,128	51,246	50,423	98.4	37,025,263	13,455,097	44.4
All banks exclusive of mutual savings banks	14,060	49,751	49,021	98.5	35,987,524	15,654,470	43.5
National banks	5,451	26,376	25,970	98.5	20,072,651	8,490,513	42.3
State banks members Federal Reserve	970	9,561	9,362	97.9	10,971,043	3,583,075	32.7
State banks not members Federal Reserve	7,639	13,814	13,689	99.1	4,943,830	3,580,882	72.4
All mutual savings banks	68	1,495	1,402	93.8	1,037,739	800,627	77.2
Maximum insurance $5,000	44	908	889	97.9	466,844	412,727	88.4
Maximum insurance $2,500	24	587	513	87.4	570,895	387,900	68.0

Sources: Table 260, Comptroller of the Currency, Treasury Department; tables 261 and 262, Federal Deposit Insurance Corporation.

No. 263.—CERTAIN MAJOR ITEMS OF SAVINGS OF THE UNITED STATES

NOTE.—In millions of dollars. The last column should not be added to other items, as there is much duplication between it and them. For example, banks and insurance companies both invest their assets in securities of corporations. On the other hand, many forms of savings, some of large amount, are not listed

Calendar year (except as noted)	Increase in savings and other time deposits, all banks [1]	Increase in assets of building and loan associations [2]	Premiums paid to life-insurance companies, less operating expenses			Additions to surpluses of corporations [3]	New capital issues
			Total	Ordinary companies	Industrial companies		
1913	144	111	524	374	150	----------	----------
1920	2,148	408	931	613	318	----------	3,635
1921	1,312	356	1,086	717	369	----------	3,577
1922	1,078	452	1,166	747	419	1,747	4,304
1923	2,148	600	1,295	806	489	2,528	4,304
1924	1,462	823	1,483	916	567	1,575	5,593
1925	1,945	743	1,690	1,043	647	2,957	6,220
1926	1,562	825	1,873	1,145	729	2,335	6,344
1927	1,395	822	2,079	1,269	810	1,115	7,791
1928	2,322	860	2,296	1,372	924	2,479	8,114
1929	[4] 195	679	2,430	1,433	997	2,320	10,183
1930	261	129	2,573	1,493	1,079	[4] 4,255	7,023
1931	[4] 259	[4] 412	2,730	1,588	1,142	[4] 7,327	3,116
1932	[4] 3,938	[4] 667	2,594	1,449	1,145	[4] 8,001	1,192
1933	[4] 2,857	[4] 773	2,421	1,367	1,054	----------	710
1934	742	[4] 627	2,564	1,487	1,077	----------	1,419

[1] See note 1, table 264. Data are for fiscal years ended June 30.
[2] Includes data for fiscal years for some States.
[3] Net profit less cash dividends and income and profits tax as compiled from income-tax returns.
[4] Decrease.

Sources: See sources of tables 186, 264, 270, 306, and 323.

No. 264.—SAVINGS AND OTHER TIME DEPOSITS AND DEPOSITORS IN BANKS AND TRUST COMPANIES: CONTINENTAL UNITED STATES

NOTE.—Savings and other time depositors in State banks and trust companies, stock savings and private banks, are not shown for earlier years, as data are very incomplete. Figures for this class of banks and totals exclude 6 States in 1926 and 1927, 4 in 1928 to 1930, 3 in 1931, 2 in 1932 and 1933 and one in 1934, and include for a number of others incomplete or estimated data or data for an earlier year

On or about June 30—	Savings and other time deposits (millions of dollars) [1]				Savings and other time depositors (thousands)			
	All banks	Mutual savings banks	State, etc., banks [2]	National banks	All banks	Mutual savings banks	State, etc., banks [2]	National banks
1910	6,835	[3] [4]	[3]	1,014	----------	[4]	----------	2,087
1911	7,963	3,459	3,024	1,480	----------	7,691	----------	2,341
1912	8,404	3,609	3,260	1,536	----------	7,880	----------	2,675
1913	8,648	3,812	3,368	1,369	----------	8,034	----------	2,965
1914	8,712	3,910	3,348	1,454	----------	7,901	----------	[5]
1915	8,807	3,945	3,541	1,321	----------	7,643	----------	[5]
1916	9,459	4,102	3,641	1,716	----------	7,917	----------	[5]
1917	10,876	4,339	4,364	2,173	----------	8,651	----------	[5]
1918	11,635	4,382	4,817	2,336	----------	8,326	----------	[5]
1919	13,040	4,732	5,532	2,776	----------	9,040	----------	6,703
1920	15,189	5,068	6,668	3,463	----------	9,079	----------	7,980
1921	16,501	5,568	7,255	3,677	----------	9,662	----------	8,109
1922	17,579	5,818	7,687	4,074	----------	9,687	----------	8,873
1923	19,727	6,273	8,767	4,686	----------	10,045	----------	9,899
1924	21,180	6,693	9,337	5,158	----------	10,384	----------	11,068
1925	23,134	7,152	10,172	5,810	----------	10,639	----------	11,865
1926	24,696	7,525	10,993	6,178	46,762	10,950	23,242	12,570
1927	25,091	8,040	10,963	7,088	48,355	11,190	22,828	14,337
1928	28,413	8,668	11,695	8,050	[6] 53,188	11,643	[6] 25,364	16,181
1929	28,218	8,904	11,426	7,889	[6] 52,764	11,875	[6] 25,467	15,422
1930	28,479	9,206	11,176	8,097	[6] 52,720	12,077	[6] 25,115	15,537
1931	28,220	10,034	10,141	8,045	[6] 51,399	12,544	[6] 23,662	15,193
1932	24,281	10,040	7,283	6,958	[6] 44,352	12,735	[6] 17,520	14,097
1933	21,126	9,760	5,453	5,912	39,262	12,995	14,289	11,978
1934	21,868	9,803	5,567	6,498	[6] 39,562	13,342	[6] 12,734	13,486

[1] Includes deposits in savings accounts, time certificates of deposit payable in 30 days or over, and postal savings deposited in banks.
[2] Includes State, stock savings, and private banks and trust companies.
[3] Combined data for other than national banks included in total.
[4] For data for 1910 and earlier years from reports of the Comptroller of Currency, see table 266.
[5] Not available.
[6] Figures include depositors for State chartered banks in States which did not previously report depositors as follows (figures in parentheses are the number of depositors for the first year the given States reported): Beginning 1928, Ohio and Idaho (2,376,000 depositors); beginning 1931, Missouri (623,000 depositors); beginning 1932, Colorado (50,000 depositors); and in 1934, Indiana (285,847 depositors).

Source: American Bankers' Association.

No. 265.—SAVINGS AND OTHER TIME DEPOSITS AND DEPOSITORS IN ALL BANKS AND TRUST COMPANIES: BY STATES, ON OR ABOUT JUNE 30

Division and State	Savings and other time deposits (millions of dollars)							Savings and other time depositors (thousands)	
	1910 [1]	1920	1925	1930	1932	1933	1934	1933	1934
Continental U.S.	6,835.5	15,188.6	23,134.1	28,478.6	24,281.3	21,125.5	21,867.7	39,262	39,562
New England	1,480.6	2,639.9	3,750.2	4,532.3	4,521.6	4,284.4	4,284.4	6,479	6,656
Maine	128.6	204.6	265.7	319.3	301.5	217.6	229.5	447	507
New Hampshire	88.7	147.8	190.5	227.1	222.7	214.2	215.3	352	361
Vermont	74.3	133.1	173.4	205.1	182.2	155.5	151.9	273	294
Massachusetts	783.6	[2] 1,471.6	2,139.5	2,800.1	2,594.8	2,507.6	[3] 2,490.8	3,645	[3] 3,712
Rhode Island	123.9	216.4	299.2	372.6	357.8	340.9	339.1	383	393
Connecticut	281.5	467.5	681.9	908.2	862.8	848.6	857.8	1,379	1,390
Middle Atlantic	2,652.4	4,705.3	8,773.6	11,789.6	10,788.8	9,862.2	10,085.5	15,988	16,283
New York	1,825.3	2,807.8	5,546.1	7,616.2	7,336.2	6,735.3	6,796.8	9,383	9,656
New Jersey	234.4	576.9	1,040.0	1,397.3	1,209.1	1,109.6	1,121.1	2,274	2,305
Pennsylvania	592.7	1,320.6	2,187.5	2,776.1	2,243.5	2,017.3	2,167.6	4,310	4,321
East North Central	1,082.1	2,779.3	4,074.3	4,817.2	3,340.5	2,111.4	2,462.7	6,002	6,302
Ohio	334.0	811.9	1,164.1	1,410.8	1,017.7	781.2	840.0	2,095	1,959
Indiana	75.4	281.2	259.5	361.1	257.3	159.9	200.4	[4] 171	489
Illinois	351.7	685.1	1,258.6	1,366.9	835.8	583.9	658.5	1,827	2,030
Michigan	192.7	651.3	939.0	1,156.9	810.2	270.9	453.4	831	952
Wisconsin	128.3	349.8	453.1	521.5	419.7	315.4	310.6	1,079	872
West North Central	609.5	1,803.1	1,976.1	1,734.5	1,262.6	958.9	924.3	2,599	2,011
Minnesota	140.7	485.3	536.6	507.1	425.0	332.3	327.8	[5] 828	739
Iowa	194.6	551.4	524.9	465.2	256.0	169.3	143.0	[5] 459	[6] 352
Missouri	113.3	247.4	372.2	391.3	319.2	253.1	250.7	[5] 825	[6] 456
North Dakota	34.4	121.5	95.9	57.5	40.3	31.6	29.8	43	[7] 49
South Dakota	39.1	134.9	102.1	67.4	40.3	28.0	26.2	[5] 48	[6] 42
Nebraska	54.0	155.4	213.2	137.0	90.0	65.4	69.6	173	170
Kansas	33.4	107.2	131.2	109.0	91.8	79.2	77.2	222	[7] 202
South Atlantic	327.6	1,034.9	1,418.7	1,534.7	1,270.2	1,088.9	1,133.1	2,509	2,614
Delaware	11.5	35.9	50.1	63.1	62.8	62.2	63.7	119	[3] 110
Maryland	125.1	265.1	385.8	512.2	466.3	395.4	407.7	[5] 644	[3] 764
Dist. of Columbia	8.4	33.4	80.8	105.0	116.6	83.2	92.5	180	222
Virginia	45.0	152.8	216.8	[8] 246.7	218.0	196.6	211.7	425	441
West Virginia	47.5	111.4	150.6	155.6	117.2	101.0	107.3	241	255
North Carolina	19.6	121.7	142.3	146.2	66.9	55.8	65.7	[5] 362	[5] 243
South Carolina	25.8	112.0	112.0	76.9	34.3	21.3	25.9	45	[5] 59
Georgia	29.2	137.5	132.0	141.4	116.1	103.9	103.6	328	351
Florida	15.5	65.1	148.3	87.6	72.1	69.6	55.2	[5] 171	[6] 170
East South Central	80.2	321.7	506.8	594.0	398.2	337.8	376.6	805	734
Kentucky	35.6	96.1	[9] 176.4	[8] 212.2	141.5	124.3	132.2	287	257
Tennessee	24.9	104.2	155.2	186.5	126.6	99.6	119.6	[10] 187	[10] 217
Alabama	9.3	60.2	93.1	100.8	72.5	65.2	71.2	237	[6] 205
Mississippi	10.4	61.2	82.2	94.5	57.6	48.7	53.6	[5] 93	[6] 56
West South Central	65.7	311.6	440.1	557.4	435.8	382.9	374.6	1,078	904
Arkansas	6.4	34.3	65.2	77.2	42.9	37.7	39.4	77	64
Louisiana	31.8	99.5	123.3	144.1	121.5	91.3	83.9	[5] 559	[6] 404
Oklahoma	10.0	85.6	87.3	109.9	88.3	79.1	75.1	[5] 138	127
Texas	17.5	92.2	164.3	226.2	183.0	174.8	176.2	[5] 304	[6] 309
Mountain	105.1	348.2	331.2	375.3	286.0	242.0	241.9	550	565
Montana	14.3	75.5	55.8	69.2	50.1	43.8	39.3	[5] 71	[6] 55
Idaho	8.1	32.5	25.8	33.6	24.2	18.1	18.1	40	45
Wyoming	7.1	21.0	20.9	25.4	20.0	17.7	18.4	31	34
Colorado	42.2	102.9	116.3	112.4	97.8	82.7	84.3	188	194
New Mexico	5.6	13.2	7.3	11.9	9.7	5.7	7.5	10	[6] 15
Arizona	2.4	37.0	26.4	32.5	19.9	19.2	16.4	[5] 41	37
Utah	21.4	51.6	61.2	69.0	47.7	49.4	51.4	153	[5] 170
Nevada	4.0	14.5	17.5	21.3	16.6	5.4	6.5	[5] 17	[6] 16
Pacific	432.4	1,244.8	1,863.3	2,243.7	1,977.6	1,857.0	1,984.5	3,274	3,492
Washington	53.1	159.4	181.3	227.5	180.7	150.5	157.5	285	385
Oregon	22.6	76.1	105.9	123.4	97.8	88.2	90.6	210	251
California	356.7	1,009.3	1,576.1	1,892.8	1,699.1	1,618.3	1,736.5	2,779	2,857
Hawaii				53.5	43.2	45.3	45.1	166	155

[1] Includes demand certificates of deposit for national banks.
[2] Data for mutual savings banks as of Oct. 31. [3] Data for trust companies are as of Dec. 30, 1933.
[4] National and mutual savings banks only, data included for the latter being 1926 figures.
[5] Data for banks other than national are for the latest year available as follows: Kentucky, Oklahoma, Texas, and Virginia, 1929; North Carolina, 1930; Florida, Mississippi and Missouri, 1931; Arizona, Iowa, Louisiana, Maryland, Minnesota, Montana, Nevada, and South Dakota, 1932; New Mexico, South Carolina, and Utah, 1933.
[6] Approximate for banks other than national. [7] Includes 1933 data for trust companies.
[8] Data for banks other than national are as of Dec. 30, 1933.
[9] Includes 1924 data for State banks. [10] National banks only.

Source: American Bankers' Association.

No. 266.—SAVINGS BANKS: NUMBER OF DEPOSITORS AND AMOUNT OF SAVINGS DEPOSITS, CONTINENTAL UNITED STATES, 1820 TO 1910

NOTE.—Data for later years are as of June 30 or about June 30. In earlier years reports were of various dates. Prior to 1900 data include both mutual and stock savings banks; beginning 1900 they are for mutual savings banks only, which in that year had about 90 percent of the savings deposits in all savings banks. For figures for later years and also savings deposits in all classes of banks, see table 264

[Depositors in thousands, deposits in millions and tenths of millions of dollars]

Year	Depositors	Savings deposits	Year	Depositors	Savings deposits	Year	Depositors	Savings deposits
1820	9	1.1	1885	3,071	1,095.2	1898	5,239	2,027.2
1830	38	7.0	1886	3,159	1,141.5	1899	5,524	2,179.5
1840	79	14.1	1887	3,418	1,235.2	1900	5,370	2,134.5
1850	251	43.4	1888	3,838	1,364.2	1901	5,612	2,260.3
1860	694	149.3	1889	4,022	1,425.3	1902	5,871	2,280.2
1865	981	242.6	1890	4,259	1,524.8	1903	6,117	2,512.5
1870	1,631	549.9	1891	4,533	1,623.1	1904	6,286	2,602.0
1875	2,360	924.0	1892	4,782	1,712.8	1905	6,464	2,736.5
1880	2,336	819.1	1893	4,831	1,785.2	1906	6,753	2,908.7
1881	2,529	892.0	1894	4,778	1,748.0	1907	7,071	3,055.3
1882	2,710	966.8	1895	4,876	1,810.6	1908	7,137	3,005.7
1883	2,876	1,024.9	1896	5,065	1,907.2	1909	7,205	3,144.6
1884	3,015	1,073.3	1897	5,201	1,939.4	1910	7,482	3,360.6

Source: Comptroller of the Currency, Treasury Department.

No. 267.—MUTUAL SAVINGS BANKS: NUMBER OF SAVINGS DEPOSITORS AND AMOUNT OF SAVINGS DEPOSITS ON OR ABOUT JUNE 30

NOTE.—There are no mutual savings banks in States not shown

[Deposits in thousands of dollars]

Division and State	Depositors			Deposits		
	1932	1933	1934	1932	1933	1934
Continental United States	12,734,892	12,994,834	13,341,561	10,039,958	9,760,221	9,803,165
New England	4,561,149	4,500,363	4,610,944	3,317,690	3,243,098	3,260,899
Maine	223,261	218,245	229,410	118,763	117,049	118,888
New Hampshire	268,828	265,655	280,846	179,223	175,759	182,814
Vermont	117,226	115,348	115,478	82,497	77,949	75,388
Massachusetts	2,848,601	2,806,667	2,834,457	2,095,250	2,047,876	2,051,112
Rhode Island	191,336	187,206	188,088	172,852	170,761	169,610
Connecticut	911,897	907,152	962,665	669,105	653,704	663,087
Middle Atlantic	7,316,339	7,651,974	7,879,810	6,130,764	5,967,160	5,969,088
New York	5,867,718	6,271,371	6,463,196	5,286,973	5,134,980	5,139,593
New Jersey	607,836	527,338	529,025	336,951	331,964	337,159
Pennsylvania	840,785	853,265	886,589	506,830	500,216	512,336
East North Central	195,399	184,334	193,351	139,732	131,168	131,129
Ohio	146,505	146,670	161,948	113,295	107,711	108,851
Indiana	[1] 33,374	[1] 33,374	27,489	19,381	18,012	17,925
Wisconsin	15,420	4,290	3,914	7,056	5,445	4,353
West North Central	100,509	[2] 100,509	95,612	62,680	57,693	60,157
Minnesota	100,509	[2] 100,509	95,612	62,680	57,693	60,157
South Atlantic	389,869	389,085	392,949	245,212	224,946	225,080
Delaware	49,091	48,307	49,200	27,779	27,817	29,070
Maryland	340,778	[2] 340,778	[3] 343,749	217,433	197,129	196,010
Pacific	171,627	168,569	169,895	143,880	136,156	136,812
Washington	99,285	97,101	99,134	53,026	46,767	49,160
California	72,342	71,281	70,495	90,864	89,355	87,573
Oregon		187	266		34	70

[1] 1926 figures. [2] 1932 figures. [3] Figures as of Dec. 30, 1933.

Source: American Bankers' Association.

No. 268.—SUMMARY OF POSTAL SAVINGS BUSINESS, 1912 TO 1934

NOTE.—In addition to main offices there were 812 branches and stations in operation on June 30, 1934. Data include Alaska, Hawaii, Puerto Rico, and Virgin Islands

Year ended June 30—	Offices in operation at close of period	Deposits made during year	Withdrawals made during year	Balance to credit of depositors at close of period	Number of depositors at close of period	Savings stamps			Balance on deposit in banks at close of period
						Sold during year	Redeemed during year	Outstanding at close of period	
		Dollars	*Dollars*	*Dollars*		*Dollars*	*Dollars*	*Dollars*	*Dollars*
1912	9,907	30,732,357	11,172,418	20,237,084	243,801	166,479	134,346	34,021	18,586,042
1915	8,832	70,314,858	48,074,421	65,684,708	525,414	157,424	150,232	56,206	60,086,319
1916	7,701	76,775,868	56,440,691	86,019,885	602,937	181,173	168,833	68,546	80,775,586
1917	6,423	132,112,217	86,177,406	131,954,696	674,728	171,392	168,600	71,338	126,840,820
1918	5,926	116,893,259	100,376,456	148,471,499	612,188	117,864	130,133	59,068	140,658,608
1919	5,715	136,690,122	117,838,361	167,323,260	565,509	67,796	70,767	56,097	135,942,981
1920	5,583	139,208,954	149,255,892	157,276,322	508,508	72,066	69,043	59,120	128,426,019
1921	5,554	133,574,840	138,461,259	152,389,903	466,109	60,024	62,923	56,221	48,668,108
1922	6,020	96,507,746	111,161,210	137,736,439	420,242	73,672	68,188	61,704	44,160,417
1923	6,047	88,008,160	94,073,299	131,671,300	417,902	78,197	75,671	63,230	61,844,062
1924	5,995	94,932,846	93,790,011	132,814,135	412,584	68,506	68,945	62,891	96,309,974
1925	5,896	89,707,991	90,348,915	132,173,211	402,325	51,888	53,547	61,232	97,898,486
1926	5,853	90,751,051	88,745,704	134,178,558	399,305	44,050	46,654	58,628	101,175,541
1927	5,896	103,606,868	90,426,172	147,359,254	411,394	37,563	37,790	58,400	114,597,400
1928	5,897	96,386,499	91,602,404	152,143,349	412,250	34,145	34,874	57,672	118,714,519
1929	5,976	112,446,412	110,945,232	153,644,529	416,584	27,530	27,763	57,439	127,639,413
1930	5,998	159,959,071	138,331,914	175,271,686	466,401	26,105	25,946	57,597	148,255,213
1931	6,665	366,900,908	194,755,724	[1] 347,416,870	770,859	28,168	27,319	58,447	306,119,698
1932	6,743	860,195,852	422,792,099	[1] 784,820,623	1,545,190	30,356	34,455	60,347	681,726,891
1933	7,071	1,166,326,647	763,951,062	[1] 1,187,156,208	2,342,133	45,248	41,708	63,888	976,377,147
1934	7,247	966,550,799	955,916,819	[1] 1,197,920,188	2,562,082	56,309	53,623	66,574	694,575,369

[1] Includes items shown on balance sheet as unclaimed not included in table 269.

No. 269.—POSTAL SAVINGS DEPOSITS AND DEPOSITORS: BY STATES

State or Territory	Number of depositors, June 30, 1934	Balance to credit of depositors, June 30—	
		1933	1934
		Dollars	*Dollars*
Grand total	2,562,082	1,187,183,373	1,197,907,773
Cont'l U.S.	2,551,863	1,184,800,995	1,195,290,219
New England	82,571	53,091,022	50,423,604
Maine	4,501	1,339,088	2,052,605
New Hampshire	4,199	2,231,223	2,304,724
Vermont	1,310	400,442	593,906
Massachusetts	48,696	34,687,527	32,219,798
Rhode Island	3,783	1,934,973	1,744,116
Connecticut	20,082	12,497,769	11,508,455
Middle Atlantic	451,380	224,893,295	212,862,061
New York	263,615	122,959,420	115,848,497
New Jersey	63,866	36,744,966	34,229,650
Pennsylvania	123,899	65,188,909	62,783,914
East North Central	758,708	338,198,510	362,978,593
Ohio	144,696	65,479,487	69,204,222
Indiana	73,517	28,915,201	30,360,662
Illinois	304,028	140,173,669	145,703,234
Michigan	180,334	75,647,285	87,873,504
Wisconsin	56,133	27,982,868	29,336,971
West North Central	382,933	180,018,862	188,451,195
Minnesota	69,630	37,288,050	38,173,951
Iowa	109,854	52,351,527	55,626,988
Missouri	78,323	35,812,835	35,963,450
North Dakota	18,136	7,987,733	8,650,529
South Dakota	26,810	11,995,895	12,548,648
Nebraska	40,104	18,285,724	19,920,617
Kansas	40,077	16,297,098	17,567,012
South Atlantic	268,111	96,848,744	97,109,079
Delaware	1,322	522,546	452,369
Maryland	10,618	5,588,118	5,394,104
Dist. of Col.	21,103	7,662,739	7,141,179
Virginia	11,610	5,372,578	5,291,884
West Virginia	15,124	7,500,931	7,846,475
North Carolina	37,144	14,101,379	14,574,611
South Carolina	33,485	12,752,015	13,744,532
Georgia	32,286	13,475,007	12,783,329
Florida	105,419	29,873,431	29,880,596
East South Central	70,397	33,247,020	32,649,170
Kentucky	16,220	8,070,129	8,008,232
Tennessee	16,692	9,346,033	8,673,943
Alabama	23,475	9,491,543	9,107,468
Mississippi	14,010	6,339,315	6,859,527
West South Central	150,647	66,860,722	70,035,600
Arkansas	25,348	11,445,439	12,078,626
Louisiana	15,836	7,266,901	8,222,253
Oklahoma	45,608	20,382,698	20,638,689
Texas	63,855	27,765,684	29,096,032
Mountain	121,771	56,761,101	54,917,868
Montana	21,626	11,213,374	10,915,419
Idaho	18,872	7,766,124	7,395,320
Wyoming	8,706	4,534,418	4,193,023
Colorado	32,927	15,893,236	15,689,359
New Mexico	8,692	3,924,823	3,839,925
Arizona	16,232	7,654,900	6,951,849
Utah	6,899	3,627,149	3,389,201
Nevada	7,817	2,147,076	2,543,172
Pacific	265,345	134,881,720	125,863,049
Washington	74,079	33,201,362	32,930,497
Oregon	37,736	17,026,525	16,280,074
California	153,530	84,653,833	76,643,478
Alaska	1,139	870,407	836,036
Hawaii	1,947	438,397	515,352
Puerto Rico	6,806	1,032,644	1,218,307
Virgin Islands	327	40,930	47,859

Source of tables 268 and 269: Report of the Postmaster General on the Postal Savings System.

No. 270.—BUILDING AND LOAN ASSOCIATIONS: Number, Membership, Total Assets, and Mortgage Loans, Continental United States and Each State

Note.—Mortgage loans and assets in thousands of dollars. Data for a majority of the States are as of December 31; for some States, however, they are as of the close of the fiscal year ending various dates

Year (see note)	Associations	Members	Total assets	Year (see note)	Associations	Members	Total assets	Mortgage loans outstanding
1895	5,973	[1] 1,545,129	624,700	1923	10,744	7,202,880	3,942,940	(2)
1900	5,490	[1] 1,495,136	614,119	1924	11,844	8,554,352	4,765,937	(2)
1905	5,326	1,686,611	646,765	1925	12,403	9,886,997	5,500,176	5,085,010
1910	5,937	2,216,912	945,569	1926	12,626	10,665,705	6,334,104	5,852,690
1915	6,806	3,334,899	1,484,206	1927	12,800	11,308,061	7,156,207	6,584,818
1916	7,072	3,586,432	1,598,628	1928	12,666	11,995,905	8,016,034	7,267,065
1917	7,269	3,838,612	1,769,142	1929	12,342	12,111,209	8,695,154	7,790,835
1918	7,484	4,011,401	1,898,344	1930	11,767	12,336,754	8,824,119	7,760,164
1919	7,788	4,286,326	2,126,620	1931	11,432	11,324,698	8,412,369	7,205,340
1920	8,624	5,026,781	2,534,320	1932	10,986	10,102,258	7,745,282	6,390,305
1921	9,255	5,809,888	2,890,765	1933	10,716	9,196,093	6,972,243	5,413,046
1922	10,009	6,364,144	3,342,531	1934[2]	10,908	8,342,560	6,445,270	4,488,666

State	Associations		Members		Total assets		Mortgage loans outstanding	
	1932	1933	1932	1933	1932	1933	1932	1933
Maine	36	36	27,505	25,930	24,819	23,967	22,430	21,063
New Hampshire	29	29	16,613	16,152	14,076	13,762	13,306	12,806
Vermont	14	14	6,063	5,600	5,495	5,419	4,932	4,723
Massachusetts	227	227	467,829	436,920	527,361	502,874	460,795	406,400
Rhode Island	9	8	49,490	47,808	34,325	33,691	33,229	28,016
Connecticut	43	44	32,376	31,534	26,818	25,608	24,505	22,642
New York	299	293	531,216	481,928	423,676	394,643	363,868	332,962
New Jersey	1,553	[3] 1,532	985,470	[3] 970,000	1,146,109	[3] 1,050,000	926,102	[3] 798,960
Pennsylvania	2,957	2,908	941,682	884,065	1,044,256	957,791	825,296	714,708
Ohio	762	737	2,213,531	1,968,129	1,097,526	895,029	951,406	749,559
Indiana	388	380	375,700	341,700	270,868	246,334	227,470	196,713
Illinois	905	880	807,800	782,300	437,262	394,648	379,924	310,074
Michigan	66	65	218,235	185,267	152,933	142,693	124,161	101,623
Wisconsin	184	184	252,773	238,238	260,548	245,291	218,847	186,076
Minnesota	75	75	95,843	96,179	40,746	39,038	33,220	30,827
Iowa	74	74	62,320	60,072	44,850	41,780	39,037	34,335
Missouri	235	233	237,200	207,950	193,035	160,256	158,053	130,264
North Dakota	22	22	18,650	22,251	13,136	12,055	10,815	9,375
South Dakota	21	20	10,314	9,650	6,242	5,845	5,446	4,613
Nebraska	83	83	190,600	176,500	124,307	111,877	102,832	84,455
Kansas	151	150	174,482	155,152	116,163	106,961	89,053	76,179
Delaware	[4] 44	43	[4] 20,500	19,430	[4] 16,118	15,257	[4] 13,737	12,565
Maryland	[5] 1,075	[5] 1,000	[3] 300,000	[3] 283,000	[3] 197,500	[3] 185,000	(5)	(5)
District of Columbia	26	28	90,388	96,785	87,420	90,533	82,385	83,311
Virginia	85	89	62,100	59,100	56,321	53,653	48,692	44,018
West Virginia	60	60	53,480	50,200	35,804	33,613	27,431	24,305
North Carolina	222	209	81,897	74,182	75,894	68,440	65,329	56,285
South Carolina	[3] 132	[3] 98	[3] 30,000	[3] 18,000	[3] 24,500	[3] 20,000	(5)	(5)
Georgia	40	40	18,893	18,443	7,265	6,892	5,984	5,728
Florida	65	59	11,400	10,370	14,369	13,129	7,245	6,007
Kentucky	161	164	181,800	170,300	118,476	110,937	110,197	100,353
Tennessee	[3] 40	42	[3] 23,470	25,640	[3] 17,387	18,993	14,668	13,581
Alabama	37	39	36,230	33,480	25,772	23,844	18,207	14,964
Mississippi	46	44	24,537	6,274	16,680	10,944	12,744	8,351
Arkansas	56	55	50,000	30,213	35,498	25,794	26,288	17,495
Louisiana	101	99	181,475	166,241	159,480	143,657	124,370	102,856
Oklahoma	82	90	129,330	129,330	113,251	99,238	93,666	73,493
Texas	144	139	157,215	137,700	114,631	100,394	90,410	76,960
Montana	27	27	32,767	25,800	19,151	15,026	17,430	12,346
Idaho	14	14	7,650	9,550	5,040	6,272	4,356	4,143
Wyoming	11	8	17,850	14,850	9,510	7,889	8,252	4,850
Colorado	58	52	55,000	50,000	38,472	35,340	25,759	24,906
New Mexico	17	16	4,950	4,500	4,717	4,317	3,899	3,427
Arizona	8	2	6,030	1,600	4,247	600	3,022	420
Utah	23	21	74,023	34,000	50,287	23,030	30,064	14,694
Nevada	3	5	1,665	2,281	1,184	1,246	1,077	873
Washington	66	66	205,038	200,000	64,974	61,510	48,984	42,792
Oregon	22	22	33,800	31,400	19,645	18,229	15,725	13,969
California	188	182	494,000	350,000	407,146	369,896	295,852	232,428
Hawaii [6]	11	11	12,534	28,012	5,209	5,289	4,420	4,214

[1] Total membership of local associations only; does not include national associations, membership of which declined to 44,484 in 1905; now extinct.
[2] State chartered and Federal associations.
[3] Estimate.
[4] Data for 1931. No report for 1932.
[5] No report; estimates included in United States totals.
[6] Not included in United States total.

Source: United States Building and Loan League.

No. 271.—FAILURES OF BUILDING AND LOAN ASSOCIATIONS

[Liabilities and estimated loss in thousands of dollars. Liabilities not available prior to 1930]

Year	Number failed	Estimated loss	Year	Number failed	Liabilities	Estimated loss
1920	2	1	1928	23		568
1921	6	92	1929	159		2,313
1922	4	159	1930	190	80,438	24,676
1923	9	133	1931	126	61,909	22,328
1924	18	398	1932	122	52,818	20,337
1925	26	500	1933	88	215,517	43,955
1926	12	381	1934	68	34,728	10,174
1927	21	1,013				

No. 272.—FARM CREDIT ADMINISTRATION: LOANS AND DISCOUNTS ADVANCED AND OUTSTANDING, 1917 TO 1934

[In thousands of dollars]

Year	Farm mortgage loans [1]		Loans to cooperatives			Federal intermediate credit banks, loans to and discounts for		Production credit association [2]	Regional agricultural credit corporations	Emergency crop and drought loans
	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks	Banks for cooperatives, including central bank	Agricultural Marketing Act revolving fund	Production credit assoc'ns and regional agricultural credit corp'ns [3]	Private financing institutions			
Advanced during—										
1917	39,112									
1918	118,130									
1919	144,987									
1920	66,985									
1921	91,030									[4] 1,962
1922	224,301									[4] 1,480
1923	192,083		35,519				9,405			
1924	165,510		83,223				34,447			[4] 414
1925	127,355		100,243				53,008			
1926	131,318		103,941				73,521			
1927	140,384		51,039				87,121			[4] 244
1928	102,236		53,571				83,568			
1929	64,253		43,588		14,823		94,667			[4] 5,760
1930	47,971		109,928		193,395		109,047			[4] 5,340
1931	42,015		145,127		126,773		122,867			[4] 55,788
1932	27,570		89,245		34,488		151,578		24,597	64,205
1933	151,634	70,812	27,910	27,144	40,687	109,746	111,017	27	223,116	57,376
1934	730,307	553,136	57,369	40,371	9,555	223,597	124,949	110,162	140,589	70,472
Outstanding Dec. 31—										
1918	156,214									
1919	293,595									
1920	349,679									
1921	432,523									
1922	639,486									[4] 2,765
1923	799,597		33,527				9,105			[4] 1,306
1924	927,598		43,507				18,760			[4] 1,460
1925	1,005,695		53,780				26,272			[4] 1,155
1926	1,077,819		52,704				39,730			[4] 1,048
1927	1,155,644		31,991				43,924			[4] 1,240
1928	[5] 1,194,320		36,174				45,103			[4] 1,194
1929	[5] 1,198,514		26,073		14,510		50,018			[4] 6,924
1930	[5] 1,189,604		64,377		136,698		65,633			[4] 7,804
1931	[5] 1,167,898		45,177		158,280		74,691			[4] 60,389
1932	[5] 1,128,564		9,866		158,885		82,518		24,373	89,301
1933	[5] 1,232,707	70,738	15,211	18,697	157,752	73,263	60,989	27	144,636	89,811
1934	[5] 1,915,792	616,825	33,969	27,851	54,863	99,675	55,672	61,024	87,102	110,187

[1] For loans by joint stock land banks, see table 278.
[2] Data represent loans to and discounts for the associations by Federal intermediate credit banks.
[3] Amounts in this column are included in the columns headed "Regional Agricultural Credit Corporations" and "Productive Credit Associations", see note 1, table 273.
[4] Amounts advanced for the fiscal year ended June 30 and outstanding as of June 30.
[5] Figures revised to represent unpaid principal of mortgage loans.

Sources: Table 271, United States Building and Loan League; table 272, Farm Credit Administration.

No. 273.—FARM CREDIT ADMINISTRATION: Loans and Discounts Outstanding Dec. 31, 1934, by States

[All figures in thousands of dollars]

	Total [1]	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks	Production credit associations	Regional agricultural credit corporations	Emergency crop loans	Emergency drought loans
Total	[2] 2,861,194	[3] 1,896,415	616,825	189,317	61,024	87,102	77,742	32,445
District No. 1	104,933	67,847	20,591	15,143	6,568	821	592	-------
Maine	13,781	7,386	3,076	2,933	2,875	9	378	-------
New Hampshire	1,972	1,359	503	87	7	10	15	-------
Vermont	6,399	4,614	1,166	540	373	63	23	-------
Massachusetts	16,101	6,529	2,500	6,976	621	87	20	-------
Rhode Island	1,366	994	259	109	109	4	[4]	-------
Connecticut	7,500	5,455	1,501	520	451	11	14	-------
New York	45,943	33,422	8,583	3,636	1,708	231	114	-------
New Jersey	11,869	8,089	3,003	344	344	406	27	-------
District No. 2	111,252	81,840	22,103	4,019	3,275	168	3,122	-------
Pennsylvania	30,381	21,308	7,485	1,164	1,120	18	406	-------
Delaware	1,363	789	450	82	82	2	40	-------
Maryland	11,751	7,589	3,549	372	356	36	206	-------
Virginia	42,528	31,428	7,442	1,075	980	43	2,031	-------
West Virginia	12,538	9,399	3,089	268	268	55	440	-------
Puerto Rico	12,691	11,327	88	1,059	470	14	-------	-------
District No. 3	138,802	80,670	48,487	3,055	1,445	338	6,053	-------
North Carolina	40,169	23,342	14,297	1,123	123	25	1,380	-------
South Carolina	30,742	17,834	10,997	268	263	16	1,626	-------
Georgia	44,655	27,554	14,910	232	163	67	1,923	-------
Florida	23,007	11,940	8,282	1,432	895	230	1,123	-------
District No. 4	277,089	196,641	68,107	5,137	3,159	385	3,819	-------
Ohio	75,934	54,056	19,183	1,432	1,008	86	577	-------
Indiana	96,780	73,979	21,084	1,112	942	67	538	-------
Kentucky	57,087	38,907	15,830	636	595	99	1,614	-------
Tennessee	47,288	32,099	12,010	1,956	614	133	1,090	-------
District No. 5	141,470	93,278	21,360	22,170	1,156	323	4,028	312
Alabama	43,026	33,212	7,718	362	266	50	1,683	-------
Mississippi	50,855	35,010	8,818	5,480	301	32	1,506	-------
Louisiana	47,589	25,047	4,824	16,327	589	240	838	312
District No. 6	223,560	168,795	42,455	6,392	2,723	87	4,352	1,480
Illinois	138,799	110,681	24,622	3,186	1,577	19	245	46
Missouri	54,480	37,504	13,358	1,054	745	16	1,534	1,014
Arkansas	30,282	20,610	4,474	2,152	401	52	2,573	420
District No. 7	480,672	285,387	124,071	20,990	5,339	22,586	19,591	8,128
Michigan	69,170	47,232	20,043	891	795	368	732	-------
Wisconsin	109,566	67,729	35,767	3,199	1,525	2,631	1,245	242
Minnesota	149,850	98,127	37,210	7,029	2,253	7,674	1,551	2,063
North Dakota	141,086	72,309	31,051	9,871	767	11,913	16,063	5,823
District No. 8	471,840	332,364	85,934	17,999	4,236	19,403	11,493	13,082
Iowa	209,477	168,389	38,262	1,833	724	1,383	198	204
South Dakota	94,099	51,739	17,051	4,159	748	5,238	9,105	8,512
Nebraska	145,927	103,847	29,605	7,166	1,470	6,981	1,589	2,782
Wyoming	22,336	8,389	3,415	4,842	1,295	5,801	601	1,584
District No. 9	240,777	148,183	55,730	16,776	6,919	13,037	9,021	3,692
Kansas	121,351	78,482	33,428	2,491	1,508	2,342	4,163	1,187
Oklahoma	53,287	32,163	13,593	4,157	1,772	1,809	1,622	543
Colorado	44,566	27,616	6,873	5,033	2,162	4,967	1,718	955
New Mexico	21,573	9,922	1,836	5,085	1,477	3,909	1,519	1,006
District No. 10	295,956	215,053	46,227	22,511	3,685	7,140	5,025	3,222
Texas	295,956	215,053	46,227	22,511	3,685	7,140	5,025	3,222
District No. 11	186,662	112,824	47,472	21,097	6,953	5,543	552	1,197
Arizona	11,051	7,173	960	3,140	617	225	122	36
Utah	29,489	16,117	4,271	6,548	1,466	2,091	362	924
Nevada	7,359	3,508	441	1,869	401	2,356	12	42
California	138,162	85,826	41,800	9,540	4,469	871	56	195
District No. 12	199,381	110,725	34,290	34,028	15,566	17,222	10,094	1,332
Montana	54,459	20,320	9,376	10,870	5,278	8,810	8,600	845
Idaho	48,726	29,273	8,720	6,718	3,331	5,432	415	461
Washington	50,654	34,710	8,109	6,843	3,256	619	709	-------
Oregon	45,542	26,422	8,084	9,597	3,702	2,361	280	26

[1] Some of the loans of the regional agricultural credit corporations and most of the loans of the production credit associations are discounted with the Federal intermediate credit banks. Therefore, in obtaining the total in this column, adjustment is made to avoid duplication.

[2] Figures do not include the following loans which cannot be allocated to particular States: Land Bank Commissioner loans to joint stock land banks, $546,000, Agricultural Marketing Act revolving fund loans to cooperatives $54,863,000, and banks for cooperatives (incl. Central Bank) $27,851,000.

[3] Unmatured principal.

[4] Less than $500.

Source: Farm Credit Administration.

No. 274.—FEDERAL LAND BANKS AND LAND BANK COMMISSIONER: NUMBER AND AMOUNT OF LOANS CLOSED DURING 1933 AND 1934

[Amounts in thousands of dollars]

Federal land bank district and State	Federal land banks				Land Bank Commissioner				Total amount of loans (banks and Commissioner)	
	1933		1934		1933		1934		1933	1934
	Number	Amount	Number	Amount	Number	Amount	Number	Amount		
Total	38,568	151,634	190,147	730,367	44,039	70,812	306,354	553,136	222,446	1,283,503
District No. 1	1,757	4,906	7,058	18,244	1,628	2,981	9,386	17,702	7,887	35,945
Maine	93	139	776	1,648	285	690	1,311	2,395	828	4,043
N. Hampshire	53	138	191	401	54	80	262	426	218	827
Vermont	139	455	506	1,153	162	214	650	967	669	2,121
Massachusetts	241	678	705	1,783	309	564	978	1,952	1,242	3,735
Rhode Island	48	149	92	260	28	51	106	208	201	468
Connecticut	139	302	437	1,036	142	246	649	1,263	608	2,299
New York	869	2,406	3,394	9,079	519	871	4,120	7,749	3,277	16,827
New Jersey	155	580	955	2,884	128	265	1,310	2,741	845	5,626
District No. 2	1,470	5,079	6,023	17,756	3,274	5,769	9,892	16,489	10,848	34,245
Pennsylvania	462	1,234	2,443	5,843	918	1,589	3,538	5,943	2,822	11,786
Delaware	10	48	139	400	49	104	181	347	152	746
Maryland	238	1,085	859	3,106	440	972	1,177	2,608	2,056	5,714
Virginia	526	2,145	1,844	6,638	1,177	2,191	3,231	5,300	4,336	11,937
West Virginia	206	519	672	1,537	690	914	1,713	2,204	1,432	3,741
Puerto Rico	28	49	66	233			52	88	49	322
District No. 3	2,628	7,178	11,407	29,239	6,280	8,322	30,198	40,451	15,500	69,690
North Carolina	369	826	3,904	9,081	1,018	1,265	9,635	13,160	2,092	22,241
South Carolina	764	1,997	2,467	6,356	1,844	2,471	6,567	8,591	4,469	14,947
Georgia	758	1,752	3,748	9,189	1,953	2,193	10,415	12,774	3,945	21,962
Florida	737	2,602	1,288	4,613	1,465	2,393	3,581	5,926	4,995	10,540
District No. 4	4,413	13,415	25,810	81,492	3,608	4,894	40,675	64,098	18,308	145,590
Ohio	1,320	3,757	8,840	27,292	654	801	10,804	18,580	4,619	45,872
Indiana	1,585	4,470	9,549	29,933	998	1,225	12,672	20,133	5,696	50,066
Kentucky	916	3,460	4,120	14,694	1,171	1,793	8,988	14,222	5,253	28,915
Tennessee	592	1,728	3,301	9,573	773	1,014	8,211	11,164	2,741	20,736
District No. 5	564	1,602	3,784	10,551	2,926	2,253	19,529	19,348	3,854	29,899
Alabama	250	540	1,611	4,032	1,078	831	6,973	6,965	1,371	10,997
Mississippi	229	833	1,262	3,695	1,495	1,116	8,604	7,809	1,948	11,505
Louisiana	75	229	911	2,824	353	306	3,952	4,573	535	7,397
District No. 6	3,342	16,306	12,872	65,480	3,905	6,126	20,288	37,122	22,432	102,582
Illinois	2,281	13,101	8,427	51,895	1,853	3,722	8,641	21,463	16,823	73,359
Missouri	959	2,938	3,745	11,415	1,485	1,935	7,581	11,598	4,873	23,013
Arkansas	102	267	500	2,150	567	469	4,066	4,061	736	6,211
District No. 7	7,950	25,930	48,103	154,241	6,350	8,526	62,287	117,073	34,456	271,315
Michigan	992	2,149	10,314	23,162	862	866	13,781	19,525	3,015	42,687
Wisconsin	1,910	5,731	12,234	39,333	1,777	2,280	16,165	33,916	8,011	73,249
Minnesota	3,309	12,747	13,767	54,432	2,602	3,930	16,190	33,845	16,676	88,277
North Dakota	1,679	5,304	11,788	37,314	1,109	1,450	16,151	29,788	6,754	67,102
District No. 8	7,438	35,488	29,291	151,923	3,571	7,552	34,534	76,903	43,040	230,826
Iowa	3,916	20,834	12,527	76,911	1,548	3,415	12,794	35,121	24,249	112,032
South Dakota	863	2,610	6,693	24,295	372	656	9,248	17,073	3,266	41,368
Nebraska	2,634	11,971	9,375	48,267	1,574	3,366	10,316	25,404	15,337	71,671
Wyoming	25	73	696	2,450	77	114	2,176	3,305	187	5,755
District No. 9	1,471	4,752	18,347	65,436	2,372	4,465	28,060	51,525	9,217	116,961
Kansas	1,052	3,736	12,049	46,211	1,405	2,986	14,307	30,595	6,722	76,806
Oklahoma	251	606	4,844	13,184	638	1,028	8,664	12,637	1,634	25,821
Colorado	147	354	1,617	4,887	290	407	3,910	6,490	761	11,377
New Mexico	21	56	337	1,154	39	44	1,179	1,802	100	2,957
District No. 10	3,022	16,012	11,330	56,848	4,743	9,340	20,031	37,803	25,353	94,651
Texas	3,022	16,012	11,330	56,848	4,743	9,340	20,031	37,803	25,353	94,651
District No. 11	2,665	14,820	9,291	56,123	3,178	6,729	16,609	41,763	21,549	97,886
Arizona	131	641	274	1,292	163	258	430	730	900	2,022
Utah	195	585	1,272	3,498	271	457	2,352	3,905	1,042	7,404
Nevada	33	383	74	471	13	44	157	405	427	876
California	2,306	13,012	7,671	50,863	2,726	5,969	13,670	36,723	18,981	87,585
District No. 12	1,828	6,346	6,533	23,054	2,206	3,857	14,865	30,859	10,203	53,914
Montana	189	616	514	1,904	428	889	3,860	8,613	1,505	10,517
Idaho	434	1,328	2,321	8,045	410	626	3,816	8,217	1,955	16,261
Washington	722	2,487	1,598	5,131	904	1,617	3,637	6,607	4,103	11,738
Oregon	483	1,016	2,100	7,975	404	724	3,552	7,422	2,640	15,397

Source: Farm Credit Administration.

No. 275.—NATIONAL FARM LOAN ASSOCIATIONS AND PRODUCTION CREDIT ASSOCIATIONS: NUMBER OF ASSOCIATIONS AS OF DEC. 31, 1934

District	National farm loan associations	Production credit associations	District	National farm loan associations	Production credit associations
Total	5,001	597	District No. 6	467	79
			District No. 7	729	80
District No. 1	147	30	District No. 8	503	42
District No. 2	209	52	District No. 9	469	42
District No. 3	528	103	District No. 10	365	39
District No. 4	486	44	District No. 11	212	30
District No. 5	366	26	District No. 12	520	30

No. 276.—FEDERAL LAND BANKS: PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31, 1934

[All figures in thousands of dollars]

Bank	Assets				Liabilities			
	Total	Mortgage loans [1]	U. S. Govt. obligations, direct and fully guaranteed [2]	Cash on hand and in banks	Capital stock and paid-in surplus, U. S. Govt.	Other capital stock [3]	Reserves and undivided profits [4]	Farm loan bonds outstanding [5]
All banks:								
1931	1,282,880	1,162,889	12,249	11,272	205	65,471	15,869	1,109,877
1932	1,380,527	1,116,236	100,548	12,260	125,046	64,001	[6] 16,023	1,147,407
1933	1,514,410	1,213,110	65,894	28,859	142,056	69,619	[6] 17,025	1,241,610
1934	[7] 2,280,025	1,895,810	91,952	30,088	[8] 176,886	103,977	[6] 4,975	[7] 1,784,305
Springfield	81,572	67,828	3,783	1,526	9,393	3,896	1,524	64,607
Baltimore	99,648	81,839	7,480	2,123	8,675	4,697	444	81,359
Columbia	103,419	80,660	6,517	1,551	10,223	4,515	[6] *5,157*	77,638
Louisville	222,751	199,669	5,228	3,231	10,579	10,945	2,859	189,719
New Orleans	137,371	93,268	12,257	3,209	21,197	5,707	[6] *4,189*	84,550
St. Louis	196,499	168,758	9,345	2,445	13,819	9,175	[6] *1,631*	162,632
St. Paul	334,340	285,373	9,531	3,329	25,903	14,691	300	263,082
Omaha	373,989	332,282	9,689	3,060	14,189	17,785	3,978	311,990
Wichita	169,324	148,152	8,954	1,428	11,112	8,089	2,030	142,650
Houston	238,715	214,855	7,478	3,312	12,659	11,921	8,417	200,211
Berkeley	127,903	112,558	4,246	2,495	10,907	6,158	[6] *277*	105,380
Spokane	145,179	110,087	7,447	2,379	22,230	6,398	[6] *3,372*	101,174

[1] Less payments on principal and principal of delinquent and extended installments.
[2] Less amounts sold under repurchase agreements.
[3] Owned by national farm loan associations and individual borrowers.
[4] Not including special reserves set up against particular assets.
[5] Unmatured. Figures for 1932 include $18,500,000 of bonds issued to the Reconstruction Finance Corporation and for 1933, $142,118,000.
[6] Less impairment or deficit. The decrease in reserves and undivided profits for 1934 resulted largely from a change in accounting procedures.
[7] The total is less than the sum of the figures for the individual banks because of interbank holdings of obligations.
[8] Includes $3,054,000 surplus accrued.
[9] Deficit.

No. 277.—FEDERAL FARM MORTGAGE CORPORATION: PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31, 1934

[All figures in thousands of dollars]

	Amount		Amount
Assets, total	1,215,852	Liabilities, total	1,215,852
Mortgage loans (unpaid principal)	616,825	Capital stock, U. S. Government	200,000
Cash on deposit with Treasurer of the United States	5,646	Surplus	1,251
Consolidated Federal farm loan bonds (par value)	579,454	Federal Farm Mortgage Corporation bonds outstanding less on hand	979,613
Accrued interest receivable (not yet due)	13,323	Accrued interest on Federal Farm Mortgage Corporation bonds (not yet due)	4,347
Other assets	604	Other liabilities	30,041

Source of tables 275, 276, and 277: Farm Credit Administration.

No. 278.—JOINT-STOCK LAND BANKS: Farm-Mortgage Loans Closed and Outstanding, 1917 to 1934

Note.—All figures in thousands of dollars. Banks in receivership are included

Year	Loans closed	Loans outstanding Dec. 31 [1]	Year	Loans closed	Loans outstanding Dec. 31 [1]
1917	80, 843	[2]	1926	123, 026	632, 476
1918		8, 384	1927	83, 719	669, 798
1919		60, 038	1928	40, 572	656, 516
1920		77, 959	1929	18, 186	626, 980
1921	9, 335	85, 017	1930	5, 236	590, 811
1922	138, 685	218, 775	1931	5, 407	536, 644
1923	189, 748	392, 639	1932	2, 181	459, 183
1924	74, 587	446, 429	1933	739	392, 438
1925	131, 431	545, 569	1934	220	255, 931

[1] Unmatured principal. [2] Not available.

No. 279.—JOINT-STOCK LAND BANKS: Number and Amount of Loans Outstanding by States, Dec. 31, 1934

Note.—Unmatured principal in thousands of dollars. Banks in receivership are included

State	Number	Unmatured principal	State	Number	Unmatured principal	State	Number	Unmatured principal
Total	51, 217	255, 931	Louisiana	29	330	Oklahoma	597	2, 206
			Maryland	417	2, 069	Oregon	792	7, 564
Alabama	569	2, 623	Michigan	848	2, 960	Pennsylvania	1, 479	4, 319
Arizona	208	1, 047	Minnesota	516	2, 850	South Carolina	742	2, 741
Arkansas	1, 132	7, 209	Mississippi	354	3, 744	South Dakota	358	2, 431
California	1, 060	10, 280	Missouri	1, 473	6, 504	Tennessee	346	897
Colorado	1, 074	6, 113	Montana	183	953	Texas	7, 025	41, 125
Georgia	835	3, 500	Nebraska	892	5, 631	Utah	57	200
Idaho	283	875	Nevada	20	370	Virginia	1, 181	3, 629
Illinois	4, 876	33, 343	New Jersey	401	838	Washington	127	1, 069
Indiana	5, 248	20, 927	New York	1, 255	4, 909	West Virginia	1, 044	1, 953
Iowa	3, 401	31, 278	North Carolina	5, 764	13, 950	Wyoming	483	2, 789
Kansas	1, 704	7, 457	North Dakota	92	427			
Kentucky	912	3, 393	Ohio	3, 390	11, 428			

No. 280.—JOINT-STOCK LAND BANKS: Principal Assets and Liabilities

Note.—Banks in receiverships are not included. The Farm Mortgage Act of 1933, approved May 12, prohibited the joint-stock banks from making new farm-mortgage loans, except in connection with refinancing of existing loans, and provided for the orderly liquidation of the banks

[All figures in thousands of dollars]

	Apr. 30, 1933	Dec. 31, 1933	Dec. 31, 1934
Assets, total	478, 062	441, 805	336, 611
Mortgage loans [1]	390, 101	353, 683	232, 863
Purchase money mortgages and contracts	11, 721	13, 193	14, 009
Cash and securities	12, 479	12, 230	33, 266
Real estate, sheriffs' certificates, etc	53, 109	50, 286	49, 057
Other assets	10, 653	12, 413	7, 416
Liabilities	478, 062	441, 805	336, 611
Capital stock and paid-in surplus	38, 209	38, 170	38, 098
Earned surplus, reserves, and undivided profits	9, 387	10, 160	10, 399
Bonds [2]	412, 099	367, 059	270, 230
Notes payable	7, 711	16, 185	9, 170
Other liabilities	10, 656	10, 231	8, 714

[1] Less payments on principal and principal of delinquent installments.
[2] Includes bonds matured or called and certificates in lieu of fractional bonds.

Source of tables 278, 279, and 280: Farm Credit Administration.

No. 281.—FEDERAL INTERMEDIATE CREDIT BANKS: PRINCIPAL ASSETS AND LIABILITIES, DEC. 31

[All figures in thousands of dollars]

	Assets					Liabilities		
	Total	Loans and discounts		U. S. obligations, direct and fully guaranteed [1]	Cash on hand and in banks	Paid-in capital and surplus, U. S. Government	Surplus earned, reserves, and undivided profits [2]	Debentures outstanding (unmatured) [3]
		Cooperative associations	Financing institutions					
All banks:								
1925	126,135	53,780	26,272	4,498	3,393	24,000	1,997	58,699
1926	134,315	52,704	39,730		4,074	25,000	1,563	68,580
1927	118,073	31,991	43,924	500	3,655	25,000	1,680	50,450
1928	118,606	36,174	45,103	50	3,242	27,000	1,934	42,475
1929	110,812	26,073	50,018	1,117	2,930	30,000	2,210	45,605
1930	167,549	64,377	65,633	2,234	4,482	30,000	3,230	101,225
1931	156,499	45,177	74,691	1,366	4,118	30,000	3,947	77,490
1932	137,172	9,866	82,518	6,813	8,511	32,000	2,166	72,270
1933	195,649	15,211	134,252	32,747	8,979	60,000	3,579	128,185
1934	[4] 273,449	33,969	155,347	74,205	5,316	100,000	3,397	164,370
Springfield	21,395	7,747	7,396	5,256	327	5,300	762	15,000
Baltimore	10,931	1,294	3,075	4,907	508	5,785	488	4,500
Columbia	12,960	6,041	2,014	4,246	452	8,117	[5] *1,014*	5,275
Louisville	11,592	1,503	4,884	4,908	176	5,832	724	4,950
New Orleans	16,705	10,179	1,990	3,752	688	6,237	[5] *122*	10,000
St. Louis	12,370	1,931	5,711	4,036	501	5,536	621	5,770
St. Paul	34,042	12	20,978	10,962	700	12,743	1,147	19,650
Omaha	26,700	17	17,721	8,710	25	10,538	1,188	14,200
Wichita	23,589	50	15,075	7,021	360	8,877	496	12,800
Houston	29,016	1,250	22,369	5,225	106	7,834	860	19,600
Berkeley	32,521	2,770	20,526	8,272	660	12,308	[5] *1,716*	21,000
Spokane	43,378	1,175	32,708	6,010	813	10,803	[5] *37*	31,625

[1] Less sold under repurchase agreement.
[2] Net amount after deducting impairment or deficit.
[3] Adjusted for debentures held by banks of issue and by other Federal intermediate credit banks.
[4] Total is less than the sum of the figures for the individual banks because of interbank borrowings.
[5] Deficit.

No. 282.—FEDERAL INTERMEDIATE CREDIT BANKS: LOANS TO COOPERATIVE ASSOCIATIONS, BY COMMODITIES, AND LOANS TO AND DISCOUNTS FOR FINANCING INSTITUTIONS, BY TYPE OF INSTITUTION, AMOUNTS OUTSTANDING DEC. 31

[All figures in thousands of dollars]

	1927	1928	1929	1930	1931	1932	1933	1934
Cooperative associations	31,991	36,174	26,073	64,377	45,177	9,866	15,211	33,969
Cotton	14,944	23,099	12,031	39,173	15,767	2,274	6,200	21,179
Tobacco	4,209	1,565				686	613	28
Wheat and other grains	2,537	2,483	4,412	3,436	10,457	455	808	485
Rice	1,815	1,360	1,479	2,109	1,279	530	816	983
Redtop, blue grass, alfalfa, and clover seed	106	111	94	538	1,786	1,084	926	33
Canned fruit and vegetables	1,142	2,118	1,326	2,771	2,438	1,605	1,140	903
Raisins and other dried fruits	6,395	4,679	3,182	5,510	4,180	945	2,349	1,605
Peanuts and other nuts					57	10	966	
Beans	310	124	489	1,365	312	(1)	(1)	(1)
Wool and mohair	411	564	2,935	9,088	6,168	648	438	6,504
Other commodities	32	70	125	387	2,733	1,428	956	475
Farm supplies [2]								1,714
Financing institutions	43,924	45,103	50,018	65,633	74,691	82,518	134,252	155,347
For—								
Production credit associations							27	61,024
Regional agricultural credit corporations							73,236	33,651
Other financing institutions	43,924	45,103	50,018	65,633	74,691	82,518	60,989	55,673

[1] Included in "Other commodities."
[2] Figures represent total loans outstanding for cooperative purchasing associations.

Source of tables 281 and 282: Farm Credit Administration.

No. 283.—BANKS FOR COOPERATIVES: PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31, 1934

[All figures in thousands of dollars]

	Assets						Liabilities			
	Total	Loans			Cash	U. S. Government obligations, direct and fully guaranteed	Capital stock [1]			Surplus, reserves, and undivided profits
		Total	Effective merchandising	Facility			Total	U. S. Government	Cooperatives [1]	
Central bank for cooperatives	52,040	14,880	14,515	374	2,300	34,494	50,749	50,000	749	1,287
District banks for cooperatives: All banks	62,099	12,961	7,475	5,486	3,254	45,483	60,769	60,000	769	1,327
Springfield	5,144	935	399	536	85	4,082	5,052	5,000	52	91
Baltimore	5,282	1,219	1,036	183	304	3,739	5,074	5,000	74	207
Columbia	5,249	732	575	157	401	4,095	5,043	5,000	43	206
Louisville	5,133	921	784	137	386	3,796	5,059	5,000	59	74
New Orleans	5,114	858	583	275	215	4,005	5,050	5,000	50	65
St. Louis	5,176	603	219	384	260	4,279	5,035	5,000	35	141
St. Paul	5,220	1,579	951	628	160	3,442	5,101	5,000	101	116
Omaha	5,083	516	385	131	193	4,341	5,029	5,000	29	54
Wichita	5,095	446	186	260	206	4,406	5,027	5,000	27	67
Houston	5,090	547	306	241	156	4,355	5,032	5,000	32	58
Berkeley	5,324	2,794	1,255	1,539	424	2,057	5,163	5,000	163	162
Spokane	5,180	1,811	796	1,015	464	2,886	5,104	5,000	104	86

[1] Includes guaranty fund of cooperatives.

Source: Farm Credit Administration.

No. 284.—FEDERAL HOME LOAN BANKS: PRINCIPAL ASSETS AND LIABILITIES, AS OF DECEMBER 31

[All figures in thousands of dollars]

Bank	Assets				Liabilities			
	Total	Loans outstanding	Government securities	Cash	Capital stock outstanding		Subscriptions to stock less balance due [1]	Surplus, reserve, and undivided profits
					Members	United States Government		
All banks: 1933	95,558	[2] 88,442	2,326	4,218	10,908	75,746	4,521	205
1934	110,048	[2] 87,258	14,376	7,860	20,480	81,646	1,451	1,807
Boston	7,134	3,198	2,876	1,016	1,816	5,000	104	48
Newark	15,062	14,302	109	577	2,677	11,500	353	180
Pittsburgh	11,700	11,340	138	145	1,505	8,500	116	174
Winston-Salem	7,894	6,258	1,010	572	1,823	5,700	62	74
Cincinnati	18,495	16,959	896	551	4,448	12,776	336	408
Indianapolis	8,137	5,742	1,248	1,137	1,937	8,000	47	123
Chicago	13,462	11,824	457	1,135	1,897	10,000	69	250
Des Moines	5,827	3,889	1,349	562	842	4,500	110	62
Little Rock	7,771	4,208	3,277	246	1,218	6,100	80	104
Topeka	5,843	4,245	1,263	299	908	4,700	67	155
Portland	3,972	2,281	1,022	637	477	3,310	25	125
Los Angeles	4,750	3,012	732	982	932	3,560	82	105

[1] Members and applicants.

[2] Figures include loans to affiliated banks amounting to $3,000,000 for 1933 and $600,000 for 1934.

Source: Federal Home Loan Board.

No. 285.—HOME OWNERS' LOAN CORPORATION: APPLICATIONS FOR LOANS AND LOANS CLOSED FROM DATE OF OPENING TO DEC. 27, 1934

[All money figures, except average loan, in thousands of dollars]

District and State	Loans closed							Applications received	
	Total			Refinancing		Reconditioning			
	Number of properties [1]	Amount	Average	Number [1]	Amount	Number [1]	Amount	Number	Amount
United States	722,213	[2] 2,184,080	$3,024	721,962	2,168,016	96,092	16,043	1,740,724	5,659,954
District No. 1	126,501	608,878	4,813	126,498	607,279	6,545	1,599	303,206	1,482,000
Maine	2,596	6,065	2,336	2,596	6,063	4	2	7,388	18,708
New Hampshire	1,742	4,226	2,426	1,742	4,200	62	26	3,480	8,941
Vermont	1,318	3,549	2,692	1,318	3,464	270	85	2,308	6,328
Massachusetts	17,659	78,869	4,466	17,659	78,869			47,031	213,991
Rhode Island	5,482	22,337	4,075	5,482	22,168	733	169	12,047	50,557
Connecticut	9,464	41,544	4,390	9,461	40,966	2,607	577	21,661	106,213
New York	58,910	309,047	5,246	58,910	308,691	1,413	356	134,620	690,370
New Jersey	20,330	143,241	4,884	29,330	142,857	1,256	384	74,662	386,892
District No. 2	123,279	375,077	3,043	123,279	374,028	5,783	1,049	383,878	1,295,315
Pennsylvania	30,267	87,900	2,904	30,267	87,473	1,941	427	107,234	405,208
Delaware	1,359	4,217	3,103	1,359	4,216	1	1	2,552	8,477
Maryland	12,111	35,087	2,897	12,111	35,031	344	56	27,804	83,611
Dist. of Columbia	1,649	9,717	5,893	1,649	9,709	22	8	4,189	26,154
Virginia	9,001	29,119	3,235	9,001	28,562	3,475	557	18,916	57,774
West Virginia	6,542	16,807	2,569	6,542	16,807			17,001	44,204
Ohio	62,350	192,230	3,083	62,350	192,230			186,180	670,887
District No. 3	115,158	264,200	2,466	115,033	279,184	26,423	5,035	242,008	590,319
North Carolina	9,296	24,000	2,582	9,296	23,999	1	[3]	20,137	52,392
South Carolina	4,312	10,171	2,359	4,312	10,171			8,752	20,393
Georgia	12,657	28,594	2,259	12,646	27,007	7,134	1,587	22,005	50,048
Florida	11,705	26,747	2,285	11,705	26,747			22,702	61,303
Kentucky	7,369	20,894	2,835	7,369	20,617	1,972	277	19,835	50,123
Tennessee	11,086	24,602	2,219	11,041	24,384	1,709	219	22,038	49,432
Alabama	11,700	26,630	2,276	11,700	26,630			25,795	57,351
Mississippi	7,371	13,576	1,842	7,371	13,169	1,791	406	17,908	36,127
Missouri	20,041	61,726	3,080	20,040	60,942	6,952	784	41,209	131,416
Arkansas	8,706	15,713	1,805	8,673	15,228	2,933	485	18,771	31,911
Louisiana	10,915	31,547	2,890	10,880	30,260	3,961	1,277	22,794	66,823
District No. 4	143,215	439,985	3,072	143,139	434,563	36,429	5,423	378,989	1,219,373
Indiana	34,116	77,352	2,267	34,116	76,432	7,230	920	79,834	196,357
Illinois	37,017	142,220	3,842	37,011	142,016	1,615	204	107,156	431,489
Michigan	47,649	134,443	2,822	47,648	131,909	17,020	2,534	140,501	388,054
Wisconsin	24,433	85,970	3,519	24,364	84,206	10,564	1,764	51,498	203,474
District No. 5	131,913	284,116	2,154	131,895	282,028	16,947	2,088	230,530	570,741
Minnesota	16,341	37,328	2,284	16,341	36,311	8,464	1,017	33,151	82,704
Iowa	14,126	28,080	1,988	14,126	28,080			29,810	61,067
North Dakota	3,657	7,680	2,100	3,657	7,635	306	46	7,001	14,629
South Dakota	5,047	9,188	1,821	5,047	8,988	2,125	200	8,772	15,954
Nebraska	10,883	22,432	2,061	10,883	21,883	4,361	549	18,692	39,913
Kansas	14,355	25,746	1,794	14,355	25,746			29,390	53,114
Oklahoma	20,848	47,791	2,292	20,848	47,731	348	60	37,610	84,664
Texas	35,424	83,602	2,360	35,424	83,585	84	17	73,308	170,573
Colorado	9,267	18,160	1,960	9,267	18,039	821	121	18,352	39,012
New Mexico	1,965	4,109	2,091	1,947	4,080	438	79	4,444	9,111
District No. 6	82,147	191,805	2,335	82,118	190,957	4,166	848	192,117	501,205
Montana	2,795	5,522	1,976	2,788	5,428	413	95	6,723	12,746
Idaho	2,854	4,915	1,722	2,840	4,816	604	99	6,127	9,900
Wyoming	2,109	4,721	2,238	2,105	4,690	66	31	3,643	7,573
Utah	7,934	18,934	2,386	7,934	18,879	48	55	14,380	34,146
Nevada	1,099	3,004	2,733	1,098	2,964	34	40	1,642	4,567
Arizona	5,375	13,162	2,449	5,375	13,009	758	153	8,870	23,417
Washington	17,386	31,559	1,815	17,386	31,559			38,752	76,349
Oregon	7,375	14,280	1,936	7,372	14,214	241	66	16,088	35,581
California	34,848	94,684	2,717	34,848	94,374	2,001	310	94,413	291,718
Hawaii	372	1,024	2,753	372	1,024			1,479	5,208

[1] Of the total 96,092 reconditioning loans, 95,941 cases have received refinancing loans also and are included in the total 721,962 refinancing loans; the remaining 251, representing reconditioning loans on unencumbered property, are included in the total 722,213 properties on which loans have been made.
[2] *This item does not include those loans in process of closing.*
[3] Less than $500.

Source: Federal Home Loan Bank Board.

No. 286.—RECONSTRUCTION FINANCE CORPORATION: LOANS, SUBSCRIPTIONS, PURCHASES, AND ALLOCATIONS

[All figures in thousands of dollars]

	1933		1934		Total, Feb. 2, 1932, to Dec. 31, 1934		Outstanding Dec. 31, 1934
	Disbursed	Repaid	Disbursed	Repaid [1]	Disbursed	Repaid [1]	
Grand total	2,376,747	747,660	2,818,452	1,396,446	[2] 6,838,312	[2] 2,459,054	4,379,258
Loans, subscriptions, and purchases	1,776,408	742,660	1,827,931	1,396,446	5,129,086	2,439,054	2,690,032
Loans under the R. F. C. Act [3]	1,156,943	734,593	787,357	1,028,270	3,371,903	2,062,896	1,309,207
Banks and trust companies [4]	578,695	461,876	383,166	462,388	1,812,722	1,180,513	632,209
Building and loan associations [5]	19,188	37,196	1,922	48,077	114,972	94,800	20,082
Insurance companies	19,644	21,164	1,836	37,937	89,518	64,689	24,829
Mortgage-loan companies	126,042	25,293	73,426	90,655	287,890	127,299	160,591
Federal land banks	123,618		[6] 245,118	308,589	[6] 387,236	308,589	78,647
Joint-stock land banks	12,420	744	711	8,357	15,659	9,164	6,495
Federal intermediate credit banks	9,250	9,250			9,250	9,250	
Agricultural credit corporations	1,729	2,412	350	1,178	5,536	4,673	863
Regional agricultural credit corp'ns	149,782	125,268	18,089	47,975	173,244	173,244	
Livestock credit corporations	758	6,082	249	1,340	12,818	11,484	1,334
Railroads [7]	109,783	45,175	53,189	13,713	447,283	70,728	376,555
State funds for insuring repayment of public moneys	5,888	75	2,500	7,771	8,388	7,847	541
To industrial or commercial business [8]			6,743	116	6,743	116	6,627
All other	146	58	58	144	644	210	434
Other loans under various acts:							
Self-liquidating projects [9]	47,866	152	67,952	8,821	131,555	8,973	122,582
Financing exports of agricultural surpluses	7,143	243	13,050	4,776	20,199	5,023	15,176
Financing of agricultural commodities and livestock	70,003	3,251	227,714	258,171	[10] 299,157	[10] 261,537	37,620
Relief and work relief	220,018	970		1,241	299,985	2,212	297,773
On preferred stock of banks and trust companies	10,358	59	10,299	1,474	20,657	1,533	19,124
On preferred stock of insurance companies	4,375		25,750	92	30,125	92	30,033
To Secretary of Agriculture for purchase of cotton	3,300	3,300			3,300	3,300	
To drainage, levee, and irrigation districts	2,414		9,884		12,298		12,298
For acquisition of property declared unsafe, or repair of property damaged by flood, earthquake, etc., in 1933, and Jan. or Feb. 1934			160		160		160
To a public school authority [11]			22,300	22,300	22,300	22,300	
Subscriptions for preferred stock of banks and trust companies	136,998	87	455,002	6,056	592,000	6,143	585,857
Purchases of capital notes or debentures of banks and trust co's	116,990		208,357	65,245	325,347	65,245	260,102
Subscription for preferred stock of an insurance company			100		100		100
Allocations	600,339	5,000	990,521		1,709,226	20,000	1,689,226
For relief, Fed. Emer. Rel. Act, 1933	315,162		184,453		499,588		499,588
For direct relief and/or public works: Emerg. App. Act, 1935			470,000		470,000		470,000
To other Government agencies	285,177	5,000	336,068		739,638	20,000	719,638
To Secretary of the Treasury for: Purchase of stock of Federal home-loan banks	74,926		5,900		81,646		81,646
Purchase of stock of Home Owners' Loan Corporation	19,000		181,000		200,000		200,000
Regional agricultural credit corporations for expenses	5,651		4,168		10,392		10,392
To Land Bank Commissioner	82,600		65,000		147,600		147,600
To Secretary of Agriculture: Crop loans	60,000	5,000			135,000	20,000	115,000
Reallocated as capital regional agricultural credit corp'ns	2,500				44,500		44,500
Reallocated to Governor of Farm Credit Administration	40,500				40,500		40,500
To Fed. Farm Mortg. Corp. [12]			55,000		55,000		55,000
To Fed. Housing Administrator			25,000		25,000		25,000

[1] Exclusive of repayments unallocated, pending advices, as of Dec. 31, 1934.
[2] In addition, during 1934, the Corporation purchased securities for $29,760,750 from the Federal Emergency Administration of Public Works. $28,232,141 of these securities were resold or retired at maturity.
[3] As amended. [4] Including receivers, liquidating agents, and conservators. [5] Including receivers.
[6] Includes $193,618,000 representing refinancing of previous loans by the corporation to these banks.
[7] Including receivers and trustees. [8] Including purchases of participations in loans.
[9] Including repairs to buildings damaged by earthquake, fire, tornado, or cyclone in 1933.
[10] Includes $287,993,440 disbursed to the Commodity Credit Corporation, of which $254,831,203 was repaid.
[11] For payment of teachers' salaries due prior to June 1, 1934. [12] To make loans to farmers.

Source: Reconstruction Finance Corporation.

No. 287.—GOVERNMENT CORPORATIONS AND CREDIT AGENCIES OF THE UNITED STATES: ASSETS AND LIABILITIES AS OF DEC. 31, 1934

[In millions and tenths of millions of dollars]

	Grand total	Financed wholly from Government funds								
		Total	Reconstruction Finance Corporation	Commodity Credit Corporation	Export-import banks	Public Works Administration	Regional Agricultural Credit Corporations	Production Credit Corporation	U. S. Shipping Board Merchant Fleet Corp'n	Other (including crop loans) [1]
Assets, total [2]	10,654.5	3,764.0	2,618.7	37.8	14.2	256.8	94.1	113.8	210.9	417.7
Loans	7,323.8	2,067.0	1,435.7	37.2	(3)	254.7	[4] 87.1	-------	112.9	139.4
Preferred stock, etc	837.0	837.0	833.6	-------	-------	-------	-------	-------	-------	3.4
Cash	322.1	114.7	[4] 6.0	.1	14.2	-------	[4] 1.9	1.7	17.8	73.0
Investments:										
U. S. securities	469.1	23.4	-------	-------	-------	-------	-------	1.8	-------	21.6
Obligations guaranteed by U. S	230.0	4.1	-------	-------	-------	-------	(3)	4.1	-------	-------
Other investments	715.2	131.3	-------	-------	-------	-------	-------	105.5	21.3	4.5
Other assets	757.3	586.5	343.4	.5	(3)	2.1	5.1	.6	59.1	175.8
Liabilities, total [2]	5,906.6	400.2	272.4	.1	.4	-------	.7	.9	16.6	109.0
Bonds, notes, debentures:										
Guaranteed by U. S	3,311.5	249.3	249.3	-------	-------	-------	-------	-------	-------	-------
Other	2,370.4	88.5	-------	-------	-------	-------	-------	-------	-------	88.5
Other liabilities	224.7	62.3	[4] 23.1	.1	.4	-------	.7	.9	16.6	20.5
Excess of assets over liabilities [2]	4,747.9	3,363.8	2,346.2	37.7	13.8	256.8	93.4	112.9	194.3	308.7
Privately owned interests	270.6	-------	-------	-------	-------	-------	-------	-------	-------	-------
U.S. interests	4,477.3	3,363.8	2,346.2	37.7	13.8	256.8	93.4	112.9	194.3	308.7
Distribution of U.S. interests:										
Capital stock	6,792.0	5,751.6	500.0	3.0	13.8	[5] 377.4	44.5	112.0	50.0	4,650.9
Surplus	376.6	237.4	65.2	1.1	(3)	-------	10.2	.9	144.3	15.7
Interagency interests, net	[6] *2,631.3*	[6] *2,625.1*	1,781.1	33.6	-------	[6] *120.6*	38.7	-------	-------	[6] *4,557.8*

	Financed partly from Government funds and partly from private funds									
	Total [7]	Federal land banks	Federal intermediate credit banks	Federal Farm Mortgage Corporation	Banks for cooperatives	Home loan banks	Home Owners Loan Corporation [8]	Fed. Savings and Loan Insurance Corp'n	Fed. savings and loan associations	Federal Deposit Insurance Corporation
Assets, total [2]	6,390.9	2,237.4	234.8	1,217.6	114.1	110.0	2,529.4	101.8	[9] 11.2	334.0
Loans	5,256.8	1,980.1	150.7	616.8	27.9	87.3	[10] 2,394.0	-------	-------	-------
Cash	207.4	39.1	5.3	5.6	5.6	7.9	126.9	1.1	-------	15.9
Investments:										
U. S. securities	445.7	67.6	33.5	-------	27.0	2.1	-------	-------	-------	315.5
Obligations guaranteed by U. S	225.9	24.4	40.7	-------	52.9	7.9	-------	100.0	-------	-------
Other investments	583.9	(3)	(3)	579.5	-------	4.4	-------	-------	-------	-------
Other assets	170.8	126.2	4.6	15.7	.8	.6	8.5	.7	11.2	2.7
Liabilities, total [2]	5,506.5	1,880.1	170.1	1,016.3	(3)	3.7	2,432.7	.2	-------	3.3
Bonds, notes, debentures:										
Guaranteed by U. S	3,062.2	-------	-------	979.6	-------	-------	[11] 2,082.6	-------	-------	-------
Other	2,281.9	*1,793.3*	*164.4*	-------	-------	-------	324.2	-------	-------	-------
Other liabilities	162.4	86.8	5.7	36.7	(3)	[4] 3.7	25.9	.2	-------	3.3
Excess of assets over liabilities [2]	1,384.1	357.3	64.7	201.3	114.1	106.3	96.7	101.6	11.2	330.7
Privately owned interests	270.6	105.3	-------	-------	1.6	23.5	-------	-------	-------	139.3
U. S. interests	1,113.5	251.0	64.7	201.3	112.6	82.9	96.7	101.6	11.2	191.4
Distribution of U. S. interests:										
Capital stock	*1,040.5*	*117.6*	*70.0*	*200.0*	*110.0*	*81.6*	*200.0*	*100.0*	*11.2*	*150.0*
Surplus	139.2	61.8	33.4	1.3	2.6	.3	[12] *3.3*	1.6	-------	41.4
Interagency interests, net	[6] *66.1*	71.6	[6] *38.7*	-------	-------	.9	[6] *100.0*	-------	-------	-------

[1] Includes interagency interest held by the United States Treasury.
[2] Exclusive of interagency assets and liabilities except bond investments. [3] Less than $50,000.
[4] Adjusted for items in transit. [5] Nonstock or includes nonstock proprietary interest.
[6] Excess of interagency assets, deduct. [7] Includes War Finance Corporation not shown separately.
[8] Preliminary. [9] Includes only the amount of capital stock subscribed by the United States.
[10] Includes accrued interest. [11] Includes unissued bonds covering loans in process. [12] Deficit.

Source: Treasury Department, compiled from reports received from the organizations concerned.

No. 288.—CLEARING-HOUSE EXCHANGES: SUMMARY FOR UNITED STATES

NOTE.—Prior to 1920 data are for all cities reporting to the New York Clearing House Association; commencing 1920 they are for 155 identical cities. The comparability of these figures is affected (1) by changes in the number of cities reporting, and (2) by the tendency toward consolidation of banks, eliminating former clearings between two or more banks. Debits to individual account (Tables 289 and 290) are a more significant measure of volume of payment. The divisions shown in this table, with the exception of the New England, differ from the geographical divisions shown in most tables in the Abstract. The Eastern division includes the States comprising the Middle Atlantic division in other tables (see for example table 258) and Delaware, Maryland, and District of Columbia of the South Atlantic division; the Southern includes the other six South Atlantic States, the East South Central and the West South Central States with the exception of Oklahoma; the Middle Western includes the East North Central States, Minnesota, Iowa, and Missouri; the Western, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Montana, Wyoming, and Colorado; the Pacific, Washington, Oregon, California, Idaho, Utah, Nevada, and Arizona

[All figures in millions of dollars]

Year ended Sept. 30—	United States	Outside New York City	New York City	Year ended Sept. 30—	United States	Outside New York City	New York City
1882	61,054	14,501	46,553	1892	60,884	24,604	36,280
1883	53,536	13,243	40,293	1893	56,881	24,460	34,421
1884	47,387	13,295	34,092	1894	45,028	20,798	24,230
1885	37,770	12,519	25,251	1895	50,975	22,711	28,264
1886	48,212	14,837	33,375	1896	51,936	22,585	29,351
1887	52,127	17,254	34,873	1897	54,180	22,842	31,338
1888	48,751	17,887	30,864	1898	65,925	26,072	39,853
1889	53,501	18,705	34,796	1899	88,829	31,461	57,368
1890	59,882	22,221	37,661	1900	84,582	32,618	51,965
1891	57,181	23,127	34,054	1901	114,820	37,799	77,021

Year ended Sept. 30—	United States		New England division	Eastern division		Southern division	Middle Western division	Western division	Pacific division
	Total	Outside New York City		Total	New York City				
1902	115,892	41,139	7,861	84,892	74,753	2,899	17,262	793	2,185
1903	113,963	43,130	7,796	81,533	70,834	3,266	17,979	838	2,551
1904	102,856	42,684	7,331	69,507	59,673	3,695	18,376	830	2,618
1905	140,502	48,623	8,467	103,765	91,879	4,016	20,097	964	3,194
1906	157,681	53,927	9,245	117,034	103,754	4,606	21,877	1,110	3,810
1907	154,477	59,161	9,712	108,662	95,315	5,113	24,746	1,384	4,860
1908	126,239	52,608	8,115	85,343	73,631	4,485	23,145	1,382	3,768
1909	158,877	59,620	9,372	111,501	99,258	5,108	26,682	1,700	4,514
1910	168,987	66,433	9,707	116,778	102,554	5,951	29,148	1,980	5,422
1911	159,540	67,119	9,616	106,742	92,420	6,528	29,062	1,938	5,654
1912	168,686	72,014	10,278	111,672	96,672	7,446	30,910	2,043	6,338
1913	173,193	75,071	9,807	114,430	98,122	6,750	33,338	2,221	6,647
1914	163,860	74,089	9,400	105,474	89,760	6,774	33,567	2,278	6,357
1915	163,189	72,347	9,022	105,793	90,843	6,411	33,442	2,410	6,112
1916	242,236	95,055	12,211	167,897	147,181	8,830	42,671	3,248	7,379
1917	305,062	123,528	14,433	208,061	181,534	11,771	56,149	4,485	10,163
1918	320,989	146,464	16,975	205,810	174,524	15,577	63,621	6,599	12,406
1919	387,854	173,151	19,237	252,255	214,703	20,707	72,366	7,695	15,594
1920 [1]	*463,521*	*211,183*	*22,378*	*297,491*	*252,338*	*27,452*	*86,237*	*9,475*	*20,488*
1920	455,156	202,818	22,378	297,183	252,338	24,600	83,519	8,337	19,140
1921	369,220	165,138	17,334	242,886	204,082	17,461	68,323	6,254	16,962
1922	374,485	161,138	18,039	251,070	213,327	16,977	64,790	5,870	17,718
1923	402,619	187,998	21,801	259,164	214,621	20,056	74,242	6,140	21,216
1924	428,763	193,264	23,357	280,734	235,499	21,665	74,495	5,693	22,818
1925	489,143	212,269	25,050	327,519	276,874	24,299	82,078	6,060	24,137
1926	518,117	224,674	27,881	346,781	293,443	25,865	84,893	6,150	26,848
1927	528,767	221,608	29,319	358,634	307,159	23,234	84,591	6,118	26,871
1928	597,153	228,235	29,868	420,330	368,918	22,577	87,879	6,595	29,806
1929	694,870	237,932	29,846	512,177	456,938	23,214	91,780	6,946	30,908
1930	613,252	213,780	29,025	451,017	399,472	20,736	79,091	6,344	27,038
1931	449,625	161,890	22,462	327,627	287,735	15,617	57,999	5,113	20,803
1932	284,664	107,358	14,003	204,267	177,306	11,535	36,552	3,583	14,725
1933	240,603	86,031	11,009	176,941	154,572	9,962	28,021	2,807	11,864
1934 [2]	261,695	98,970	11,263	187,265	162,725	12,646	33,190	3,464	13,867

[1] As stated in the headnote, figures prior to 1920 cover all cities reporting, while figures for subsequent years cover only cities which reported the entire period 1920 to 1934. Figures for 1920 in italics have been compiled to cover the same cities as were included in the 1919 figures.

[2] Total clearings of 267 cities reporting in 1934 amounted to $269,441,000,000 compared with $247,292,000,000 reported by these cities in 1933.

Source: Comptroller of the Currency, Treasury Department.

No. 289.—DEBITS TO INDIVIDUAL ACCOUNTS: VOLUME REPORTED BY BANKS IN 141 PRINCIPAL CITIES, BY DISTRICTS AND BY MONTHS

NOTE.—**All figures in millions of dollars.** Figures represent debits or charges on the books of reporting member and nonmember banks to deposit accounts of individuals, firms, and corporations, and of the United States, State, county, and municipal governments, including debits to savings accounts, payments *from* trust accounts, and certificates of deposit paid. Figures do not include debits to the accounts of other banks or in settlement of clearing-house balances, payment of cashiers' checks, charges to expense and miscellaneous accounts, corrections, and similar charges

Year	Total	Total, excl. New York City	New York City	Boston district (11 cities)	New York district (7 cities)		Philadelphia district (10 cities)	Cleveland district (13 cities)	Richmond district (7 cities)
					Total	Excl. New York			
1919	455,204	211,175	244,119	25,898	250,880	6,761	19,496	23,559	8,611
1920	483,026	241,596	241,430	28,137	249,375	7,945	22,092	27,077	9,635
1921	309,036	101,941	207,095	21,736	213,911	6,816	18,690	21,105	8,235
1922	439,304	199,509	239,855	22,392	247,067	7,212	19,985	22,200	7,716
1923	463,726	225,330	238,396	24,851	246,493	8,097	22,301	26,140	8,501
1924	491,091	228,161	263,530	25,675	271,861	8,331	22,773	25,775	8,298
1925	570,064	256,690	313,374	29,014	322,843	9,469	25,253	28,726	9,193
1926	607,956	268,901	339,055	31,033	348,833	9,778	26,248	30,022	9,336
1927	673,861	282,303	391,558	33,566	401,819	10,260	27,201	32,180	9,231
1928	806,405	306,193	500,211	34,228	511,584	11,374	30,463	33,317	9,086
1929	935,027	331,938	603,089	37,472	616,060	12,972	33,440	36,025	9,379
1930	661,957	277,317	384,639	30,221	395,354	10,714	26,690	31,256	8,895
1931	481,367	217,523	263,834	24,153	272,183	8,349	21,662	24,079	7,661
1932	322,366	154,401	167,964	17,727	174,577	6,613	14,811	15,427	5,994
1933 (11 months) [1]	282,706	134,257	148,449	15,566	154,108	5,659	12,970	13,011	4,852
1934	331,937	165,989	165,948	18,365	172,647	6,699	15,794	16,475	6,341

Year	Atlanta district (15 cities)	Chicago district (21 cities)			St. Louis district (5 cities)	Minneapolis district (9 cities)	Kansas City district (15 cities)	Dallas district (10 cities)	San Francisco district (18 cities)
		Total	City of Chicago	Excl. Chicago					
1919	11,139	50,669	33,595	17,074	12,920	8,240	14,814	6,165	22,903
1920	12,812	59,066	37,954	21,112	13,542	8,902	16,322	7,240	28,226
1921	9,383	46,837	30,832	16,005	10,401	6,788	12,207	5,807	23,937
1922	9,579	49,304	32,331	16,973	10,939	6,971	12,550	6,010	24,502
1923	11,137	55,367	35,279	20,088	12,794	7,495	13,494	6,217	28,936
1924	11,721	55,995	35,723	20,272	12,812	8,240	12,778	6,227	29,535
1925	13,913	63,575	40,470	23,105	14,385	9,039	14,193	7,197	32,731
1926	14,264	67,217	42,839	24,378	14,741	8,801	14,824	7,474	35,663
1927	13,700	70,195	45,970	24,225	14,750	8,609	15,088	7,782	39,470
1928	13,707	79,062	51,162	27,900	15,495	9,297	16,082	8,415	45,670
1929	14,267	88,910	58,739	30,171	15,651	10,139	17,818	9,196	46,673
1930	11,923	72,434	47,094	25,340	13,031	8,662	15,770	7,796	39,924
1931	9,919	55,257	35,065	20,192	10,464	6,710	11,930	6,084	31,255
1932	7,350	38,043	23,823	14,220	7,832	5,038	8,644	4,666	22,256
1933 (11 months) [1]	6,445	32,129	21,939	10,190	6,987	5,079	7,875	4,339	19,356
1934	8,004	41,252	26,326	14,926	8,491	5,751	9,771	5,550	23,495

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All districts:												
1929	82,814	70,777	83,524	74,750	76,535	69,666	77,631	77,344	77,617	95,527	82,090	66,752
1930	60,423	52,625	65,723	62,946	61,811	62,312	52,744	45,993	48,636	54,460	42,176	52,107
1931	46,253	38,031	47,011	46,440	43,980	45,299	39,451	34,027	36,700	38,802	29,009	36,345
1932	33,569	27,261	29,889	29,923	25,411	27,103	25,239	25,215	25,931	25,298	20,750	26,787
1933	24,466	22,437	(1)	22,628	25,486	29,711	31,232	25,452	24,555	26,307	24,131	26,301
1934	27,221	25,015	29,685	31,231	28,757	30,142	27,752	25,706	24,009	26,750	24,752	30,915
All districts, excl. New York City:												
1929	28,095	24,489	28,099	26,770	26,492	26,404	28,416	28,310	27,274	32,202	28,486	26,902
1930	25,691	21,508	24,983	24,315	24,388	24,621	23,145	20,941	21,253	23,679	19,686	23,107
1931	21,697	17,084	19,421	19,620	18,858	19,406	18,444	16,526	16,627	18,125	14,605	17,112
1932	15,893	12,870	13,729	14,366	12,498	12,901	12,511	11,756	11,787	12,354	10,935	12,820
1933	12,063	10,401	(1)	10,616	11,509	12,969	13,878	12,376	12,215	13,027	11,927	13,287
1934	13,198	11,784	14,077	14,278	14,105	14,754	13,910	13,421	12,888	14,465	13,409	15,700
New York City:												
1929	54,719	46,289	55,425	47,979	50,043	43,263	49,215	49,034	50,342	63,325	53,604	39,850
1930	34,732	31,117	40,740	38,631	37,423	37,690	29,600	26,052	27,383	30,781	22,490	29,001
1931	24,557	20,948	27,589	26,821	25,072	25,893	21,007	17,501	20,073	20,678	14,404	19,233
1932	17,676	14,381	16,160	15,558	12,913	14,202	12,728	13,458	14,163	12,944	9,815	13,967
1933	12,413	12,037	(1)	12,012	13,977	16,743	17,354	13,076	12,340	13,280	12,204	13,013
1934	14,023	13,231	15,608	16,953	14,652	15,388	13,842	12,285	11,121	12,285	11,343	15,215

[1] Figures for March not available.

Source: Federal Reserve Board.

No. 290.—DEBITS TO INDIVIDUAL ACCOUNTS: VOLUME REPORTED BY BANKS IN 141 PRINCIPAL CITIES

NOTE.—All figures in millions of dollars. For totals by districts see table 289

District and city	1926	1927	1928	1929	1930	1931	1932	1933 [1]	1934
Boston district:									
Bangor, Me	181	185	188	199	190	157	116	114	146
Boston, Mass	23,450	25,240	25,268	27,540	22,074	17,346	12,603	11,128	13,290
Fall River, Mass	355	376	371	354	277	234	164	152	182
Hartford, Conn	1,682	2,236	2,568	3,084	2,469	2,110	1,598	1,454	1,677
Holyoke, Mass	196	243	217	190	170	142	110	94	101
Lowell, Mass	247	243	239	254	223	196	145	130	142
New Bedford, Mass	360	304	322	378	297	236	163	149	175
New Haven, Conn	1,206	1,289	1,403	1,503	1,355	1,159	848	624	709
Providence, R. I	1,958	1,958	2,176	2,374	1,882	1,514	1,185	1,059	1,197
Waterbury, Conn	409	489	549	600	439	351	254	234	290
Worcester, Mass	929	943	928	995	845	707	540	417	456
New York district:									
Albany, N. Y [2]	1,608	1,758	1,853	2,172	2,213	1,684	1,764	1,589	2,025
Binghamton, N. Y	270	279	299	330	285	233	189	159	189
Buffalo, N. Y	4,322	4,437	5,226	6,283	4,736	3,532	2,454	2,066	2,420
New York, N. Y	339,055	391,558	500,211	603,089	384,030	263,834	167,964	148,449	165,948
Passaic, N. J	510	547	579	562	493	432	298	173	215
Rochester, N. Y	2,106	2,194	2,273	2,370	1,907	1,577	1,228	1,035	1,140
Syracuse, N. Y	961	1,046	1,144	1,255	1,081	890	686	637	711
Philadelphia district:									
Altoona, Pa	197	207	207	211	192	146	112	82	97
Chester, Pa	322	275	316	325	294	229	158	119	116
Lancaster, Pa	351	351	396	433	397	316	203	146	180
Philadelphia, Pa. [2]	21,938	22,840	26,678	28,253	22,254	17,840	11,907	10,645	13,030
Scranton, Pa	915	923	931	922	790	700	605	457	520
Trenton, N. J	871	905	968	1,038	908	924	703	584	736
Wilkes-Barre, Pa	505	587	611	570	468	410	328	256	272
Williamsport, Pa	230	249	253	272	211	171	114	73	90
Wilmington, Del	581	670	807	1,099	885	684	501	454	575
York, Pa	279	283	298	317	290	241	180	154	179
Cleveland district:									
Akron, Ohio	1,130	1,218	1,343	1,442	1,170	942	584	392	538
Cleveland, Ohio	9,088	9,793	10,188	11,439	9,882	7,822	4,889	3,842	4,738
Columbus, Ohio	1,926	2,017	2,063	2,319	2,205	1,788	1,141	996	1,451
Dayton, Ohio	1,058	1,132	1,166	1,299	1,066	864	523	403	489
Erie, Pa	434	435	454	497	467	375	246	182	226
Greensburg, Pa	249	270	250	255	236	100	63	42	60
Lexington, Ky	281	299	297	340	298	235	187	161	208
Oil City, Pa	172	186	212	235	196	147	106	65	86
Pittsburgh, Pa	11,342	12,273	12,190	13,515	11,937	9,101	6,027	5,478	6,800
Springfield, Ohio	289	287	281	299	271	209	138	111	144
Toledo, Ohio	2,037	2,857	3,354	2,769	2,190	1,492	893	792	1,024
Wheeling, W. Va	568	560	626	627	528	440	319	292	324
Youngstown, Ohio	848	854	893	988	812	563	314	285	387
Richmond district:									
Baltimore, Md	5,205	5,052	4,942	5,217	5,166	4,413	3,384	2,454	3,137
Charlotte, N. C	612	659	690	713	582	500	407	404	541
Columbia, S. C	229	281	292	299	303	261	169	139	208
Greenville, S. C. [3]	336	333	285	272	219	181	124	128	161
Norfolk, Va	951	898	859	804	682	566	425	371	505
Raleigh, N. C	313	297	297	300	288	259	180	170	288
Richmond, Va	1,690	1,711	1,720	1,773	1,656	1,480	1,305	1,185	1,499
Atlanta district:									
Atlanta, Ga	1,961	1,886	2,026	2,553	1,917	1,625	1,283	1,200	1,560
Augusta, Ga	320	331	331	329	258	207	154	151	197
Birmingham, Ala	1,726	1,794	1,806	1,785	1,475	1,158	739	635	817
Chattanooga, Tenn	582	537	594	632	571	455	320	275	329
Jacksonville, Fla	1,341	1,047	903	908	834	684	513	477	613
Knoxville, Tenn	413	423	441	435	372	307	247	167	221
Macon, Ga	287	270	272	245	203	155	113	108	131
Mobile, Ala	470	483	482	496	443	350	272	234	281
Montgomery, Ala	288	314	333	344	286	205	153	157	235
Nashville, Tenn	1,003	1,090	1,220	1,326	1,087	826	640	583	743
New Orleans, La	4,146	4,189	4,109	4,095	3,531	3,162	2,307	1,920	2,202
Pensacola, Fla	107	96	92	90	80	70	52	51	69
Savannah, Ga	603	610	534	522	442	302	286	252	294
Tampa, Fla	921	579	468	416	354	298	226	187	252
Vicksburg, Miss	96	92	95	91	70	54	45	49	61
Chicago district:									
Bay City, Mich	162	157	153	166	139	113	74	54	92
Bloomington, Ill	156	157	172	192	173	143	97	75	97
Cedar Rapids, Iowa	486	499	546	573	549	468	339	176	230
Chicago, Ill	42,839	45,970	51,162	58,739	47,094	35,065	23,823	21,939	26,326
Davenport, Iowa	410	432	510	564	566	455	265	140	177
Decatur, Ill	240	248	250	258	234	177	121	104	134
Des Moines, Iowa	975	986	997	1,022	980	857	696	611	851
Detroit, Mich	10,482	10,225	13,427	14,759	11,693	9,051	6,255	3,807	6,021
Dubuque, Iowa	185	195	202	190	179	137	86	63	81
Flint, Mich	439	524	605	632	446	360	251	151	216

For footnotes see p. 266.

No. 290.—Debits to Individual Accounts: Volume Reported by Banks in 141 Principal Cities—Continued

District and city	1926	1927	1928	1929	1930	1931	1932	1933 [1]	1934
Chicago district—Continued.									
Fort Wayne, Ind	510	516	560	637	554	434	283	216	272
Grand Rapids, Mich	1,040	995	1,052	1,107	881	754	538	330	429
Indianapolis, Ind	2,207	2,223	2,279	2,503	2,105	1,885	1,462	1,226	1,665
Kalamazoo, Mich	292	307	344	358	304	252	176	116	149
Lansing, Mich	402	385	420	512	352	281	177	100	172
Milwaukee, Wis	3,620	3,700	3,740	3,796	3,532	2,932	2,215	1,988	2,457
Peoria, Ill	571	578	644	739	664	501	372	338	455
Rockford, Ill	381	398	432	470	378	271	133	129	170
Sioux City, Iowa	976	867	699	753	678	503	304	290	374
South Bend, Ind	608	588	596	651	617	445	291	199	262
Waterloo, Ind	236	244	273	290	246	172	84	77	121
St. Louis district:									
Evansville, Ind	492	581	582	462	324	269	187	161	202
Little Rock, Ark	979	954	995	628	494	329	223	187	267
Louisville, Ky	2,358	2,312	2,458	2,524	2,184	1,574	1,248	1,196	1,551
Memphis, Tenn	1,821	1,952	1,912	2,196	1,681	1,200	988	958	1,202
St. Louis, Mo	9,090	8,951	9,548	9,841	8,348	7,085	5,187	4,485	5,271
Minneapolis district:									
Aberdeen, S. Dak	81	81	90	86	74	60	40	31	39
Billings, Mont	95	100	117	120	98	84	60	55	73
Duluth, Minn	954	1,112	1,094	1,094	884	611	410	419	412
Fargo, N. Dak	186	188	220	242	207	179	144	120	147
Grand Forks, N. Dak	108	99	103	98	84	72	52	37	43
Helena, Mont	108	109	116	124	105	91	68	64	97
Minneapolis, Minn	4,684	4,838	5,295	6,010	5,081	3,871	2,913	3,196	3,441
St. Paul, Minn	1,987	2,074	2,148	2,261	2,038	1,669	1,300	1,123	1,461
Superior, Wis	98	99	104	105	92	72	51	33	37
Kansas City district:									
Albuquerque, N. Mex	132	144	155	162	151	127	92	70	105
Bartlesville, Okla	251	280	213	279	314	209	207	225	252
Colorado Springs, Colo	181	181	202	208	202	169	128	112	134
Denver, Colo	2,159	2,119	2,196	2,434	2,058	1,687	1,231	1,134	1,474
Joplin, Mo	222	187	172	185	130	91	72	74	87
Kansas City, Kans	245	246	247	245	240	185	133	104	121
Kansas City, Mo	4,633	4,656	5,077	5,699	4,986	3,856	2,830	2,659	3,119
Muskogee, Okla	145	145	146	153	126	94	76	71	80
Oklahoma City, Okla	1,134	1,262	1,364	1,569	1,473	1,043	720	667	852
Omaha, Nebr	2,387	2,408	2,001	2,767	2,507	2,004	1,329	1,146	1,448
Pueblo, Colo	247	268	262	285	252	218	150	143	167
St. Joseph, Mo	748	682	714	704	563	414	272	253	312
Topeka, Kans	212	230	248	249	246	204	148	131	169
Tulsa, Okla	1,532	1,577	1,658	1,996	1,780	1,086	872	760	1,033
Wichita, Kans	596	[4] 698	829	882	743	543	384	328	417
Dallas district:									
Austin, Tex	238	238	238	271	243	221	191	173	261
Beaumont, Tex	259	288	301	344	302	236	108	141	195
Dallas, Tex	2,542	2,620	2,868	3,134	2,641	2,001	1,585	1,505	1,955
El Paso, Tex	381	385	426	491	433	290	185	156	216
Fort Worth, Tex	1,018	1,139	1,277	1,377	1,084	837	632	552	697
Houston, Tex	2,115	2,186	2,319	2,536	2,222	1,799	1,360	1,325	1,606
Shreveport, La	484	468	500	539	451	344	279	261	350
Texarkana, Tex	126	126	128	128	97	70	44	37	41
Tucson, Ariz	109	111	128	142	131	125	99	73	90
Waco, Tex	201	221	224	233	192	159	123	116	139
San Francisco district:									
Boise, Idaho	163	160	187	191	175	159	118	104	147
Fresno, Calif	485	495	436	424	395	272	188	161	227
Long Beach, Calif	591	580	674	752	580	473	307	244	279
Los Angeles, Calif	10,475	11,199	12,912	14,622	11,999	9,288	6,561	5,990	6,487
Oakland, Calif	2,065	2,697	3,017	2,846	2,317	2,247	2,021	1,782	1,998
Ogden, Utah	249	226	234	245	224	167	116	116	152
Pasadena, Calif	445	481	487	490	406	354	249	198	218
Portland, Oreg	2,195	2,046	2,202	2,371	2,100	1,711	1,177	1,142	1,478
Reno, Nev	111	114	123	156	133	119	82	55	92
Sacramento, Calif	394	480	605	625	581	553	451	291	737
Salt Lake City, Utah	865	862	927	1,012	885	711	515	457	588
San Diego, Calif	771	743	753	776	657	558	400	317	380
San Francisco, Calif	12,598	15,052	18,384	16,987	15,055	11,179	7,742	6,990	8,181
Seattle, Wash	2,551	2,616	2,958	3,297	2,814	2,242	1,515	1,338	1,652
Spokane, Wash	670	668	680	737	612	485	328	244	367
Stockton, Calif	325	343	352	345	285	205	151	126	170
Tacoma, Wash	548	539	559	608	526	385	243	209	265
Yakima, Wash	162	160	173	187	178	142	93	82	128

[1] 11 months; figures for March not available.
[2] Prior to September 1934 the figures for this center were not compiled in accordance with the approved formula and are not comparable with those reported beginning with that month.
[3] Figures through April 1928 are for Charleston, S. C. Greenville substituted for Charleston in national summaries beginning May 1928.
[4] Includes debits of $64,250,000 for June–December 1927 of 10 banks not reporting until June 1927.

Source: Federal Reserve Board.

No. 291.—BANKS SUSPENDED AND REOPENED: CONTINENTAL UNITED STATES, 1921 TO 1932

NOTE.—Capital and deposits in thousands of dollars. Banks closed on account of financial difficulties by order of supervisory authorities or by the directors of the bank. Figures of suspensions include banks subsequently reopened. For bank suspensions during 1933 and 1934, see table 292

Year	Banks suspended			Banks reopened		Banks suspended			Banks reopened	
	Number	Capital	Deposits	Number	Deposits	Number	Capital	Deposits	Number	Deposits
	All banks					National-bank members				
1921	505	23,732	172,188	97	24,437	52	2,989	20,777	9	2,201
1922	367	14,560	93,043	118	45,452	49	3,535	20,197	25	7,874
1923	646	21,307	149,601	69	17,348	90	4,823	34,244	11	3,670
1924	775	28,432	210,151	111	31,523	122	7,660	64,890	17	6,567
1925	618	24,753	167,555	81	22,931	118	7,990	55,574	8	3,441
1926	976	33,482	260,378	162	59,962	123	5,695	43,998	10	4,108
1927	669	25,371	199,329	129	43,144	91	5,415	45,547	8	4,759
1928	499	19,909	142,580	53	22,555	57	4,150	36,483	2	427
1929	659	33,432	230,643	69	28,686	64	5,095	41,614	3	1,404
1930	1,352	111,791	853,363	159	63,013	161	19,675	170,446	4	1,517
1931	2,294	207,965	1,690,669	276	157,159	409	49,347	439,171	25	24,717
1932	1,456	108,450	715,625	290	276,194	276	34,560	214,150	44	56,267
	State-bank members					Nonmember banks				
1921	19	2,234	17,363	1	468	434	18,509	134,048	87	21,768
1922	13	821	7,118	2	3,356	305	10,204	65,733	91	34,222
1923	32	2,110	12,559	3	1,183	524	14,484	102,798	55	12,545
1924	38	2,670	13,645	2	549	615	18,102	131,016	92	24,407
1925	28	1,950	9,883	2	315	472	14,813	102,098	71	19,176
1926	35	2,499	23,466	4	3,408	818	25,288	192,914	148	52,446
1927	31	2,474	17,942	2	2,200	547	17,482	135,840	119	36,185
1928	16	975	10,247	3	5,547	426	14,784	95,850	48	16,581
1929	17	1,980	16,459	2	506	578	26,357	172,570	64	26,676
1930	27	30,835	202,399	2	1,536	1,164	61,281	480,518	153	59,960
1931	107	34,414	203,957	6	27,753	1,778	124,204	957,541	245	104,689
1932	55	10,145	55,153	8	15,399	1,125	63,745	446,323	238	204,528

No. 292.—BANKS SUSPENDED, NONLICENSED BANKS PLACED IN LIQUIDATION OR RECEIVERSHIP AND LICENSED AND NONLICENSED BANKS ON SPECIFIED DATES, 1933 AND 1934

	Number of banks				Deposits (thousands of dollars)			
	Total	National	State member	Nonmember	Total	National	State member	Nonmember
Banks suspended Jan. 1 to Mar. 15, 1933	449	66	23	360	215,341	73,183	21,742	120,416
Licensed banks suspended:[1]								
1933 (Mar. 16 to Dec. 31)	179	9	6	164	145,710	17,322	3,527	124,861
1934	57	1	------	56	36,793	40	------	36,753
Nonlicensed banks placed in liquidation or receivership:[2]								
1933 (Mar. 16 to Dec. 31)	1,121	464	[3] 45	612	1,867,836	960,676	[3] 624,155	277,005
1934	927	398	[3] 23	506	624,921	390,218	[3] 36,492	195,211
Licensed banks on:[4]								
Mar. 15, 1933	------	4,507	571	------	------	16,195,145	9,359,142	------
Apr. 12, 1933	12,819	4,789	636	7,394	30,932,272	16,494,549	9,491,634	4,946,089
Dec. 30, 1933	14,344	5,154	857	8,333	32,229,882	17,555,239	9,611,735	5,062,908
June 30, 1934	15,135	5,417	958	8,760	36,325,932	19,895,897	11,116,470	5,313,565
Dec. 31, 1934	15,370	5,462	980	8,928	39,724,834	21,637,150	12,211,255	5,876,429
Nonlicensed banks:[4]								
Mar. 15, 1933	------	1,400	221	------	------	1,942,574	924,177	------
Apr. 12, 1933	4,194	1,108	148	2,938	3,977,530	1,818,541	841,382	1,317,607
Dec. 30, 1933	1,769	452	60	1,257	1,024,942	434,978	92,876	497,088
June 30, 1934	622	95	18	509	346,228	97,999	13,995	234,234
Dec. 31, 1934	158	5	4	149	88,332	6,510	1,795	80,027

[1] Includes banks placed on a restricted basis.
[2] Includes nonlicensed banks absorbed or succeeded by other banks.
[3] Includes banks which did not receive licenses following the banking holiday and withdrew from the Federal Reserve System before being placed in liquidation, as follows: 8 banks in 1933 with deposits of $67,217,000 and 14 banks in 1934 with deposits of $12,384,000.
[4] Exclusive of mutual savings banks. Nonlicensed banks include banks on a restricted basis or not in operation but not placed in liquidation or receivership.

Source of tables 291 and 292: Federal Reserve Board.

12. NATIONAL WEALTH AND INCOME

(Data in this section relate to continental United States)

No. 293.—ESTIMATED NATIONAL WEALTH OF THE UNITED STATES: TOTAL, 1850 TO 1922, AND BY CLASSES OF PROPERTY, 1900 TO 1922

NOTE.—Estimates of national wealth for the earlier censuses were not made by precisely the same methods used more recently and are not closely comparable. Changes in buying power of money, as indicated by levels of prices and wages, materially affect the comparisons (see price tables in Sec. 14). For distribution of principal classes of property by States for 1912 and 1922, see Statistical Abstract, 1932, Table 275. There have been no official estimates of wealth since 1922

[All figures, except per capita, in millions of dollars]

Year	Amount (millions of dollars)			Amount per capita (dollars)		
	Total	Taxable	Exempt	Total	Taxable	Exempt
1850	7,135	7,135	----	308	308	----
1860	16,160	16,160	----	514	514	----
1870 (currency basis)	30,069	30,069	----	780	780	----
1870 (gold basis)	24,055	24,055	----	624	624	----
1880	43,642	41,642	[1] 2,000	870	830	40
1890	65,037	61,204	3,833	1,036	975	61
1900	88,517	82,305	6,213	1,165	1,083	82
1904	107,104	100,273	6,831	1,318	1,234	84
1912	[1] 186,300	[2] 173,986	12,314	1,950	1,820	129
1922	320,804	300,298	20,506	2,918	2,731	186

Form of wealth	1900	1904	1912	1922
Grand total	**88,517**	**107,104**	[2] **186,300**	**320,804**
Real estate, plant and equipment, total	**69,845**	**83,801**	**141,700**	**229,406**
Real property taxed	*46,325*	*55,510*	[2] *96,923*	*155,909*
Real property exempt	6,213	6,831	12,314	20,506
Livestock	3,300	4,074	6,238	5,807
Farm implements and machinery	750	845	1,368	2,605
Gold and silver coin and bullion	1,677	1,999	2,617	4,278
Manufacturing machinery, tools, etc	2,541	3,298	6,091	15,783
Railroads and their equipment	9,036	11,245	16,149	19,951
Motor vehicles	----	----	----	4,567
Transportation and transmission enterprises (except railroads) total	**3,495**	**4,841**	**10,265**	**15,414**
Street railways	1,576	2,220	4,597	4,878
Telegraph systems	212	227	223	204
Telephone systems	400	586	1,081	1,746
Pullman and other private cars not owned by railroads	99	123	123	545
Pipe lines	----	----	----	*500*
Shipping and canals	538	846	[3] 1,491	[4] 2,951
Irrigation enterprises	----	----	361	----
Privately owned waterworks	268	275	290	361
Privately owned central electric light and power stations	403	563	2,099	4,229
All other, total	**15,174**	**18,462**	**34,334**	**75,984**
Agricultural products	*1,455*	1,899	*5,240*	*5,466*
Manufactured products	6,087	7,409	14,694	28,423
Imported merchandise	425	496	827	1,549
Mining products	327	408	816	730
Clothing and personal ornaments	2,000	2,500	4,295	39,816
Furniture, carriages, etc	4,880	5,750	8,463	

[1] From page 11, 1880 census volume, Valuation, Taxation, and Public Indebtedness.
[2] Differs from estimate as published in 1912 because of revision of estimate for taxed real property in Oklahoma.
[3] Includes $402,000,000 value of ships belonging to the United States Navy.
[4] Includes $1,446,000,000 value of ships belonging to the United States Navy.

Source: Bureau of the Census, Department of Commerce.

No. 294.—WEALTH: Estimated Value of All Tangible Property Situated in Each Geographic Division and State

NOTE.—See headnote to Table 293. This table shows, not the value of property owned by the citizens of each State, but that of the physical property lying in each State wherever the securities or other evidences of title representing it may be found or owned. The per capita figures thus do not represent the average wealth of the citizens of each State

Division and State	Amount (millions of dollars)						Total amount per capita (dollars)				
	Total					Taxable 1923					
	1890	1900	1904	1912 [1]	1922 [2]		1890	1900	1904	1912	1922
United States	65,037	88,517	107,104	186,300	320,804	300,298	1,036	1,165	1,318	1,950	2,913
New England	5,223	7,753	8,823	11,918	24,415	22,552	1,111	1,386	1,498	1,761	3,186
Maine	489	682	776	1,018	2,007	1,919	740	982	1,096	1,351	2,586
New Hampshire	325	472	517	658	1,374	1,283	863	1,147	1,214	1,513	3,074
Vermont	266	330	360	505	842	799	799	960	1,035	1,407	2,389
Massachusetts	2,804	4,359	4,956	6,381	12,981	11,895	1,252	1,554	1,672	1,827	3,243
Rhode Island	504	711	799	986	1,925	1,814	1,459	1,658	1,702	1,737	3,066
Connecticut	835	1,199	1,415	2,370	5,286	4,842	1,119	1,320	1,453	2,041	3,614
Middle Atlantic	16,213	24,554	29,478	47,001	77,663	71,358	1,277	1,689	1,763	2,374	3,352
New York	8,577	12,505	14,769	25,664	37,035	33,019	1,430	1,720	1,868	2,694	3,436
New Jersey	1,445	2,734	3,236	6,011	11,794	11,170	1,000	1,451	1,547	2,240	3,524
Pennsylvania	6,191	9,315	11,473	16,226	28,834	27,169	1,177	1,478	1,707	2,086	3,187
East North Central	15,041	19,662	23,991	38,608	63,823	55,516	1,117	1,230	1,416	2,112	3,003
Ohio	3,951	5,019	5,947	9,123	18,439	17,553	1,076	1,207	1,367	1,861	3,048
Indiana	2,095	2,607	3,106	5,359	8,830	8,337	956	1,036	1,174	1,954	2,942
Illinois	5,067	6,977	8,817	15,500	22,233	21,191	1,324	1,447	1,689	2,663	3,295
Michigan	2,095	2,654	3,282	5,298	11,405	10,890	1,001	1,096	1,297	1,828	2,899
Wisconsin	1,833	2,405	2,839	4,328	7,866	7,545	1,087	1,163	1,292	1,808	2,887
West North Central	10,214	13,785	16,830	30,610	46,019	44,080	1,149	1,332	1,546	2,567	3,588
Minnesota	1,692	2,514	3,344	5,432	8,548	8,237	1,300	1,435	1,729	2,529	3,442
Iowa	2,287	3,368	4,048	7,709	10,512	10,197	1,196	1,509	1,828	3,465	4,274
Missouri	2,398	3,244	3,760	5,728	9,982	9,612	895	1,044	1,147	1,717	2,903
North Dakota	337	542	736	2,113	2,467	2,167	1,844	1,699	1,771	3,329	3,692
South Dakota	425	553	680	1,327	2,926	2,744	1,203	1,376	1,530	2,125	4,432
Nebraska	1,276	1,626	2,009	3,721	5,320	5,128	1,205	1,525	1,882	3,040	4,004
Kansas	1,799	1,938	2,253	4,580	6,264	5,995	1,261	1,318	1,468	2,632	3,493
South Atlantic	5,133	6,879	7,937	14,589	29,169	27,262	579	640	716	1,159	2,005
Delaware	176	212	230	305	626	588	1,043	1,146	1,204	1,478	2,728
Maryland	1,085	1,317	1,512	2,236	3,991	3,742	1,041	1,109	1,213	1,694	2,665
District of Columbia	344	929	1,040	1,172	1,697	1,219	1,491	3,332	3,491	3,418	3,879
Virginia	862	1,102	1,288	2,402	4,892	4,542	521	594	666	1,140	2,050
West Virginia	439	660	840	2,423	4,678	4,446	575	688	810	1,897	3,040
North Carolina	584	682	842	1,685	4,543	4,381	361	360	420	740	1,703
South Carolina	401	485	586	1,261	2,405	2,289	343	362	414	811	1,385
Georgia	852	936	1,168	2,163	3,897	3,726	464	422	493	802	1,306
Florida	390	556	431	937	2,440	2,329	995	973	720	1,167	2,353
East South Central	3,137	3,654	4,285	7,411	12,980	12,348	488	484	536	861	1,437
Kentucky	1,172	1,365	1,528	2,277	3,582	3,401	631	636	675	981	1,459
Tennessee	883	957	1,104	1,884	4,228	3,975	502	473	520	848	1,773
Alabama	623	775	965	2,015	3,002	2,891	412	424	494	931	1,244
Mississippi	454	557	688	1,235	2,178	2,081	352	389	416	667	1,216
West South Central	3,264	4,553	5,768	13,209	19,861	18,837	691	697	796	1,422	1,857
Arkansas	455	604	804	1,722	2,600	2,520	403	461	580	1,054	1,430
Louisiana	495	815	1,032	1,990	3,417	3,237	443	590	694	1,158	1,855
Oklahoma	[3] 208	[3] 812	[3] 1,095	[4] 3,118	3,993	3,627	[3] 860	[3] 1,027	[3] 1,092	1,684	1,864
Texas	2,106	2,322	2,837	6,379	9,851	9,453	942	762	841	1,561	2,010
Mountain	2,927	3,244	3,973	6,585	12,206	10,455	2,250	1,925	2,228	2,312	3,435
Montana	453	614	746	1,133	2,223	1,990	3,429	2,523	2,683	2,792	3,691
Idaho	208	276	343	579	1,534	1,258	2,464	1,708	1,795	1,598	3,301
Wyoming	170	281	330	356	976	650	2,796	3,041	3,297	2,253	4,663
Colorado	1,146	938	1,207	2,315	3,230	2,860	2,780	1,738	2,046	2,702	3,285
New Mexico	232	268	332	495	552	737	1,507	1,374	1,557	1,388	2,299
Arizona	189	263	306	457	1,314	1,158	3,168	2,140	2,239	2,052	3,512
Utah	349	413	488	796	1,535	1,361	1,681	1,491	1,609	2,016	3,247
Nevada	180	191	221	454	542	441	3,941	4,508	5,214	5,003	6,998
Pacific	3,885	4,633	6,019	13,777	23,573	21,805	2,078	1,917	2,290	3,002	3,934
Washington	761	782	1,052	3,133	5,122	4,996	2,177	1,509	1,806	2,484	3,609
Oregon	590	633	852	2,057	3,419	3,059	1,882	1,530	1,886	2,816	4,182
California	2,534	3,218	4,115	8,587	15,032	14,050	2,097	2,167	2,582	3,312	4,007

[1] Total differs from estimate as published in 1912 because of revision of estimate for taxed real property in Oklahoma. Includes $402,000,000 value of ships belonging to the United States Navy and $290,000,000 value of privately owned water-supply systems not distributed by States. Items for geographic divisions and States differ from estimate as published in 1912 because of redistribution of railroad values in accordance with the method employed in 1922.

[2] Total includes $1,446,000,000 value of ships belonging to the United States Navy, $361,000,000 privately owned water-supply systems, and $4,278,000,000 gold and silver coin and bullion not distributed by States.

[3] Includes Indian Territory.

[4] Differs from estimate as published in 1912 because of revision of estimate for taxed real property.

Source: Bureau of the Census, Department of Commerce.

No. 295.—NATIONAL INCOME PRODUCED AND PAID OUT

NOTE.—Under the concept of national income employed in this study, the following items have not been included: Imputed income from ownership of durable goods (including owned homes), the imputed value of services of housewives and other members of the family, earnings from odd jobs, direct relief and charity, earnings from illegal pursuits, and changes in value of assets not derived by groups professionally occupied in the handling of assets. Business savings represent the difference between the income produced in a given year and the amount actually distributed to individuals. Negative savings are incurred when the business system pays to individuals more than was produced in a given year.

	Amount (millions of dollars)						Percentages of 1929				
	1929	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Income produced	81,034	67,917	53,584	39,545	41,889	48,561	83.8	66.1	48.8	51.7	59.9
Income paid out	78,632	72,932	61,704	48,362	44,940	50,189	92.8	78.5	61.5	57.2	63.8
Business savings	2,402	−5,015	−8,120	−8,817	−3,051	−1,628					
Cost of living index [1]							97.9	89.5	80.8	76.2	78.7
Wholesale price index [1]							90.7	76.6	68.0	69.2	78.6

[1] Bureau of Labor Statistics.

No. 296.—NATIONAL INCOME PAID OUT, BY TYPES OF PAYMENT

	Amount (millions of dollars)						Percent distribution			
	1929	1930	1931	1932	1933	1934	1929	1932	1933	1934
Income paid out, total	78,632	72,932	61,704	48,362	44,940	50,189	100.0	100.0	100.0	100.0
Labor income, total [1]	51,487	47,198	39,758	30,920	29,420	33,528	65.5	63.9	65.4	66.8
Salaries (selected industries) [2]	5,664	5,548	4,606	3,387	3,048	3,250	7.2	7.0	6.8	6.5
Wages (selected industries) [2]	17,197	14,251	10,608	7,017	7,189	8,944	21.9	14.5	16.0	17.8
Salaries and wages (all other industries)	27,690	26,409	23,461	19,417	17,591	19,046	35.2	40.2	39.1	37.9
Work relief					619	1,389			1.4	2.8
Dividends and interest, total [3]	11,218	11,302	9,764	7,980	6,969	7,212	14.3	16.5	15.5	14.4
Dividends	5,964	5,795	4,312	2,754	2,208	2,549	7.6	5.7	4.9	5.1
Interest	5,104	5,305	5,109	4,975	4,592	4,584	6.5	10.3	10.2	9.1
Withdrawals of entrepreneurs	12,503	11,666	10,086	7,992	7,306	8,052	15.9	16.5	16.3	16.0
Net rents and royalties	3,424	2,766	2,096	1,470	1,245	1,382	4.3	3.1	2.8	2.8

[1] Includes also employees' pensions and compensation for injury.
[2] Includes mining, manufacturing, construction, steam railroads, Pullman, railway express, and water transportation.
[3] Includes also net balance of international flow of property incomes.

No. 297.—NATIONAL INCOME PRODUCED AND INCOME PAID OUT, BY INDUSTRIAL DIVISIONS

[In millions of dollars]

	Income produced						Income paid out					
	1929	1930	1931	1932	1933	1934	1929	1930	1931	1932	1933	1934
Total	81,034	67,917	53,584	39,545	41,889	48,561	78,632	72,932	61,704	48,362	44,940	50,189
Agriculture	7,150	5,555	3,601	2,335	3,300	4,451	6,157	5,495	4,271	3,181	2,976	3,282
Mining	1,894	1,307	701	474	522	842	2,080	1,732	1,213	826	814	1,042
Electric light and power and gas	1,295	1,197	1,125	985	907	924	1,304	1,475	1,408	1,275	1,094	1,085
Manufacturing	19,308	14,072	9,526	5,623	7,797	9,791	18,013	15,940	12,364	8,543	8,514	10,258
Construction	3,225	2,756	1,742	670	595	729	3,257	2,939	1,969	943	786	874
Transportation	7,216	6,206	5,007	3,760	3,746	3,999	6,847	6,327	5,362	4,266	3,909	4,216
Communication	1,023	994	906	744	655	688	914	947	894	801	726	749
Trade	10,955	9,131	7,372	5,253	5,772	6,340	10,852	10,296	9,027	7,074	6,132	6,691
Finance	8,219	7,113	5,702	4,361	3,677	3,859	8,334	7,469	6,428	5,130	4,274	4,454
Government	6,805	7,043	7,189	7,148	7,360	8,381	6,805	7,043	7,189	7,148	7,360	8,381
Service	9,207	8,459	7,198	5,379	4,957	5,802	9,271	8,767	7,673	6,056	5,462	6,160
Miscellaneous	4,728	4,084	3,515	2,813	2,601	2,755	4,798	4,502	3,906	3,114	2,893	3,007

Source of tables 295, 296, and 297: Bureau of Foreign and Domestic Commerce in cooperation with the National Bureau of Economic Research, New York City.

13. BUSINESS FINANCE

[Foreign Exchange Rates—Interest Rates—Insurance—Capital Issues—Stock Exchange Transactions—Commercial Failures]

No. 298.—FOREIGN EXCHANGE RATES ON CABLE TRANSFERS, NEW YORK

Country	Monetary unit	Mint par		Yearly average rate in dollars						
		To Jan. 31, 1934	Since Jan. 31, 1934	1928	1929	1930	1931	1932	1933	1934
North America:		*Dollars*	*Dollars*							
Canada	Dollar	1.0000	1.6931	0.9991	0.9925	0.9984	0.9633	0.8809	0.9196	1.0101
Cuba	Peso	1.0000	1.6931	.9996	.9996	.9995	.9993	.9994	.9995	.9994
Mexico	do.[1]	.4985	.8440	.4811	.4818	.4713	[1].3549	.3185	.2810	.2774
South America:										
Argentina	Peso (gold)	.9648	1.6335	.9648	.9513	.8351	.6674	.5844	[2 3].7280	[2].3358
Brazil	Milreis	.1196	.2025	.1197	.1181	.1071	.0703	.0712	[2].0796	[2].0843
Chile	Peso	.1217	.2060	.1215	.1206	.1208	.1207	.0791	[2].0768	[2].1015
Colombia	do	.9733	1.6479	.9769	.9655	.9649	.9657	.9528	[2].8170	[2].6178
Peru [4]	Sol [5]	[5].2800	.4741	3.9705	3.9998	.3562	.2807	.2133	.1886	.2305
Uruguay	Peso	1.0342	1.7510	1.0266	.9863	.8587	.5536	.4706	[2].6034	[2].7996
Venezuela [4]	Bolivar	.1930	.3268	.1925	.1930	.1890	.1704	.1475	.1862	.2833
Europe:										
Austria	Schilling	.1407	.2382	.1407	.1406	.1409	.1402	.1396	[2].1545	[2].1879
Belgium	Belga	.1390	.2354	.1393	.1391	.1395	.1393	.1391	.1790	.2329
Bulgaria	Lev	[6].0072	.0122	.00721	.00722	.00721	.00716	.00719	.01004	.01285
Czechoslovakia.	Koruna [7]	[7].0296	[8].0418	.02963	.02961	.02964	.02962	.02962	.03823	.04242
Denmark	Krone	.2680	.4537	.2674	.2668	.2677	.2506	.1883	.1907	.2250
Finland	Markka	.0252	.0426	.02517	.02516	.02517	.02388	.01555	.01871	.02228
France	Franc	[9].0392	.0663	.03921	.03916	.03925	.03920	.03928	.05031	.05569
Germany	Reichsmark	.2382	.4033	.2386	.2381	.2385	.2363	.2375	.3052	.3938
Greece	Drachma	[10].0130	.0220	.01304	.01293	.01296	.01293	.00832	.00723	.00940
Hungary	Pengo	.1749	.2961	.1744	.1744	.1749	.1745	.1745	[2].2236	[2].2957
Italy	Lira	.0526	.0891	.05257	.05233	.05237	.05206	.05125	.06709	.08562
Netherlands	Florin	.4020	.6806	.4022	.4016	.4023	.4023	.4029	.5172	.6738
Norway	Krone	.2680	.4537	.2669	.2668	.2676	.2505	.1800	.2143	.2532
Poland	Zloty	.1122	.1899	.1121	.1119	.1121	.1120	.1118	.1441	.1885
Portugal	Escudo	[11].0442	.0748	.04468	.04471	.04494	.04244	.03196	.03917	.04609
Rumania	Leu	[12].0060	.0101	.00613	.00596	.00595	.00595	.00597	.00780	.01001
Spain	Peseta	.1930	.3267	.1659	.1468	.1167	.0955	.0804	.1072	.1362
Sweden	Krona	.2680	.4537	.2680	.2678	.2685	.2525	.1847	.2203	.2598
Switzerland	Franc	.1930	.3267	.1926	.1928	.1938	.1940	.1940	.2484	.3237
United Kingdom.	Pound	4.8665	8.2397	4.8662	4.8569	4.8621	4.5350	3.5061	4.2368	5.0303
Yugoslavia	Dinar	[13].0176	.0298	.01760	.01759	.01768	.01768	.01641	.01761	.02372
Asia:										
Hong Kong	Dollar	[14]	[14]	.5007	.4717	.3385	.2433	.2346	.2945	.3872
China	Yuan [15]	[14]	[14]	.4614	.4190	.2992	.2244	.2174	[15].2860	.3409
India	Rupee	.3650	.6180	.3647	.3620	.3607	.3369	.2635	.3182	.3788
Japan	Yen	.4985	.8440	.4641	.4610	.4939	.4885	.2811	.2565	.2972
Malaya (British).	Straits Settlements dollar.	.5678	.9613	.5628	.5601	.5596	.5245	.4040	.4923	.5901

[1] Quotations prior to 1931 are for the gold peso. Quotation for 1931 is for the silver peso, July 30 to Dec. 31. The average for the gold peso Jan. 2 to July 29, 1931, was 47.65 cents.

[2] Nominal or partly nominal since April 1933.

[3] Average for gold peso Jan. 1 to Dec. 10. Beginning Dec. 13, 1933, paper peso with par value of 42.45 cents was quoted in place of gold peso; average for paper peso Dec. 13 to 31 was 33.3311 cents.

[4] Data for Peru and Venezuela for 1932 to 1934 are selling rates in Lima and Caracas for sight drafts compiled by the Bureau of Foreign and Domestic Commerce.

[5] Quotations for 1928 and 1929 are for the libra, par $4.8665; quotation for 1931 is for the sol Mar. 27 to Dec. 31. Par value of sol established at 40 cents Mar. 1927; sol restablished at 28 cents May 1931.

[6] The lev was stabilized at 0.72 cent Nov. 22, 1928; former par value, 19.3 cents.

[7] Legal stabilization at 2.96 cents effective Nov. 27, 1929. Previous nominal par value, 20.26 cents.

[8] Effective Feb. 17, 1934. Previous par value, 5.02 cents.

[9] Franc reestablished on a gold basis at a new parity of 3.9179 cents June 1928; former parity, 19.3 cents.

[10] In May 1928, the drachma was stabilized at a new parity of 1.30 cents; former parity, 19.3 cents.

[11] Established as legal parity, July 1, 1931; former par value, 108.05 cents.

[12] In February 1929, the leu was stabilized at 0.598 cent. The former par value was 19.3 cents.

[13] Established as legal parity, May 11, 1931; former par value, 19.3 cents.

[14] Par varies with the price of silver.

[15] Quotations prior to 1933 are for the old yuan containing 23.9025 grams of pure silver; quotations beginning 1933 are for the new yuan containing 23.4934 grams of pure silver.

[16] Average quotation for the new yuan, Apr. 10 to Dec. 31 (see note 15). The average for the old yuan from Jan. 1 to Apr. 9 was 20.2103 cents.

Source: Federal Reserve Board, except as noted.

No. 299.—FOREIGN EXCHANGE RATES, NEW YORK, BY MONTHS

NOTE.—For par of exchange of monetary units and yearly average rate see table 298

	Canada (dollar)	Mexico (peso) [1]	Argentina [2] (peso)	Brazil [2] (milreis)	Chile [2] (peso)	Belgium (belga)	France (franc)	Germany (reichsmark)
	Dollars	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*
1932:								
March	.8945	.3368	.5829	.0621	.1206	.1394	.0393	.2378
June	.8674	.2690	.5852	.0750	.0602	.1394	.0394	.2369
September	.9026	.2992	.5859	.0762	.0604	.1386	.0392	.2378
December	.8660	.3199	.5859	.0763	.0603	.1385	.0390	.2379
1933:								
January	.8746	.3016	.5858	.0764	.0603	.1386	.0390	.2377
February	.8351	.2842	.6868	.0763	.0603	.1396	.0392	.2383
March	.8352	.2882	.5830	.0763	.0603	.1398	.0394	.2385
April	.8472	.2702	.6049	.0763	.0603	.1453	.0410	.2439
May	.8759	.2887	.6790	.0764	.0628	.1627	.0459	.2736
June	.8989	.2767	.7106	.0764	.0752	.1705	.0480	.2881
July	.9447	.2800	.8073	.0787	.0838	.1945	.0546	.3326
August	.9428	.2811	.7943	.0803	.0820	.1915	.0537	.3271
September	.9647	.2815	.8609	.0815	.0867	.2070	.0577	.3543
October	.9760	.2817	.8612	.0846	.0887	.2072	.0582	.3543
November	1.0118	.2780	.9204	.0857	.1010	.2232	.0627	.3824
December	1.0055	.2774	[3] .3333	.0860	.0960	.2173	.0612	.3732
1934:								
January	.9952	.2774	.3350	.0856	.0945	.2204	.0621	.3759
February	.9917	.2773	.3355	.0847	.0960	.2289	.0645	.3888
March	.9979	.2772	.3396	.0854	.1013	.2330	.0658	.3966
April	1.0021	.2772	.3435	.0860	.1026	.2344	.0662	.3989
May	1.0019	.2774	.3404	.0860	.1025	.2341	.0661	.3947
June	1.0079	.2775	.3366	.0847	.1022	.2336	.0660	.3939
July	1.0120	.2775	.3361	.0844	.1027	.2336	.0659	.3949
August	1.0238	.2773	.3377	.0849	.1033	.2371	.0666	.3993
September	1.0204	.2775	.3329	.0831	.1030	.2373	.0667	.4028
October	1.0212	.2775	.3295	.0819	.1031	.2346	.0662	.4045
November	1.0247	.2776	.3326	.0822	.1035	.2332	.0659	.4021
December	1.0131	.2776	.3295	.0819	.1024	.2339	.0660	.4019

	United Kingdom (pound)	Italy (lira)	Netherlands (florin)	Spain (peseta)	Sweden (krona)	China (Yuan)	India (rupee)	Japan (yen)	British Malaya (Straits Settlements dollar)
	Dollars	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*
1932:									
March	3.6393	.0518	.4023	.0760	.1985	.2302	.2731	.3216	.4133
June	3.6466	.0512	.4044	.0825	.1870	.2131	.2716	.3029	.4196
September	3.4711	.0513	.4016	.0810	.1781	.2104	.2622	.2363	.4025
December	3.2787	.0511	.4017	.0815	.1791	.1947	.2479	.2073	.3801
1933:									
January	3.3614	.0512	.4018	.0818	.1830	.1979	.2541	.2074	.3899
February	3.4221	.0512	.4027	.0824	.1827	.2011	.2583	.2079	.3958
March	3.4323	.0514	.4036	.0844	.1819	.2073	.2579	.2126	.3961
April	3.5703	.0537	.4196	.0888	.1881	[4] .2220	.2687	.2209	.4124
May	3.9324	.0609	.4595	.0999	.2024	.2452	.2957	.2400	.4566
June	4.1356	.0638	.4901	.1036	.2128	.2613	.3107	.2576	.4796
July	4.6499	.0737	.5618	.1165	.2398	.2927	.3493	.2877	.5405
August	4.5027	.0722	.5538	.1146	.2323	.2807	.3385	.2690	.5236
September	4.6647	.0781	.5988	.1241	.2405	.2968	.3501	.2725	.5429
October	4.6683	.0782	.5995	.1243	.2407	.2985	.3504	.2777	.5457
November	5.1497	.0843	.6456	.1311	.2655	.3290	.3834	.3036	.6006
December	5.1159	.0822	.6285	.1279	.2639	.3345	.3839	.3074	.5970
1934:									
January	5.0493	.0831	.6362	.1300	.2604	.3400	.3797	.3011	.5892
February	5.0326	.0858	.6604	.1330	.2596	.3431	.3786	.2975	.5879
March	5.0939	.0858	.6730	.1362	.2626	.3462	.3833	.3001	.5960
April	5.1534	.0856	.6785	.1370	.2656	.3415	.3876	.3031	.6035
May	5.1063	.0852	.6791	.1371	.2632	.3246	.3833	.3023	.5982
June	5.0484	.0860	.6781	.1368	.2602	.3305	.3791	.2990	.5917
July	5.0407	.0858	.6771	.1367	.2599	.3391	.3788	.2984	.5906
August	5.0651	.0906	.6838	.1380	.2612	.3486	.3806	.2999	.5935
September	4.9941	.0868	.6857	.1383	.2575	.3558	.3755	.2977	.5852
October	4.9408	.0861	.6809	.1373	.2548	.3459	.3714	.2868	.5792
November	4.9890	.0854	.6760	.1365	.2572	.3339	.3749	.2906	.5845
December	4.9458	.0854	.6764	.1367	.2550	.3422	.3718	.2882	.5797

[1] Quotations are for the silver peso.
[2] Nominal since April, 1933.
[3] Average for paper peso (par 42.45 cents) Dec. 13–31; average for gold peso Dec. 1–10 was 75.8904 cents.
[4] Average quotation for Apr. 10–30 on new yuan containing 23.4934 grains of pure silver. Average quotation for Apr. 1–9 of old yuan containing 23.9025 grains of pure silver was 20.5383 cents.

Source: The Federal Reserve Board.

No. 300.—INTEREST AND ACCEPTANCE RATES: CALL MONEY, TIME LOANS, AND ACCEPTANCES, NEW YORK

NOTE.—Rates shown are the range (low and high) for the quarter or month. Prior to 1931, they are based on data for weeks ending Saturday in the case of call money and time loans, and weeks ending various days in the case of acceptances, a week falling in 2 months being included in the month having the greater number of days. Beginning 1931, they are based on daily quotations

Year, quarter, and month	Call money	Time loans		Bankers' acceptances (90 days)
		60 to 90 days [1]	6 months	
1913				
Jan.-Mar.	2 - 6	3¼- 6	4 -6	
Apr.-June	1 - 7	3½- 5	4 -6	
July-Sept.	1½- 4½	2¾- 5	4½-6	
Oct.-Dec.	2½-10	4½- 6	4½-5¼	
1914				
Jan.-Mar.	1½-10	2½- 5	3 -5	
Apr.-June	1½- 2	2 - 3¼	2¾-3¾	
July-Sept.	1½-10	2¼-10	3¼-8	
Oct.-Dec.	2¼- 8	3½-10	3¾-7	
1915				
Jan.-Mar.	1¾- 3	2¼- 4½	3 -4	
Apr.-June	1 - 2½	2¼- 3¼	2¾-3½	
July-Sept.	1½- 2	2½- 3¼	3 -3¾	
Oct.-Dec.	1½- 2½	2¼- 3	3¾-3½	
1916				
Jan.-Mar.	1¾- 3	2½- 3¼	2¾-3½	
Apr.-June	1½- 4	1¾- 4	3 -4	
July-Sept.	2 - 6	2½- 4	3½-5	
Oct.-Dec.	1¾-15	2¾- 4¾	3¼-4½	
1917				
Jan.-Mar.	1½- 3¼	2½- 4½	2¾-5	
Apr.-June	2 - 6	2¾- 6	4 -6	
July-Sept.	1½-10	3¾- 6	4¼-6	
Oct.-Dec.	2 - 6	5 - 6	5 -6	3¼-3⅝
1918				
Jan.-Mar.	2 - 6	5¼- 6	5½-6	3⅞-4⅜
Apr.-June	2 - 6	5¼- 6	5¾-6	4¼-4⅜
July-Sept.	3½- 6	5¼- 6	5¾-6	4¼-4¾
Oct.-Dec.	3½- 6	5 - 6	5¼-6	4¼-4⅜
1919				
Jan.-Mar.	2¾- 7	5 - 5¾	5¼-5¾	4¼-4⅝
Apr.-June	3¼-15	5¼- 6	5 -6	4¼-4⅞
July-Sept.	3 -20	5¾- 8	5¾-8	4¼-5⅜
Oct.-Dec.	2 -30	5¾- 8	5¾-8	4¼-5⅛
1920				
Jan.-Mar.	3 -25	7 -10	7 -9	5 -6⅞
Apr.-June	6 -15	8 - 9	7½-9	5⅞-6½
July-Sept.	5 -20	8 - 9	8 -9	6¼-6½
Oct.-Dec.	5 -10	7 - 8¼	7¼-8½	3⅜-6⅜
1921				
Jan.-Mar.	6 - 9	6 - 7½	6 -8	5¾-6⅛
Apr.-June	5 - 8	6 - 7	6 -7¼	5¼-6
July-Sept.	3½- 6½	5 - 6¼	5½-6¼	4¾-5½
Oct.-Dec.	4 - 6	4¾- 5½	4¾-5¾	4⅛-4¾
1922				
Jan.-Mar.	3 - 6	4½- 5	4½-5¼	3½-4⅛
Apr.-June	2¾- 5½	3½- 4½	3¼-4¾	3 -3⅝
July-Sept.	3 - 6	3¾- 4¾	3¾-5	3 -3⅝
Oct.-Dec.	3½- 6	4¾- 5	4¾-5	3½-4¼
1923				
Jan.-Mar.	3½- 6	4½- 5½	4½-5½	4 -4⅛
Apr.-June	4 - 6	4¾- 5¾	5 -5¾	4 -4⅜
July-Sept.	3½- 6	5 - 5¾	5 -5¾	4⅛-4¼
Oct.-Dec.	4 - 6	5 - 5½	5 -5½	4⅛-4¼
1924				
Jan.-Mar.	2½- 5¾	4 -5	4½-5	3⅞-4¼
Apr.-June	2 - 5½	2¾-4¾	3¼-4¾	2 -4⅛
July-Sept.	2 - 3	2 -3¼	3 -3½	2 -2⅜
Oct.-Dec.	2 - 5	2¼-3¼	3 -4	2⅛-3⅛
1925				
Jan.-Mar.	2 - 5	3¼-4¼	3¾-4½	3 -3⅜
Apr.-June	3½- 5	3¾-4¼	3¾-4½	3⅛-3⅜
July-Sept.	3½- 6	3¾-4½	4 -4¾	3¼-3⅝
Oct.-Dec.	4 - 6	3½-5	3¾-5	3½-3⅝
1926				
Jan.-Mar.	4 - 6	4½-5	4½-5	3½-3⅞
Apr.-June	3 - 5½	4 -4⅝	4 -4⅝	3⅝-3¾
July-Sept.	4 - 6	4¼-5¼	4¼-5¼	3⅜-4
Oct.-Dec.	4 - 6	4½-5¼	4⅝-5¼	3¾-4
1927				
Jan.-Mar.	3½ -5	4⅜-4⅝	4⅜-4⅝	3⅝-3⅞
Apr.-June	4 -5	4¼-4⅝	4⅜-4⅝	3⅝-3⅞
July-Sept.	3½ -4½	3¾-4⅝	4⅛-4⅝	3⅝-3⅞
Oct.-Dec.	3½ -5½	4 -4¼	4 -4½	3¼-3⅝
1928				
Jan.-Mar.	4 - 5½	4⅛-4¾	4⅛-4¾	3¼-3¾
Apr.-June	4¼- 8	4¾-6	4¾-6	3¾-4¼
July-Sept.	4½-10	5¾-7½	5¾-7½	4⅛-4¾
Oct.-Dec.	6 -12	6¾-7¾	6½-7¾	4½-4¾
1929				
Jan.-Mar.	6 -20	7½-8½	7½-8	4½-5¾
Apr.-June	6 -16	7½-9½	7½-9	5⅝-5⅞
July-Sept.	6 -15	7½-9¼	7½-9¼	5⅛-5¼
Oct.-Dec.	4½-10	4½-9¼	4½-9¼	3⅞-5¼
1930				
Jan.-Mar.	2 - 6	3½-5	3¾-5	2½-4⅛
Apr.-June	2 - 4	2¾-4¼	2¾-4½	1⅞-3⅛
July-Sept.	2 - 3	2 -3	2½-3½	1⅞-2
Oct.-Dec.	1½- 2½	2 -2½	2¼-3	1⅞-2
1931				
January	1½- 4	1¼-2½	1¾-3	1⅜-2
February	1½	1½-2¼	1¾-2½	1¼-1⅝
March	1 - 2	1½-2½	2 -2¾	1½-1⅝
April	1½- 2½	1½-2¼	2 -2½	1¼-1⅝
May	1 - 1½	1 -2¼	1¼-2½	⅞-1⅜
June	1½	1 -1¾	1¼-2	⅞-1
July	1½	1¼-1¾	1½-2	⅞-1
August	1½	1¼-1¾	1½-2	⅞-1
September	1½	1¼-2½	1½-2½	⅞-1⅜
October	1½- 2½	2 -4½	2 -4½	1¼-3½
November	2½	3 -4	3 -4	2⅛-3½
December	2½- 3½	3 -4	3 -4	3 -3⅛
1932				
January	2½- 3½	3 -4	3 -4	2¾-3⅛
February	2½	3½-3¾	3½-3¾	2⅜-2⅞
March	2½	2¾-3¾	2¾-3¾	2⅜-2¾
April	2½	1¾-3	2 -3	⅞-2¼
May	2½	1½-2	1½-2¼	⅞-1¼
June	2½	1½	1½	¾-1
July	2 - 2½	1 -1½	1 -1½	¾- ⅞
August	2	1¼-1½	1¼-1½	¾- ⅞
September	2	1 -1½	1¼-1½	¾- ⅞
October	1 - 2	½-1	¾-1¼	½- ⅞
November	1	½- ¾	¾-1	½- ⅝
December	1	½	½-1	⅜- ½

[1] For the week ended Jan. 14, 1918, to the week ended May 12, 1919, time loans were for 30 to 90 days, and from the latter date to the week ended Oct. 13, 1919, time on loans not specified.

[2] Beginning August 1920, 4 to 6 months.

Source: Call money and time loans, 1913, from the financial editors, New York Times; thereafter, The Annalist; acceptance rates, Acceptance Bulletin of the American Acceptance Council.

No. 801.—INTEREST AND ACCEPTANCE RATES: CALL MONEY, TIME LOANS AND ACCEPTANCES, NEW YORK, WEEKLY RANGE

NOTE.—Rates shown are the range, low and high, for weeks ending on date shown in the stub

Year and week	Call money	Time loans		Year and week	Bankers' acceptances (90 days)
		60 to 90 days	4 to 6 months		
1933				1933	
Jan. 7	1	½	½- ¾	Jan. 3	⅜- ½
Jan. 14	1	½	½- ¾	Jan. 9	⅜- ½
Jan. 21	1	½	½- ¾	Jan. 16	⅜- ½
Jan. 28	1	½	½- ¾	Jan. 23	¼- ⅜
				Jan. 30	¼- ⅜
Feb. 4	1	½	½- ¾	Feb. 6	¼- ⅜
Feb. 11	1	½	½- ¾	Feb. 14	⅜- ½
Feb. 18[1]	1	½	½- ¾	Feb. 20	⅜- ¾
Feb. 25[1]	1	1-1¼	¾-1½	Feb. 27	1⅛-1¼
Mar. 4[1]	1 -4	2½-4	2½-4	Mar. 6[3]	1½-3½
Mar. 11	[3]	[3]	[3]	Mar. 13[4]	3⅜-3¾
Mar. 18	3 -5	3½-5	3½-[3] 5	Mar. 20	2 -2⅛
Mar. 25	3 -3½	2½-3	2½-3	Mar. 27	2 -2⅛
Apr. 1	3	2 -2½	2 -3	Apr. 3	2 -2⅛
Apr. 8	1½-2	1 -2	1 -2½	Apr. 10	1¼-1⅜
Apr. 15	1 -1½	¾-1	1 -1¼	Apr. 17	⅛- ⅝
Apr. 22	1	¾-1½	1 -1½	Apr. 24	⅝- ¾
Apr. 29	1	1 -1½	1 -1½		
May 6	1	¾-1¼	1 -1½	May 1	⅛- ⅝
May 13	1	¾-1¼	1 -1½	May 8	⅛- ⅝
May 20	1	¾-1¼	1 -1½	May 15	⅛- ⅝
May 27	1	¾-1	¾-1½	May 22	⅛- ⅝
				May 29	⅛- ⅝
June 3	1	¾-1	¾-1½	June 5	⅜- ½
June 10	1	¾-1	¾-1½	June 12	⅜- ½
June 17	1	1 -1¼	1¼-1½	June 19	⅜- ½
June 24	1	¾-1¼	1 -1½	June 26	⅜- ½
July 1	1	¾-1	1 -1¼	July 3	⅜- ½
July 8	1	½-1¼	¾-1½	July 10	⅛- ⅝
July 15	1	¾-1¼	1 -1¼	July 17	⅛- ⅝
July 22	1	1 -1¼	1¼-2	July 24	⅛- ⅝
July 29	1	1 -1½	1¼-2	July 31	⅛- ⅝
Aug. 5	1	1 -1½	1¼-2	Aug. 7	⅛- ⅝
Aug. 12	1	1 -1½	1 -2	Aug. 14	⅛- ⅝
Aug. 19	1	1 -1¼	1 -1½	Aug. 21	⅛- ⅝
Aug. 26	1	¾-1	¾-1½	Aug. 28	⅜- ½
Sept. 2	¾-1	½-1	¾-1¼	Sept. 5	¼- ⅜
Sept. 9	¾	½- ¾	½-1¼	Sept. 11	¼- ⅜
Sept. 16	¾	½- ¾	½-1	Sept. 18	¼- ⅜
Sept. 23	¾	½- ¾	⅝-1	Sept. 25	¼- ⅜
Sept. 30	¾	½- ¾	⅝-1		
Oct. 7	¾	½- ¾	⅝-1	Oct. 2	¼- ⅜
Oct. 14	¾	½- ¾	⅝- ¾	Oct. 9	¼- ⅜
Oct. 21	¾	½- ¾	⅝- ¾	Oct. 16	¼- ⅜
Oct. 28	¾	½- ¾	⅝- ¾	Oct. 23	¼- ⅜
				Oct. 30	¼- ⅜
Nov. 4	¾	½- ¾	⅝- ¾	Nov. 6	¼- ⅜
Nov. 11	¾	½-1	⅝-1	Nov. 13	⅜- ½
Nov. 18	¾	¾-1	¾-1	Nov. 20	⅜- ½
Nov. 25	¾	¾-1	¾-1¼	Nov. 27	½- ⅝
Dec. 2	¾	¾-1	¾-1¼	Dec. 4	⅝- ¾
Dec. 9	¾-1	¾-1¼	¾-1¼	Dec. 11	⅝- ¾
Dec. 16	1	¾-1¼	1¼-1½	Dec. 18	⅝- ¾
Dec. 23	1	1 -1¼	1¼-1½	Dec. 26	⅝- ¾
Dec. 30	1	¾-1¼	1¼-1½		

Year and week	Call money	Time loans		Year and week	Bankers'-acceptances (90 days)
		60 to 90 days	4 to 6 months		
1934				1934	
Jan. 6	1	¾-1¼	1 -1½	Jan. 2	⅛- ⅜
Jan. 13	1	¾-1¼	1 -1½	Jan. 8	⅛- ⅜
Jan. 20	1	¾-1¼	1 -1½	Jan. 15	⅛- ⅜
Jan. 27	1	¾-1¼	1 -1½	Jan. 22	⅛- ⅜
				Jan. 29	⅛- ⅜
Feb. 3	1	¾-1¼	1 -1½	Feb. 5	⅛- ⅜
Feb. 10	1	¾-1	1 -1½	Feb. 13	⅛- ⅜
Feb. 17	1	¾-1¼	1 -1½	Feb. 19	⅛- ⅜
Feb. 24	1	¾-1	¾-1½	Feb. 26	⅛- ⅜
Mar. 3	1	¾-1	¾-1½	Mar. 5	⅛- ⅜
Mar. 10	1	¾-1	¾-1	Mar. 12	¼- ⅜
Mar. 17	1	¾-1	¾-1	Mar. 19	¼- ⅜
Mar. 24	1	¾-1	¾-1	Mar. 26	¼- ⅜
Mar. 31	1	¾-1	¾-1		
Apr. 7	1	¾-1	¾-1	Apr. 2	¼- ⅜
Apr. 14	1	¾-1	¾-1	Apr. 9	¼- ⅜
Apr. 21	1	¾-1	¾-1	Apr. 16	¼- ⅜
Apr. 28	1	¾-1	¾-1	Apr. 23	5/16-¼
				Apr. 30	5/16-¼
May 5	1	¾-1	¾-1	May 7	5/16-¼
May 12	1	¾-1	¾-1	May 14	5/16-¼
May 19	1	¾-1	¾-1	May 21	5/16-¼
May 26	1	¾-1	¾-1	May 28	5/16-¼
June 2	1	¾-1	¾-1	June 4	5/16-¼
June 9	1	¾-1	¾-1	June 11	5/16-¼
June 16	1	¾-1	¾-1	June 18	5/16-¼
June 23	1	¾-1	¾-1	June 25	5/16-¼
June 30	1	¾-1	¾-1		
July 7	1	¾-1	¾-1	July 2	5/16-¼
July 14	1	¾-1	¾-1	July 9	5/16-¼
July 21	1	¾-1	¾-1	July 16	5/16-¼
July 28	1	¾-1	¾-1	July 23	5/16-¼
				July 30	5/16-¼
Aug. 4	1	¾-1	¾-1	Aug. 6	5/16-¼
Aug. 11	1	¾-1	¾-1	Aug. 13	5/16-¼
Aug. 18	1	¾-1	¾-1	Aug. 20	5/16-¼
Aug. 25	1	¾-1	¾-1	Aug. 27	5/16-¼
Sept. 1	1	¾-1	¾-1	Sept. 3	5/16-¼
Sept. 8	1	¾-1	¾-1	Sept. 10	5/16-¼
Sept. 15	1	¾-1	¾-1	Sept. 17	5/16-¼
Sept. 22	1	¾-1	¾-1	Sept. 24	5/16-¼
Sept. 29	1	¾-1	¾-1		
Oct. 6	1	¾-1	¾-1	Oct. 1	5/16-¼
Oct. 13	1	¾-1	¾-1	Oct. 8	5/16-¼
Oct. 20	1	¾-1	¾-1	Oct. 15	5/16-¼
Oct. 27	1	¾-1	¾-1	Oct. 22	5/16-¼
				Oct. 29	⅛-3/16
Nov. 3	1	¾-1	¾-1	Nov. 5	⅛-3/16
Nov. 10	1	¾-1	¾-1	Nov. 13	⅛-3/16
Nov. 17	1	¾-1	¾-1	Nov. 19	⅛-3/16
Nov. 24	1	¾-1	¾-1	Nov. 26	⅛-3/16
Dec. 1	1	¾-1	¾-1	Dec. 3	⅛-3/16
Dec. 8	1	¾-1	¾-1	Dec. 10	⅛-3/16
Dec. 15	1	¾-1	¾-1	Dec. 17	⅛-3/16
Dec. 22	1	¾-1	¾-1	Dec. 24	⅛-3/16
Dec. 29	1	¾-1	¾-1	Dec. 31	⅛-3/16

[1] Time loan rates are nominal.
[2] Rates are for Feb. 28 to Mar. 3.
[3] No quotation owing to national bank holiday.
[4] Rates for Mar. 13 only.
[5] Offerings; no bid.

Sources: Call and time rates from the Annalist, acceptance rates from Acceptance Bulletin of the American Acceptance Council.

No. 302.—FIRE AND MARINE INSURANCE BUSINESS: CONTINENTAL UNITED STATES AND OUTLYING TERRITORIES AND POSSESSIONS

NOTE.—Data cover transactions of both United States and foreign companies

[All figures except number of companies in thousands of dollars]

Calendar year	Stock and mutual companies								
	Number of companies	Capital (stock companies)	Total assets [1]	Net surplus	Net premiums	Total income	Losses	Dividends	Expenses
1890	580	86,732	322,678	108,734	143,346	157,858	75,335	12,946	49,819
1895	555	70,226	347,564	118,228	161,447	175,750	89,213	14,666	54,203
1900	493	73,151	413,027	162,658	182,131	198,313	108,307	16,029	65,861
1905	500	76,128	544,182	211,545	270,387	292,995	124,925	22,877	93,310
1910	593	94,734	572,899	206,212	208,903	201,534	123,692	34,857	94,389
1915	613	107,675	873,945	321,014	419,361	459,361	221,701	26,509	157,730
1917	636	126,880	1,077,952	399,574	614,647	681,922	293,842	42,477	203,818
1918	630	131,221	1,189,795	378,216	716,980	772,740	335,921	43,506	249,261
1919	781	163,103	1,391,096	453,920	810,881	884,166	335,570	52,474	295,405
1920	789	176,906	1,569,141	464,565	995,295	1,073,625	451,470	63,815	371,479
1921	802	184,584	1,592,351	501,337	832,906	915,921	514,755	64,959	343,209
1922	754	206,367	1,627,345	550,057	851,257	939,568	477,116	73,924	337,590
1923	763	211,165	1,782,383	561,658	878,907	1,002,175	504,795	78,487	380,106
1924	801	232,408	1,913,477	629,262	970,806	1,070,748	524,302	76,652	390,128
1925	854	269,283	2,092,499	700,462	1,050,676	1,188,087	559,931	81,430	419,427
1926	860	278,498	2,248,197	733,954	1,110,895	1,228,399	581,234	92,897	447,935
1927	870	315,689	2,503,063	908,495	1,108,434	1,259,386	544,254	99,230	448,983
1928	886	385,931	2,867,832	1,124,478	1,131,956	1,371,928	531,536	107,393	469,429
1929	931	441,445	3,084,057	1,235,047	1,179,632	1,438,222	541,801	118,648	506,242
1930	904	448,151	2,834,708	1,077,819	1,071,537	1,217,705	583,461	127,077	493,342
1931	903	418,375	2,640,863	802,323	929,252	1,088,413	529,076	119,991	436,489
1932	[2] 683	338,610	2,484,357	738,466	795,940	1,004,089	446,989	104,356	499,446
1933	[2] 672	331,831	2,229,590	805,494	734,467	831,982	328,510	93,720	450,992

Calendar year	Lloyd's and interinsurance companies					Total			
	Number of associations	Net premiums	Total income	Losses	Total disbursements	Net premiums	Total income	Losses	Total disbursements
1905	37	3,029	3,338	1,371	2,508	273,417	296,333	126,296	243,620
1910	31	3,831	4,111	1,644	3,744	267,134	295,645	125,336	256,681
1915	45	12,003	12,634	4,470	9,609	431,365	471,996	226,171	415,549
1917	56	13,642	14,003	5,868	11,326	628,289	695,924	299,710	551,464
1918	95	[3] 20,874	[4] 21,036	[5] 10,470	[5] 18,174	737,854	794,376	346,391	646,863
1919	[6] 105	23,067	24,146	8,739	18,909	833,948	908,312	344,308	702,357
1920	[6] 137	24,946	29,164	10,403	20,481	1,020,242	1,102,789	461,873	907,245
1921	[6] 121	28,864	32,777	13,921	29,073	861,770	948,690	528,675	951,997
1922	[6] 125	30,056	32,537	13,282	29,070	881,313	972,106	490,398	917,700
1923	[6] 116	35,715	37,831	14,809	33,210	914,622	1,040,007	519,603	996,598
1924	[6] 140	40,706	50,768	21,858	44,037	1,017,512	1,121,517	546,159	1,035,119
1925	[6] 134	43,370	45,120	21,110	42,474	1,094,046	1,233,207	581,041	1,103,262
1926	[6] 121	45,366	49,085	22,274	43,141	1,156,261	1,277,485	603,507	1,165,206
1927	[6] 111	46,489	50,085	22,385	44,233	1,154,922	1,309,471	566,630	1,136,700
1928	[6] 110	51,218	58,262	22,783	47,905	1,183,174	1,430,189	554,318	1,156,264
1929	104	47,798	55,194	22,127	46,736	1,227,429	1,493,416	563,928	1,213,428
1930	[6] 92	43,863	48,938	21,529	46,594	1,115,400	1,266,643	604,990	1,250,474
1931	[6] 78	36,351	39,528	19,480	41,517	965,604	1,127,941	548,556	1,127,073
1932	[2] 58	28,586	31,627	15,286	36,381	824,526	1,035,715	462,275	1,087,172
1933	[2] 49	25,421	28,311	11,962	28,899	759,887	860,293	340,472	902,122

[1] Exclusive of premium notes.
[2] Number of companies reporting.
[3] Premiums of 84 associations.
[4] Income of 88 associations.
[5] Losses paid and total disbursements of 89 associations.
[6] Figures for 1919 cover the business of 95 associations; 1920, 101; 1921, 108; 1922, 105; 1923, 108; 1924, 133; 1925, 110; 1926, 115; 1927, 106; 1928, 108; 1930, 90; and 1931, 70.

Source: Insurance Yearbook of the Spectator Co., New York City.

No. 303.—FIRE AND LIGHTNING INSURANCE: Business Transacted by Members of the National Board of Fire Underwriters, Continental United States and Outlying Territories and Possessions

[All money figures, except average annual rate of premium, in millions and tenths of millions of dollars]

	1920	1925	1930	1931	1932	1933	1934
Number of companies, total	169	210	239	221	212	210	200
United States companies	124	165	199	182	174	172	163
Foreign companies	45	45	40	39	38	38	37
Net premiums written	533.9	644.3	584.0	508.2	450.5	405.2	384.4
Net premiums earned	450.9	599.0	614.7	563.6	508.0	457.0	395.6
Net losses paid	226.0	351.1	329.4	303.3	272.1	185.7	174.0
Net losses incurred	246.1	354.1	329.7	298.3	273.0	178.8	158.7
Net expenses	219.5	281.2	304.0	264.4	237.6	214.4	184.3
Taxes	27.6	20.1	29.7	21.4	18.4	15.8	16.0
Percent of—							
Net losses incurred to net premiums earned	54.6	59.1	53.6	52.9	53.7	39.1	40.1
Net losses incurred to net premiums written	46.1	55.0	56.4	58.7	60.6	44.1	41.3
Net expenses to net premiums earned	48.7	46.9	49.4	46.9	46.8	46.9	47.8
Net expenses to net premiums written	41.1	43.6	52.0	52.0	52.7	52.1	47.9
Taxes to net premiums written	5.2	3.1	5.1	4.2	4.1	3.9	4.1

No. 304.—FIRE LOSSES: Total and Per Capita, Continental United States

NOTE.—**Amounts, except per capita, in thousands of dollars.** 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

Year	Loss	Year	Loss	Year	Loss	Year	Loss
1876–1880	69,912	1897	116,355	1910	214,003	1923	535,373
1881–1885	95,753	1898	130,594	1911	217,005	1924	549,062
1886	104,925	1899	153,598	1912	206,439	1925	559,418
1887	120,283	1900	160,930	1913	203,764	1926	561,981
1888	110,886	1901	165,818	1914	221,439	1927	472,934
1889	123,047	1902	161,078	1915	172,033	1928	464,607
1890	108,994	1903	145,302	1916	[1] 258,378	1929	459,446
1891	143,765	1904	229,198	1917	289,535	1930	501,981
1892	151,516	1905	165,222	1918	353,879	1931	451,644
1893	167,544	1906	518,612	1919	320,540	1932	400,859
1894	140,006	1907	215,085	1920	447,887	1933	271,453
1895	142,110	1908	217,886	1921	495,406	1934	262,848
1896	118,737	1909	188,705	1922	506,541		

Year	Cities reporting actual loss				Total United States		
	Number of cities	Population (thousands)	Actual reported loss, total	Loss per capita	Population (thousands)[2]	Estimated loss	Loss per capita [2]
1925	370	45,297	160,012	3.53	114,867	559,418	4.87
1926	377	53,244	178,179	3.35	116,532	561,981	4.82
1927	406	51,292	144,619	2.82	118,197	472,934	4.00
1928	445	51,836	140,038	2.70	119,862	464,607	3.88
1929	473	53,411	145,059	2.72	121,526	459,446	3.78
1930	454	50,206	150,981	3.01	123,191	501,980	4.07
1931	454	51,084	125,034	2.47	124,070	451,643	3.64
1932	458	51,295	113,947	2.22	124,822	400,859	3.21
1933	461	51,553	77,686	1.51	125,693	271,453	2.16
1934	468	51,179	82,770	1.59	126,425	262,848	2.08

[1] See headnote.

[2] Population figures are estimates by the Bureau of the Census. Per capita loss is based on these estimates.

Sources: Table 303 prior to 1931, Insurance Yearbook of the Spectator Co.; table 303 beginning 1931 and table 304, National Board of Fire Underwriters, except as noted.

No. 305.—LIFE INSURANCE: Summary of Financial Condition and Policy Account of All Companies of the United States

Note.—Figures include domestic and foreign business of United States companies but do not include operations of the Veterans' Bureau. (See pp. 152 and 153)

[All figures, except number of policies, in millions of dollars]

Year	Assets (admitted) Dec. 31	Liabilities,[1] Dec. 31	Total income	Premium income	Payments to policyholders	Insurance written and paid for during year		Policies in force Dec. 31				
								Number (thousands)		Amount		
						Ordinary[2]	Industrial	Ordinary[2]	Industrial	Total	Ordinary[2]	Industrial
1850								20		69	69	
1860								60		180	180	
1870								839		2,263	2,263	
1880	453		81		56			686	237	1,602	1,582	21
1890	771	679	197	158	90	742	242	1,320	3,883	4,050	3,621	429
1900	1,742	1,493	401	325	169	1,280	566	3,176	11,219	8,561	7,093	1,468
1905	2,706	2,373	642	516	265	1,726	661	5,621	16,873	13,364	11,054	2,310
1907	3,053	2,736	679	533	310	1,345	576	5,943	18,844	14,063	11,486	2,577
1908	3,380	2,939	704	546	336	1,469	594	6,165	19,688	14,519	11,850	2,669
1909	3,644	3,170	748	565	361	1,656	793	6,535	21,552	15,420	12,452	2,968
1910	3,876	3,386	781	593	387	1,822	735	6,964	23,034	16,404	13,227	3,177
1911	4,164	3,646	836	632	414	2,079	773	7,669	24,713	18,003	14,578	3,424
1912	4,409	3,880	893	673	449	2,240	842	8,159	26,696	19,265	15,556	3,709
1913	4,659	4,136	946	715	470	2,550	850	8,775	29,432	20,564	16,587	3,977
1914	4,935	4,365	985	746	509	2,457	858	9,045	31,159	21,589	17,426	4,164
1915	5,190	4,988	1,043	784	545	2,621	974	9,890	33,142	22,784	18,349	4,435
1916	5,537	5,253	1,118	848	566	3,213	999	10,698	35,675	24,679	19,868	4,811
1917	5,941	5,634	1,249	929	590	3,840	1,051	11,582	38,764	27,189	21,966	5,223
1918	6,475	6,202	1,325	994	710	3,988	1,143	12,768	41,852	29,870	24,167	5,703
1919	6,759	6,432	1,560	1,207	739	7,010	1,305	15,716	51,295	35,880	29,273	6,607
1920	7,320	6,989	1,764	1,385	745	8,490	1,615	16,695	49,805	42,281	35,092	7,190
1921	7,936	7,548	1,951	1,537	838	6,787	1,943	17,685	54,097	45,983	37,977	8,006
1922	8,652	8,124	2,149	1,686	973	7,506	2,268	18,814	58,283	50,291	41,404	8,887
1923	9,455	8,902	2,427	1,900	1,088	9,455	2,615	20,534	63,461	56,804	46,696	10,107
1924	10,394	9,790	2,703	2,122	1,174	10,152	3,043	22,092	68,248	63,780	52,436	11,344
1925	11,538	10,867	3,018	2,384	1,243	11,817	3,656	23,894	73,736	71,690	58,866	12,824
1926	12,940	12,177	3,330	2,624	1,373	12,413	4,048	25,501	77,965	79,644	65,457	14,187
1927	14,392	13,539	3,673	2,874	1,500	12,671	4,465	27,146	82,246	87,022	71,474	15,548
1928	15,961	15,043	4,088	3,146	1,699	14,168	4,505	29,151	85,844	95,206	78,521	16,686
1929	17,482	16,507	4,337	3,350	1,962	14,529	4,738	31,339	89,415	103,146	85,244	17,902
1930	18,880	17,862	4,594	3,524	2,247	14,160	4,860	32,776	89,436	107,948	89,661	18,287
1931	20,160	19,116	4,850	3,661	2,607	12,379	4,847	33,531	88,228	108,886	90,611	18,274
1932	20,754	19,774	4,653	3,504	3,087	9,721	4,793	32,818	82,945	103,154	85,889	17,265
1933	20,896	19,885	4,622	3,322	3,016	9,114	4,673	31,952	81,517	97,985	80,831	17,154
1934	21,844	20,813	4,786	3,521	2,705	9,395	4,885	32,643	82,579	98,642	80,892	17,651

[1] Not including unapportioned surplus and capital and prior to 1915 also apportioned surplus. For amount of latter item in recent years see table 306.
[2] Includes group business.

Source: Prior to 1890 Frederick L. Hoffman, insurance statistician, Newark, N. J.; 1890 and subsequent years, the Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 306.—LIFE INSURANCE: Financial Condition and Business of All Companies of the United States

Note.—All money figures in thousands of dollars. See headnote, table 305. See also table 305 for 1934 data for principal items

	1900	1910	1920	1925	1930	1932	1933
Number of companies	76	214	272	308	352	328	318
Capital stock, Dec. 31	12,832	40,545	66,905	105,707	176,943	161,920	149,353
Income, total	400,603	781,011	1,764,213	3,017,804	4,593,973	4,653,396	4,622,292
Premium income, total	324,724	593,368	1,384,939	2,383,913	3,524,327	3,504,256	3,321,798
New premiums[1]	62,276	70,180	274,478	340,566	385,067	290,105	240,077
Renewals[1]	256,142	517,536	1,099,740	1,999,480	3,031,537	3,024,094	2,816,384
Annuities	6,306	5,672	10,721	43,867	107,723	190,057	265,337
Interest and other income, total	75,879	187,623	379,274	633,887	1,069,648	1,149,140	1,300,494
Interest, dividends, etc	64,949	160,514	324,370	527,577	853,188	885,189	824,436
Rents	8,225	10,310	16,312	23,125	37,202	45,764	62,902
Other	2,706	16,799	38,592	83,185	179,166	218,186	413,156

[1] Includes disability and double indemnity receipts and payments.

No. 306.—Life Insurance: Financial Condition and Business of All Companies of the United States—Continued

	1900	1910	1920	1925	1930	1932	1933
Expenditures, total	267,580	540,342	1,198,366	1,936,422	3,198,537	3,997,698	3,917,431
Paid to policyholders	168,688	387,302	744,649	1,242,974	2,246,776	3,087,014	3,016,434
Death losses	100,721	180,654	349,964	493,391	855,745	905,267	877,065
Matured endowments	18,335	46,349	101,181	114,473	112,027	122,601	121,054
Annuities [1]	4,122	7,426	16,897	38,531	111,124	150,338	162,259
Surrendered policies, etc.	22,550	77,518	119,061	248,625	614,223	1,346,113	1,356,613
Dividends	22,860	75,354	157,547	347,954	553,658	562,694	499,443
Other expenditures	98,892	153,040	453,717	693,448	951,761	910,685	900,997
To agents, commissions, salaries, traveling expenses	61,282	87,629	257,822	390,499	497,549	398,817	358,520
Medical fees, salaries, other employee costs	13,034	26,037	61,566	99,233	134,253	136,253	126,991
Dividends to stockholders	1,028	2,140	5,308	14,500	21,917	13,971	9,073
Other	23,548	37,235	129,021	189,216	298,042	361,644	406,414
Admitted assets, Dec. 31, total	1,742,414	3,875,877	7,319,997	11,537,615	18,879,611	20,754,112	20,895,726
Real estate	158,119	172,961	172,011	265,938	547,562	933,948	1,264,389
Real estate mortgages	501,499	1,227,232	2,174,863	4,799,216	7,577,944	7,316,093	6,681,552
Stocks owned	794,632	129,622	51,356	81,462	465,951	523,564	439,935
Bonds owned	7,191	1,569,845	3,588,728	4,331,288	6,352,333	6,766,925	7,117,321
Collateral loans	64,489	18,941	41,301	20,416	31,008	23,649	19,503
Premium notes and loans	88,501	495,100	858,915	1,445,507	2,807,012	3,805,752	3,769,356
Net deferred and unpaid premiums	33,269	50,956	130,923	251,848	439,894	461,634	449,300
Cash in office and bank	75,440	71,113	124,747	124,252	152,216	323,852	451,425
Other	19,276	50,107	177,152	217,687	505,600	598,645	702,845
Asset items not admitted	12,249	25,186	77,424	119,178	[2] 73,453	[2] 147,561	[2] 301,856
Liabilities, Dec. 31, total	1,493,379	3,665,435	6,989,309	10,867,475	17,862,142	19,773,947	19,885,328
Reserve	1,443,452	3,225,966	6,337,970	9,926,515	16,231,489	17,839,178	18,076,516
Losses and claims unpaid	9,663	17,072	43,116	64,268	134,954	157,346	162,445
Claims resisted	999	1,779	2,475	5,413	11,446	21,431	25,092
Dividends unpaid and left to accumulate	3,698	5,533	53,048	134,272	303,345	322,717	336,930
Surplus apportioned [3]	(4)	354,071	412,339	563,798	807,862	963,797	816,152
Other	35,466	61,014	140,361	173,213	373,046	469,478	468,193
Surplus (including capital)	[3] 249,035	210,440	330,688	670,140	1,017,470	980,058	1,010,354
Total surplus funds	249,035	564,511	743,027	1,233,933	1,825,333	1,943,855	1,826,505
POLICY ACCOUNT—AMOUNTS							
New business written and paid for, total	1,846,267	2,557,053	10,105,445	15,472,999	19,019,790	14,514,284	13,786,857
Ordinary [5]	1,280,265	1,822,260	8,489,971	10,563,128	12,604,029	8,911,083	8,292,525
Group				1,253,619	1,555,683	810,373	821,434
Industrial	566,002	734,793	1,615,474	3,656,253	4,860,078	4,792,828	4,672,898
In force Dec. 31, total	8,561,249	16,404,261	42,281,391	71,689,749	107,843,278	103,154,370	97,985,044
Ordinary, total [5]	7,093,220	13,227,213	35,091,538	54,566,797	79,774,841	76,780,238	71,918,829
Whole life	4,790,345	8,811,743	25,583,423	39,299,872	57,686,405	55,163,437	51,372,262
Endowment	1,664,450	3,043,689	6,975,433	9,636,968	14,319,675	14,502,690	14,017,587
Other	638,425	1,371,782	2,532,683	5,629,957	7,768,760	7,114,110	6,528,981
Group				4,299,271	9,886,029	9,108,742	8,911,742
Industrial	1,468,028	3,177,048	7,189,852	12,823,681	18,287,408	17,265,390	17,154,473
NUMBER OF POLICIES (thousands)							
Written during year, total	4,671	6,002	13,249	20,325	24,258	24,497	24,744
Ordinary [5]	729	993	3,924	3,897	5,384	4,721	4,904
Group				3	10	4	4
Industrial	3,942	5,009	9,325	16,425	18,856	19,771	19,836
In force Dec. 31, total	14,385	29,999	66,499	97,629	122,213	115,763	113,470
Ordinary [5]	3,176	6,964	16,695	23,882	32,739	32,788	31,925
Group				12	38	30	27
Industrial	11,219	23,034	49,805	73,736	89,436	82,945	81,517

[1] Includes disability and double indemnity receipts and payments.
[2] Does not include loading on deferred and uncollected premiums included in 1925 and earlier years.
[3] Comprises dividends apportioned and amounts set apart on deferred dividend policies and contingency and other special reserves.
[4] "Surplus apportioned" included in "Surplus, including capital."
[5] Includes "Group" prior to 1925.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 307.—LIFE INSURANCE ISSUED AND TERMINATED: ALL COMPANIES OF THE UNITED STATES

[Number of policies in thousands, amounts in thousands of dollars. Data for 1934, which were not available when this publication went to press, are as follows: Ordinary, including group—new business, number, 5,002,000, amount, $9,395,208,000; terminations, total, number, 4,229,000, amount, $9,271,289,000, by death, maturity, expiry, and disability, number, 1,218,000, amount, $2,391,594,000; by surrender, lapse, and change, number, 3,011,000, amount, $6,879,695,000; industrial—new business, number, 20,711,000 amount, $4,884,872,000; terminations, total, number, 19,978,000, amount, $4,428,063,000; by death, maturity, expiry, and disability, number, 1,373,000, amount, $301,608,000; by surrender, lapse, and change, number, 18,605,000, amount, $4,126,455,000]

	Ordinary, including group				Industrial			
	Number		Amount		Number		Amount	
	1932	1933	1932	1933	1932	1933	1932	1933
New business [1]	4,725	4,908	9,721,456	9,113,959	19,771	19,836	4,792,828	4,672,898
Terminations, total	5,160	4,889	13,929,427	12,126,282	25,092	21,387	5,810,955	4,796,907
By—								
Death	257	252	794,553	762,358	803	773	153,755	148,863
Maturity	97	97	110,118	107,508	131	128	13,059	13,033
Expiry	828	910	1,574,760	1,841,447	266	275	82,104	92,017
Surrender	1,559	1,585	4,432,310	4,395,927	6,440	5,214	1,261,672	1,147,972
Lapse	2,398	2,027	5,274,202	4,018,033	17,445	14,965	4,187,937	3,367,035
Change	16	14	1,715,610	974,616	5	13	112,291	27,217
Disability	5	5	27,874	26,374	(2)	(2)	137	121

[1] Includes all new issues, old policies revived or increased, and additions by dividends.
[2] Less than 500.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 308.—LIFE INSURANCE: OPERATIONS OF ALL COMPANIES OF THE UNITED STATES, FROM ORGANIZATION TO JAN. 1, 1934

NOTE.—Figures include domestic and foreign business of United States companies, but do not include operations of the Veterans' Bureau. (See pp. 152 and 153)

[All figures, except number of policies, in thousands of dollars]

	Total	Ordinary companies	Industrial companies
Total insurance issued since organization:			
Number of policies (thousands)	442,834	[1] 90,696	[2] 352,139
Amount	277,845,682	[1] 208,543,893	[2] 69,301,790
Insurance in force Jan. 1, 1934:			
Number of policies (thousands)	113,470	[1] 31,952	[2] 81,517
Amount	97,985,044	[1] 80,830,571	[2] 17,154,473
Receipts since organization, total	67,404,980	44,884,071	22,520,909
Premium and annuity	51,918,526	33,362,547	18,555,979
Interest, rents, etc	15,486,454	11,521,525	3,964,930
Payments to policyholders since organization, total	33,033,813	23,486,250	9,547,562
Death claims	13,493,323	9,340,798	4,152,525
Endowments and annuities [3]	3,802,771	2,816,827	985,944
Purchased policies, surrender values	8,366,961	5,800,349	2,566,612
Dividends to policyholders	7,370,767	5,528,285	1,842,482
Admitted assets, Jan. 1, 1934	20,895,726	13,032,638	7,863,089
Capital, apportioned funds, and surplus, Jan. 1, 1934	1,826,505	1,063,545	762,960

[1] Includes group business and ordinary and group business of industrial companies.
[2] Industrial business only.
[3] Includes disability and double indemnity.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 309.—LIFE INSURANCE: Ordinary and Industrial Insurance Written and in Force, by States

NOTE.—Totals in this table do not agree with totals in tables 305 and 306 because of differences in the reports from which they are compiled as furnished by the companies to the various insurance departments, and because of duplications from reinsurance. The former also covers business transacted in continental United States only, while the latter include also foreign business of United States companies

[All figures in thousands of dollars]

Division and State	Ordinary (including group)				Industrial			
	Written		In force Dec. 31		Written		In force Dec. 31	
	1932	1933	1932	1933	1932	1933	1932	1933
Continental United States [1]	10,882,461	9,696,877	83,854,008	79,746,838	4,812,608	4,834,966	16,701,708	16,683,175
New England	738,547	729,235	6,521,475	6,321,503	466,522	487,291	1,996,954	1,994,544
Maine	46,243	46,838	458,813	443,092	27,386	27,516	108,997	107,853
New Hampshire	31,020	40,476	288,768	279,573	19,766	20,034	84,534	85,035
Vermont	21,088	19,909	222,285	214,448	11,202	10,877	42,681	41,111
Massachusetts	407,389	392,934	3,543,191	3,424,831	258,715	281,940	1,110,756	1,092,050
Rhode Island	59,208	58,814	524,205	508,134	49,089	49,402	214,054	209,715
Connecticut	173,599	170,174	1,484,208	1,451,425	100,274	97,522	435,932	428,780
Middle Atlantic	3,369,007	2,794,493	26,797,544	25,645,826	1,538,705	1,451,940	6,913,155	6,774,836
New York	1,942,763	1,570,421	15,810,382	15,059,708	770,158	726,269	3,642,376	3,526,495
New Jersey	475,927	422,519	3,335,859	3,240,225	261,728	260,131	1,260,637	1,233,658
Pennsylvania	950,317	801,553	7,651,303	7,345,893	506,819	465,546	2,010,142	2,014,683
East North Central	2,545,812	2,332,998	19,394,698	18,406,794	1,011,022	922,390	3,456,878	3,425,278
Ohio	600,427	598,805	5,253,014	5,034,043	353,096	313,903	1,103,656	1,092,211
Indiana	295,008	233,969	1,907,984	1,873,287	143,726	133,566	483,016	485,544
Illinois	902,570	813,832	7,006,701	6,656,558	311,583	291,947	1,151,847	1,142,356
Michigan	554,503	518,795	3,213,458	3,006,501	148,328	129,698	462,199	456,921
Wisconsin	192,704	167,597	1,923,541	1,836,405	53,789	53,276	256,160	248,246
West North Central	1,043,934	963,724	8,366,240	7,893,118	285,858	263,788	962,298	954,494
Minnesota	216,849	172,153	1,856,649	1,613,008	31,654	32,435	156,803	152,955
Iowa	156,881	142,935	1,550,070	1,510,257	26,552	26,134	110,794	109,809
Missouri	342,317	348,379	2,588,061	2,493,630	153,191	162,710	642,240	638,709
North Dakota	21,962	25,550	243,557	228,716	13	14	205	177
South Dakota	29,276	26,877	263,825	245,635	12	16	193	191
Nebraska	142,850	123,527	922,808	891,863	13,243	14,155	53,747	53,397
Kansas	133,799	124,303	941,240	910,009	41,193	28,324	98,308	99,256
South Atlantic	908,333	822,566	6,973,169	6,562,796	760,709	880,705	1,568,979	1,665,282
Delaware	31,483	27,379	287,857	287,338	15,518	15,252	63,561	64,616
Maryland	128,002	137,154	1,237,105	1,187,326	128,960	179,055	433,857	439,111
Dist. of Columbia	84,314	70,754	650,416	631,271	47,963	44,514	132,825	134,109
Virginia	136,204	110,991	1,041,088	993,760	117,822	143,526	228,732	239,862
West Virginia	100,102	97,023	710,779	679,672	38,993	36,459	100,895	105,628
North Carolina	124,334	123,678	1,064,298	893,680	113,367	123,332	187,228	208,871
South Carolina	75,023	61,480	456,536	434,143	106,997	125,705	134,846	158,922
Georgia	137,278	121,415	988,152	939,666	126,045	139,585	194,219	211,205
Florida	91,593	72,192	536,938	515,940	65,944	73,277	92,816	102,848
East South Central	414,115	386,564	3,127,808	2,933,293	321,899	343,307	620,284	543,775
Kentucky	122,576	107,086	958,663	913,539	85,262	82,428	219,844	221,110
Tennessee	150,731	144,559	1,033,538	962,635	135,368	144,075	176,612	180,211
Alabama	91,300	86,267	706,552	661,518	77,929	87,251	96,964	107,583
Mississippi	49,508	48,652	429,045	395,606	23,340	29,553	26,844	28,865
West South Central	784,269	658,579	4,604,494	4,376,187	244,298	235,348	497,065	518,796
Arkansas	64,711	63,670	444,722	415,699	22,575	24,243	42,380	44,688
Louisiana	100,840	84,332	769,164	707,676	47,835	53,141	126,200	125,738
Oklahoma	147,710	119,108	929,035	882,134	25,910	39,438	74,814	77,916
Texas	471,008	391,469	2,461,573	2,370,678	147,978	168,526	253,671	270,454
Mountain	247,501	201,113	1,822,636	1,732,721	90,336	81,084	123,396	123,003
Montana	31,516	27,042	260,333	249,656	3,183	3,288	12,932	12,106
Idaho	19,666	19,115	185,203	172,077	1,262	1,309	6,173	6,021
Wyoming	11,536	12,390	100,219	98,208	149	124	861	808
Colorado	105,881	77,665	689,640	666,834	17,269	16,154	73,893	73,035
New Mexico	17,972	13,968	102,339	97,373	1,299	3,337	1,356	2,701
Arizona	16,724	13,416	152,077	138,994	836	358	1,042	954
Utah	37,548	33,198	284,526	265,979	6,310	6,482	27,290	27,074
Nevada	6,658	4,319	48,299	43,600	28	32	349	304
Pacific	822,277	690,148	6,095,512	5,743,581	173,259	186,996	659,550	660,676
Washington	121,597	116,183	1,056,029	1,001,991	23,484	22,391	92,807	90,605
Oregon	74,454	64,617	611,960	578,503	7,503	6,991	34,969	34,493
California	626,226	509,348	4,427,523	4,163,087	142,272	139,614	531,774	535,580

[1] Totals, except industrial written for 1932, include small amounts not distributed by States.

Source: Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 310.—LIFE INSURANCE: Financial Condition and Policy Account of Companies Reporting to New York Insurance Department

NOTE.—Data relate to the entire business of all companies authorized to sell life insurance in New York State, which include nearly all the important companies doing business in the United States. United States branches of foreign companies are included

[Number of policies in thousands, amounts in millions and tenths of millions of dollars]

	1927	1928	1929	1930	1931	1932	1933	1934 [1]
Assets	12,384.7	13,723.7	15,015.9	16,206.3	17,345.2	17,937.7	18,246.4	19,099.9
Liabilities [2]	11,536.1	12,801.1	14,060.1	15,252.6	16,314.1	16,792.5	17,173.7	18,428.3
Income, total	3,131.0	3,479.1	3,734.2	3,957.9	4,197.2	4,111.2	3,970.3	4,241.3
Premium income	2,410.0	2,654.4	2,820.4	2,974.9	3,119.9	3,012.6	2,901.9	3,050.3
Disbursements, total	1,954.8	2,202.5	2,492.2	2,787.1	3,099.4	3,540.3	3,543.5	3,278.5
Paid to policyholders [3]	1,351.4	1,540.2	1,782.7	2,041.4	2,357.5	2,783.0	2,785.8	2,383.3
ORDINARY BUSINESS [4]								
Insurance in force:								
Number of policies	21,040	22,455	23,946	25,086	25,828	25,609	25,368	
Amount	58,649.0	64,367.4	69,886.5	73,568.2	74,752.7	71,477.8	68,176.5	68,136.2
Insurance written and paid for:								
Number of policies	2,825	3,178	3,498	3,566	3,508	3,273	3,237	
Amount	10,837.3	12,046.0	13,109.7	12,435.8	10,578.8	8,557.1	7,603.9	8,676.9
Policies terminated:								
Number	1,680	1,734	2,007	2,426	2,786	3,493	3,478	
Amount	5,872.3	6,238.2	7,590.6	8,753.5	9,511.4	11,835.9	10,901.9	8,718.1
By death, maturity, expiry, and disability:								
Number	501	563	660	757	876	993	1,062	
Amount	1,008.5	1,162.0	1,375.4	1,555.8	1,745.3	2,059.8	2,360.3	
By surrender, lapse, change and decrease:								
Number	1,179	1,171	1,347	1,668	1,911	2,500	2,416	
Amount	4,863.7	5,076.2	6,215.3	7,197.7	7,766.1	9,776.1	8,541.6	

[1] Preliminary figures from unaudited reports; complete data not yet available.
[2] Exclusive of capital, surplus, and special funds.
[3] Includes accident and health claims.
[4] Includes group insurance.

Source: Reports of the Superintendent of Insurance, State of New York.

No. 311.—LIFE INSURANCE OF FRATERNAL ORDERS IN THE UNITED STATES

NOTE.—Although the number of orders reporting varies considerably, most of the larger orders report regularly, so that the figures are fairly comparable from year to year. Prior to 1920 the figures for the number of orders as given below include all known to be in existence whether reporting or not

[All money figures in millions and tenths of millions of dollars]

Calendar year	Number of orders	Assets	Liabilities	Income		Disbursements			Amount of insurance written during year	In force at end of year	
				Total	Net received from members	Total	Paid for claims	To agents and for management		Amount	Number of certificates (thousands)
1901	489	29.4	8.5	81.6	72.2	77.3	64.1	8.9	799.6	5,656.5	4,519
1905	570	64.5	11.4	95.7	91.4	85.2	72.6	11.3	1,026.3	8,150.4	6,119
1910	497	129.4	18.8	128.6	114.3	110.2	92.3	16.9	1,331.8	9,562.5	8,558
1915	472	212.8	28.0	133.3	122.3	123.6	98.7	16.1	922.9	8,694.4	7,696
1920	[1] 336	326.1	55.6	181.2	165.2	135.8	109.6	26.2	1,178.0	8,879.5	8,439
1922	[1] 245	340.1	78.0	197.7	173.2	151.6	110.6	34.1	915.6	8,687.9	8,016
1923	[1] 227	490.9	100.8	206.6	128.1	151.9	109.5	32.9	795.0	8,768.6	7,514
1924	[1] 228	565.9	110.6	216.2	186.3	153.3	116.4	31.8	1,096.8	9,805.6	12,514
1925	[1] 224	628.3	126.0	222.1	188.4	160.5	121.2	36.2	1,105.9	9,769.6	8,452
1926	[1] 249	659.9	120.2	224.3	181.7	159.3	121.2	34.3	1,033.3	9,834.7	8,549
1927	[1] 235	759.5	107.1	238.4	193.3	170.7	130.4	37.2	1,025.5	9,726.7	8,342
1928	[1] 262	824.3	196.2	245.0	197.2	181.6	140.2	38.1	1,039.8	9,324.1	9,004
1929	[1] 260	834.3	199.3	257.8	199.6	200.7	154.4	35.6	983.5	9,155.4	8,975
1930	[1] 255	881.6	195.6	251.1	199.2	199.2	147.0	44.1	1,287.3	8,946.2	7,770
1931	[1] 242	894.7	[2] 375.5	235.7	185.1	207.5	131.8	39.3	671.5	7,301.0	6,924
1932	[1] 226	882.4	[2] 339.8	212.4	163.8	167.0	117.3	31.1	599.6	7,122.7	6,413
1933	[1] 206	906.1	[2] 362.9	192.6	152.1	156.3	111.0	39.7	502.1	6,394.6	6,118

[1] Numbers reporting.
[2] Includes legal reserve not included prior to 1931.
[3] Revised to include reserves of one large order not included in figure for 1932 previously published but included in figures for 1931 and 1933; data for this revision from report by the Fraternal Monitor.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y., except as noted.

No. 312.—MUTUAL ACCIDENT AND SICK BENEFIT ASSOCIATIONS: FINANCIAL CONDITION AND BUSINESS TRANSACTED

NOTE.—Although many small companies have not reported all years, the large companies have reported regularly, and the figures are fairly comparable from year to year

[All figures, except number of companies and certificates, in thousands of dollars]

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	102	1,617	1,490	2,957	3,201	1,643	1,753	3,348	286,183	310,092
1905	165	3,769	3,198	6,134	7,513	3,513	3,330	6,862	667,809	887,804
1910	197	5,189	3,665	9,291	10,938	5,169	4,258	10,434	946,340	1,382,415
1915	177	7,103	4,483	10,969	12,555	6,955	4,854	11,769	693,654	1,359,368
1920	[1] 67	13,709	9,690	19,538	22,712	10,580	8,771	19,944	713,270	1,853,328
1923	[1] 127	30,749	17,488	31,462	34,435	17,932	12,711	30,038	582,168	1,679,361
1924	[1] 107	47,236	34,215	41,758	44,708	23,337	10,767	38,233	731,285	2,168,901
1925	[1] 167	46,682	31,558	40,807	44,903	22,395	15,019	36,672	807,722	2,170,562
1926	[1] 173	44,244	29,579	44,901	48,720	26,408	17,978	43,424	644,782	2,036,053
1927	[1] 173	44,992	28,881	47,579	50,892	27,958	18,766	47,608	841,384	2,269,669
1928	[1] 160	41,720	25,850	44,245	48,676	27,909	20,887	45,582	641,859	1,807,292
1929	[1] 148	61,852	35,540	51,314	56,453	30,894	19,239	50,072	826,509	2,543,834
1930	[1] 156	39,551	25,901	47,036	50,542	29,185	18,086	48,398	963,011	2,483,753
1931	[1] 134	38,457	25,235	42,252	45,714	29,116	17,810	46,022	1,023,189	2,531,185
1932	[1] 109	34,900	22,735	35,180	38,128	25,286	13,045	39,592	507,368	1,751,103
1933	[1] 101	33,721	22,806	31,063	33,647	19,387	11,359	32,285	521,266	1,717,619

[1] Number of companies reporting, for prior years figures include all known companies, whether reporting or not.

No. 313.—CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE: FINANCIAL CONDITION AND BUSINESS TRANSACTED

[All figures, except number of companies, in thousands of dollars]

Year	Number of companies	Capital	Assets	Net surplus over capital and liabilities	Net premiums [1]	Total income	Payments to policyholders [2]	Actual expenses of management [3]	Total expenditures
STOCK COS.[4]									
1895	53	20,676	42,211	13,044	15,684	19,318	5,916	8,755	15,695
1900	57	23,572	65,808	27,059	27,186	30,348	12,755	15,419	27,507
1905	84	43,630	152,866	39,070	55,344	63,101	21,647	28,922	54,354
1910	154	65,485	309,716	78,176	94,395	111,042	41,465	57,915	100,113
1915	181	78,024	603,670	78,035	160,320	174,892	75,444	74,251	159,397
1920	[5] 189	93,737	1,014,386	92,861	469,170	489,774	196,360	183,514	400,724
1923	[5] 240	138,251	1,492,323	156,999	545,689	582,827	277,395	238,747	532,946
1924	[5] 258	150,009	1,671,188	179,679	613,941	665,395	320,883	251,950	600,568
1925	[5] 274	159,630	1,934,744	202,680	698,729	752,037	347,440	286,024	660,092
1926	[5] 289	186,265	2,173,151	225,542	764,357	827,911	387,311	312,096	729,230
1927	334	211,356	2,473,647	293,829	834,878	901,494	427,344	341,023	788,865
1928	358	253,675	2,855,115	372,061	922,112	992,696	445,709	362,830	833,435
1929	382	265,449	3,102,552	373,195	943,621	1,037,579	491,584	378,806	925,468
1930	387	266,387	3,192,848	304,313	901,651	1,003,831	534,029	378,621	966,307
1931	371	239,683	3,149,886	232,776	827,847	931,546	529,023	347,925	926,141
1932	[5] *278*	*194,625*	*3,123,365*	*208,075*	*689,387*	*844,487*	*415,718*	*293,060*	*823,732*
1932 [6]	[5] 182	155,864	2,149,163	167,921	601,558	747,671	364,202	252,995	727,315
1933 [6]	[5] 177	151,328	2,247,824	173,750	570,288	652,665	303,129	236,627	639,899
ALL COMPANIES [7]									
1932	[5] 452				816,002	985,680	481,779	332,380	965,033
1933	[5] 473				775,712	878,353	409,844	299,431	851,565

[1] Total premium receipts prior to 1910. [2] Losses paid beginning 1924. [3] Including taxes.

[4] Figures through 1931 and 1932 figures in *italics* include data for companies which transact life insurance *in addition to* accident and health insurance. Income and disbursement items include business of accident and health branches only of these life insurance companies, while capital, assets, and net surplus include total amounts of these items for such companies, excluding, however, data for a few very large companies for which accident and health business is only a small proportion of the total business. Capital, assets, and net surplus are therefore overstated and in part duplicated in figures for life insurance companies in other tables. Figures for 1932 and 1933, except 1932 italic figures, include data for a few large life companies which transact a considerable amount of casualty business, but, in general, relate to casualty, surety, and miscellaneous insurance companies only.

[5] Number of companies which show figures for the year. [6] See note 4.

[7] Includes stock casualty, surety, and miscellaneous insurance companies, shown separately above accident and health departments of life insurance companies, mutual companies, reciprocals, and Lloyds

Source of tables 312 and 313: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 314.—STOCK CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES: PREMIUMS AND LOSSES, BY CLASSES OF INSURANCE

NOTE.—Data cover about 80 per cent of the business of stock casualty, surety, and miscellaneous insurance companies, excluding a large number of smaller companies and those that do not transact multiple casualty lines

[All money figures in thousands of dollars]

Class	1932			1933			1934		
	Premiums received	Losses paid	Ratio, per cent	Premiums received	Losses paid	Ratio, per cent	Premiums received	Losses paid	Ratio, per cent
Total	583,007	414,739	71.1	635,801	342,665	64.0	549,061	320,427	58.4
Accident[1]	37,839	24,133	63.8	34,891	20,624	59.1	29,662	16,208	54.6
Automobile collision	7,105	4,666	65.7	5,609	3,133	55.9	6,401	3,745	58.5
Automobile fire and theft	49	16	31.8	194	93	47.9	1,050	358	34.1
Automobile fire, theft, etc.[2]	726	353	48.5	886	360	40.7	554	137	24.7
Automobile liability	179,875	125,256	69.6	160,272	110,886	69.2	163,001	112,062	68.7
Automobile property damage	50,816	23,327	45.9	46,354	20,171	43.5	47,511	21,135	44.5
Automobile (not segregated)[3]	7,813	4,302	62.6	10,523	5,488	52.2	3,570	1,629	45.7
Burglary and theft	27,147	13,973	51.5	25,041	9,969	38.9	25,063	8,649	34.5
Credit	3,648	3,266	89.5	2,037	996	48.9	1,929	356	18.5
Engine and machinery	2,065	652	31.6	2,063	635	30.8	4,313	714	16.5
Fidelity	42,287	23,661	56.0	40,063	17,189	42.9	41,218	17,122	41.5
Health[1]	13,640	10,634	78.0	11,112	8,302	74.7	9,310	5,930	63.7
Liability	52,087	27,931	53.6	51,935	26,904	51.8	56,738	29,211	51.5
Livestock	351	411	116.9	267	297	111.4	295	231	78.2
Noncancelable accident and health	6,272	4,866	77.6	5,583	5,872	105.2	6,028	6,936	115.1
Plate glass	10,229	4,747	46.4	10,562	4,482	42.4	10,055	4,438	44.1
Property damage and collision[4]	2,441	853	34.9	1,892	727	38.4	3,522	1,221	34.7
Sprinkler and water damage	584	272	46.6	629	238	37.8	584	289	49.5
Steam boiler	5,087	847	16.6	6,419	1,086	16.9	6,869	873	12.7
Surety	33,765	45,825	135.7	32,004	29,648	92.6	36,342	23,060	63.5
Taxicab	843	407	48.4						
Workmen's compensation	97,787	93,323	95.4	86,210	75,064	87.1	94,045	65,669	69.8
Other	505	404	80.0	655	459	70.0	1,003	455	45.3

[1] Combined accident and health included with accident.
[2] Data for motor-vehicle fire and theft insurance of stock fire and marine companies are as follows: 1932, premiums received, $79,983,000; losses paid, $44,913,000; 1933, premiums received, $76,822,000; losses paid $32,960,000. Data for 1934 are not yet available.
[3] Includes small amounts of automobile accident, plate glass, tornado, and other miscellaneous classes.
[4] Other than automobile.

Source: The Spectator Co., New York, N. Y.

No. 315.—NET PROFITS OF CORPORATIONS

NOTE.—In millions of dollars. Figures in parentheses indicate the number of companies. For net profits of all corporations as compiled from income-tax returns, see tables 186 and 187, p. 188

Class and number of companies	1928	1929	1930	1931	1932	1933	1934
Grand total, for companies included[1]	2,898	3,241	2,267	1,424	725	1,085	
Industrial and mercantile (163)	1,229	1,435	861	380	[2]30	260	386
Automobiles, parts, and accessories (24)	410	357	175	79	[2]51	82	95
Steel and railroad equipment (13)	188	321	164	4	[2]120	[2]61	[2]23
Oil (18)	90	120	60	[2]20	18	11	27
Food (22)	139	156	141	117	84	90	87
Metals and mining (20)	69	82	32	4	[2]11	17	32
Machinery (15)	49	62	39	15	[2]7	2	15
Miscellaneous (51)	285	337	250	181	55	119	153
Public utilities (161)[3]	476	528	521	513	423	353	
Telephone (103)[3]	253	276	270	272	224	184	
Other public utilities (53)	223	252	251	241	199	169	164
Class I railroads (171)[4]	1,193	1,277	885	531	332	472	461

[1] Totals cover about 470 to 490 companies (see number of companies given in parentheses in stub and notes 3 and 4).
[2] Deficit.
[3] For 1931 and the second and third quarters of 1932, 104 telephone companies are included making a total of 162 public utilities; for the first and fourth quarters of 1932, 101 telephone companies are included, making a total of 159 public utilities for these two quarters. Complete data for 1934 are not available.
[4] For 1932, 167 railroads; for 1933, 150; 1934, 149.

Source: Federal Reserve Bank of New York.

No. 316.—CASH DIVIDEND PAYMENTS ON 600 COMMON STOCKS

Year and month [1]	Total annual payments at current rates (millions of dollars)	Number of shares, adjusted [2] (millions)	Weighted average dividend rate per share (dollars)					
			Total, 600 stocks	492 industrials	36 railroads	30 public utilities	21 banks	21 insurance
1929, average	2,536.9	858.28	2.96	2.66	6.06	2.49	5.72	3.31
1930, average	2,601.9	893.76	2.91	2.51	6.16	2.89	5.99	3.57
1931, average	2,134.7	915.72	2.33	1.85	4.81	2.97	5.75	3.37
1932, average	1,326.9	925.60	1.43	1.08	1.38	2.51	4.75	2.34
1933, average	1,008.1	924.04	1.09	.78	.88	2.18	3.77	1.70
March	1,024.9	922.56	1.11	.78	.86	2.25	3.90	1.75
June	965.4	923.29	1.05	.72	.86	2.19	3.55	1.66
September	978.8	923.78	1.06	.75	.90	2.11	3.55	1.66
December	1,023.4	926.13	1.11	.83	.91	2.07	3.61	1.67
1934	1,108.2	923.16	1.20	.95	1.10	1.99	3.68	1.71
March	1,079.8	929.04	1.16	.90	.98	2.06	3.58	1.69
June	1,105.1	929.04	1.19	.95	1.09	1.97	3.60	1.70
September	1,131.1	918.08	1.23	.98	1.20	1.98	3.77	1.71
December	1,168.7	918.08	1.27	1.06	1.21	1.90	3.73	1.78

[1] 1929 average based on figures for June to December; other yearly averages on 12 monthly figures.
[2] Adjusted for stock dividends and splits but not for changes in share capitalization due to other causes.
Source: Moody's Investors Service.

No. 317.—STOCK AND BOND YIELDS; PERCENT

NOTE.—Figures in boxes indicate number of issues. Data not available where blank spaces occur

Year	Bonds							Stocks (Standard Statistics Co.)				
	U. S. Treasury (Treasury Dept.) [1]	Municipal (Bond Buyer) (20)	Corporate and municipal (Standard Statistics Co.)					Preferred industrial, high grade (20)	Common [2]			
			Total (60)	Municipal (15)	Industrial (15)	Railroad (15)	Public utility (15)		Total (90)	Industrial (50)	Railroad (20)	Public utility (20)
1919		4.50	5.25	4.46	5.40	5.29	5.84	6.31				
1920		5.04	5.88	4.98	6.01	5.79	6.73	6.79				
1921		5.02	5.79	5.09	5.96	5.57	6.56	6.80				
1922		4.21	4.94	4.23	5.21	4.85	5.46	6.14				
1923		4.27	4.98	4.25	5.26	4.98	5.41	6.12				
1924		4.21	4.85	4.20	5.21	4.78	5.22	6.08				
1925		4.13	4.72	4.09	5.06	4.67	5.06	5.90				
1926	3.68	4.14	4.60	4.08	4.91	4.51	4.90	5.78	4.94	4.86	5.64	4.55
1927	3.34	3.99	4.47	3.98	4.83	4.31	4.78	5.51	4.76	4.73	5.25	4.36
1928	3.33	4.06	4.49	4.05	4.88	4.34	4.68	5.35	3.98	3.93	4.98	3.40
1929	3.60	4.32	4.70	4.27	5.06	4.61	4.86	5.50	3.47	3.61	4.52	2.41
1930	3.28	4.12	4.52	4.07	4.95	4.39	4.65	5.54	4.51	4.84	5.48	3.10
1931	3.31	4.07	4.68	4.01	5.51	4.61	4.60	5.81	6.15	6.48	8.35	4.69
1932	3.66	4.77	5.87	4.65	7.46	5.99	5.36	7.32	7.42	7.74	7.54	6.70
1933	3.31	5.14	5.62	4.71	6.93	5.65	5.18	6.71	4.26	4.06	3.34	5.56
1934	3.10	4.22	4.63	3.95	5.30	4.65	4.62	5.81	3.72	3.37	2.94	6.09

[1] Averages of yields of all outstanding Treasury bonds except those due or callable within 8 years.
[2] Extra cash dividends on an annual basis are included while stock dividends are disregarded.

No. 318.—BROKERS' LOANS OUTSTANDING EACH MONTH, 1926 TO 1934

NOTE.—In millions of dollars. Figures cover net loans obtained by New York Stock Exchange members on collateral contracted for and carried in New York

End of—	Total									Demand loans		Time loans	
	1926	1927	1928	1929	1930	1931	1932	1933	1934	1933	1934	1933	1934
Jan	3,513	3,139	4,420	6,735	3,985	1,720	512	359	903	255	627	104	276
Feb	3,536	3,256	4,323	6,679	4,168	1,840	525	360	938	223	657	137	281
Mar	3,000	3,290	4,640	6,804	4,656	1,909	533	311	981	208	714	103	267
Apr	2,836	3,341	4,308	6,775	5,063	1,651	379	322	1,088	207	812	115	276
May	2,767	3,458	5,274	6,665	4,748	1,435	300	529	1,016	398	722	130	294
June	2,926	3,569	4,898	7,071	3,728	1,391	244	780	1,082	583	741	198	342
July	3,398	3,642	4,837	7,474	3,689	1,344	242	916	923	680	588	237	335
Aug	3,142	3,674	5,051	7,882	3,599	1,354	332	917	874	634	545	283	329
Sept	3,219	3,915	5,514	8,549	3,481	1,044	360	897	832	624	532	272	300
Oct	3,111	3,946	5,880	6,109	2,556	796	325	776	827	515	546	261	281
Nov	3,129	4,092	6,392	4,017	2,162	730	338	789	831	544	558	245	273
Dec	3,293	4,433	6,440	3,990	1,894	587	347	845	880	598	616	247	264

Source: Federal Reserve Board.

No. 319.—NEW YORK STOCK EXCHANGE TRANSACTIONS

Item	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Stocks (millions of shares)	282	454	451	577	920	1,125	810	577	425	655	324
Bonds, par value (millions of dollars):											
Railway and miscellaneous	2,345	2,332	2,004	2,142	1,967	2,182	1,927	1,846	1,642	2,099	2,239
United States Government	877	391	262	290	183	142	116	296	570	501	885
State, municipal, and foreign	582	661	721	837	749	658	721	908	755	769	602

Source: Commercial and Financial Chronicle.

No. 320.—NEW YORK TIMES AVERAGE PRICES OF STOCKS

Year	25 industrials (dollars per share)			25 railroads (dollars per share)		
	High	Low	Average closing [1]	High	Low	Average closing [1]
1913	67.08	50.27	58.19	91.42	75.82	82.97
1914	61.71	48.48	58.08	84.94	66.35	77.57
1915	109.97	61.85	75.35	82.84	66.13	73.16
1916	119.30	86.60	99.14	85.70	74.83	80.05
1917	99.74	62.81	85.44	81.22	52.06	69.12
1918	91.55	71.31	80.98	70.75	56.94	61.34
1919	138.12	80.37	105.77	68.78	54.48	62.06
1920	129.83	76.55	107.21	63.55	48.53	55.94
1921	90.60	66.24	79.38	56.54	47.69	53.21
1922	116.24	79.86	98.58	70.53	52.57	62.38
1923	118.44	99.05	107.78	67.05	54.61	60.15
1924	135.11	103.26	115.08	81.41	57.80	67.18
1925	185.36	128.83	152.65	95.29	73.50	82.48
1926	186.03	137.65	165.70	102.60	81.61	93.27
1927	247.48	171.49	214.54	124.22	99.34	113.81
1928	332.58	233.42	268.92	132.80	112.84	122.06
1929	469.49	220.95	360.29	158.71	107.92	135.87
1930	358.16	196.67	285.66	136.00	74.20	113.51
1931	251.22	110.73	187.15	94.93	24.49	63.01
1932	129.16	57.62	93.63	33.96	10.34	21.99
1933	150.21	75.39	118.42	47.67	18.31	30.84
1934	153.18	123.34	137.84	43.36	25.54	33.19

[1] Average of Saturday closing prices for these stocks.

No. 321.—AVERAGE PRICES OF STOCKS AND BONDS, BY CLASSES

NOTE.—Figures in parentheses indicate the number of issues

Year	Bonds						Preferred stocks [4] (20)	Common stocks (1926=100)			
	U. S. Government [1] (dollars)	Corporate and municipal [2] (dollars) (60)	Corporate, percent of par [3]								
			Total (40)	Industrial (10)	Rails		Public utility (10)		Total (421)	Industrial (351)	Railroad (33)	Public utility (37)
					High grade (10)	Second grade (10)						
1919	96.0	----	69.07	70.76	77.89	66.33	61.77	110.9	70.7	72.5	70.1	60.3
1920	90.9	----	59.70	60.12	71.33	58.56	51.98	103.2	64.2	66.1	63.9	54.5
1921	92.2	----	60.15	55.26	74.39	61.49	53.92	103.0	55.2	51.6	61.8	57.8
1922	99.5	----	74.11	74.00	85.50	71.76	67.50	114.0	67.7	70.4	72.7	70.9
1923	98.4	----	71.72	72.27	82.86	67.71	66.26	114.4	69.0	66.6	71.9	73.8
1924	101.1	----	74.32	73.21	85.11	72.13	68.93	115.2	72.8	69.6	76.7	78.9
1925	101.9	----	77.04	75.42	80.96	76.69	70.81	118.6	89.7	88.4	89.5	94.9
1926	102.0	----	80.31	77.86	89.47	81.21	74.40	121.0	100.0	100.0	100.0	100.0
1927	103.2	----	83.69	79.53	94.47	85.28	77.47	127.1	118.3	117.6	119.1	116.0
1928	102.6	----	84.06	79.48	92.87	84.91	80.33	130.9	149.9	154.3	128.5	148.9
1929	100.1	95.6	79.21	75.98	87.50	79.43	75.11	127.4	190.3	189.4	147.3	234.6
1930	102.5	98.3	81.25	74.37	92.23	84.95	76.01	126.4	149.8	140.6	124.9	214.6
1931	102.9	96.2	74.94	63.84	92.48	72.37	77.94	119.1	94.2	86.9	72.1	147.9
1932	102.28	81.1	49.97	45.36	76.04	34.30	67.45	96.1	48.4	46.3	26.2	78.8
1933	102.75	84.0	58.64	52.99	82.70	45.87	72.73	104.8	63.5	66.3	38.0	78.2
1934	104.44	96.7	80.97	74.70	100.77	67.84	88.79	120.7	72.5	81.3	41.5	68.9

[1] Covers a representative list of long-term U. S. Government bonds.
[2] Yields on 60 bonds converted to equivalent price of a 4.40 percent bond having 25 years to maturity.
[3] Average yield of the 10 bonds of each class capitalized at 4 percent to give the combined index. Five substitutions in the series of industrials in 1922 affected this index.
[4] Average of prices adjusted to a $7 annual dividend basis.

Sources: 60 corporate bonds, Dow, Jones & Co.; other figures, Standard Statistics Co.

No. 322.—FOREIGN CAPITAL ISSUES (GOVERNMENTAL AND CORPORATE) PUBLICLY OFFERED IN THE UNITED STATES

[Amounts in thousands of dollars]

Year	Number of issues	Total nominal capital	Estimated refunding to Americans	Estimated new nominal capital	Year	Number of issues	Total nominal capital	Estimated refunding to Americans	Estimated new nominal capital
1914	26	44,670	655	44,015	1925	104	1,316,166	239,700	1,076,466
1915	80	817,529	13,675	803,854	1926	230	1,288,459	162,978	1,125,481
1916	102	1,159,601	3,700	1,155,901	1927	265	1,577,414	240,654	1,336,760
1917	65	720,297	37,650	682,647	1928	221	1,489,362	238,410	1,250,951
1918	28	23,465	2,600	20,865	1929	148	705,768	34,537	671,231
1919	65	771,045	379,257	391,787	1930	121	1,087,500	182,227	905,333
1920	104	602,938	105,500	497,438	1931	41	285,200	56,365	228,835
1921	118	692,413	69,105	623,308	1932	7	87,885	58,530	29,355
1922	162	863,048	99,421	763,627	1933	6	70,874	60,091	10,783
1923	76	497,597	77,000	420,597	1934	2	9,387	9,387	----------
1924	120	1,217,218	247,994	969,224					

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 323.—CAPITAL ISSUES: SUMMARY, BY CLASSES, 1919 TO 1934

NOTE.—**In millions and tenths of millions of dollars.** Data cover domestic and foreign issues in the United States. Preferred stocks of no par value and all common stocks are taken at their offering price, other issues at par, except that in the figures for corporate issues for 1912 to 1918 all stocks are included at their market value. Corporate issues for 1912 to 1918 exclude real estate offerings and privileged stock subscriptions included in figures beginning 1919, and issues of less than $100,000. State and municipal issues include bonds issued by States, Territories, and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies

Year	Total issues	New capital	Refunding	Total issues, by kinds						
				Corporate				Farm-loan and Gov't agencies	State and municipal	Foreign government
				Railroads	Public utilities	Industrials [1]	Miscellaneous			
1919	4,286.2	3,688.4	597.8	208.1	462.3	1,691.6	377.7	110.0	703.2	533.3
1920	4,010.0	3,034.8	975.2	377.9	496.8	1,027.6	464.0	----------	699.5	344.3
1921	4,203.8	3,576.7	627.1	655.3	671.1	848.6	215.9	121.9	1,236.7	455.3
1922	5,235.9	4,304.4	931.5	651.5	980.4	915.8	525.5	386.4	1,143.7	632.4
1923	4,989.7	4,304.4	685.3	518.2	1,138.4	1,044.8	531.4	392.5	1,071.3	293.1
1924	6,352.5	5,593.2	759.3	940.3	1,520.6	805.7	563.0	179.1	1,407.8	927.0
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
1926	7,430.3	6,344.1	1,086.1	422.6	1,968.0	1,610.2	1,298.8	131.3	1,375.5	623.9
1927	9,933.7	7,791.1	2,142.6	962.8	2,977.4	1,673.8	1,705.2	179.6	1,522.5	912.4
1928	9,991.8	8,114.4	1,877.5	727.7	2,562.3	1,816.9	2,710.9	63.9	1,420.9	689.2
1929	11,592.2	10,182.8	1,409.4	817.2	2,442.8	2,469.8	4,306.0	----------	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
1931	4,022.9	3,115.5	907.4	516.5	1,538.9	329.6	204.0	125.6	1,258.0	50.4
1932	1,730.3	1,192.2	538.0	61.0	540.3	20.9	21.8	109.6	[2] 850.8	66.0
1933	1,053.7	709.5	344.2	99.9	92.7	186.6	2.3	90.2	[2] 522.0	60.0
1934	2,214.7	1,419.5	795.2	249.2	158.4	53.2	30.2	721.7	[2] 941.9	60.0

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
1912	2,253.6	1,349.5		904.1	1924	3,838.6	2,569.3	403.0	866.3
1913	1,645.7	1,193.9		451.9	1925	4,738.1	3,040.2	386.9	1,311.0
1914	1,436.5	1,174.7		261.8	1926	5,290.6	3,648.0	333.8	1,317.8
1915	1,435.4	1,110.6		324.7	1927	7,319.2	5,190.4	355.5	1,773.3
1916	2,186.5	1,405.0		781.5	1928	7,817.9	3,916.6	274.1	3,627.2
1917	1,530.0	1,075.5		454.5	1929	10,026.4	2,842.3	262.6	6,921.4
1918	1,344.8	1,047.1		297.7	1930	5,473.3	3,248.0	657.0	1,568.3
1919	2,739.7	633.7	540.2	1,565.8	1931	2,589.0	1,840.8	405.1	343.1
1920	2,966.3	1,234.4	660.8	1,071.1	1932	643.9	405.8	214.0	24.0
1921	2,390.9	1,896.2	215.4	279.3	1933	381.6	138.5	90.4	152.7
1922	3,073.3	2,304.3	145.0	624.0	1934	491.1	287.0	169.5	34.6
1923	3,232.8	2,316.4	180.5	736.0					

[1] Comprises the following classifications given in the original detailed statements: Iron, steel, coal, copper, etc., equipment manufactures, motors and accessories, oil, rubber, and miscellaneous industrials.
[2] See note 1, table 324.

Source: Corporate issues prior to 1919 from New York Journal of Commerce, all other data from the Commercial and Financial Chronicle.

No. 324.—CAPITAL ISSUES: CORPORATE, FOREIGN GOVERNMENT, FARM LOAN, AND STATE AND MUNICIPAL

[In millions and tenths of millions of dollars. See headnote table 323]

Kind of issue	1927	1928	1929	1930	1931	1932	1933	1934
TOTAL								
All issues	9,933.7	9,991.8	11,592.2	7,677.0	4,022.9	1,730.3	1,053.7	2,214.7
Corporate, total	7,319.2	7,817.9	10,026.4	5,473.3	2,589.0	643.9	381.6	491.1
Domestic:								
Long-term bonds and notes	4,466.2	3,174.1	2,369.4	2,810.3	1,628.0	405.8	138.5	287.0
Short-term bonds and notes	302.5	264.9	250.6	620.3	400.1	214.0	88.8	168.3
Preferred stocks	1,054.7	1,397.1	1,694.7	421.5	148.0	10.9	15.2	3.2
Common stocks	683.5	2,094.1	5,061.8	1,105.0	195.1	13.1	137.4	31.4
Canadian	265.4	282.1	314.1	297.1	140.0	----	.1	----
Other foreign	546.9	605.5	335.7	219.1	77.8	----	1.6	1.2
Canadian Government	135.3	38.1	61.8	137.7	50.4	66.0	60.0	50.0
Other foreign government	777.1	651.1	68.3	481.9	----	----	----	10.0
Farm-loan and government agencies	179.6	63.9	----	86.5	125.6	169.6	90.2	721.7
State and municipal:								
Domestic [1]	1,509.6	1,414.8	1,430.7	1,487.3	1,256.3	849.5	520.5	941.9
U. S. territories and possessions	12.9	6.2	5.1	10.3	1.7	1.3	1.5	----
NEW CAPITAL								
All issues	7,791.1	8,114.4	10,182.8	7,023.4	3,115.5	1,192.2	709.5	1,419.5
Corporate, total	5,391.0	6,079.6	8,639.4	4,944.4	1,763.4	325.4	180.7	178.3
Domestic:								
Long-term bonds and notes	2,962.0	2,174.8	1,873.5	2,459.7	950.7	271.0	23.6	112.1
Short-term bonds and notes	220.7	210.5	204.7	520.0	288.7	34.1	16.7	31.6
Preferred stocks	874.2	1,149.1	1,516.7	412.2	116.2	10.5	15.2	3.2
Common stocks	599.9	1,811.6	4,407.1	1,091.2	195.1	9.7	105.1	31.4
Canadian	215.6	183.3	314.1	251.2	140.0	----	.1	----
Other foreign	518.6	550.2	323.3	210.1	72.8	----	----	----
Canadian Government	89.3	35.1	52.2	130.6	40.9	26.0	----	----
Other foreign government	737.6	550.6	68.3	417.3	----	----	----	----
Farm-loan and government agencies	86.8	63.9	----	86.5	74.6	77.1	63.9	405.1
State and municipal:								
Domestic [1]	1,475.0	1,379.1	1,417.8	1,434.3	1,234.8	762.5	483.4	836.1
U. S. territories and possessions	11.4	6.2	5.1	10.3	1.7	1.3	1.5	----
REFUNDING								
All issues	2,142.6	1,877.5	1,409.4	653.7	907.4	538.0	344.2	795.2
Corporate, totals	1,928.2	1,738.3	1,386.9	528.9	825.5	318.5	220.9	12.8
Domestic:								
Long-term bonds and notes	1,504.2	999.3	495.9	350.6	677.3	134.8	114.9	174.9
Short-term bonds and notes	81.8	54.4	45.9	100.2	111.4	179.9	72.1	136.7
Preferred stocks	180.5	248.0	178.0	9.4	31.9	.4	----	----
Common stocks	83.7	282.5	654.7	13.8	----	3.4	32.3	----
Canadian	49.8	98.8	----	45.9	----	----	----	----
Other foreign	28.3	55.3	12.4	9.0	5.0	----	1.6	1.2
Canadian Government	46.0	3.0	9.6	7.2	9.5	40.0	60.0	50.0
Other foreign government	39.5	100.5	----	64.6	----	----	----	10.0
Farm-loan and government agencies	92.8	----	----	----	51.0	92.5	26.3	316.6
State and municipal:								
Domestic [1]	34.6	35.6	12.9	53.0	21.4	87.0	37.1	105.8
U. S. territories and possessions	1.5	----	----	----	----	----	----	----
CORPORATE ISSUES, NEW CAPITAL								
Total	5,391.0	6,079.6	8,639.4	4,944.4	1,763.4	325.4	180.7	178.3
Railroads	505.7	364.1	546.5	797.4	345.6	13.1	12.0	72.7
Public utilities	2,005.3	1,811.5	1,932.0	2,365.1	948.6	274.4	34.2	49.4
Iron, steel, coal, copper, etc	100.5	208.2	274.4	200.8	107.2	3.5	3.4	.6
Equipment manufacturers	23.8	9.1	2.4	27.0	12.9	----	----	----
Motors and accessories	94.7	66.3	82.1	16.2	----	----	.9	----
Other industrial and manufacturing	705.4	852.5	1,177.2	519.7	136.6	10.9	106.2	23.8
Oil	317.3	193.7	270.9	263.5	15.1	----	1.8	1.0
Land, buildings, etc	630.4	716.3	520.4	244.5	129.0	8.1	.9	.4
Rubber	12.7	55.9	90.0	33.9	----	2.2	----	.5
Shipping	26.3	21.2	31.3	10.0	1.7	----	----	----
Inv. trusts, trading, holding, etc	174.9	786.7	2,222.2	232.7	4.1	1.2	1.1	18.8
Miscellaneous	734.0	994.2	1,489.9	233.5	62.6	12.0	.3	11.0

[1] These figures do not include funds obtained by States and municipalities from any agencies of the Federal Government.

Source: Commercial and Financial Chronicle.

No. 325.—COMMERCIAL FAILURES: Number and Assets and Liabilities

Calendar year	Number of failures	Aggregate liabilities	Average liability	Calendar year	Total number of concerns in business	Number of failures	Aggregate assets	Aggregate liabilities	Average liability
		1,000 dollars	*Dollars*				*1,000 dollars*	*1,000 dollars*	*dollars*
1857	4,932	201,750	59,155	1897	1,058,521	13,351	105,014	154,332	11,559
1858	4,225	95,749	22,662	1898	1,105,830	12,186	82,577	130,663	10,722
1859	3,913	64,394	16,456	1899	1,147,595	9,337	50,221	90,880	9,733
1860	3,676	79,807	21,710	1900	1,174,300	10,774	78,080	138,496	12,854
1861	6,993	207,210	29,631						
				1901	1,219,242	11,002	55,456	113,092	10,279
1862	1,652	23,049	13,952	1902	1,253,172	11,615	58,730	117,477	10,137
1863	495	7,900	15,958	1903	1,281,481	12,069	90,014	155,444	12,879
1864	520	8,579	16,498	1904	1,320,172	12,199	84,438	144,202	11,820
1865	530	17,625	33,255	1905	1,357,455	11,520	57,826	102,676	8,913
1866	1,505	53,783	35,736	1906	1,392,949	10,682	66,610	119,202	11,159
1867	2,780	96,666	34,772	1907	1,418,075	11,725	138,536	197,385	16,834
1868	2,608	63,694	24,423	1908	1,447,554	15,690	146,199	222,316	14,169
1869	2,799	75,054	26,815	1909	1,486,389	12,924	102,773	154,603	11,963
1870	3,546	88,242	24,885	1910	1,515,143	12,652	136,538	201,757	15,947
1871	2,915	85,252	29,246	1911	1,525,024	13,441	124,517	191,062	14,215
1872	4,069	121,056	29,751	1912	1,564,279	15,452	126,287	203,117	13,145
1873	5,183	228,500	44,086	1913	1,616,517	16,037	174,688	272,672	17,003
1874	5,830	155,239	26,628	1914	1,655,496	18,280	265,293	357,909	19,579
1875	7,740	201,060	25,977	1915	1,674,788	22,156	183,454	302,286	13,644
1876	9,092	191,118	21,020	1916	1,707,039	16,993	113,599	196,212	11,547
1877	8,872	190,670	21,491	1917	1,733,225	13,855	103,465	182,441	13,168
1878	10,478	234,383	22,369	1918	1,708,061	9,982	101,638	163,020	16,331
1879	6,658	98,149	14,741	1919	1,710,909	6,451	67,038	113,291	17,561
1880	4,735	65,752	13,886	1920	1,821,409	8,881	195,504	295,122	33,230
1881	5,582	81,156	14,530	1921	1,927,304	19,652	409,038	627,402	31,926
1882	6,738	101,548	15,070	1922	1,983,106	23,676	413,358	623,896	26,351
1883	9,184	172,874	18,823	1923	1,996,004	18,718	388,382	539,387	28,816
1884	10,968	226,343	20,632	1924	2,047,302	20,615	337,945	543,225	26,351
1885	10,637	134,220	11,678	1925	2,113,312	21,214	248,067	443,744	20,918
1886	9,834	114,644	11,651						
1887	9,634	167,561	17,392	1926	2,158,457	21,773	202,345	409,232	18,795
1888	10,679	123,832	11,596	1927	2,171,688	23,146	256,740	520,104	22,471
1889	10,882	148,784	13,672	1928	2,199,049	23,842	255,478	489,560	20,533
1890	10,907	189,857	17,406	1929	2,212,779	22,909	226,028	483,250	21,094
				1930	2,183,008	26,355	442,800	668,284	25,357
1891	12,273	189,869	15,471						
1892	10,344	114,044	11,025	1931	2,125,288	28,285	434,939	736,309	26,032
1893	15,242	346,780	22,751	1932	2,076,580	31,822	509,135	928,313	29,172
1894	13,885	172,993	12,458	1933	1,960,701	20,307	270,730	502,831	24,761
1895	13,197	173,196	13,124	1934	1,973,900	12,185	154,226	264,248	21,686
1896	15,088	226,096	14,985						

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of failures:												
1924	2,108	1,730	1,817	1,707	1,816	1,607	1,615	1,520	1,306	1,696	1,653	2,040
1925	2,317	1,793	1,859	1,939	1,767	1,745	1,695	1,513	1,465	1,581	1,672	1,878
1926	2,296	1,801	1,984	1,957	1,730	1,708	1,605	1,593	1,437	1,763	1,830	2,069
1927	2,465	2,035	2,143	1,968	1,852	1,833	1,766	1,708	1,573	1,787	1,864	2,162
1928	2,643	2,176	2,236	1,818	2,008	1,947	1,723	1,852	1,635	2,023	1,838	1,943
1929	2,535	1,965	1,987	2,021	1,897	1,767	1,752	1,762	1,568	1,822	1,796	2,037
1930	2,759	2,262	2,347	2,198	2,179	2,026	2,023	1,913	1,963	2,124	2,031	2,525
1931	3,316	2,563	2,604	2,383	2,248	1,993	1,983	1,944	1,936	2,362	2,195	2,758
1932	3,458	2,732	2,951	2,816	2,788	2,688	2,596	2,796	2,182	2,273	2,073	2,469
1933	2,919	2,378	1,948	1,921	1,909	1,648	1,421	1,472	1,116	1,206	1,237	1,132
1934	1,364	1,049	1,102	1,052	977	1,033	912	929	790	1,091	923	963
Liabilities (1,000 dollars):												
1924	51,273	35,942	97,651	48,904	36,591	34,099	36,813	55,154	34,296	36,099	31,124	45,279
1925	54,354	40,123	34,005	37,189	37,027	36,701	34,505	37,159	30,087	29,544	35,922	36,528
1926	43,651	34,176	30,623	38,487	33,543	29,408	29,680	28,130	29,990	33,231	32,694	45,020
1927	51,290	46,941	57,891	53,156	37,785	34,465	43,150	39,196	32,786	36,236	36,147	51,062
1928	47,634	45,071	54,814	37,985	36,117	29,827	29,587	58,202	33,957	34,990	40,601	40,774
1929	53,877	34,036	36,356	35,270	41,216	31,375	32,426	33,746	34,125	31,314	52,046	67,465
1930	61,185	51,326	56,846	49,059	55,541	63,131	39,826	49,181	46,947	56,297	55,261	83,683
1931	94,608	59,008	60,387	50,868	53,371	51,656	60,998	53,025	47,256	70,660	60,060	73,213
1932	95,860	84,900	93,760	101,089	83,764	76,931	87,190	77,031	56,128	52,870	53,621	64,189
1933	79,101	65,576	48,500	51,097	47,972	35,345	27,481	42,776	21,847	30,582	25,358	27,200
1934	32,905	19,445	27,228	25,787	22,561	23,868	19,326	18,460	16,440	19,968	18,350	19,911

Source: Dun and Bradstreet, Inc., New York, N.Y.

No. 326.—COMMERCIAL FAILURES: By States, 1934

[Assets and liabilities in thousands of dollars]

Division and State	Number of concerns in business	Failures								
		Total			Manufacturing		Trading		Agents, brokers, etc.	
		Number	Assets	Liabilities	Number	Liabilities	Number	Liabilities	Number	Liabilities
United States	1,973,900	12,185	154,226	264,248	3,040	98,645	7,962	114,705	1,183	50,899
New England	151,624	1,363	12,142	25,120	406	9,932	804	9,097	153	6,092
Maine	16,275	110	658	1,431	28	334	74	1,021	8	77
New Hampshire	10,807	35	163	608	14	430	20	177	1	1
Vermont	6,719	23	274	398	5	36	17	339	1	23
Massachusetts	77,464	744	8,185	17,397	257	7,699	371	4,473	116	5,225
Rhode Island	11,950	162	335	1,085	44	353	110	574	8	158
Connecticut	28,409	289	2,527	4,201	58	1,079	212	2,514	19	608
Middle Atlantic	494,775	4,430	57,385	115,101	1,253	45,142	2,625	46,402	552	23,557
New York	252,047	2,995	29,466	71,035	846	25,474	1,759	28,712	390	17,448
New Jersey	79,016	755	5,868	18,531	206	5,815	447	8,989	102	3,727
Pennsylvania	163,712	680	22,052	24,936	201	13,853	419	8,701	60	2,382
East North Central	414,927	2,101	39,871	55,163	541	21,536	1,380	23,746	180	9,881
Ohio	110,106	629	11,149	15,822	168	6,752	412	6,789	49	2,280
Indiana	54,868	185	1,760	2,870	41	1,047	128	1,615	16	208
Illinois	130,462	738	14,404	21,623	175	6,214	485	9,876	78	5,532
Michigan	65,180	256	4,531	6,233	69	2,890	167	2,666	20	676
Wisconsin	54,311	293	8,027	8,616	88	4,632	188	2,799	17	1,184
West North Central	228,997	784	7,833	9,943	137	2,855	611	5,736	36	1,353
Minnesota	40,083	184	1,975	2,316	30	420	142	1,617	12	279
Iowa	44,118	146	1,568	1,973	20	951	126	1,022		
Missouri	59,812	198	1,172	1,973	48	716	141	1,131	9	125
North Dakota	11,967	18	117	180	4	60	13	114	1	6
South Dakota	13,101	28	272	396	1	2	26	394	1	(1)
Nebraska	25,090	141	871	1,130	25	161	110	707	6	262
Kansas	34,826	69	1,858	1,976	9	545	53	751	7	680
South Atlantic	191,394	843	10,179	14,270	157	5,563	626	7,322	60	1,385
Delaware	4,413	7	129	251	3	207	3	38	1	6
Maryland	30,032	182	1,733	3,107	49	1,494	118	944	15	669
Dist. of Columbia	10,421	70	888	971	16	198	38	393	16	380
Virginia	29,590	153	909	1,449	33	302	118	1,132	2	16
West Virginia	21,336	140	2,001	2,283	21	1,107	111	1,035	8	140
North Carolina	30,795	112	2,033	3,001	16	1,725	87	1,200	9	76
South Carolina	13,831	34	753	776	5	235	29	541		
Georgia	27,339	82	1,110	1,619	7	103	71	1,470	4	45
Florida	23,637	63	624	813	7	192	51	568	5	53
East South Central	98,484	335	4,427	6,326	52	2,825	267	3,174	16	328
Kentucky	32,242	73	1,163	1,270	11	704	61	556	1	10
Tennessee	28,123	133	1,148	1,907	31	1,011	96	801	6	95
Alabama	20,902	70	678	1,103	6	420	57	479	7	205
Mississippi	17,217	59	1,437	2,046	4	691	53	1,338	2	17
West South Central	165,138	457	4,379	6,622	37	1,073	405	4,754	15	795
Arkansas	20,303	68	930	1,179	9	162	55	579	4	438
Louisiana	24,505	43	699	790	4	57	38	728	1	6
Oklahoma	33,685	118	963	1,229	7	365	106	815	5	49
Texas	86,695	228	1,786	3,423	17	489	206	2,632	5	302
Mountain	59,687	251	1,589	3,153	36	422	192	1,617	23	1,114
Montana	8,817	39	192	335	4	63	35	272		
Idaho	7,742	24	460	532	1	100	20	121	3	311
Wyoming	3,978	13	45	84	1	7	10	63	2	15
Colorado	18,562	97	582	1,543	25	211	57	606	15	726
New Mexico	5,489	8	102	191			8	191		
Arizona	5,894	6	14	17	1	2	4	9	1	6
Utah	7,292	59	179	410	4	40	50	313	2	58
Nevada	1,913	5	16	42			5	42		
Pacific	168,324	1,621	16,421	28,549	421	9,297	1,062	12,857	148	6,395
Washington	33,538	263	1,507	3,128	61	941	186	1,952	16	235
Oregon	20,052	203	3,083	3,553	49	676	134	924	20	1,933
California	115,234	1,155	11,831	21,888	311	7,679	732	9,982	112	4,227

[1] Less than $500.

Source: Dun & Bradstreet, Inc., New York, N. Y.

No. 327.—COMMERCIAL FAILURES, BY BRANCHES OF BUSINESS

NOTE.—Iron, woolens, and cottons include all branches of those manufactures; machinery, vehicles, etc., includes shipbuilding, hardware, fixtures, and implements; lumber includes furniture; clothing includes furnishings; chemicals include chemical fertilizers; glass, etc., includes pottery, lime, cement, and stone. In the trading group, groceries includes creameries; hotels include lodging houses and caterers; dry goods includes department stores; furniture includes glass and glassware. Agents, brokers, etc., include real estate, insurance, storage, express, harbor lines, etc.

	Number				Aggregate liabilities (in thousands of dollars)				Average liability, 1934 (dollars)
	1931	1932	1933	1934	1931	1932	1933	1934	
Total commercial	28,285	31,822	20,307	12,185	736,309	928,313	502,831	264,248	21,686
Total manufacturing	6,412	7,279	4,615	3,040	283,463	350,097	179,933	98,645	32,449
Iron, steel and foundries	181	286	250	139	19,826	19,920	11,302	5,686	40,907
Machinery, vehicles, etc.	409	506	311	221	52,003	32,777	14,862	8,972	40,597
Woolens, carpets, etc.	54	61	33	20	5,516	3,013	1,022	2,369	118,474
Cottons and lace	11	38	14	5	4,807	8,345	2,861	756	151,131
Lumber and building lines	751	891	512	375	44,656	66,082	20,337	17,872	47,659
Clothing and furnishings	707	840	298	211	14,625	23,209	7,101	5,257	24,916
Hats, gloves, and furs	215	277	134	129	5,221	7,369	1,870	2,052	15,909
Chemicals and drugs	102	156	120	56	4,425	9,105	8,143	1,642	29,318
Paints	26	44	18	15	2,592	1,509	772	642	42,781
Printing and engraving	280	384	313	162	9,471	13,035	8,123	3,900	24,072
Milling and bakers	493	554	358	250	7,848	8,586	4,433	2,583	10,332
Leather, shoes, saddlery, and trunks	203	248	155	122	5,864	14,872	5,972	2,301	19,600
Tobacco, etc.	100	115	111	50	2,208	2,485	2,731	835	16,698
Glass, earthenware, and brick	106	237	215	132	10,539	11,563	9,706	4,185	31,708
All other	2,704	2,842	1,773	1,153	93,853	128,077	71,696	39,502	34,260
Total trading	20,170	22,624	14,105	7,962	355,358	431,179	233,014	114,705	14,407
General stores	1,408	1,461	782	278	24,700	26,541	13,122	3,577	12,865
Groceries, meat, and fish	3,719	4,311	3,449	2,502	44,346	47,221	35,522	25,996	10,390
Hotels and restaurants	1,159	1,258	865	737	44,001	51,533	21,225	17,437	23,659
Tobacco, etc.	295	280	166	97	3,152	3,923	1,507	1,563	16,115
Clothing and furnishings	3,055	3,680	1,692	845	47,165	57,188	22,094	9,466	11,202
Dry goods and carpets	1,441	1,623	857	348	26,054	36,033	17,341	6,027	17,318
Shoes and luggage	858	950	570	309	12,926	12,995	6,827	3,095	10,015
Furniture and crockery	937	1,108	465	205	25,431	29,192	13,015	3,184	15,531
Hardware, stoves, and tools	763	807	589	287	11,647	13,403	8,912	3,997	13,926
Chemicals and drugs	1,151	1,422	1,104	664	13,947	18,541	14,990	7,321	11,025
Paints	109	127	95	87	1,546	1,425	1,374	613	7,043
Jewelry and clocks	663	779	410	125	12,885	17,664	7,425	1,874	14,994
Books and papers	218	276	107	118	3,307	4,583	2,902	1,656	14,033
Hats, furs, and gloves	126	210	175	95	1,801	5,413	2,275	923	9,712
All other	4,268	4,332	2,710	1,264	82,360	105,523	64,483	27,978	22,135
Agents, brokers, etc.	1,703	1,919	1,587	1,183	87,499	147,037	89,883	50,899	43,025

Year	Number of failures				Liabilities (in thousands of dollars)			
	Total	Manufacturing	Trading	Agents, brokers, etc.	Total	Manufacturing	Trading	Agents, brokers, etc.
1915	22,156	5,116	16,030	1,010	302,286	112,026	150,234	40,026
1916	16,993	4,196	11,923	874	196,212	73,000	91,374	31,839
1917	13,855	3,691	9,430	734	182,441	79,544	70,117	32,781
1918	9,982	2,766	6,494	722	163,020	73,382	57,911	31,727
1919	6,461	1,865	4,013	573	113,201	51,614	37,679	24,007
1920	8,881	2,635	5,532	714	295,122	127,992	88,558	78,571
1921	19,652	4,495	13,999	1,158	627,402	232,907	254,704	139,700
1922	23,676	5,682	16,923	1,071	623,896	214,925	271,388	137,583
1923	18,718	4,908	13,064	686	539,387	281,316	209,930	48,140
1924	20,615	5,208	14,393	1,014	543,225	236,770	203,190	53,265
1925	21,214	5,090	15,161	963	443,744	167,685	215,369	60,691
1926	21,773	5,395	15,268	1,110	409,232	158,042	201,334	49,856
1927	23,146	5,682	16,082	1,382	520,104	211,505	228,194	80,405
1928	23,842	5,924	16,477	1,441	489,560	182,478	225,301	81,780
1929	22,909	6,007	15,417	1,485	483,250	186,734	224,731	71,784
1930	26,355	6,278	18,393	1,684	668,284	238,639	272,930	156,714

Source: Dun and Bradstreet, Inc., New York, N. Y.

14. PRICES

GENERAL NOTE.—The wholesale price index of the Department of Labor is based on primary market quotations of 784 commodities beginning 1926; a smaller number of commodities was covered in earlier years. In weighting the prices included in the index, the biennial census reports of 1923 and 1925 have been used for most manufactured products and for other products the average for the years 1923 to 1925 where trustworthy information was available as in the case of agricultural products. Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one of the classifications adopted were 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, were included among both farm products and foods. However, in computing the index for all commodities such articles were counted only once.

The retail food index is based on the weighted average quotations (weighted by average family consumption in 1918), secured from retail stores in 51 cities since 1920 (from a smaller number in earlier years) for 22 commodities from 1913 to 1920, and 42 commodities beginning 1921. Prior to August 1933, prices were collected on the 15th of the month; thereafter they were collected every 2 weeks.

The farm price index is based on prices paid to producers for 34 major crops and beginning 1924, also 13 commercial truck crops. Average quotations for the period, August 1909–July 1914, are used as a base, and each price series is weighted by the average annual marketings of farmers in the years 1924 to 1929.

No. 328.—WHOLESALE, RETAIL, AND FARM PRICES: INDEX NUMBERS

Year	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	1926 average=100												
Wholesale prices:													
1920	154.4	157.7	157.1	158.6	165.5	167.2	166.5	165.8	161.4	155.2	144.2	133.4	120.7
1921	97.6	114.0	104.9	102.4	98.9	96.2	93.4	93.4	93.5	93.4	94.1	94.2	92.9
1922	96.7	91.4	92.9	92.8	93.2	96.1	96.3	99.4	98.6	99.3	99.6	100.5	100.7
1923	100.6	102.0	103.3	104.5	103.9	101.9	100.3	98.4	97.8	99.7	99.4	98.4	98.1
1924	98.1	99.6	99.7	98.5	97.3	95.9	94.9	95.6	97.0	97.1	98.2	99.1	101.5
1925	103.5	102.9	104.0	104.2	101.9	101.6	103.0	104.3	103.9	103.4	103.6	104.5	103.4
1926	100.0	103.2	102.0	100.6	100.3	100.5	100.4	99.5	99.1	99.7	99.4	98.4	97.9
1927	95.4	96.5	95.8	94.7	94.1	94.2	94.1	94.3	95.2	96.3	96.6	96.3	96.4
1928	96.7	96.4	95.8	95.5	96.6	97.5	96.7	97.4	97.6	98.6	98.7	95.8	95.8
1929	95.3	95.9	95.4	96.1	95.5	94.7	95.2	96.5	96.3	96.1	95.1	93.5	93.3
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	------	78.8	79.5	79.4	80.1	80.2	79.8	79.4	------	------	------	------	------
	1913 average=100												
Retail food prices:													
1920	203.4	201	200	200	211	215	219	219	207	204	198	193	178
1921	153.3	172	158	156	152	145	144	148	155	153	153	152	150
1922	141.6	142	142	139	139	139	141	142	139	140	143	145	147
1923	146.2	144.4	142.3	141.9	143.1	143.4	144.3	147.2	146.4	149.3	149.8	151.1	150.3
1924	145.9	149.1	147.3	143.7	141.3	141.0	142.4	143.3	144.2	146.8	148.7	150.1	151.5
1925	157.4	154.3	151.4	151.1	150.8	151.6	155.0	159.9	160.4	159.0	161.6	167.1	165.5
1926	160.6	164.3	161.5	159.9	162.4	161.1	159.7	157.0	155.7	158.5	160.0	161.6	161.8
1927	155.4	159.3	156.0	153.8	153.6	155.4	158.5	153.4	152.4	154.0	156.1	156.5	155.9
1928	154.3	155.1	151.6	151.4	152.1	153.8	152.6	152.8	154.2	157.8	156.8	157.3	155.8
1929	156.7	154.6	154.4	153.0	151.6	153.3	154.8	158.5	160.2	160.8	160.5	159.7	158.0
1930	147.1	155.4	153.0	150.1	151.2	150.1	147.9	144.0	143.7	145.6	144.4	141.4	137.2
1931	121.3	132.8	127.0	126.4	124.0	121.0	118.3	119.0	119.7	119.4	119.1	116.7	114.3
1932	102.1	109.8	105.3	105.0	103.7	101.3	100.1	101.0	100.8	100.3	100.4	99.4	98.7
1933	99.7	94.8	90.9	90.5	90.4	93.7	96.7	104.8	106.7	107.0	107.3	106.8	103.9
1934	110.8	105.2	108.3	108.5	107.4	108.2	109.1	109.9	111.8	116.8	115.6	114.9	114.3
1935	------	118.5	122.0	121.7	124.1	124.0	123.0	121.7	------	------	------	------	------
	August 1909–July 1914=100												
Farm prices:[1]													
1920	211	229	228	229	230	244	242	231	213	197	183	165	148
1921	125	142	130	127	118	113	113	116	123	128	134	130	130
1922	132	123	128	130	130	134	136	134	131	129	133	137	143
1923	142	146	144	143	143	141	137	136	137	142	144	147	148
1924	143	148	147	140	139	137	138	130	147	141	147	145	148
1925	156	155	154	156	152	152	156	158	160	155	156	156	155
1926	145	153	152	149	151	150	148	144	141	143	138	138	135
1927	139	133	132	131	131	134	138	139	142	148	148	147	147
1928	149	149	144	145	148	155	150	152	145	149	148	146	147
1929	146	147	145	146	144	142	142	147	152	150	149	145	147
1930	126	145	140	135	136	134	131	120	118	120	113	110	104
1931	87	101	95	97	97	92	86	86	82	80	77	79	75
1932	65	71	68	69	67	63	58	63	65	66	64	62	63
1933	70	60	55	55	58	68	71	83	79	80	78	80	78
1934	90	77	83	84	82	82	86	87	96	103	102	101	101
1935	------	107	111	108	111	108	104	102	------	------	------	------	------

[1] Revised series. Truck crops are included beginning 1924.

Sources: Wholesale and retail prices, Department of Labor; farm prices, Department of Agriculture.

No. 329.—WHOLESALE PRICES BY MAJOR COMMODITY GROUPS: INDEX NUMBERS

NOTE.—See general note, page 291. For indexes for all commodities for prior years see table 330. For index numbers (based on 1923–1925 as 100) showing price changes in farm products and foods compared with all other commodities combined, see table 567, p. 591

[1926=100, except as noted]

Period	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and drugs	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
1891	55.8	54.2	54.8	47.9	54.6	37.0	92.2	44.2	74.0	50.4	94.3
1892	52.2	49.5	51.0	47.2	55.2	34.8	84.0	41.7	74.6	48.1	86.6
1893	53.4	51.3	54.7	45.1	54.1	35.3	76.8	41.6	72.7	48.1	89.0
1894	47.9	44.6	48.2	43.0	46.1	34.3	65.7	39.8	65.5	45.3	86.4
1895	48.8	43.9	47.3	49.4	44.3	40.3	70.4	38.8	64.7	43.5	88.9
1896	46.5	39.6	44.1	45.2	43.1	39.5	71.2	38.9	65.0	43.4	90.2
1897	46.6	42.5	45.5	45.9	42.9	33.9	65.0	37.4	70.9	42.5	92.5
1898	48.5	44.9	47.8	48.3	44.9	34.5	65.3	39.6	77.4	44.0	93.4
1899	52.2	45.8	47.7	49.4	47.7	41.2	100.0	43.6	81.1	45.0	97.4
1900	56.1	50.5	50.8	49.4	53.3	46.3	98.0	46.2	82.1	48.9	102.0
1901	55.3	52.8	50.5	48.9	48.1	44.6	93.1	44.3	84.2	48.9	93.4
1902	58.0	58.4	53.3	50.8	49.4	51.8	91.0	45.3	86.5	49.2	88.1
1903	59.6	55.6	52.0	49.9	52.8	60.3	90.2	46.7	84.1	50.9	98.9
1904	59.7	58.5	54.0	49.7	52.9	53.3	79.9	45.0	84.1	50.3	103.5
1905	60.1	56.4	55.1	53.9	54.1	49.6	89.1	48.1	82.3	49.7	117.4
1906	61.8	57.3	53.4	57.7	58.7	52.0	102.4	54.0	76.8	51.3	115.3
1907	65.2	62.2	57.0	58.0	63.5	54.4	109.8	56.8	78.5	55.0	108.2
1908	62.9	62.2	58.7	55.6	54.8	53.7	86.3	52.0	79.6	51.6	97.8
1909	67.6	69.6	62.8	61.5	56.5	51.6	84.5	53.7	79.9	51.7	129.6
1910	70.4	74.3	64.9	60.2	58.4	47.6	85.2	55.3	82.0	54.0	152.7
1911	64.9	66.8	62.0	58.8	55.5	46.7	80.8	55.3	81.6	52.7	108.6
1912	69.1	72.6	66.8	64.5	55.7	51.4	89.5	55.9	80.7	53.0	106.4
1913	69.8	71.5	64.2	68.1	57.3	61.3	90.8	56.7	80.2	56.3	93.1
1914	68.1	71.2	64.7	70.9	54.6	56.6	80.2	52.7	81.4	56.8	89.9
1915	69.5	71.5	65.4	75.5	54.1	51.8	86.3	53.5	112.0	56.0	86.9
1916	85.5	84.4	75.7	93.4	70.4	74.3	116.5	67.6	160.7	61.4	100.6
1917	117.5	129.0	104.5	123.8	98.7	105.4	150.6	88.2	165.0	74.2	122.1
1918	131.3	148.0	119.1	125.7	137.2	109.2	136.5	98.6	182.3	93.3	134.4
1919	138.6	157.6	129.5	174.1	135.3	104.3	130.9	115.6	157.0	105.9	139.1
1920	154.4	150.7	137.4	171.3	164.8	103.7	149.4	150.1	164.7	141.8	167.5
1921	97.6	88.4	90.6	109.2	94.5	96.8	117.5	97.4	115.0	113.0	109.2
1922	96.7	93.8	87.6	104.6	100.2	107.3	102.9	97.3	100.3	103.5	92.8
1923	100.6	98.6	92.7	104.2	111.3	97.3	109.3	108.7	101.1	108.9	99.7
1924	98.1	100.0	91.0	101.5	106.7	92.0	106.3	102.3	98.9	104.9	93.6
1925	103.5	109.8	100.2	105.3	103.3	96.5	103.2	101.7	101.8	103.1	109.0
1926	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1927	95.4	99.4	96.7	107.7	95.6	88.3	96.3	94.7	96.8	97.5	91.0
1928	96.7	105.9	101.0	121.4	95.5	84.3	97.0	94.1	95.6	95.1	85.4
1929	95.3	104.9	99.9	109.1	90.4	83.0	100.5	95.4	94.2	94.3	82.6
1930	86.4	88.3	90.5	100.0	80.3	78.5	92.1	89.9	89.1	92.7	77.7
1931	73.0	64.8	74.6	86.1	66.3	67.5	84.5	79.2	79.3	84.9	69.8
1932	64.8	48.2	61.0	72.9	54.9	70.3	80.2	71.4	73.5	75.1	64.4
1933	65.9	51.4	60.5	80.9	64.8	66.3	79.8	77.0	72.6	75.8	62.5
1934	74.9	65.3	70.5	86.6	72.9	73.3	86.9	86.2	75.9	81.5	69.7
1934 (1913=100)	*107.3*	*91.3*	*109.8*	*127.2*	*127.2*	*119.6*	*95.7*	*152.0*	*94.6*	*144.8*	*74.9*
1933											
January–March	60.3	42.1	54.7	68.3	51.5	64.2	77.6	70.1	71.4	72.5	59.8
April–June	62.7	49.3	58.9	76.2	56.4	61.1	78.0	72.1	72.8	72.2	59.2
July–September	69.7	58.2	65.1	90.1	73.2	67.1	81.3	81.2	73.0	77.2	64.8
October–December	71.0	55.9	63.7	88.8	76.8	73.5	83.1	84.8	73.3	81.1	65.5
1934											
January	72.2	58.7	64.3	89.5	76.5	73.1	85.5	86.3	74.4	80.8	67.5
February	73.6	61.3	66.7	89.6	76.9	72.4	87.0	86.6	75.5	81.0	68.5
March	73.7	61.3	67.3	88.7	76.5	71.4	87.1	86.4	75.7	81.4	69.3
April	73.3	59.6	66.2	88.9	75.3	71.7	87.9	86.7	75.5	81.6	69.5
May	73.7	59.6	67.1	87.9	73.6	72.5	89.1	87.3	75.4	82.0	69.8
June	74.6	63.3	69.8	87.1	72.7	72.8	87.7	87.8	75.6	82.0	70.2
July	74.8	64.5	70.6	86.3	71.5	73.9	86.8	87.0	75.4	81.6	69.9
August	76.4	69.8	73.9	83.8	70.8	74.6	86.7	85.8	75.7	81.8	70.2
September	77.6	73.4	76.1	84.1	71.1	74.6	86.6	85.6	76.5	81.8	70.2
October	76.5	70.6	74.8	83.8	70.3	74.6	86.3	85.2	77.1	81.7	69.7
November	76.5	70.8	75.1	84.2	69.7	74.4	86.2	85.0	76.9	81.3	70.6
December	76.9	72.0	75.3	85.1	70.0	73.7	85.9	85.1	77.8	81.2	71.0
1935											
January	78.8	77.6	79.9	86.2	70.3	72.9	85.8	84.9	79.3	81.2	70.7
February	79.5	79.1	82.7	86.0	70.1	72.5	85.8	85.0	80.4	80.7	70.1
March	79.4	78.3	81.9	85.4	69.4	73.0	85.7	84.9	81.5	80.7	69.2
April	80.1	80.4	84.5	86.3	69.2	72.8	85.9	84.6	81.0	80.7	68.7
May	80.2	80.6	84.1	86.3	69.4	73.1	86.6	84.8	81.2	80.6	68.7
June	79.8	78.3	82.8	88.9	70.1	74.2	86.9	85.3	80.7	80.5	68.4

Source: Bureau of Labor Statistics, Department of Labor.

No. 330.—WHOLESALE PRICES: INDEX NUMBERS, 1860 TO 1889

NOTE.—1926=100. Indexes are arithmetic averages of unweighted relative prices, published in 1893 by the Committee on Finance, United States Senate, on an 1860 base, recomputed to the 1926 base by the Bureau of Labor Statistics, Department of Labor

Year	General index	Year	General index	Year	General index
1860	61	1870	87	1880	65
1861	61	1871	83	1881	64
1862	72	1872	84	1882	66
1863	90	1873	84	1883	65
1864	116	1874	81	1884	60
1865	132	1875	78	1885	57
1866	116	1876	72	1886	56
1867	105	1877	68	1887	56
1868	98	1878	62	1888	57
1869	94	1879	59	1889	57

No. 331.—WHOLESALE PRICES OF COMMODITY SUBGROUPS: INDEX NUMBERS

NOTE.—1926=100. Each of the 10 groups covered by table 329 is divided into from 2 to 7 subgroups. See also general note p. 291 regarding commodities included in two groups. Prices used in calculating indexes for farm products do not include processing taxes in effect during 1933 to 1935

Subgroup	1913	1923–1925	1929	1931	1932	1933	1934	1933	1934		1935
								Dec.	June	Dec.	June
Grains	71.1	102.3	97.4	53.0	39.4	53.1	74.5	60.4	72.4	91.5	76.9
Livestock and poultry	73.3	85.3	106.1	63.9	48.2	43.4	51.5	38.0	48.3	57.2	84.8
Other farm products	70.8	115.1	106.6	69.2	51.4	55.8	70.5	64.3	69.4	75.1	74.3
Butter, cheese, milk	65.9	99.7	105.6	81.8	61.3	60.7	72.7	65.1	73.0	79.6	74.6
Cereal products	------	------	88.0	73.1	66.4	75.0	88.7	84.7	89.2	92.2	90.5
Fruits and vegetables	------	------	97.8	72.4	58.0	61.7	67.5	63.0	70.1	62.4	68.7
Meats	59.8	81.7	109.1	75.4	56.2	50.0	62.9	46.0	62.2	69.0	94.5
Other foods	65.9	101.4	93.9	69.8	60.7	61.1	66.6	63.4	62.8	74.3	77.2
Boots and shoes	54.5	99.3	106.3	93.7	85.1	90.2	98.1	98.6	98.4	97.2	97.3
Hides and skins	106.8	115.5	112.7	60.2	42.1	67.1	68.6	74.9	70.1	67.4	78.0
Leather	69.1	102.9	113.2	86.2	65.1	71.4	75.0	80.1	75.3	71.8	80.5
Other leather products	50.8	103.4	106.4	101.4	90.1	81.1	86.6	87.6	86.8	85.7	84.4
Clothing	------	------	90.0	75.9	63.0	72.2	82.5	87.9	82.6	78.4	80.7
Cotton goods	58.0	113.9	98.8	66.1	54.0	71.2	86.5	85.5	86.0	84.3	82.5
Knit goods	------	------	88.5	60.9	51.6	58.9	63.2	71.2	62.8	61.9	59.5
Silk and rayon	71.8	112.4	80.4	43.5	31.0	30.6	26.7	29.6	25.0	27.1	27.2
Woolen and worsted goods	53.7	108.2	88.3	68.2	57.7	60.3	79.7	84.3	80.8	74.0	75.6
Other textile products	62.7	89.5	93.1	75.1	67.9	72.5	73.1	75.9	74.8	68.6	68.9
Anthracite	58.9	99.7	90.1	91.1	88.4	82.2	80.1	81.5	76.9	82.3	74.0
Bituminous coal	38.1	103.2	91.3	84.6	82.0	82.8	94.5	90.6	95.0	96.5	96.1
Coke	46.3	104.6	84.5	82.4	77.7	77.9	84.8	83.6	85.0	85.6	88.7
Electricity	------	------	94.5	98.8	104.7	94.3	91.8	94.0	90.6	93.1	90.2
Gas	78.1	103.2	93.1	98.7	101.3	97.5	93.4	92.2	97.5	89.3	95.2
Petroleum products	73.3	87.0	71.3	39.5	45.4	41.0	50.5	51.6	50.6	49.8	53.2
Agricultural implements	72.9	101.6	98.7	92.1	84.9	83.5	89.6	85.1	91.1	92.7	93.6
Iron and steel	70.9	109.6	94.9	83.3	79.4	78.6	86.7	83.6	88.6	85.6	87.1
Motor vehicles	147.5	107.2	106.7	94.8	94.1	90.2	95.9	90.9	95.0	94.6	94.7
Nonferrous metals	88.9	96.6	106.1	61.9	49.8	59.6	67.7	66.6	68.5	67.5	69.1
Plumbing and heating	------	------	95.0	84.7	66.8	67.1	72.6	72.5	75.1	68.8	66.2
Brick and tile	38.9	102.4	94.3	83.6	77.3	79.2	90.2	85.7	91.1	91.2	89.2
Cement	59.6	105.4	91.8	79.4	77.2	86.1	93.2	91.2	93.9	93.9	94.9
Lumber	54.0	103.9	93.8	69.5	58.5	70.7	84.5	88.0	86.3	81.2	81.6
Paint and paint material	50.8	103.4	94.9	79.4	71.1	73.3	79.5	77.5	80.3	78.8	79.8
Plumbing and heating	------	------	95.0	84.7	66.8	67.1	72.6	72.5	75.1	68.8	66.2
Structural steel	77.1	113.4	98.1	83.1	80.9	83.1	90.8	86.8	94.5	92.0	92.0
Other bldg. materials	63.1	103.3	97.7	84.8	79.5	82.7	90.3	88.6	92.0	89.8	90.0
Chemicals	89.4	102.3	99.1	83.0	79.5	79.6	79.6	79.2	78.6	82.2	86.3
Drugs and pharmaceuticals	56.6	96.4	71.5	62.8	57.7	56.3	72.1	59.0	73.1	73.4	74.3
Fertilizer materials	85.5	98.0	92.1	76.8	66.9	65.9	67.1	68.1	67.9	65.3	65.7
Mixed fertilizer	84.3	101.2	97.2	82.0	69.3	64.5	72.5	69.9	73.4	73.7	74.5
Furniture	70.7	109.7	95.0	88.0	75.0	75.1	79.0	79.3	79.0	78.2	77.1
Furnishings	47.9	103.5	93.6	82.2	75.4	76.6	84.1	82.9	85.1	84.2	83.9
Cattle feed	82.2	113.8	121.6	62.7	46.0	57.9	89.4	60.3	86.9	123.1	92.2
Paper and pulp	59.4	102.9	88.9	81.4	75.5	76.6	82.7	82.5	83.5	81.5	79.7
Rubber, crude	170.2	88.5	42.3	12.8	7.3	12.2	26.5	18.0	27.7	26.4	26.0
Auto tires and tubes	207.2	100.2	54.5	46.0	41.1	42.1	44.9	43.2	44.6	47.5	45.0
Other miscellaneous	64.4	100.8	98.4	88.0	83.7	76.2	82.1	79.0	83.1	80.7	80.1

Source of tables 330 and 331: Bureau of Labor Statistics, Department of Labor

No. 332.—WHOLESALE PRICES OF LEADING COMMODITIES

NOTE.—This list is a selection from among the 784 commodities entering into the general index of wholesale prices of the Department of Labor, shown in table 329

Commodity	Unit	Average price						
		1923–1925	1929	1930	1931	1932	1933	1934
I.—FARM PRODUCTS								
Barley, feeding, Chicago	Bushel	0.774	0.815	0.602	0.496	0.398	0.521	0.914
Corn, contract grades, Chicago	do	.944	.941	.827	.531	.313	.408	.652
Corn, No. 3, mixed, Chicago	do	.927	.929	.810	.519	.304	[1].397	[1].648
Oats, No. 2, white, Chicago	do	.473	.456	.397	.278	.209	.294	.466
Rye, No. 2, Chicago	do	.932	1.016	.624	.431	.393	.579	.704
Wheat, No 2, red winter, Chicago	do	1.407	1.304	.983	.665	.531	[1].766	[1].957
Wheat, No 2, hard, Kansas City	do	1.338	1.180	.900	.606	.494	[1].724	[1].932
Wheat, No. 1, northern spring, Minneapolis.	do	1.359	1.276	.984	.739	.605	[1].770	[1]1.026
Cattle, steers, good to choice, Chicago.	100 lbs	10.093	13.493	11.027	8.759	7.799	5.784	7.889
Hogs, fair to choice, light, Chicago	do	9.534	10.666	9.988	6.642	4.117	[1]4.185	[1]4.919
Lambs, western, fair to good, Chicago.	do	14.335	13.719	8.758	6.824	5.363	6.218	6.935
Poultry, live fowls, Chicago	Pound	.218	.273	.219	.187	.149	.113	.136
Cotton, middling, New Orleans	do	.265	.186	.131	.083	.063	[1].085	[1].123
Eggs, firsts, Chicago	Dozen	.339	.354	.270	.201	.177	.157	.194
Eggs, firsts, New York	do	.370	.368	.278	.225	.193	.172	.203
Apples, medium grade, Seattle, Wash.	Box		2.728	2.676	1.926	1.079	.983	1.405
Oranges, choice, California	do	6.209	6.540	7.248	4.929	3.819	2.951	3.509
Hay, alfalfa, Kansas City	Ton	22.199	24.506	21.596	15.716	12.144	11.029	17.389
Hay, timothy, No. 1, Chicago	do	24.055	20.394	19.779	17.529	12.721	12.769	21.896
Milk, fluid, Chicago	100 lbs	3.001	2.955	2.920	2.775	2.182	1.941	2.260
Milk, fluid, New York	do	3.419	3.997	3.848	3.448	2.379	2.432	3.051
Peanuts, Norfolk	Pound	.063	.049	.040	.038	.014	.020	.032
Flaxseed, Minneapolis	Bushel	2.653	2.766	2.353	1.484	1.181	1.580	1.875
Tobacco, leaf, warehouse sales	100 lbs		20.125	17.424	12.203	8.464	[1] 11.647	[1] 15.716
Potatoes, white, Chicago	do	1.645	1.606	2.136	1.210	.801	1.333	1.217
Wool, Ohio, medium grades	Pound	.548	.467	.310	.226	.196	.315	.348
II.—FOODS								
Butter, creamery, extra:								
Chicago	Pound	.437	.437	.353	.271	.201	.208	.248
New York	do	.450	.449	.364	.283	.210	.217	.255
San Francisco	do	.476	.458	.364	.281	.219	.211	.249
Cheese, whole milk, Chicago	do	.219	.221	.182	.141	.120	.117	.129
Milk, evaporated, New York	Case[2]	4.306	4.267	3.846	3.542	2.789	2.808	2.979
Beef, fresh, carcass, steers, Chicago	Pound	.170	.231	.207	.156	.131	.095	.114
Lamb, fresh, Chicago	do	.258	.256	.191	.157	.134	.121	.140
Hams, Chicago	do	.228	.244	.230	.181	.133	.121	.152
Pork, mess, New York	Barrel (200 lbs.)	31.055	30.370	31.125	23.192	17.426	17.438	22.315
Pork, bellies, cured, clear, Chicago	Pound					.052	.056	.103
Pork, fresh (composite price), Chicago.	do	.161	.183	.175	.123	.078	.080	.123
Poultry, Chicago	do		.324	.269	.234	.185	.146	.182
Bread, Chicago	do	.075	.075	.075	.074	.070	.053	.066
Bread, New York	do	.070	.066	.066	.066	.060	.061	.065
Coffee, Rio No. 7, New York	do	.162	.157	.087	.062	.081	.078	.098
Salmon, canned, Alaska, red, No. 1, tall	Doz. cans	2.645	2.709	3.069	2.848	1.859	1.602	1.720
Flour, short patents, winter, Kansas City.	Barrel	7.160	6.535	5.535	4.248	3.654	5.025	6.138
Flour, standard patents, Minneapolis.	do	7.468	6.786	5.626	4.578	4.192	5.683	7.041
Flour, patents, Portland, Oreg	do	7.992	7.176	6.003	4.550	4.609	5.951	6.809
Raisins, seedless, packers	Pound		.046	.044	.053	.048	.038	.045
Bananas, Honduras, New York	Bunch					2.164	2.636	2.760
Lard, prime, contract, New York	Pound	.141	.120	.109	.080	.050	.057	.083
Oleomargarine, standard, uncolored, Chicago.	do	.225	.235	.218	.133	.097	.087	.083
Rice, Blue Rose, New Orleans	do	.054	.038	.040	.031	.022	.028	.040
Salt, American, medium, Chicago	Barrel[3]	2.389	2.214	2.112	2.372	2.347	2.276	2.413
Sugar, granulated, New York	Pound	.071	.051	.047	.044	.040	.043	.044
Sugar, raw, 96°, New York	do	.058	.038	.034	.033	.029	.032	.030
Cottonseed oil, New York	do	.110	.097	.081	.060	.038	.045	.065

[1] Processing tax not included.
[2] Case of 4 dozen 16-ounce cans. Price for 1931 to 1934 computed from price of 14½-ounce cans.
[3] Barrel of 280 pounds.

No. 332.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1929	1930	1931	1932	1933	1934
III.—HIDES AND LEATHER PRODUCTS								
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Hides, packers, heavy, native steers, Chicago.	Pound	0.158	0.171	0.139	0.091	0.061	0.097	0.100
Calfskins, No. 1, country, Chicago	do	.180	.190	.163	.114	.063	.131	.110
Goat skins, Brazil, New York	do	.811	.750	.780	.617	.415	.514	.559
Leather:								
Calf, chrome, B grade, tannery	Sq. ft		.395	.372	.345	.259	.302	.307
Glazed kid, top grade, Boston	do	.681	.725	.692	.600	.436	.459	.521
Side, black, chrome, tanned, B grade, Boston.	do	.266	.288	.238	.204	.162	.194	.188
Sole, oak, scoured backs, Boston	Pound	.480	.529	.452	.365	.291	.309	.290
Shoes:								
Child's, oxford, factory	Pair		1.496	1.306	1.140	.998	.998	1.093
Men's, black calf, lace, oxford	do		3.467	3.325	3.150	3.022	3.289	3.633
Women's, black, 3 eye tie, McKay sewed.	do		2.600	2.375	2.175	1.998	2.181	2.491
IV.—TEXTILE PRODUCTS								
Cotton goods, mill:								
Damask, table, mercerized, mill, 58-inch	Yard		.370	.370	.338	.293	.319	.382
Denims, Mass., 28-inch	do	.233	.181	.147	.114	.091	.123	.148
Drillings, brown, 30-inch	do	.174	.125	.105	.073	.055	.078	.104
Gingham, 27-inch	do	.126	.105	.093	.078	.062	.074	.093
Muslin, bleached, series 1	do	.183	.174	.157	.132	.103	.125	.152
Print cloth, 27-inch	do	.070	.052	.042	.033	.026	.038	.048
Sheeting, bleached, series 1	do	.486	.419	.362	.282	.210	.261	.303
Sheeting, brown, series 2	do	.149	.117	.103	.080	.062	.079	.096
Yarn, carded, white, northern, 22/1's cones.	Pound	.459	.358	.274	.216	.178	.258	.312
Knit goods, mill:								
Hosiery, women's, pure silk	Doz. prs	12.337	9.313	7.890	5.760	4.394	4.954	5.189
Hosiery, men's, silk	do	5.750	3.850	3.567	2.717	2.220	2.352	2.299
Women's union suits, cotton	Dozen		9.500	9.310	8.187	6.445	7.341	7.981
Silk and rayon:								
Rayon, 150 second quality, New York.	Pound	2.136	1.180	1.009	.727	.630	.586	.567
Silk, raw, Japan, 20–22 yellow, New York.	do		4.880	3.486	2.413	1.540	1.573	1.193
Woolen and worsted goods, mill:								
Suiting serge, 15-ounce	Yard	2.478	1.961	1.818	1.586	1.328	1.664	1.861
French serge, 54-inch [4]	do	.776	.975	1.106	.960	.806	.918	1.111
Yarn, fine weaving, 2/50's	Pound	2.469	1.967	1.668	1.442	1.186	1.466	1.664
Thread, 6-cord	Spool	.033	.036	.036	.035	.035	.035	.031
V.—FUEL AND LIGHTING								
Coal, anthracite, chestnut	Ton	13.861	12.886	12.715	12.768	12.184	11.265	10.801
Coal, bituminous, mine run	do	4.976	3.963	3.809	3.736	3.638	3.667	4.131
Coke, Connellsville, furnace	do	4.378	2.780	2.567	2.460	2.123	2.495	3.654
Electricity	100 kwh		1.383	1.430	1.446	1.532	1.380	1.344
Manufactured gas	1,000 cu. ft	1.062	.985	.986	.984	1.013	.991	.975
Petroleum, crude, Kans.-Okla	Barrel	1.519	1.233	1.111	.573	.811	.567	.940
Fuel oil, refinery, Pennsylvania	Gallon	.056	.048	.039	.027	.032	.035	.038
Gasoline, refinery, Pennsylvania	do	.130	.091	.073	.050	.057	.051	.052
VI.—METALS AND PRODUCTS								
Iron ore, non-Bessemer	Ton	4.924	4.443	4.500	4.500	4.500	4.500	4.500
Pig iron, basic, furnace	do	21.873	18.189	17.962	15.837	13.981	15.240	17.892
Pig iron, Bessemer, Pittsburgh	do	24.860	20.538	20.260	18.693	17.121	18.261	20.452
Nails, wire, Pittsburgh	100 lbs	2.948	2.667	2.191	1.978	2.050	2.089	2.623
Pipe, cast-iron, 6-inch, New York	Ton	57.549	36.666	39.315	34.454	30.398	37.764	44.077
Skelp, grooved, Pittsburgh	100 lbs	2.149	1.859	1.730	1.611	1.557	1.600	1.669
Steel billets, rerolling, Pittsburgh	Ton	38.465	34.642	31.808	29.346	26.519	26.000	27.115
Steel plates, tank, Pittsburgh	Pound	.021	.019	.017	.016	.016	.016	.018
Steel rails, open-hearth, mill	Ton	43.000	43.000	43.000	43.000	42.377	39.329	36.375
Steel sheets, No. 27, mill	Pound	.035	.030	.027	.025	.023	.023	.026
Steel, structural, mill	100 lbs	2.220	1.921	1.708	1.627	1.534	1.626	1.777
Tin plate, Pittsburgh	do	5.470	5.350	5.188	4.942	4.712	4.427	5.250
Aluminum, virgin ingot, New York	Pound		.243	.238	.233	.233	.233	.216
Copper, ingot, electrolytic	do	.139	.181	.129	.081	.056	.070	.084
Lead, pig, desilverized, New York	do	.083	.068	.055	.042	.032	.039	.039
Silver, bar, fine, New York	Ounce	.672	.533	.385	.290	.283	.350	.482
Tin, pig, New York	Pound	.502	.452	.315	.244	.219	.394	.523
Zinc, pig, slab, New York	do	.072	.068	.049	.040	.033	.044	.045

[4] For 1923–1925, 35-inch; for 1929, 39-inch.

No. 332.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1929	1930	1931	1932	1933	1934
VI.—METALS, ETC.—continued								
Agricultural implements, factory:		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cultivator	Each	45.313	40.845	39.420	39.420	39.420	39.420	41.484
Harrow, spike, peg tooth	do	16.973	14.824	13.870	13.750	13.390	13.390	14.627
Plow, 2-horse	do	16.599	15.258	14.961	14.686	12.799	12.485	13.262
Separator, cream	do	59.053	60.338	58.230	58.230	55.461	55.100	59.414
Tractor, 10–20 horsepower	do	663.0	680.0	653.0	637.0	602.6	602.6	642.2
Automobiles, passenger, f. o. b. factory.[5]	do	.....	773.0	724.0	689.0	687.0	671.0	719.0
Trucks, f. o. b. factory	do	.....	971.6	904.4	845.2	821.2	750.0	770.8
VII.—BUILDING MATERIALS								
Douglas fir, No. 1, common sheathing, mill.	1,000 ft.	17.972	18.293	14.702	11.649	9.415	14.118	17.631
Oak, plain, white, No. 1, Cincinnati	do	66.200	57.623	52.115	46.308	41.635	44.789	49.115
Pine, white, No. 2, Buffalo	do	59.957	48.453	43.827	44.606	43.250	44.654	44.914
Pine, yellow, flooring, mill	do	.....	.....	35.667	28.229	19.076	26.757	36.653
Pine, yellow, timbers, mill	do	.....	.....	24.271	18.876	14.576	19.183	24.378
Shingles, cedar, red, mill	1,000	.....	.....	.....	1.505	1.469	1.984	2.431
Brick, common, building, plant	do	14.323	13.616	13.052	12.396	10.694	10.530	12.001
Cement, Portland	Barrel	1.838	1.601	1.600	1.393	1.356	1.512	1.637
Linseed oil, raw, New York	Pound	.134	.123	.125	.084	.063	.091	.094
White lead, in oil, New York	do	.141	.138	.139	.133	.120	.110	.110
Glass, plate, 5 to 10 sq. ft., N. Y.	Sq. ft.	.638	.385	.375	.365	.365	.367	.313
Glass, window, single B, works	50 sq. ft.	3.380	3.420	3.420	2.068	2.146	2.530	2.165
Lime, building, plant	Ton	9.586	7.987	7.941	7.672	6.933	7.043	7.238
VIII.—CHEMICALS AND DRUGS								
Acid, sulphuric, 66°, New York	Ton	14.267	15.500	15.500	15.500	15.500	15.500	15.500
Alcohol, denatured, New York	Gallon	.511	.570	.498	.368	.371	.363	.337
Ammonia, anhydrous, New York	Pound	.289	.140	.154	.153	.155	.155	.155
Soda ash, light, 58 per cent, works	100 lbs.	.....	1.345	1.345	1.161	1.132	1.197	1.230
Soda, caustic, New York	do	3.280	2.950	2.950	2.524	2.609	2.762	2.600
Tallow, packer's prime, Chicago	Pound	.088	.085	.062	.039	.032	.034	.042
Alcohol, grain, New York	Gallon	4.802	2.745	2.645	2.502	2.495	2.509	4.289
Phenol, U. S. P., New York	Pound	.201	.138	.147	.143	.143	.143	.143
Superphosphate, Baltimore	Ton	8.732	9.731	8.635	7.755	7.274	6.837	7.789
Nitrate of soda, 95 per cent, N. Y.	100 lbs.	2.526	2.157	2.076	1.981	1.586	1.306	1.324
Sulphate of ammonia, ex vessel, ports	Ton	.....	.....	.....	29.558	20.821	22.637	24.490
Fertilizers, mixed, South Atlantic, 3-8-3, Series II.	do	.....	22.400	21.588	19.125	16.000	14.771	17.347
IX.—HOUSEFURNISHING GOODS[6]								
Blankets, all wool, factory	Pound	.....	1.333	1.267	1.028	.945	1.130	1.343
Carpets, Brussels, factory	Yard	3.036	2.976	2.936	2.490	2.429	2.410	2.478
Sewing machines, electric	Each	73.620	84.600	84.667	80.458	66.111	62.954	63.164
Stoves, gas	do	.....	.....	.....	.....	.....	53.814	51.827
Vacuum cleaners, electric, without attachments, delivered.	do	[7] 20.090	14.725	14.259	13.181	11.760	11.287	12.054
Washing machines, electric, 2-speed, 6-sheet capacity, factory.	do	.....	60.760	54.594	46.977	39.501	37.875	37.125
X.—MISCELLANEOUS								
Bran, Minneapolis	Ton	24.546	26.594	22.063	13.103	9.885	12.567	20.188
Cottonseed meal, prime, Memphis	do	41.020	38.542	31.833	19.646	13.120	17.289	27.548
Middlings, standard, Minneapolis	do	25.850	27.741	22.284	13.051	9.815	13.106	20.507
Paper, newsprint rolls, destination, New York basis.	do	.....	62.00	62.00	57.00	50.39	41.25	40.00
Paper, wrapping, manila, No. 1, jute, New York.	100 lbs.	10.490	9.125	9.125	9.125	9.125	9.125	9.125
Wood pulp, sulphite, domestic, unbleached, mill.	do	2.745	2.535	2.511	2.186	1.571	1.680	2.100
Rubber, plantation, ribbed, N. Y.	Pound	.434	.206	.119	.062	.035	.060	.129
Automobile tires, balloon, factory	Each	.....	11.845	10.958	9.656	8.840	8.649	9.253
Cylinder oil, Oklahoma	Gallon	.168	.266	.274	.153	.174	.175	.191
Neutral oil, Pennsylvania	do	.264	.269	.210	.202	.164	.169	.279
Soap, laundry, Philadelphia	100 cakes	4.807	4.851	4.851	4.851	4.528	4.449	4.067
Starch, laundry, New York	Pound	.056	.058	.057	.053	.046	.042	.052
Tobacco, plug, New York	do	.698	.696	.696	.696	.660	.597	.642
Tobacco, smoking, 1-oz. bag, N. Y.	Gross	8.808	8.320	8.320	7.017	5.120	5.120	5.120
Cigarettes, destination	M	.....	5.398	5.645	5.851	6.042	4.902	5.370

[5] Weighted average price of Buick, Cadillac, Chevrolet, Dodge, Ford, and Packard cars.
[6] Owing to frequent changes in patterns announced by manufacturers, prices of individual articles of furniture are only roughly comparable from year to year and are not shown.
[7] Average for 1924 and 1925.

Source: Bureau of Labor Statistics, Department of Labor.

No. 333.—WHOLESALE PRICES: INDEX NUMBERS

NOTE.—Figures in boxes indicate number of quotations. Bradstreet's index is the sum of the prices per pound of the 96 commodities. Dun's is weighted by the amount "annually consumed by each inhabitant." Indexes of the National Bureau of Economic Research for 1913 to 1928 are unweighted geometric means for approximately 490 commodities; for subsequent years, they are weighted arithmetic means for over 800 commodities, the weights being based upon the average value of production in 1927 and 1931. For method of computing the Department of Labor index see general note, p. 291

Year	Bradstreet's index (1928=100)	Dun's index (1926=100)	Department of Labor (1926=100)				National Bureau of Economic Research (1929=100)		
			All commodities	Raw materials	Semi-manufactured articles	Finished products	All commodities [2]	Producers' goods	Consumers' goods
	96	300	784 [1]	109 [1]	93 [1]	582 [1]			
1913	70.9	64.3	69.8	68.8	74.9	69.4	67.4	71.0	62.4
1914	68.9	64.8	68.1	67.6	70.0	67.8	66.2	68.4	62.9
1915	77.4	67.6	69.5	67.2	81.2	68.9	69.3	74.1	62.7
1916	93.3	80.3	85.5	82.6	118.3	82.3	87.1	98.4	72.7
1917	123.8	110.5	117.5	122.6	150.4	109.2	115.4	127.9	99.0
1918	145.2	121.9	131.3	135.8	153.8	124.7	132.0	141.2	119.0
1919	145.6	123.2	138.6	145.9	157.9	130.6	137.2	142.1	129.7
1920	140.6	129.3	154.4	151.8	198.2	149.8	153.7	161.4	142.5
1921	87.2	89.1	97.6	88.3	96.1	103.3	101.6	101.6	101.4
1922	95.3	92.3	96.7	96.0	98.9	96.5	100.0	102.2	96.6
1923	103.5	100.8	100.6	98.5	118.6	99.2	105.5	110.4	98.7
1924	100.0	100.9	98.1	97.6	108.7	96.3	103.5	106.5	99.2
1925	108.0	104.6	103.5	106.7	105.3	100.6	107.7	108.6	106.1
1926	100.0	100.0	100.0	100.0	100.0	100.0	103.4	103.8	102.7
1927	99.4	99.4	95.4	96.5	94.3	95.0	100.1	100.4	99.5
1928	102.4	103.1	96.7	99.1	94.5	95.9	101.3	101.6	100.8
1929	97.3	101.0	95.3	97.5	93.9	94.5	100.0	100.0	100.0
1930	81.8	91.3	86.4	84.3	81.8	88.0	90.5	88.5	93.3
1931	66.6	77.3	73.0	65.6	69.0	77.0	78.5	73.2	80.7
1932	54.3	70.7	64.8	55.1	59.3	70.3	67.5	64.9	70.8
1933	62.1	78.1	65.9	56.5	65.4	70.5	69.6	68.4	71.2
1934	71.8	88.5	74.9	68.6	72.8	78.2	79.1	78.6	79.6

[1] Beginning 1926. In earlier years a smaller number of commodities was included. [2] See headnote.

No. 334.—COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS IN THE UNITED STATES: INDEX NUMBERS, REVISED SERIES

NOTE.—1923–1925 average=100. Figures for food represent 51 cities since 1920 and a smaller number in earlier years; other figures, 19 cities from 1913 to 1917, and 32 cities thereafter. Totals weighted by relative importance of items as ascertained by country-wide study of cost of living made in 1918–19.

Date	All items	Food	Clothing	Rent	Fuel and light	House furnishings	Miscellaneous
1913—Average	57.4	63.1	55.7	61.4	54.0	47.7	50.1
1914—December	58.9	66.3	56.3	61.4	54.5	49.6	51.6
1915—December	60.1	66.3	58.3	62.3	54.5	52.8	53.9
1916—December	66.9	79.5	66.9	62.8	58.5	61.0	56.8
1917—December	79.4	99.1	83.1	61.5	67.0	71.8	70.4
1918—December	95.8	118.2	118.9	64.7	78.8	97.8	81.9
1919—June	98.2	117.3	128.8	67.3	77.9	104.0	84.3
December	109.8	126.4	159.5	73.1	82.7	123.0	92.9
1920—June	121.3	146.1	168.6	79.4	91.4	137.0	99.2
December	112.2	115.7	151.0	87.5	103.7	132.8	103.2
1921—May	102.8	95.8	129.8	92.7	98.4	114.3	103.2
September	101.7	102.1	112.2	93.3	98.1	103.2	102.5
December	100.3	99.7	107.2	94.8	99.0	100.4	102.0
1922—March	96.8	93.5	102.4	94.6	96.1	95.0	100.4
June	97.0	95.6	100.4	95.0	95.7	93.2	99.5
September	96.4	93.3	99.3	95.2	100.8	93.4	99.2
December	97.7	96.7	99.4	95.8	102.1	96.3	98.9
1923—March	97.5	94.6	100.8	96.3	101.3	100.7	99.0
June	98.6	97.2	101.1	97.3	98.7	102.8	99.1
September	100.1	100.6	101.9	98.2	99.8	102.9	99.6
December	100.2	99.5	101.8	99.7	101.1	102.9	100.0
1924—March	99.0	95.9	101.5	100.2	99.9	102.1	99.7
June	98.9	96.0	100.6	101.5	97.6	99.4	99.8
September	99.2	97.3	99.5	101.4	98.9	98.6	99.8
December	100.0	99.5	98.9	101.7	99.5	99.1	100.2
1925—June	101.4	104.2	98.5	101.4	98.0	97.9	100.8
December	104.0	111.1	97.9	101.3	105.9	97.8	101.1
1926—June	102.5	108.9	97.1	100.4	100.0	95.8	101.0
December	102.3	108.1	96.2	100.0	103.4	94.7	101.4

No. 334.—Cost of Goods Purchased by Wage Earners and Lower-salaried Workers in the United States: Index Numbers, Revised Series—Contd.

Date	All items	Food	Clothing	Rent	Fuel and light	House furnishings	Miscellaneous
1927—June	101.9	103.7	95.3	99.0	99.8	93.4	101.7
December	100.4	104.7	94.0	97.9	101.0	93.0	102.1
1928—June	99.2	102.5	93.8	96.5	98.1	91.1	102.1
December	99.4	103.2	93.3	95.5	100.0	90.5	102.8
1929—June	99.1	103.7	92.8	94.3	97.3	90.2	103.0
December	99.7	105.7	92.2	93.3	99.5	89.9	103.4
1930—June	97.7	101.2	91.5	92.0	96.2	88.8	103.7
December	93.9	92.1	88.1	90.1	98.4	85.1	103.4
1931—June	88.3	80.6	83.4	87.3	94.1	79.3	102.8
December	85.1	76.2	77.6	83.9	95.6	74.9	101.8
1932—June	79.7	67.6	73.5	78.5	89.1	68.4	100.4
December	76.6	64.7	69.5	72.7	90.1	65.6	98.8
1933—June	74.5	64.9	68.4	66.8	85.2	65.8	96.4
December	77.2	69.4	76.2	63.9	90.3	73.5	96.8
1934—June	78.3	73.3	77.9	62.7	88.0	75.0	96.6
November	76.0	75.2	77.8	62.7	89.3	75.5	96.7
1935—March	80.5	79.7	78.0	62.6	89.6	76.0	96.8
July	80.4	80.3	77.8	62.7	85.2	76.2	96.7

No. 335.—COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS IN PRINCIPAL CITIES: Index Numbers, Revised Series

[1923–1925 average=100]

City	Index of total cost of goods purchased for—							Index, March 1935, for—					
	Dec. 1926	Dec. 1928	Dec. 1930	Dec. 1932	Dec. 1933	Nov. 1934	Mar. 1935	Food	Clothing	Housing	Fuel and light	House furnishing goods	Miscellaneous
United States (32 cities)[1]	102.3	99.4	93.9	76.6	77.2	79.0	80.5	79.7	78.0	62.6	89.6	76.0	96.8
Atlanta	100.9	98.7	89.9	71.9	74.7	77.1	78.4	76.8	80.5	50.0	72.0	84.9	92.2
Baltimore	102.5	99.1	95.8	79.9	81.4	82.9	83.9	81.8	78.7	70.1	87.1	74.3	103.6
Birmingham	102.1	97.5	89.3	68.5	70.2	73.4	73.6	70.7	82.3	44.0	81.3	74.1	91.5
Boston	103.5	100.9	95.9	78.6	79.7	82.0	82.9	76.6	83.3	76.5	88.5	70.3	98.6
Buffalo	103.7	101.0	95.6	78.4	78.8	79.9	81.6	79.2	75.7	64.2	100.7	79.6	99.0
Chicago	102.9	99.3	93.5	73.4	72.4	73.5	76.2	81.8	71.8	49.8	89.2	68.4	98.5
Cincinnati	104.6	102.0	98.8	79.7	80.5	82.2	85.1	83.2	77.2	72.8	108.1	82.9	96.5
Cleveland	101.8	98.1	93.3	76.4	77.2	78.8	81.3	79.3	79.4	56.9	99.7	74.8	102.6
Denver	100.2	96.3	91.1	75.5	76.1	79.0	81.2	85.7	76.4	55.3	78.2	82.5	97.6
Detroit	100.4	96.3	88.3	67.9	69.1	71.9	74.2	78.8	77.9	48.0	81.5	75.6	90.1
Houston	100.4	97.6	91.3	72.2	75.5	78.3	79.3	77.7	73.4	63.6	74.1	80.3	95.6
Indianapolis	101.2	97.4	91.9	73.9	75.5	76.5	78.9	77.5	74.2	55.7	89.9	79.1	94.6
Jacksonville	107.7	98.2	90.6	73.5	75.5	77.2	77.8	74.1	78.3	54.0	90.9	78.6	91.0
Kansas City	99.6	95.6	92.6	76.9	76.7	79.2	80.4	81.5	76.0	58.1	82.6	74.0	97.9
Los Angeles	96.9	95.6	88.6	73.5	72.5	74.1	75.4	74.6	80.9	44.3	103.1	73.0	91.5
Memphis	100.0	97.0	91.3	73.8	76.1	78.3	79.5	78.6	83.5	53.2	86.6	83.1	95.5
Minneapolis	100.9	97.6	94.0	78.2	78.2	79.6	81.3	84.2	76.8	62.6	93.1	78.9	94.1
Mobile	104.0	101.8	95.5	77.0	79.2	81.0	82.2	75.7	86.6	63.0	71.9	81.0	100.1
New Orleans	101.0	99.6	92.6	77.6	79.1	81.0	82.0	83.4	75.6	71.1	78.7	81.4	90.9
New York	102.7	101.1	96.5	81.0	80.5	82.1	83.6	80.9	78.4	75.5	92.0	72.6	98.2
Norfolk	101.4	99.9	95.4	78.7	80.9	82.9	83.9	79.4	84.1	62.8	84.1	80.7	103.0
Philadelphia	104.5	99.6	94.3	76.8	78.4	79.6	80.4	80.3	73.7	65.2	85.5	74.8	95.3
Pittsburgh	103.2	101.0	93.8	76.0	76.0	77.8	79.2	78.1	76.6	60.8	99.2	75.2	96.0
Portland, Maine	101.8	100.0	95.4	79.9	82.5	84.4	84.6	77.4	80.8	77.7	88.4	85.2	103.3
Portland, Oreg.	99.1	96.3	89.6	75.2	74.4	77.5	78.8	77.7	77.4	51.0	82.4	77.4	97.4
Richmond	102.9	98.5	93.5	76.1	79.9	81.7	82.9	75.4	83.3	68.7	81.5	86.7	99.5
St. Louis	103.7	99.8	94.7	76.4	77.0	79.4	81.4	83.6	77.9	55.2	91.3	80.3	100.3
San Francisco	101.3	100.9	95.0	80.7	81.3	83.9	84.3	82.3	85.5	70.0	82.2	78.0	98.1
Savannah	101.6	99.8	93.2	76.7	78.3	79.4	80.0	78.1	81.5	58.6	82.7	81.5	94.8
Scranton	103.8	101.9	95.2	78.0	80.0	80.6	81.9	75.9	79.4	74.3	82.4	83.5	98.1
Seattle	100.6	98.6	93.4	78.6	79.2	80.9	82.2	80.1	81.9	60.7	91.5	82.7	95.7
Washington, D. C.	102.5	98.6	94.7	79.1	81.8	83.9	85.3	82.6	76.6	84.2	87.2	78.4	97.1

[1] Index numbers for food based on prices for 51 cities.

Source of tables 334 and 335: Bureau of Labor Statistics, Department of Labor.

No. 336.—RETAIL FOOD PRICES IN THE UNITED STATES: INDEX NUMBERS

NOTE.—1913 average=100. The principal commodities used in this index are listed in table 338. For index numbers for individual cities see table 337

Year	Index numbers of—		Year	Index numbers of—		Year	Index numbers of—	
	Retail price of food	Purchasing power of the dollar measured in food		Retail price of food	Purchasing power of the dollar measured in food		Retail price of food	Purchasing power of the dollar measured in food
1890	70	143	1905	76	132	1920	203	49
1891	71	141	1906	79	127	1921	153	65
1892	69	145	1907	82	122	1922	142	70
1893	71	141	1908	84	119	1923	146	68
1894	68	147	1909	89	112	1924	146	68
1895	67	149	1910	93	108	1925	157	64
1896	65	154	1911	92	109	1926	161	62
1897	65	154	1912	98	102	1927	155	64
1898	67	149	1913	100	100	1928	154	65
1899	68	147	1914	102	98	1929	157	64
1900	69	145	1915	101	99	1930	147	68
1901	72	139	1916	114	88	1931	121	82
1902	75	133	1917	146	68	1932	102	98
1903	75	133	1918	168	60	1933	100	100
1904	76	132	1919	186	54	1934	111	90

No. 337.—RETAIL FOOD PRICES IN PRINCIPAL CITIES: INDEX NUMBERS

NOTE.—1913 average=100. For average for all cities see table 336. See headnote, table 338

City	1916	1920	1925	1930	1931	1932	1933	1934	1934				1935
									Mar.	June	Sept.	Dec.	Mar.
Atlanta, Ga	108	202	158	147	121	100	97	108	105	106	115	114	119
Baltimore, Md	113	207	164	151	127	106	104	118	116	115	124	121	129
Birmingham, Ala	116	209	165	150	120	101	98	110	105	104	117	114	118
Boston, Mass	112	203	158	151	124	103	101	111	108	110	116	111	119
Buffalo, N. Y	115	210	162	151	124	105	104	116	115	115	121	118	126
Charleston, S. C	108	207	159	151	126	106	100	110	109	107	115	115	119
Chicago, Ill	114	207	166	159	134	111	104	114	111	113	120	117	130
Cincinnati, Ohio	112	203	157	150	129	101	100	112	108	109	116	116	128
Cleveland, Ohio	114	208	156	144	116	97	96	109	106	106	115	110	121
Dallas, Tex	111	197	156	146	117	97	96	108	104	105	115	115	114
Denver, Colo	112	195	143	132	110	96	95	105	100	104	110	111	116
Detroit, Mich	114	215	165	150	122	96	98	112	108	114	118	113	127
Fall River, Mass	112	204	153	145	118	101	98	110	106	208	116	111	117
Indianapolis, Ind	114	202	151	146	116	97	94	105	104	104	110	108	115
Jacksonville, Fla	108	192	153	138	114	94	91	103	98	100	109	109	111
Kansas City, Mo	114	206	155	144	121	100	99	111	107	108	118	115	121
Little Rock, Ark	110	195	149	143	113	91	89	103	100	97	111	108	115
Los Angeles, Calif	102	184	149	134	110	93	93	98	94	94	103	105	113
Louisville, Ky	110	197	154	143	114	95	96	108	105	105	112	113	121
Manchester, N. H	113	206	152	145	121	102	101	114	109	109	117	114	122
Memphis, Tenn	111	204	150	142	112	95	92	105	102	102	112	109	118
Milwaukee, Wis	115	209	157	150	124	105	102	116	111	111	119	118	125
Minneapolis, Minn	114	208	154	148	123	101	98	113	109	113	120	116	126
Newark, N. J	111	195	151	143	123	106	100	113	110	111	116	115	122
New Haven, Conn	115	201	155	149	128	110	104	118	114	115	123	116	122
New Orleans, La	112	200	156	146	118	104	99	111	109	106	116	116	125
New York, N. Y	112	204	160	150	128	110	106	118	116	119	121	120	126
Omaha, Nebr	115	210	155	141	114	95	93	107	104	105	114	112	122
Philadelphia, Pa	113	201	159	149	128	106	102	119	117	117	123	119	125
Pittsburgh, Pa	112	202	158	147	122	100	97	111	109	110	113	115	120
Portland, Oreg	104	187	142	133	109	96	91	101	96	97	105	104	110
Providence, R. I	114	209	158	149	123	104	102	112	109	108	118	113	120
Richmond, Va	114	214	166	153	125	105	102	116	113	114	124	120	127
St. Louis, Mo	114	213	160	151	124	103	101	114	112	112	122	118	126
Salt Lake City, Utah	111	185	140	127	106	88	87	96	94	94	100	101	111
San Francisco, Calif	105	189	155	147	122	107	105	114	111	111	117	118	126
Scranton, Pa	112	208	161	154	128	108	106	115	116	115	121	117	122
Seattle, Wash	105	190	150	140	117	102	99	107	105	103	110	111	119
Washington, D. C	112	208	165	154	131	108	106	118	115	117	126	123	131

Source of tables 336 and 337: Bureau of Labor Statistics, Department of Labor.

No. 338.—RETAIL PRICES OF PRINCIPAL ARTICLES OF FOOD IN THE UNITED STATES: ACTUAL AND RELATIVE

NOTE.—For index numbers 1913 average = 100. Data are averages of prices as reported by retail dealers in 51 of the larger cities since the year 1920 and in a smaller number of cities for earlier years (39 in 1913). Prior to August, 1933, prices were collected as of the 15th of each month, thereafter every 2 weeks. For months of 1934 and 1935, data are as of the date nearest the 15th of the month

Year or month	Sirloin steak		Round steak		Rib roast		Pork chops		Bacon		Lard	
	Per lb.		*Per lb.*		*Per lb.*		*Per lb.*		*Per lb.*		*Per lb.*	
1891–1895	------	------	$0.123	56	------	------	$0.112	53	$0.132	49	$0.100	63
1896–1900	------	------	.127	57	------	------	.111	53	.132	49	.091	58
1901–1905	------	------	.141	63	------	------	.137	65	.176	65	.116	73
1906–1910	[1]$0.192	76	.159	71	[1]$0.159	80	.167	80	.217	80	.136	86
1911–1915	.241	95	.213	96	.191	96	.201	96	.261	97	.150	95
1916–1920	.366	144	.338	152	.285	144	.356	170	.461	171	.290	184
1921–1925	.391	154	.337	151	.287	145	.331	158	.412	153	.190	120
1926–1930	.456	180	.401	180	.335	169	.368	175	.455	168	.190	121
1929	.500	197	.444	199	.367	185	.369	176	.436	161	.183	116
1930	.464	183	.412	185	.342	173	.359	171	.423	157	.170	108
1931	.304	155	.344	154	.289	146	.291	139	.364	135	.133	84
1932	.333	131	.289	130	.241	122	.212	101	.241	89	.088	56
1933	.290	114	.252	113	.209	106	.196	93	.223	83	.090	57
1934	.313	123	.274	123	.221	112	.250	119	.289	107	.117	74
March	*.288*	*113*	*.250*	*112*	*.205*	*104*	*.246*	*117*	*.251*	*93*	*.102*	*65*
June	.320	126	.282	126	.224	113	.245	117	.274	101	.103	65
September	.348	137	.308	138	.243	123	.324	154	.346	128	.144	91
December	.313	123	.274	123	.228	115	.243	116	.334	124	.156	99
1935:												
March	.393	155	.351	157	.294	149	.331	158	.375	139	.186	118

Year or month	Hens		Eggs		Butter		Cheese		Milk		Bread	
	Per lb.		*Per doz.*		*Per lb.*		*Per lb.*		*Per qt.*		*Per lb.*	
1891–1895	$0.136	64	$0.214	62	$0.268	70	------	------	$0.068	76	------	------
1896–1900	.131	62	.199	58	.247	64	------	------	.067	75	------	------
1901–1905	.154	72	.254	74	.281	73	------	------	.071	80	------	------
1906–1910	.182	85	.304	88	.333	87	------	------	.079	89	------	------
1911–1915	.206	97	.341	99	.363	95	[2]$0.227	103	.088	99	[2]$0.063	113
1916–1920	.351	165	.547	158	.567	148	.358	162	.133	149	.096	171
1921–1925	.365	171	.483	140	.528	137	.352	159	.139	156	.091	163
1926–1930	.377	177	.480	138	.533	139	.372	168	.141	159	.091	162
1929	.397	186	.490	142	.551	144	.380	172	.143	161	.090	161
1930	.355	167	.410	119	.461	120	.351	159	.140	157	.087	155
1931	.310	146	.317	92	.354	92	.281	127	.123	138	.076	136
1932	.246	116	.272	79	.274	72	.230	104	.109	123	.068	121
1933	.209	98	.261	76	.273	71	.225	102	.106	119	.071	127
1934	.242	114	.299	87	.310	81	.237	107	.113	127	.082	146
March	.240	113	.247	72	.319	83	.241	109	.111	125	.079	141
June	.242	114	.246	71	.303	79	.236	107	.112	126	.081	145
September	.251	118	.343	99	.329	86	.244	110	.115	129	.084	150
December	.245	115	.373	108	.354	92	.241	109	.117	131	.083	148
1935:												
March	.282	132	.292	85	.379	99	.265	120	.119	134	.083	148

Year or month	Flour		Corn meal		Rice		Potatoes		Sugar		Coffee	
	Per ½ bbl. bag		*Per lb.*		*Per lb.*		*Per pk.*		*Per lb.*		*Per lb.*	
1891–1895	$0.637	79	$0.020	67	------	------	$0.235	92	$0.057	104	------	------
1896–1900	.639	79	.018	60	------	------	.211	83	.058	105	------	------
1901–1905	.687	85	.022	73	------	------	.263	103	.058	105	------	------
1906–1910	.807	100	.027	90	------	------	.271	106	.059	107	------	------
1911–1915	.872	108	.031	103	[2]$0.089	102	.282	111	.061	111	[2]$0.268	100
1916–1920	1.637	202	.058	193	.130	140	.609	239	.115	209	.362	121
1921–1925	1.303	161	.045	151	.099	114	.453	178	.084	152	.410	138
1926–1930	1.309	162	.052	175	.103	118	.546	214	.068	124	.476	160
1929	1.250	154	.053	177	.097	112	.480	188	.066	120	.491	165
1930	1.152	142	.053	177	.095	109	.540	212	.062	113	.406	136
1931	.852	109	.046	153	.082	94	.345	135	.057	104	.338	113
1932	.784	97	.038	127	.067	77	.255	100	.051	93	.302	101
1933	.956	118	.037	123	.062	71	.345	135	.054	98	.271	91
1934	1.200	149	.045	150	.080	92	.345	135	.056	102	.294	92
March	1.176	146	.043	143	.078	90	.435	171	.054	98	.270	91
June	1.201	148	.044	147	.081	93	.345	135	.054	98	.276	93
September	*1.250*	*155*	*.048*	*153*	*.083*	*95*	*.315*	*124*	*.057*	*104*	*.277*	*93*
December	1.250	155	.048	160	.081	93	.255	100	.055	100	.279	94
1935:												
March	1.225	152	.051	170	.082	94	.255	100	.054	98	.274	92

[1] 1907–1910. [2] 1913–1915.

Source: Bureau of Labor Statistics, Department of Labor.

No. 339.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT DOMESTIC ARTICLES EXPORTED FROM THE UNITED STATES

NOTE.—The values of the goods are required by law to represent their market value at the port of exportation. The headnote to table 340 also applies to this table

Year ended—	Bacon, hams, and shoulders, per pound	Pork, pickled, per pound	Eggs, per dozen	Milk: Condensed and evaporated, per pound	Butter, per pound	Cheese, per pound	Lard, per pound	Sole leather, per pound	Corn, per bushel	Rye, per bushel	Wheat, per bushel	Wheat flour, per barrel	Oil cake, and oil cake meal, per pound	Cottonseed oil, per pound	Sugar, per pound	Rosin, per barrel [1]	Spirits of turpentine, per gallon	Tobacco, leaf, per pound	Cotton, per pound [3]	Boards, planks, and scantlings, per M feet: Softwoods [4]	Boards, planks, and scantlings, per M feet: Hardwoods [4]	Coal: Anthracite, per ton	Coal: Bituminous, per ton	Petroleum, crude, per gallon	Gasoline, naphtha, etc., per gallon	Kerosene, per gallon	Tin plate and terneplate, per pound	Wire nails, per pound	Wire, per pound	Copper, refined, per pound
June 30—	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Dols.	Dols.	Dols.	Dols.	Cts.	Cts.	Cts.	Dols.	Dols.	Cts.	Cts.	Dols.	Dols.	Dols.	Dols.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1907	10.9	9.1	22.1	-----	19.4	11.6	9.2	22.0	0.53	0.75	0.79	3.99	1.3	[5]5.4	3.9	4.42	0.65	10.0	10.7	-----	-----	4.90	2.56	5.2	10.4	6.3	3.9	2.3	2.3	21.4
1908	10.9	8.9	20.3	-----	21.8	12.9	9.1	21.1	.65	.90	.99	4.61	1.3	[5]5.6	3.8	4.20	.52	10.6	11.5	-----	-----	4.88	2.58	4.8	11.0	6.8	3.9	2.5	2.5	14.3
1909	10.8	8.8	23.0	-----	21.2	12.6	10.0	20.9	.70	.82	1.02	4.86	1.3	[5]5.4	3.5	3.69	.40	10.9	9.4	-----	-----	4.97	2.55	4.1	9.1	6.6	3.5	2.2	2.3	13.2
1910	12.1	11.0	23.7	7.7	25.0	15.5	11.9	21.7	.69	.77	1.02	5.27	1.4	6.6	4.3	4.55	.56	10.8	14.0	-----	-----	4.94	2.49	3.1	8.1	6.2	3.5	2.1	2.4	13.1
1911	13.3	10.8	20.9	7.7	21.7	12.4	11.0	21.5	.56	.95	.93	4.88	1.4	7.6	4.1	6.42	.73	11.1	14.5	-----	-----	4.99	2.48	2.9	8.5	5.6	3.5	2.1	2.3	12.5
1912	12.1	9.5	22.0	8.0	24.1	14.2	9.8	22.0	.72	.87	.94	4.63	1.4	6.0	4.6	6.65	.51	11.5	10.2	-----	-----	5.11	2.54	3.3	9.0	5.7	3.4	2.0	2.2	13.5
1913	13.1	10.6	21.5	8.7	24.3	17.0	11.2	24.0	.59	.69	.97	4.67	1.4	6.6	3.8	6.19	.42	11.9	12.0	-----	-----	5.30	2.52	3.9	13.7	6.3	3.5	2.1	2.1	16.4
1914	13.8	10.8	23.1	8.3	23.8	17.1	11.3	25.6	.75	.70	.95	4.61	1.4	7.2	3.6	4.64	.43	12.1	12.8	-----	-----	5.27	2.49	4.7	14.2	6.4	3.4	2.1	2.1	14.9
1915	13.9	10.8	24.1	8.2	24.3	15.3	11.0	29.7	.81	1.17	1.28	5.86	1.4	6.9	4.7	4.53	.47	12.8	8.7	-----	-----	5.27	2.53	3.2	11.1	6.0	3.2	2.0	2.2	14.2
1916	13.9	10.6	23.2	8.0	26.6	16.7	11.2	34.8	.81	1.06	1.24	5.63	1.6	8.5	4.9	5.65	.47	12.1	12.3	-----	-----	5.25	2.43	3.5	15.5	6.4	3.6	2.6	2.9	22.5
1917	17.9	14.8	30.4	9.7	32.6	23.1	17.3	43.6	1.12	1.63	1.99	7.80	1.8	12.5	6.2	6.53	.49	14.7	18.2	-----	-----	5.56	2.94	4.1	20.7	6.6	5.4	3.8	3.9	28.6
1918	26.7	22.7	37.8	12.9	38.6	24.3	25.0	53.8	1.84	1.99	2.37	11.19	2.5	18.2	6.7	7.36	.53	24.1	29.4	-----	-----	6.16	3.89	5.0	24.3	8.9	10.3	5.1	5.1	28.1
Dec. 31—																														
1919	31.5	25.3	48.5	14.3	50.7	37.8	31.3	44.7	1.66	1.88	2.41	11.09	3.3	21.2	7.8	16.39	.98	33.9	33.9	39.52	74.96	8.25	4.66	6.0	24.7	12.2	8.1	5.3	5.5	21.8
1920	25.2	19.8	50.6	15.6	58.0	31.0	23.4	53.4	1.49	2.14	2.73	11.31	3.1	18.9	10.3	16.72	1.54	52.4	36.0	52.96	120.10	9.44	8.85	8.6	27.4	15.3	8.0	5.7	5.8	19.6
1921	17.9	12.8	32.5	12.5	40.8	23.1	13.0	34.5	.72	1.48	1.55	7.01	2.0	9.6	5.2	5.19	.65	39.7	16.2	32.29	80.45	10.92	5.94	5.4	24.6	12.5	7.2	5.0	5.5	13.3
1922	17.3	12.1	26.3	10.0	37.2	24.9	11.9	24.6	.70	.97	1.25	5.69	2.1	9.7	3.8	5.25	1.08	33.9	21.6	31.05	71.00	10.72	5.95	4.4	21.9	9.3	4.6	3.3	3.4	13.6
1923	14.4	11.7	27.5	11.3	43.9	26.2	12.6	26.5	.87	.91	1.18	5.40	2.2	10.6	6.5	5.14	1.07	32.1	29.6	40.11	75.53	10.91	5.46	3.2	16.3	9.0	5.3	4.0	3.9	15.1
1924	14.2	11.9	26.5	10.7	41.5	26.0	13.3	22.6	.97	1.10	1.43	5.70	2.1	10.6	5.5	5.30	.88	29.8	27.7	34.78	71.74	11.17	4.65	3.6	14.1	9.7	5.4	4.0	3.6	13.7
1925	20.1	16.0	30.1	11.7	45.1	26.3	17.1	25.9	1.12	1.30	1.72	7.65	2.1	10.4	3.7	9.02	.98	32.7	24.5	36.12	71.12	11.19	4.39	4.4	15.3	9.5	5.1	3.8	3.4	14.5
1926	21.6	16.5	28.8	12.1	46.1	28.6	15.5	28.6	.86	1.03	1.46	7.02	1.8	10.0	3.5	12.61	.92	28.5	17.5	33.18	70.90	11.42	4.95	4.4	14.8	10.9	5.1	3.4	3.4	14.2
1927	18.4	14.3	27.0	12.3	46.3	30.1	13.5	32.0	.85	1.10	1.42	6.65	1.9	8.7	4.1	9.36	.60	27.5	17.3	33.01	67.90	11.09	4.44	3.9	11.5	9.8	5.1	3.4	3.2	13.6
1928	16.5	14.2	30.4	12.2	47.7	30.7	13.0	36.3	1.02	1.20	1.25	6.23	2.3	9.0	3.5	8.40	.53	26.8	20.4	31.20	63.68	10.96	4.12	3.4	10.7	10.2	4.7	2.9	3.0	14.8
1929	17.9	14.3	35.8	12.1	47.0	27.8	12.7	27.5	1.01	1.05	1.24	5.91	2.2	9.2	3.0	7.96	.52	26.2	19.7	32.27	66.45	10.71	4.22	3.4	10.6	10.1	4.9	3.0	3.2	18.0
1930	17.8	13.7	27.2	11.5	41.7	25.7	11.4	22.4	.94	.88	1.00	5.31	1.9	8.5	2.4	6.32	.44	25.8	14.4	29.45	62.50	10.76	4.17	3.2	9.4	9.0	5.0	2.8	3.0	13.4
1931	14.3	10.0	22.7	10.5	32.1	22.4	9.0	17.6	.69	.49	.62	3.57	1.2	7.7	2.1	4.25	.39	21.8	9.0	22.91	50.96	10.75	4.01	1.9	5.9	6.6	4.1	2.4	2.6	9.4
1932	9.7	6.8	21.7	8.5	24.4	18.3	5.8	15.9	.36	.50	.60	3.19	1.0	3.8	1.6	3.19	.40	16.8	7.3	20.35	41.09	10.37	3.77	2.4	5.6	5.2	3.7	2.2	2.5	6.1
1933	10.3	6.3	20.6	6.8	23.5	18.5	5.9	19.4	.49	.61	.54	3.49	1.1	3.8	1.6	3.63	.43	19.5	9.0	22.16	43.93	9.79	3.54	2.1	5.3	5.2	3.6	2.2	2.4	6.8
1934	13.6	7.4	24.1	7.4	25.8	19.5	6.1	17.5	.76	.88	.60	4.04	1.3	5.4	1.5	4.59	.49	29.7	11.8	27.93	54.54	9.57	4.16	2.9	5.6	5.2	4.1	2.5	2.6	7.6

[1] Quantity reported in gallons; converted to pounds at 7½ pounds to a gallon.
[2] Barrels of 280 pounds.
[3] Revised to exclude linters beginning 1915.
[4] Softwoods and hardwoods not reported separately prior to 1919.

Source: Bureau of Foreign and Domestic Commerce.

No. 340.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED INTO THE UNITED STATES

NOTE.—The values are required by law to represent the values of the goods *in the foreign markets* whence exported to the United States. "Ton" signifies long ton of 2,240 pounds. The averages are obtained by dividing the total value of imports of the specified article by the total quantity, and as in some commodities there may be considerable variations in price between different grades, methods of packing, etc., and as the proportions of the grades, etc., may vary from year to year, the averages in such cases may show the actual price movements only roughly

Year ended—	Cheese, per pound	Fish, cured, per barrel (200 pounds)		Hides and skins, per pound		Rice, per pound	Wheat, per bushel	Copra, per pound	Flaxseed, per bushel	Cocoa, per pound	Coffee, per pound	Tea, per pound	Cane sugar, per pound	Rubber, crude, per pound	Shellac, per pound	Tobacco, leaf, per pound		Cotton, unmanufactured, per pound	Jute and jute butts, per ton	Flax, per ton
		Herring	Mackerel	Goat	Cattle											Cigar wrappers	Other leaf			
June 30—	*Cents*	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Dollars*	*Cents*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*	*Cents*	*Cents*	*Dollars*	*Dollars*
1907	16.9	7.50	12.28	31.3	15.3	3.0	.63	4.3	1.38	14.5	7.9	16.1	2.11	76.6	32.7	1.14	54.55	19.0	85.66	260.41
1908	17.2	6.78	13.74	27.2	12.2	2.9	.97	3.4	1.25	17.2	7.6	17.3	2.37	58.8	31.0	1.06	53.41	19.9	60.49	263.93
1909	16.5	6.80	10.47	25.0	12.4	2.7	.89	2.8	1.40	11.4	7.5	16.2	2.30	69.8	20.3	.95	55.58	15.7	46.06	.257.57
1910	17.3	6.96	10.43	26.6	14.7	2.6	.92	3.6	1.71	10.6	7.9	16.0	2.59	100.0	13.2	.98	52.90	18.4	54.71	277.10
1911	17.4	7.24	9.50	25.0	14.4	2.8	.94	4.1	2.04	10.5	10.3	17.2	2.45	105.8	14.9	1.08	53.62	21.8	72.33	342.47
1912	18.9	7.79	12.19	24.4	15.3	3.4	.82	4.4	1.90	10.9	13.3	18.0	2.81	84.4	12.2	1.25	51.17	18.4	71.12	346.65
1913	18.6	8.24	10.07	25.7	17.3	3.7	.70	4.5	1.54	12.4	13.8	18.4	2.18	79.5	18.9	1.29	45.30	18.9	74.01	318.01
1914	17.3	7.21	10.98	26.2	18.6	3.2	.89	5.3	1.22	11.8	11.1	18.4	2.00	54.0	16.1	1.28	50.41	15.8	105.38	290.37
1915	18.7	6.57	12.27	24.3	18.3	2.4	1.10	3.8	1.25	11.9	9.5	18.1	3.21	48.3	12.5	1.28	46.39	12.5	56.26	399.60
1916	23.5	7.86	13.65	27.2	20.3	2.4	1.02	4.1	1.38	14.4	9.6	18.7	3.70	57.9	12.8	1.43	40.37	17.2	73.07	505.59
1917	30.8	9.44	16.14	52.5	25.9	2.8	1.74	5.1	2.03	11.8	10.1	18.6	4.33	56.8	23.4	1.34	45.67	27.5	87.45	535.01
1918	41.6	10.44	20.74	47.4	25.3	3.5	2.02	5.5	2.56	10.3	9.0	20.4	4.82	52.1	41.5	1.14	50.48	34.9	92.11	1,037.72
Dec. 31—																				
1919	35.9	13.65	24.99	71.5	30.8	6.9	1.88	6.4	3.16	14.8	19.5	24.9	5.60	40.3	48.6	1.40	82.61	41.0	134.51	904.21
1920	35.4	12.49	18.81	110.5	31.0	10.3	2.10	6.6	3.03	15.8	19.5	27.0	12.56	42.9	80.8	1.80	88.23	46.2	100.93	566.77
1921	32.3	11.05	15.32	37.8	12.9	3.4	1.54	3.9	1.56	7.6	10.6	18.6	3.94	17.8	48.9	2.00	91.71	23.7	93.08	566.91
1922	31.4	10.18	17.34	40.5	14.5	3.4	1.15	3.7	2.09	9.3	12.9	24.5	2.59	15.1	59.3	2.04	74.39	25.6	107.38	575.03
1923	32.4	9.95	15.91	43.9	16.0	3.3	.99	4.0	2.01	8.2	13.5	28.2	4.93	26.7	59.7	2.35	80.18	26.4	128.33	511.09
1924	29.2	12.09	17.37	39.3	13.1	3.9	1.00	4.4	1.81	7.8	17.5	29.3	4.39	23.7	53.5	2.56	97.87	30.3	114.02	515.19
1925	27.8	13.30	15.60	40.7	16.0	4.3	1.39	5.0	2.40	10.0	22.3	31.2	2.76	48.4	51.0	2.34	80.27	33.7	190.69	680.59
1926	26.9	12.09	12.05	44.6	14.7	4.5	1.39	5.1	1.84	10.0	21.6	32.7	2.47	54.6	33.6	2.25	75.88	25.5	215.06	478.07
1927	30.7	12.69	13.10	43.6	17.4	4.6	1.31	4.6	1.74	13.4	18.4	31.6	3.06	35.6	41.4	2.15	64.90	22.2	131.52	479.08
1928	30.3	13.15	13.96	46.0	23.1	4.0	1.17	4.5	1.78	12.4	21.3	30.3	2.68	25.0	42.4	2.06	62.02	24.9	129.45	698.47
1929	29.2	12.54	15.45	47.4	16.0	4.1	1.11	4.2	1.92	9.8	20.4	28.9	2.14	19.1	38.4	1.84	65.37	23.9	128.35	579.24
1930	26.7	14.13	12.40	40.7	13.0	3.6	.98	3.7	2.11	8.4	13.1	26.6	1.85	12.9	27.3	1.60	52.99	19.7	107.76	420.26
1931	23.8	12.39	9.30	31.6	8.4	2.9	.64	2.4	.98	5.6	10.0	21.6	1.77	6.6	16.3	1.47	45.92	9.9	89.71	222.45
1932	22.5	9.32	6.66	20.0	5.6	2.6	.53	1.8	.65	4.1	9.1	13.1	1.63	3.5	13.3	1.33	39.22	9.9	64.19	216.60
1933	21.9	8.94	8.11	21.0	7.8	2.8	.56	1.4	.98	4.0	7.8	14.2	1.87	4.9	9.9	1.82	34.11	10.6	56.27	276.17
1934	22.4	10.02	9.82	26.4	7.9	2.9	.78	1.2	1.06	4.4	8.7	21.3	1.96	9.8	17.7	2.00	39.32	13.4	62.95	374.08

Year ended—	Hemp, per ton	Manila, per ton	Sisal, per ton	Jute burlaps, per pound	Wool, per pound			Silk, raw, per pound	Pulpwood, per cord	Boards, planks, deals, per M feet[1]	Wood pulp, per ton	Newsprint paper, per pound	Bituminous coal, per ton	Petroleum, crude, per gallon	Bar iron, per pound	Tin plates, terneplates, per pound	Copper, pigs, ingots, bars, per pound[2]	Tin, bars, blocks, pigs, per pound	Sodium nitrate, per ton
					Carpet	Clothing	Combing												
June 30—	*Dollars*	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Cents*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*
1907	176.00	199.51	151.01	8.2	15	26	30	4.20	4.29	17.40	29.79	-------	2.48	-------	1.9	3.3	19.8	39.70	41.05
1908	174.92	171.05	135.08	7.4	15	22	27	4.13	5.40	19.23	30.79	-------	2.59	-------	2.0	3.0	16.8	32.72	38.01
1909	153.45	115.60	111.71	5.9	11	21	21	3.38	5.96	18.85	31.47	2.4	2.85	-------	1.8	2.7	13.3	28.54	35.60
1910	161.89	112.78	114.44	5.0	13	24	25	3.21	6.39	18.37	31.11	2.1	2.75	-------	1.8	2.8	12.5	30.52	30.65
1911	177.78	116.04	102.72	5.3	13	23	26	3.25	6.40	18.51	28.42	2.2	2.83	-------	2.0	3.2	11.9	36.67	31.29
1912	219.75	116.74	103.67	6.6	13	21	24	3.11	6.47	17.46	29.78	2.1	2.85	1.9	2.0	4.3	12.7	41.56	32.03
1913	193.67	171.08	115.71	9.0	14	23	25	3.15	6.71	17.38	32.14	2.0	2.77	1.5	2.0	3.4	15.3	46.30	35.17
1914	177.34	196.82	119.98	8.6	17	25	26	3.42	6.75	19.13	33.49	2.0	2.71	1.5	2.0	3.0	14.4	39.35	31.82
1915	217.73	180.12	110.74	7.0	17	23	25	3.09	6.67	18.99	33.82	2.0	2.90	1.4	1.9	3.3	13.4	32.44	28.34
1916	252.45	178.30	112.87	9.0	22	28	29	3.61	6.51	18.98	33.27	1.9	2.99	1.4	2.8	7.9	19.5	35.34	29.98
1917	258.17	225.03	180.82	10.8	29	36	39	4.61	6.78	20.86	60.71	2.4	3.23	1.4	4.1	10.8	26.1	39.97	35.06
1918	403.40	352.99	343.18	13.3	40	54	62	5.25	9.46	25.49	62.66	2.8	4.42	1.3	4.8	8.4	24.5	54.60	43.64
Dec. 31—																			
1919	561.59	280.95	273.65	14.8	38	51	59	7.35	9.99	32.24	65.24	3.5	5.48	1.2	5.1	12.4	20.5	56.73	48.00
1920	411.75	304.09	185.52	15.6	32	51	53	9.48	13.62	42.31	110.50	4.7	6.06	1.3	6.1	14.5	18.6	58.54	47.75
1921	256.56	184.71	118.00	8.7	12	22	20	5.71	14.23	34.67	63.30	5.0	6.56	1.3	4.7	12.1	12.6	30.71	48.71
1922	232.40	124.89	103.33	9.4	17	25	29	7.21	10.53	29.54	56.31	3.5	5.92	1.3	2.8	5.1	12.5	30.26	48.21
1923	288.61	130.32	109.19	11.2	21	37	38	7.92	9.95	31.75	60.52	3.7	6.03	1.6	2.6	5.2	14.3	39.56	47.05
1924	345.50	175.54	142.98	10.3	24	46	47	6.39	10.24	30.10	55.71	3.7	5.73	2.3	2.7	6.8	12.6	47.32	47.81
1925	458.87	290.51	170.79	13.6	30	46	53	6.21	10.20	30.33	55.09	3.6	4.90	2.9	2.0	12.6	12.9	55.40	47.23
1926	373.73	263.92	182.86	13.7	26	35	39	5.91	10.25	28.79	59.01	3.3	4.85	3.1	2.3	6.1	12.6	60.63	46.79
1927	309.08	255.49	153.32	11.8	26	34	37	5.27	10.32	27.82	57.37	3.3	4.98	3.2	2.0	8.0	11.8	63.30	40.24
1928	341.41	202.65	145.10	12.9	25	44	44	4.87	10.45	26.98	53.27	3.2	4.91	2.7	2.9	7.4	12.4	49.80	35.81
1929	290.74	186.95	156.58	12.0	27	38	38	4.91	10.81	27.52	52.75	3.0	4.88	2.4	3.0	11.2	16.1	47.06	37.52
1930	259.95	138.08	138.50	9.1	20	26	25	3.57	10.76	23.84	49.63	2.9	5.34	2.5	3.3	11.5	13.2	33.31	37.71
1931	145.17	95.60	83.44	6.7	12	24	20	2.28	10.97	20.86	42.72	2.7	5.52	2.0	2.5	9.7	8.5	24.82	38.34
1932	148.38	62.91	50.10	5.0	9	14	15	1.54	8.61	19.29	35.45	2.4	5.34	1.6	2.3	2.9	5.7	21.12	29.19
1933	211.00	56.99	56.89	6.1	10	19	18	1.52	7.41	22.03	33.09	1.9	4.63	1.3	2.8	6.9	6.2	36.36	19.07
1934	70.91	254.15	66.31	7.4	13	24	23	1.27	7.54	25.39	38.34	1.7	4.53	1.7	3.0	11.3	7.0	60.02	19.32

[1] Revised to exclude cabinet woods beginning 1919.
[2] Unrefined copper beginning 1916.
Source: Bureau of Foreign and Domestic Commerce.

15.—WAGES, HOURS OF LABOR, AND EMPLOYMENT

[Data in this section relate to Continental United States, except as noted. For data relating to hours of labor and wages shown in other sections, consult the index]

No. 341.—INDEX NUMBERS OF EARNINGS PER HOUR (EXCLUSIVE OF AGRICULTURE)

NOTE.—These index numbers are based on such information as afforded comparisons through a series of years. No one series of directly comparable data extends through the entire period, although many trades and industries are continuously represented in the table. Agricultural wages are not included in the indexes given in this table, but are presented separately in table 655; this separation was made because of the seasonal character of the industry, the wide differences in methods of hiring, and the perquisites so often forming a part of the farm wages. The figures in this table indicate the change in earnings per hour when wage workers were actually at work, with 1913 as the base year. During the period, regular full-time working hours have been greatly reduced; hence the figures do not apply to full-time earnings per day or per week. Further, they do not reflect actual earnings in periods of broken time or unemployment.

[1913=100. On currency basis during Civil War period]

Year	Index number	Year	Index number	Year	Index number	Year	Index number
1840	33	1864	50	1888	67	1912	97
1841	34	1865	58	1889	68	1913	100
1842	33	1866	61	1890	69	1914	102
1843	33	1867	63	1891	69	1915	103
1844	32	1868	65	1892	69	1916	111
1845	33	1869	66	1893	69	1917	128
1846	34	1870	67	1894	67	1918	162
1847	34	1871	68	1895	68	1919	184
1848	35	1872	69	1896	69	1920	234
1849	36	1873	69	1897	69	1921	218
1850	35	1874	67	1898	69	1922	208
1851	34	1875	67	1899	70	1923	217
1852	35	1876	64	1900	73	1924	223
1853	35	1877	61	1901	74	1925	226
1854	37	1878	60	1902	77	1926	229
1855	38	1879	59	1903	80	1927	231
1856	39	1880	60	1904	80	1928	232
1857	40	1881	62	1905	82	1929	233
1858	39	1882	63	1906	85	1930	229
1859	39	1883	64	1907	89	1931	217
1860	39	1884	64	1908	89	1932	186
1861	40	1885	64	1909	90	1933	178
1862	41	1886	64	1910	93	1934	200
1863	44	1887	67	1911	95		

Source: Bureau of Labor Statistics, Department of Labor.

No. 342.—INDEX NUMBERS OF EARNINGS PER HOUR. COST OF LIVING, AND REAL EARNINGS

NOTE.—The general trend of earnings per hour presented in table 341 relate to money received per hour by the wage earner as compensation for his work. The real measure of his earnings, however, is not his money income, but what he is able to buy with it. In the following table, therefore, index numbers relating to earnings per hour and to cost of living are brought together and from them a third index number is computed showing the change in the worker's "real earnings"

[1913=100]

Year	Index numbers of—			Year	Index numbers of—		
	Earnings per hour	Cost of living	Real earnings		Earnings per hour	Cost of living	Real earnings
1913	100	100.0	100.0	1924	223	170.7	130.6
1914	102	103.0	99.0	1925	226	175.7	128.6
1915	103	105.1	98.0	1926	229	175.2	130.7
1916	111	118.3	93.8	1927	231	172.7	133.8
1917	128	142.4	89.9	1928	232	170.7	135.9
1918	162	174.4	92.9	1929	233	170.8	136.4
1919	184	188.3	97.7	1930	229	163.7	[1] 139.9
1920	234	208.5	112.2	1931	217	148.1	[1] 146.5
1921	218	177.3	123.0	1932	186	133.9	[1] 138.9
1922	208	167.3	124.3	1933	178	131.7	[1] 135.2
1923	217	171.0	126.9	1934	200	137.7	[1] 145.2

[1] Computed by the Bureau of Foreign and Domestic Commerce from data in the first two columns.

Source: Bureau of Labor Statistics, Department of Labor.

No. 343.—AVERAGE HOURS AND EARNINGS IN SPECIFIED MANUFACTURING INDUSTRIES

NOTE.—**The base year for the general indexes is indicated by 100.0 in bold type.** The general indexes and the averages for employees in all occupations for each industry are weighted according to the number of employees in each occupation. Data have not been collected annually for all of the industries, but at intervals; the first year for which comparable data were collected is shown, other years not shown in this table are available unless otherwise indicated by a footnote. Data are for a representative pay period of 1 week in each year

TEXTILES

Cotton goods

Year	Speeder tenders, male: Average hours per week, Full time	Speeder tenders, male: Average hours per week, Actually worked	Speeder tenders, male: Average earnings per hour	Speeder tenders, female: Average hours per week, Full time	Speeder tenders, female: Average hours per week, Actually worked	Speeder tenders, female: Average earnings per hour	Spinners, frame, mule: Average hours per week, Full time	Spinners, frame, mule: Average hours per week, Actually worked	Spinners, frame, mule: Average earnings per hour	Spinners, frame, female: Average hours per week, Full time	Spinners, frame, female: Average hours per week, Actually worked	Spinners, frame, female: Average earnings per hour	Loom fixers, male: Average hours per week, Full time	Loom fixers, male: Average hours per week, Actually worked	Loom fixers, male: Average earnings per hour
			Dol.			*Dol.*			*Dol.*			*Dol.*			*Dol.*
1907	63.9	(1)	0.116	59.3	(1)	0.139	59.4	(1)	0.124	61.0	(1)	0.110	60.8	(1)	0.207
1910	61.4	(1)	.131	57.8	(1)	.133	57.2	(1)	.120	59.0	(1)	.108	58.7	(1)	.200
1913	59.8	(1)	.145	56.5	(1)	.153	56.9	(1)	.143	57.8	(1)	.128	57.6	(1)	.227
1918	58.2	(1)	.265	55.0	(1)	.277	54.3	(1)	.248	56.1	(1)	.233	56.4	(1)	.391
1920	54.2	(1)	.533	50.2	(1)	.486	50.7	(1)	.475	51.8	(1)	.427	52.2	(1)	.695
1922	54.1	(1)	.358	51.0	(1)	.369	53.4	(1)	.292	52.6	(1)	.301	52.9	(1)	.500
1924	54.3	(1)	.394	51.2	(1)	.411	53.2	(1)	.369	53.1	(1)	.319	52.9	(1)	.553
1926	55.1	43.8	.343	51.0	43.9	.368	55.1	39.7	.289	53.5	42.0	.282	53.5	49.5	.489
1928	55.1	40.3	.345	51.2	40.6	.359	57.8	38.3	.339	52.9	38.6	.276	53.7	46.7	.482
1930	54.8	41.1	.343	51.3	40.9	.349	55.5	36.5	.322	53.5	38.8	.266	53.5	46.8	.483
1932	54.2	43.5	.273	51.5	42.3	.296	53.6	41.1	.214	53.6	40.0	.213	53.4	48.1	.403
1933 [2]	(1)	46.1	.225	(1)	43.8	.232	(1)	46.7	.216	(1)	40.1	.184	(1)	52.7	.387
1933 [3]	(1)	33.6	.378	(1)	34.5	.382	(1)	35.1	.375	(1)	33.8	.336	(1)	38.0	.565
1934	(1)	27.9	.383	(1)	30.2	.388	(1)	30.1	.374	(1)	27.5	.335	(1)	32.2	.569

Cotton goods—Continued

Woolen and worsted goods [4]

Year	Weavers, male: Average hours per week, Full time	Weavers, male: Average hours per week, Actually worked	Weavers, male: Average earnings per hour	Weavers, female: Average hours per week, Full time	Weavers, female: Average hours per week, Actually worked	Weavers, female: Average earnings per hour	General index [5]			Spinners, mule, male: Average hours per week, Full time	Spinners, mule, male: Average hours per week, Actually worked	Spinners, mule, male: Average earnings per hour	Spinners, frame, female: Average hours per week, Full time	Spinners, frame, female: Average hours per week, Actually worked	Spinners, frame, female: Average earnings per hour
			Dol.			*Dol.*						*Dol.*			*Dol.*
1907	60.3	(1)	0.161	59.5	(1)	0.151	(1)	(1)	(1)	58.6	(1)	0.219	57.6	(1)	0.127
1910	58.8	(1)	.151	57.8	(1)	.147	102.1	(1)	87.5	57.0	(1)	.224	56.0	(1)	.122
1913	57.6	(1)	.170	56.7	(1)	.164	100.0	(1)	100.0	56.5	(1)	.239	55.5	(1)	.140
1918	56.2	(1)	.301	55.4	(1)	.285	97.0	(1)	179.9	54.9	(1)	.499	52.4	(1)	.278
1920	51.8	(1)	.573	50.3	(1)	.528	89.7	(1)	323.5	48.2	(1)	.816	48.2	(1)	.481
1922	52.6	(1)	.380	51.6	(1)	.380	91.5	(1)	222.4	49.2	(1)	.670	48.4	(1)	.345
1924	52.8	(1)	.449	51.8	(1)	.429	91.8	(1)	250.7	48.9	(1)	.755	48.9	(1)	.417
1926	53.2	45.4	.396	51.9	44.8	.375	92.3	100.0	221.0	49.7	44.2	.695	49.8	38.3	.392
1928	53.4	41.6	.392	52.2	40.8	.371	92.5	92.7	218.3	49.5	40.1	.684	49.7	37.9	.383
1930	52.7	44.2	.400	52.0	43.2	.381	92.5	94.7	219.0	49.5	40.3	.659	49.1	37.6	.387
1930										*50.0*	*40.8*	*.620*	*49.4*	*37.7*	*.380*
1932	53.1	46.1	.314	52.0	45.3	.307	92.5	98.2	179.2	51.3	40.7	.515	49.4	40.6	.340
1933 [2]	(1)	49.7	.264	(1)	46.8	.252	(1)	102.0	156.7	(1)	(1)	(1)	(1)	(1)	(1)
1933 [3]	(1)	36.6	.415	(1)	37.2	.409	(1)	73.7	249.5	40.0	30.0	.626	39.7	35.3	.416
1934	(1)	31.4	.420	(1)	31.6	.413	(1)	67.2	256.7	40.0	32.8	.582	39.8	28.1	.412

Woolen and worsted goods—Continued

Year	Loom fixers, male: Average hours per week, Full time	Loom fixers, male: Average hours per week, Actually worked	Loom fixers, male: Average earnings per hour	Weavers, male: Average hours per week, Full time	Weavers, male: Average hours per week, Actually worked	Weavers, male: Average earnings per hour	Weavers, female: Average hours per week, Full time	Weavers, female: Average hours per week, Actually worked	Weavers, female: Average earnings per hour	Burlers, female: Average hours per week, Full time	Burlers, female: Average hours per week, Actually worked	Burlers, female: Average earnings per hour	General index [5]		
			Dol.			*Dol.*			*Dol.*			*Dol.*			
1907	53.0	(1)	0.267	58.5	(1)	0.203	58.0	(1)	0.188	58.3	(1)	0.122	(1)	(1)	(1)
1910	56.6	(1)	.279	57.1	(1)	.207	56.3	(1)	.180	56.5	(1)	.130	101.3	(1)	90.4
1913	55.8	(1)	.297	56.3	(1)	.232	56.0	(1)	.197	55.6	(1)	.146	100.0	(1)	100.0
1918	54.5	(1)	.552	54.5	(1)	.470	54.1	(1)	.406	54.1	(1)	.276	97.0	(1)	192.0
1920	48.3	(1)	.973	48.3	(1)	.807	48.3	(1)	.747	48.4	(1)	.452	86.2	(1)	353.7
1922	48.4	(1)	.754	48.3	(1)	.616	48.4	(1)	.576	48.2	(1)	.371	87.1	(1)	267.0
1924	49.0	(1)	.870	48.8	(1)	.701	48.9	(1)	.654	49.2	(1)	.420	87.7	(1)	300.2
1926	49.0	45.1	.807	48.9	41.0	.652	49.2	40.1	.600	49.3	40.8	.381	88.0	100.0	276.5
1928	49.0	45.4	.821	48.9	38.1	.658	48.8	36.7	.605	49.3	39.0	.383	88.0	95.7	239.5
1930	49.5	43.8	.809	49.3	40.5	.630	49.2	38.6	.579	49.0	38.1	.354	88.0	95.7	266.4
1930	*49.8*	*44.1*	*.775*	*49.8*	*49.7*	*.611*	*49.6*	*38.6*	*.544*	*49.4*	*38.6*	*.339*			
1932	51.6	45.5	.676	51.4	43.0	.497	52.4	43.4	.440	50.2	36.8	.294	89.2	96.2	228.2
1933 [3]	40.0	38.9	.772	40.0	37.0	.562	39.9	38.1	.492	40.0	37.0	.398	71.1	86.5	271.7
1934	40.0	35.3	.768	40.0	33.0	.562	40.0	32.7	.515	40.0	28.2	.416	71.1	72.2	285.6

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Continued

TEXTILES—Continued

Silk and rayon goods

Year	Spinners, male: Average hours per week, Full time	Spinners, male: Average hours per week, Actually worked	Spinners, male: Average earnings per hour	Spinners, female: Average hours per week, Full time	Spinners, female: Average hours per week, Actually worked	Spinners, female: Average earnings per hour	Winders, hard silk, female: Average hours per week, Full time	Winders, hard silk, female: Average hours per week, Actually worked	Winders, hard silk, female: Average earnings per hour
			Dol.			Dol.			Dol.
1907	56.8	(1)	0.098	58.7	(1)	0.083	57.6	(1)	0.099
1910	57.5	(1)	.094	56.9	(1)	.091	57.3	(1)	.093
1913	56.6	(1)	.117	56.3	(1)	.110	56.3	(1)	.112
1919	53.9	(1)	.342	50.3	(1)	.274	51.5	(1)	.269
1931	54.2	49.9	.344	50.2	43.1	.289	50.1	40.7	.293
1933 [2]	55.6	47.9	.251	50.0	42.6	.211	50.3	40.7	.206
1933 [3]	39.1	30.4	.442	38.3	34.4	.351	39.4	34.5	.344
1934	39.5	33.0	.462	38.3	31.5	.361	39.3	30.2	.356

Year	Warpers, male: Average hours per week, Full time	Warpers, male: Average hours per week, Actually worked	Warpers, male: Average earnings per hour	Warpers, female: Average hours per week, Full time	Warpers, female: Average hours per week, Actually worked	Warpers, female: Average earnings per hour
			Dol.			Dol.
1907	57.0	(1)	0.306	57.8	(1)	0.162
1910	56.6	(1)	.317	56.3	(1)	.179
1913	55.3	(1)	.388	55.7	(1)	.205
1919	50.7	(1)	.558	51.9	(1)	.354
1931	51.1	45.4	.648	50.4	43.5	.476
1933 [2]	51.7	44.6	.396	50.5	40.3	.321
1933 [3]	40.2	35.8	.519	39.9	35.1	.474
1934	40.0	34.2	.615	40.0	29.6	.499

Year	Quillers, female: Average hours per week, Full time	Quillers, female: Average hours per week, Actually worked	Quillers, female: Average earnings per hour	Loom fixers, male: Average hours per week, Full time	Loom fixers, male: Average hours per week, Actually worked	Loom fixers, male: Average earnings per hour	Weavers, broad silk, male: Average hours per week, Full time	Weavers, broad silk, male: Average hours per week, Actually worked	Weavers, broad silk, male: Average earnings per hour
			Dol.			Dol.			Dol.
1907	58.0	(1)	0.097	57.4	(1)	0.260	57.7	(1)	0.206
1910	56.2	(1)	.107	56.5	(1)	.289	56.9	(1)	.213
1913	55.3	(1)	.115	55.8	(1)	.321	56.0	(1)	.253
1919	51.3	(1)	.237	51.5	(1)	.546	51.7	(1)	.473
1931	50.0	44.2	.265	51.0	50.2	.746	51.2	47.0	.499
1933 [2]	50.5	42.5	.192	51.2	49.9	.534	50.7	46.4	.287
1933 [3]	40.1	36.6	.134	39.9	38.9	.724	40.0	37.4	.447
1934	39.6	33.3	.357	40.0	36.8	.765	39.6	34.7	.482

Year	Weavers, broad silk, female: Average hours per week, Full time	Weavers, broad silk, female: Average hours per week, Actually worked	Weavers, broad silk, female: Average earnings per hour	General index [4]: Average hours per week, Full time	General index [4]: Average hours per week, Actually worked	General index [4]: Average earnings per hour
			Dol.			
1907	57.1	(1)	0.143	(1)	(1)	(1)
1910	56.7	(1)	.141	101.3	(1)	86.5
1913	56.1	(1)	.198	100.0	(1)	100.0
1919	52.0	(1)	.393	92.6	(1)	199.0
1931	49.6	46.0	.422	91.0	(1)	215.8
1933 [2]	49.6	44.9	.254	91.4	(1)	143.0
1933 [3]	40.0	37.1	.410	71.4	(1)	220.6
1934	39.9	35.4	.433	71.2	(1)	238.1

Dyeing and finishing of textiles

Year	Dyeing machine tenders, male: Average hours per week, Full time	Dyeing machine tenders, male: Average hours per week, Actually worked	Dyeing machine tenders, male: Average earnings per hour	Mangle tenders, male: Average hours per week, Full time	Mangle tenders, male: Average hours per week, Actually worked	Mangle tenders, male: Average earnings per hour	Printing machine tenders, male: Average hours per week, Full time	Printing machine tenders, male: Average hours per week, Actually worked	Printing machine tenders, male: Average earnings per hour
			Dol.			Dol.			Dol.
1930	50.6	48.6	0.465	51.2	50.9	0.424	51.5	54.7	1.201
1932	50.8	49.7	.415	51.6	51.5	.366	50.8	55.2	1.019
1933 [2]	53.3	51.2	.352	48.3	46.1	.340	55.8	54.4	1.043
1933 [3]	40.4	35.4	.443	40.9	35.9	.421	40.0	36.3	1.392
1934	40.2	33.3	.518	40.1	31.8	.404	40.1	36.5	1.345

Year	Tenter-frame tenders, male: Average hours per week, Full time	Tenter-frame tenders, male: Average hours per week, Actually worked	Tenter-frame tenders, male: Average earnings per hour	Drier tenders, male: Average hours per week, Full time	Drier tenders, male: Average hours per week, Actually worked	Drier tenders, male: Average earnings per hour
			Dol.			Dol.
1930	51.0	51.2	0.435	51.2	51.6	0.435
1932	51.5	53.3	.385	51.6	53.6	.375
1933 [2]	50.3	54.7	.319	53.2	56.6	.295
1933 [3]	40.2	32.7	.442	40.1	36.3	.428
1934	40.1	33.7	.489	40.0	32.8	.467

Year	Calender tenders, male: Average hours per week, Full time	Calender tenders, male: Average hours per week, Actually worked	Calender tenders, male: Average earnings per hour	Truckers, hand, male: Average hours per week, Full time	Truckers, hand, male: Average hours per week, Actually worked	Truckers, hand, male: Average earnings per hour	Yarn winders, female: Average hours per week, Full time	Yarn winders, female: Average hours per week, Actually worked	Yarn winders, female: Average earnings per hour
			Dol.			Dol.			Dol.
1930	51.4	50.7	0.431	50.6	51.5	0.405	51.9	39.6	0.350
1932	52.1	49.8	.383	51.2	51.2	.344	53.4	39.3	.262
1933 [2]	54.8	56.6	.345	52.3	50.6	.302	53.8	42.0	.228
1933 [3]	40.3	36.7	.434	40.2	35.7	.400	39.8	28.9	.393
1934	40.0	34.3	.480	40.2	34.4	.414	40.0	26.9	.416

Year	Employees in all occupations [5 6]: Males: Average hours per week, Full time	Males: Average hours per week, Actually worked	Males: Average earnings per hour	Females: Average hours per week, Full time	Females: Average hours per week, Actually worked	Females: Average earnings per hour
			Dol.			Dol.
1930	51.0	50.7	0.473	50.5	42.4	0.335
1932	51.4	51.1	.418	51.2	43.5	.291
1933 [2]	52.4	51.9	.368	49.9	43.2	.277
1933 [3]	40.5	36.6	.481	40.0	33.7	.380
1934	40.3	33.9	.518	39.6	33.8	.405

Men's clothing [7]

Year	Cutters, cloth, hand and machine, male: Average hours per week, Full time	Cutters, cloth, hand and machine, male: Average hours per week, Actually worked	Cutters, cloth, hand and machine, male: Average earnings per hour	Basters, coat, male: Average hours per week, Full time	Basters, coat, male: Average hours per week, Actually worked	Basters, coat, male: Average earnings per hour	Operators, coat, male: Average hours per week, Full time	Operators, coat, male: Average hours per week, Actually worked	Operators, coat, male: Average earnings per hour
			Dol.			Dol.			Dol.
1911	49.9	(1)	0.406	55.3	(1)	0.220	55.9	(1)	0.264
1913	49.0	(1)	.433	52.5	(1)	.267	52.5	(1)	.305
1919	47.7	(1)	.628	47.5	(1)	.511	47.6	(1)	.591
1922	44.0	(1)	1.033	44.3	(1)	.848	44.1	(1)	.962
1924	44.2	(1)	1.111	44.4	(1)	.889	44.1	(1)	1.033
1926	44.2	42.4	1.123	44.3	42.7	.925	44.1	41.9	1.034
1928	43.8	41.7	1.129	44.2	42.8	.905	44.2	42.3	1.016
1930	44.0	38.5	1.139	44.3	39.8	.834	44.3	40.3	.958
1932	44.2	36.3	.920	44.2	39.1	.561	44.2	40.4	.687

Year	Operators, coat, female: Average hours per week, Full time	Operators, coat, female: Average hours per week, Actually worked	Operators, coat, female: Average earnings per hour	Hand sewers, coat, female: Average hours per week, Full time	Hand sewers, coat, female: Average hours per week, Actually worked	Hand sewers, coat, female: Average earnings per hour
			Dol.			Dol.
1911	54.2	(1)	0.195	54.8	(1)	0.155
1913	52.1	(1)	.199	52.1	(1)	.179
1919	48.1	(1)	.361	47.8	(1)	.334
1922	43.9	(1)	.593	44.2	(1)	.526
1924	43.6	(1)	.614	44.1	(1)	.555
1926	44.4	39.3	.638	44.4	41.1	.545
1928	43.3	38.2	.632	43.9	40.0	.527
1930	43.8	35.2	.570	44.2	37.6	.496
1932	44.5	37.3	.407	44.4	37.1	.345

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Continued

Year	TEXTILES—Continued																	
	Men's clothing—Continued						Hosiery and underwear											
	Pressers, coat, male			General index [5]			Knitters, full-fashioned, hosiery, male			Knitters, transfer, hosiery, female			Loopers, hosiery, female					
	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour			
	Full time	Actually worked		Full time	Actually worked		Full time	Actually worked		Full time	Actually worked		Full time	Actually worked				
			Dol.						*Dol.*			*Dol.*			*Dol.*			*Dol.*
1907	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	58.1	(1)	0.123	58.4	(1)	0.140			
1910	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	57.5	(1)	.121	57.3	(1)	.133			
1911	55.1	(1)	0.240	104.6	(1)	86.7	(1)	(1)	(1)	57.2	(1)	.135	57.1	(1)	.134			
1913	52.3	(1)	.291	100.0	(1)	100.0	55.1	(1)	0.390	56.0	(1)	.149	56.0	(1)	.150			
1919	47.8	(1)	.541	92.7	(1)	173.5	51.7	(1)	.640	53.0	(1)	.272	52.2	(1)	.296			
1922	44.1	(1)	.869	85.3	(1)	283.2	52.9	(1)	.861	50.7	(1)	.293	50.8	(1)	.327			
1924	44.2	(1)	.934	85.3	(1)	295.7	50.5	(1)	1.099	50.8	(1)	.344	50.8	(1)	.384			
1926	44.3	42.1	.933	85.7	100.0	291.8	51.1	50.8	1.346	52.5	46.1	.298	52.4	43.5	.371			
1928	44.0	41.8	.912	85.1	99.5	284.4	50.5	50.0	1.390	53.1	45.4	.294	53.0	44.3	.385			
1930	44.2	39.1	.867	85.7	92.6	272.7	50.7	44.4	1.277	53.7	40.0	.273	53.0	37.6	.386			
1932	44.3	37.8	.608	85.8	91.4	196.9	51.1	43.7	.669	53.7	41.4	.205	52.6	36.6	.289			

Year	Hosiery and underwear—Continued																	
	Seamers, full fashioned, hosiery, female			Boarders, hosiery, male			Knitters, web or tube, underwear, male			Cutters, hand, layers-up, and markers, underwear, female			Seamers, underwear, female					
	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour			
	Full time	Actually worked		Full time	Actually worked		Full time	Actually worked		Full time	Actually worked		Full time	Actually worked				
			Dol.			*Dol.*			*Dol.*			*Dol.*			*Dol.*			*Dol.*
1907	(1)	(1)	(1)	58.4	(1)	0.218	58.5	(1)	0.219	58.6	(1)	0.144	58.6	(1)	0.144			
1910	(1)	(1)	(1)	57.0	(1)	.193	58.0	(1)	.201	56.5	(1)	.137	57.8	(1)	.143			
1911	(1)	(1)	(1)	56.9	(1)	.189	57.9	(1)	.211	56.4	(1)	.139	58.1	(1)	.141			
1913	55.1	(1)	0.170	55.8	(1)	.219	55.4	(1)	.249	54.8	(1)	.169	54.5	(1)	.176			
1919	(1)	(1)	(1)	52.5	(1)	.450	52.9	(1)	.407	50.4	(1)	.313	51.3	(1)	.287			
1922	50.7	(1)	.395	51.3	(1)	.462	51.8	(1)	.448	48.9	(1)	.372	50.3	(1)	.325			
1924	50.5	(1)	.484	51.9	(1)	.531	51.3	(1)	.528	49.8	(1)	.363	50.3	(1)	.372			
1926	50.5	46.3	.515	53.4	47.7	.481	52.0	50.9	.534	50.2	43.1	.367	50.2	42.0	.374			
1928	49.8	45.9	.504	53.8	48.2	.521	52.2	48.6	.490	50.4	44.5	.344	50.2	42.5	.355			
1930	50.2	40.0	.497	53.7	40.2	.488	51.9	42.8	.515	50.4	40.2	.364	50.0	38.3	.354			
1932	50.8	40.0	.347	53.3	38.8	.380	52.3	43.1	.390	50.2	37.8	.286	50.8	35.4	.274			

Year	TEXTILES—Continued						BOOTS AND SHOES											
	Hosiery and underwear—Continued						Cutters, vamp, and whole shoe, hand, male			Treers, hand and machine, male			Vampers, female					
	Finishers, underwear, female			General index [5]			Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour	Average hours per week		Average earnings per hour			
			Dol.				Full time	Actually worked		Full time	Actually worked		Full time	Actually worked				
1907	58.7	(1)	0.158	(1)	(1)	(1)	54.9	(1)	0.325	54.7	(1)	0.305	55.7	(1)	0.246			
1910	57.9	(1)	.150	104.2	(1)	82.0	56.3	(1)	.319	55.9	(1)	.259	56.9	(1)	.238			
1911	57.9	(1)	.148	103.8	(1)	83.7	56.2	(1)	.313	56.0	(1)	.267	56.5	(1)	.238			
1913	54.7	(1)	.184	100.0	(1)	100.0	54.5	(1)	.351	55.3	(1)	.282	54.7	(1)	.246			
1919	51.9	(1)	.297	94.2	(1)	183.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
1920	(1)	(1)	(1)	(1)	(1)	(1)	47.8	(1)	.829	48.3	(1)	.677	48.8	(1)	.506			
1922	50.2	(1)	.327	91.9	(1)	213.0	48.3	(1)	.787	48.6	(1)	.577	49.0	(1)	.480			
1924	49.8	(1)	.377	91.3	(1)	246.1	48.4	(1)	.838	48.8	(1)	.624	49.4	(1)	.519			
1926	50.3	42.3	.358	92.4	100.0	266.6	48.9	44.7	.808	49.2	47.5	.611	49.1	45.7	.531			
1928	50.2	41.4	.341	92.4	99.3	267.2	48.6	44.8	.824	49.2	45.6	.624	49.3	45.2	.505			
1930	50.5	39.4	.341	93.1	90.0	273.8	48.7	42.0	.796	49.1	43.0	.563	49.1	41.7	.465			
1932	50.8	36.9	.262	93.0	87.6	213.6	48.9	40.3	.634	49.3	42.5	.433	49.0	39.2	.355			

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Continued

BOOTS AND SHOES—Continued

Year	Bed-machine operators, male			Top stitchers, female [6]			Edge setters, male			Edge trimmers, male			General index [5]		
	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			
1907	54.7	(1)	0.350	48.0	(1)	0.185	56.0	(1)	0.400	55.3	(1)	0.404	(1)	(1)	(1)
1910	56.4	(1)	.311	56.3	(1)	.188	56.3	(1)	.373	56.4	(1)	.382	102.7	(1)	92.0
1911	56.1	(1)	.321	56.9	(1)	.194	56.3	(1)	.380	56.5	(1)	.389	102.4	(1)	93.9
1913	55.2	(1)	.330	54.6	(1)	.210	55.3	(1)	.411	55.4	(1)	.410	100.0	(1)	100.0
1920	48.7	(1)	.789	48.5	(1)	.448	48.7	(1)	.873	48.7	(1)	.904	88.2	(1)	232.0
1922	48.9	(1)	.668	48.8	(1)	.433	48.9	(1)	.757	48.9	(1)	.764	88.4	(1)	207.9
1924	49.1	(1)	.692	49.3	(1)	.462	49.1	(1)	.756	49.1	(1)	.767	88.9	(1)	214.1
1926	49.1	46.5	.700	49.3	44.0	.486	49.1	45.8	.766	49.2	45.7	.785	88.9	100.0	219.1
1928	49.2	45.0	.682	49.4	44.3	.451	49.1	44.1	.755	49.1	44.7	.764	89.2	98.5	220.3
1930	49.1	42.1	.657	49.1	41.5	.419	49.0	41.6	.706	49.1	41.7	.722	88.8	93.2	212.0
1932	49.1	40.4	.515	49.0	40.5	.338	49.0	39.3	.551	49.1	39.3	.572	88.8	88.8	171.2

LUMBER (SAWMILLS)

Year	Setters			Sawyers, head, band			Edgermen			Laborers			General index [5]		
	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			
1907	(1)	(1)	(1)	60.8	(1)	0.490	60.7	(1)	0.254	60.5	(1)	0.183	(1)	(1)	(1)
1910	(1)	(1)	(1)	61.2	(1)	.543	61.2	(1)	.265	61.3	(1)	.166	100.3	(1)	97.3
1913	61.0	(1)	0.258	60.9	(1)	.557	61.0	(1)	.268	61.1	(1)	.171	100.0	(1)	100.0
1915	61.2	(1)	.239	61.0	(1)	.539	61.0	(1)	.252	61.3	(1)	.157	100.0	(1)	91.4
1919	57.0	(1)	.446	57.5	(1)	.768	57.5	(1)	.450	57.1	(1)	.345	91.8	(1)	194.6
1921	57.6	(1)	.412	57.8	(1)	.797	57.5	(1)	.437	57.2	(1)	.285	93.6	(1)	166.5
1923	57.0	(1)	.474	57.0	(1)	.883	57.1	(1)	.492	57.5	(1)	.310	93.8	(1)	180.5
1925	57.5	(1)	.458	57.7	(1)	.877	57.8	(1)	.468	57.5	(1)	.309	93.8	(1)	178.0
1928	56.5	52.7	.468	56.7	54.4	.887	56.7	52.3	.470	56.9	49.6	.303	91.3	(1)	184.9
1930	56.5	48.8	.451	55.9	49.7	.886	56.4	49.4	.461	56.6	46.8	.291	91.2	(1)	179.0
1932	55.8	40.5	.319	55.6	40.0	.652	55.7	40.9	.324	56.0	38.0	.205	90.0	(1)	127.6

FURNITURE

Year	Machine hands, male			Veneerers, male			Assemblers and cabinet makers, male			Upholsterers, male			General index [5]		
	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			
1907	58.2	(1)	0.211	(1)	(1)	(1)	[9]56.7	(1)	[9]0.235	53.6	(1)	0.300	(1)	(1)	(1)
1910	58.7	(1)	.212	58.8	(1)	0.200	58.0	(1)	.228	55.0	(1)	.297	101.4	(1)	98.6
1912	58.5	(1)	.211	58.3	(1)	.213	58.1	(1)	.223	56.4	(1)	.291	101.4	(1)	97.3
1913	57.8	(1)	.217	57.3	(1)	.217	57.2	(1)	.227	56.2	(1)	.295	100.0	(1)	100.0
1915	57.5	(1)	.223	57.0	(1)	.218	57.1	(1)	.235	55.3	(1)	.312	99.5	(1)	103.2
1929	52.4	51.4	.512	52.5	52.7	.454	52.1	50.8	.560	50.1	46.5	.724	89.9	(1)	236.3
1931	52.1	41.5	.428	52.5	43.4	.376	51.9	42.0	.445	50.3	34.5	.538	89.8	(1)	198.2

IRON AND STEEL

Blast furnaces

Year	Stockers			Larry men			Blowers			Keepers			Keepers' helpers		
	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour	Full time	Actually worked	Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			Dol.
1907	81.4	(1)	0.170	84.0	(1)	0.195	84.0	(1)	0.300	84.0	(1)	0.218	84.0	(1)	0.165
1913	78.0	(1)	.192	82.3	(1)	.217	82.2	(1)	.332	82.0	(1)	.235	82.2	(1)	.186
1920	75.5	(1)	.527	73.8	(1)	.586	73.2	(1)	.808	73.3	(1)	.635	74.5	(1)	.522
1922	74.4	(1)	.352	75.1	(1)	.402	72.4	(1)	.678	75.3	(1)	.420	75.3	(1)	.349
1924	60.5	(1)	.465	57.7	(1)	.548	58.3	(1)	.889	57.1	(1)	.579	58.6	(1)	.475
1926	60.1	(1)	.465	57.9	(1)	.551	58.5	(1)	.902	57.4	(1)	.577	59.1	(1)	.471
1929	62.6	(1)	.451	58.5	(1)	.552	58.7	(1)	.918	57.7	(1)	.579	59.5	(1)	.486
1931	57.2	37.8	.485	55.3	36.5	.563	55.8	48.4	.929	55.2	39.3	.573	56.2	36.7	.402
1933 [2]	55.4	19.6	.374	54.5	22.9	.430	54.8	42.3	.727	54.2	24.0	.439	53.9	21.2	.382

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Continued

IRON AND STEEL—Continued

Year	Blast furnaces—Continued						Open-hearth furnaces								
	Laborers			General index [5]			Stockers			Charging-machine operators			Melters' helpers, first		
	Average hours per week: Full time	Average hours per week: Actually worked	Average earnings per hour	Average hours per week: Full time	Average hours per week: Actually worked	Average earnings per hour	Average hours per week: Full time	Average hours per week: Actually worked	Average earnings per hour	Average hours per week: Full time	Average hours per week: Actually worked	Average earnings per hour	Average hours per week: Full time	Average hours per week: Actually worked	Average earnings per hour
			Dol.						Dol.			Dol.			Dol.
1907	75.8	(1)	0.146	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1910							76.8	(1)	0.177	76.8	(1)	0.294	77.7	(1)	0.416
1913	72.5	(1)	.171	100.0	(1)	100.0	77.8	(1)	.197	78.0	(1)	.335	77.1	(1)	.440
1920	72.3	(1)	.474	93.8	(1)	278.5	70.9	(1)	.573	67.2	(1)	.895	69.4	(1)	1.089
1922	67.7	(1)	.315	94.0	(1)	194.1	73.9	(1)	.379	72.2	(1)	.625	71.4	(1)	.775
1924	62.4	(1)	.401	77.6	(1)	253.7	58.2	(1)	.540	56.3	(1)	.863	55.5	(1)	1.064
1926	62.4	(1)	.389	77.8	(1)	262.2	57.8	(1)	.535	55.7	(1)	.951	55.3	(1)	1.170
1929	63.8	(1)	.373	78.9	(1)	257.6	57.9	(1)	.560	56.2	(1)	.958	55.9	(1)	1.247
1931	59.5	33.6	.384	74.4	(1)	268.8	54.5	39.1	.527	53.2	37.6	.879	53.1	35.5	1.239
1933 [2]	57.2	20.3	.289	71.7	(1)	216.6	54.3	22.3	.376	52.4	22.9	.629	52.4	19.7	.867

Year	Open-hearth furnaces—Continued												Bar mills		
	Steel pourers			Ladle cranemen			Laborers			General index [5]			Stockers		
			Dol.			Dol.			Dol.						Dol.
1907	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	64.4	(1)	0.178
1910	75.3	(1)	0.308	77.2	(1)	0.294	74.5	(1)	0.157	(1)	(1)	(1)	59.0	(1)	.250
1913	77.0	(1)	.370	77.2	(1)	.341	76.2	(1)	.187	100.0	(1)	100.0	60.2	(1)	.216
1920	68.0	(1)	.929	68.3	(1)	.837	68.5	(1)	.525	89.6	(1)	283.1	61.5	(1)	.612
1922	70.4	(1)	.645	72.9	(1)	.588	67.9	(1)	.354	92.3	(1)	202.5	59.2	(1)	.420
1924	56.5	(1)	.837	55.2	(1)	.832	59.0	(1)	.434	75.6	(1)	267.9	56.0	(1)	.502
1926	55.6	(1)	.889	54.0	(1)	.900	59.2	(1)	.429	74.4	(1)	285.7	54.2	(1)	.519
1929	56.3	(1)	.927	55.8	(1)	.941	60.5	(1)	.433	75.2	(1)	301.3	53.5	(1)	.530
1931	53.5	38.1	.851	53.2	37.7	.846	57.5	31.7	.436	70.1	(1)	296.6	54.2	31.7	.455
1933 [2]	53.1	24.6	.575	52.4	20.5	.566	54.9	15.7	.330	69.5	(1)	216.5	52.2	15.8	.326

Year	Bar mills—Continued														
	Rollers			Roughers			Finishers			Hotbed men			Laborers		
			Dol.			Dol.			Dol.			Dol.			Dol.
1907	65.5	(1)	1.013	61.5	(1)	0.434	65.9	(1)	0.300	63.3	(1)	0.189	68.3	(1)	0.153
1910	62.4	(1)	.928	61.0	(1)	.402	64.0	(1)	.323	62.9	(1)	.200	67.8	(1)	.160
1913	59.3	(1)	.986	59.8	(1)	.436	59.6	(1)	.350	60.3	(1)	.217	62.5	(1)	.169
1920	59.5	(1)	1.949	57.8	(1)	1.034	60.0	(1)	.866	58.8	(1)	.618	65.1	(1)	.506
1922	58.4	(1)	1.416	57.3	(1)	.709	57.9	(1)	.638	58.3	(1)	.439	64.5	(1)	.316
1924	53.9	(1)	1.577	54.7	(1)	.810	54.0	(1)	.749	53.8	(1)	.538	57.5	(1)	.392
1926	53.2	(1)	1.699	53.2	(1)	.847	53.0	(1)	.843	53.0	(1)	.556	55.0	(1)	.411
1929	55.0	(1)	1.822	55.8	(1)	.887	53.9	(1)	.952	54.5	(1)	.601	56.0	(1)	.399
1931	55.4	37.8	1.542	56.7	32.8	.791	54.4	31.5	.804	54.1	27.9	.578	54.2	28.1	.394
1933 [2]	54.5	23.8	.965	55.8	17.9	.536	55.0	17.7	.500	55.5	15.2	.349	53.7	14.6	.305

Year	Bar mills—Contd.	Tin-plate mills											
	General index [5]	Rollers			Roughers			Doublers, mechanical [10]			Heaters, level-handed		
				Dol.			Dol.			Dol.			Dol.
1907	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1910	(1)	42.7	(1)	1.025	42.7	(1)	0.425	42.7	(1)	0.632	(1)	(1)	(1)
1913	100.0	42.7	(1)	1.136	42.7	(1)	.533	42.7	(1)	.740	42.7	(1)	0.595
1920	100.5	42.7	(1)	2.542	42.7	(1)	1.363	42.7	(1)	1.655	42.7	(1)	1.465
1922	*99.5*	42.7	(1)	*1.701*	42.7	(1)	.893	42.7	(1)	*1.040*	42.7	(1)	*1.001*
1924	90.4	42.7	(1)	2.099	42.7	(1)	1.150	42.7	(1)	1.243	42.7	(1)	1.229
1926	88.9	42.7	(1)	1.635	42.7	(1)	.902	42.7	(1)	.787	42.7	(1)	.917
1929	90.4	42.7	(1)	1.778	42.7	(1)	1.014	42.7	(1)	.679	42.7	(1)	.982
1931	89.4	42.7	34.4	1.737	42.7	32.4	.989	42.7	34.7	.749	42.7	35.4	.042
1933 [2]	88.0	42.6	28.6	1.260	42.6	28.8	.709	42.6	27.2	.544	42.6	30.9	.721

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Continued

IRON AND STEEL—Continued

Year	Tin-plate mills—Continued: Tinners, hand: Average hours per week: Full time	Tinners, hand: Average hours per week: Actually worked	Tinners, hand: Average earnings per hour	Assorters, female: Average hours per week: Full time	Assorters, female: Average hours per week: Actually worked	Assorters, female: Average earnings per hour	General index [5]: Average hours per week: Full time	General index [5]: Average hours per week: Actually worked	General index [5]: Average earnings per hour	Sheet mills: Sheet heaters: Average hours per week: Full time	Sheet heaters: Average hours per week: Actually worked	Sheet heaters: Average earnings per hour	Rollers, hand mills: Average hours per week: Full time	Rollers, hand mills: Average hours per week: Actually worked	Rollers, hand mills: Average earnings per hour
			Dol.			Dol.						Dol.			Dol.
1910	42.9	(1)	0.402	49.7	(1)	0.128	(1)	(1)	(1)	42.7	(1)	0.883	42.7	(1)	1.242
1913	43.6	(1)	.433	53.7	(1)	.163	100.0	(1)	100.0	42.8	(1)	.993	42.8	(1)	1.476
1920	42.9	(1)	1.114	46.9	(1)	.465	109.8	(1)	227.6	43.4	(1)	2.151	43.4	(1)	2.976
1922	43.3	(1)	.795	43.3	(1)	.365	108.2	(1)	155.9	43.3	(1)	1.381	43.3	(1)	1.895
1924	43.4	(1)	.976	43.6	(1)	.422	105.9	(1)	190.6	43.4	(1)	1.559	43.4	(1)	2.148
1926	43.5	(1)	.840	43.4	(1)	.384	104.3	(1)	168.8	43.3	(1)	1.404	43.3	(1)	1.956
1929	42.7	(1)	.907	46.1	(1)	.369	102.8	(1)	175.5	43.3	(1)	1.432	43.4	(1)	1.979
1931	42.7	33.9	.899	45.5	38.1	.380	102.0	(1)	171.2	43.5	24.6	1.287	43.5	24.1	1.811
1933 [2]	43.8	34.1	.554	45.2	38.9	.295	101.7	(1)	124.0	43.4	16.9	.828	42.3	18.1	1.209

Sheet mills—Continued

Year	Roughers: Average hours per week: Full time	Roughers: Average hours per week: Actually worked	Roughers: Average earnings per hour	Shearmen: Average hours per week: Full time	Shearmen: Average hours per week: Actually worked	Shearmen: Average earnings per hour	Openers: Average hours per week: Full time	Openers: Average hours per week: Actually worked	Openers: Average earnings per hour	Laborers: Average hours per week: Full time	Laborers: Average hours per week: Actually worked	Laborers: Average earnings per hour	General index [5]: Average hours per week: Full time	General index [5]: Average hours per week: Actually worked	General index [5]: Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			
1910	42.7	(1)	0.558	46.0	(1)	0.689	46.0	(1)	0.274	63.1	(1)	0.104	(1)	(1)	(1)
1913	42.8	(1)	.642	42.9	(1)	.814	45.4	(1)	.279	64.9	(1)	.190	100.0	(1)	100.0
1920	43.4	(1)	1.584	43.5	(1)	1.891	44.0	(1)	1.188	59.5	(1)	.536	96.2	(1)	215.1
1922	43.3	(1)	.994	43.3	(1)	1.175	43.5	(1)	.732	65.2	(1)	.356	97.7	(1)	143.7
1924	43.4	(1)	1.150	43.7	(1)	1.289	43.5	(1)	.806	64.6	(1)	.420	96.0	(1)	167.5
1926	43.3	(1)	1.037	43.6	(1)	1.222	43.5	(1)	.741	56.6	(1)	.475	93.5	(1)	157.1
1929	43.4	(1)	1.067	43.5	(1)	1.227	43.2	(1)	.754	60.7	(1)	.429	93.5	(1)	164.2
1931	43.6	23.5	.952	43.5	26.3	1.052	43.8	20.0	.659	57.7	31.0	.428	91.4	(1)	154.7
1933 [2]	40.5	16.0	.744	41.9	20.8	.702	38.4	16.2	.442	54.2	23.8	.330	89.7	(1)	97.9

GENERAL INDEXES FOR OTHER BRANCHES—IRON AND STEEL [11]

	Bessemer converters			Puddling mills			Blooming mills			Plate mills			Standard-rail mills		
1913 [12]	100.0	(1)	100.0	100.0	(1)	100.0	100.0	(1)	100.0	100.0	(1)	100.0	100.0	(1)	100.0
1920	100.4	(1)	238.4	101.3	(1)	269.8	92.5	(1)	248.7	98.4	(1)	263.1	86.3	(1)	248.8
1922	98.1	(1)	165.5	97.9	(1)	151.2	93.2	(1)	178.1	94.7	(1)	186.7	86.7	(1)	185.0
1924	74.7	(1)	219.7	104.7	(1)	219.8	74.8	(1)	231.3	81.8	(1)	220.4	81.0	(1)	225.6
1926	75.1	(1)	225.7	97.9	(1)	200.3	74.2	(1)	236.6	79.8	(1)	237.6	78.3	(1)	234.3
1929	76.7	(1)	226.4	94.5	(1)	209.1	75.3	(1)	251.3	83.0	(1)	250.6	79.0	(1)	247.2
1931	76.1	(1)	233.8	99.6	(1)	180.5	72.1	(1)	250.6	81.1	(1)	245.9	77.4	(1)	241.3
1933 [2]	75.3	(1)	172.5	99.2	(1)	144.5	71.9	(1)	184.2	76.5	(1)	176.1	75.0	(1)	205.9

MOTOR VEHICLES

Year	Machinists, male: Average hours per week: Full time	Machinists, male: Average hours per week: Actually worked	Machinists, male: Average earnings per hour	Gear-cutter operators, male: Average hours per week: Full time	Gear-cutter operators, male: Average hours per week: Actually worked	Gear-cutter operators, male: Average earnings per hour	Grinding-machine operators, male: Average hours per week: Full time	Grinding-machine operators, male: Average hours per week: Actually worked	Grinding-machine operators, male: Average earnings per hour	Sewing-machine operators, female: Average hours per week: Full time	Sewing-machine operators, female: Average hours per week: Actually worked	Sewing-machine operators, female: Average earnings per hour	Top builders and trimmers, male: Average hours per week: Full time	Top builders and trimmers, male: Average hours per week: Actually worked	Top builders and trimmers, male: Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			Dol.
1922	50.0	(1)	0.715	50.2	(1)	0.678	50.0	(1)	0.710	50.5	(1)	0.442	50.8	(1)	0.778
1925	50.0	(1)	.806	50.6	(1)	.746	50.1	(1)	.765	50.7	(1)	.472	50.6	(1)	.808
1928	47.9	49.5	.844	49.5	50.1	.760	48.8	48.0	.792	51.0	37.5	.513	49.6	41.0	.840
1930	46.9	36.6	.851	48.3	34.8	.740	47.6	33.3	.780	51.2	31.2	.461	50.0	31.8	.751
1932	47.9	38.3	.703	48.7	36.0	.623	47.7	31.7	.669	51.3	34.4	.366	49.0	33.0	.603
1934 [2 13]	(1)	40.7	.790	(1)	37.4	.778	(1)	38.6	.754	(1)	37.8	.510	(1)	39.8	.769
1934 [2 14]	(1)	37.5	.803	(1)	31.5	.755	(1)	33.9	.770	(1)	27.9	.531	(1)	30.2	.784

Year	Assemblers, motor, male: Average hours per week: Full time	Assemblers, motor, male: Average hours per week: Actually worked	Assemblers, motor, male: Average earnings per hour	Assemblers, chassis and final, male: Average hours per week: Full time	Assemblers, chassis and final, male: Average hours per week: Actually worked	Assemblers, chassis and final, male: Average earnings per hour	Tool and die makers, male: Average hours per week: Full time	Tool and die makers, male: Average hours per week: Actually worked	Tool and die makers, male: Average earnings per hour	Employees in all occupations [5]: Males: Average hours per week: Full time	Employees in all occupations [5]: Males: Average hours per week: Actually worked	Employees in all occupations [5]: Males: Average earnings per hour	Employees in all occupations [5]: Females: Average hours per week: Full time	Employees in all occupations [5]: Females: Average hours per week: Actually worked	Employees in all occupations [5]: Females: Average earnings per hour
			Dol.			Dol.			Dol.			Dol.			Dol.
1922	50.0	(1)	0.661	50.3	(1)	0.644	50.0	(1)	0.769	50.1	(1)	0.662	50.3	(1)	0.438
1925	49.8	(1)	.747	50.0	(1)	.721	50.2	(1)	.875	50.3	(1)	.729	50.1	(1)	.467
1928	50.1	47.1	.762	49.7	43.7	.768	48.8	51.0	.919	49.4	47.0	.756	50.3	41.1	.487
1930	48.8	31.8	.725	48.0	32.6	.681	49.9	42.9	.887	48.7	34.6	.733	50.6	31.8	.436
1932	48.4	29.3	.632	49.0	26.9	.570	47.0	39.4	.785	48.3	31.9	.638	50.5	30.7	.361
1934 [2 13]	(1)	38.4	.745	(1)	37.6	.720	(1)	39.2	.899	(1)	39.1	.727	(1)	38.2	.519
1934 [2 14]	(1)	32.3	.753	(1)	31.1	.733	(1)	40.8	.933	(1)	34.1	.742	(1)	34.6	.531

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Continued

FOUNDRIES

Year	Pattern makers, male: Average hours per week, Full time	Pattern makers, male: Average hours per week, Actually worked	Pattern makers, male: Average earnings per hour	Core makers, male: Average hours per week, Full time	Core makers, male: Average hours per week, Actually worked	Core makers, male: Average earnings per hour	Core makers, female: Average hours per week, Full time	Core makers, female: Average hours per week, Actually worked	Core makers, female: Average earnings per hour	Laborers, male: Average hours per week, Full time	Laborers, male: Average hours per week, Actually worked	Laborers, male: Average earnings per hour	Molders, hand, floor, male: Average hours per week, Full time	Molders, hand, floor, male: Average hours per week, Actually worked	Molders, hand, floor, male: Average earnings per hour
			Dol.			*Dol.*			*Dol.*			*Dol.*			*Dol.*
1923	51.1	(1)	0.750	51.4	(1)	0.690	49.2	(1)	0.431	53.5	(1)	0.428	51.2	(1)	0.729
1925	50.4	(1)	.804	50.3	(1)	.734	48.6	(1)	.444	52.5	(1)	.481	50.4	(1)	.802
1927	50.3	47.7	.830	50.4	44.3	.755	48.4	40.6	.491	52.1	47.9	.491	49.9	43.8	.820
1929	50.1	48.9	.833	49.9	46.9	.744	49.1	41.6	.469	52.1	50.2	.490	50.0	45.6	.828
1931	49.3	39.8	.834	50.0	31.2	.706	48.6	31.2	.430	50.8	33.6	.460	50.0	29.6	.782
1933 [2]	49.2	38.9	.652	49.0	29.8	.550	48.1	31.5	.324	50.0	27.8	.378	48.9	25.7	.612

FOUNDRIES—Continued

Year	Employees in all occupations [3]: Males: Average hours per week, Full time	Males: Average hours per week, Actually worked	Males: Average earnings per hour	Females: Average hours per week, Full time	Females: Average hours per week, Actually worked	Females: Average earnings per hour
1923	52.4	(1)	0.560	49.3	(1)	0.404
1925	51.5	(1)	.612	49.0	(1)	.427
1927	51.1	46.6	.626	49.0	41.2	.459
1929	51.0	48.8	.625	49.7	42.3	.451
1931	50.3	33.5	.601	48.7	29.4	.422
1933 [2]	49.4	29.4	.483	48.3	30.2	.314

MACHINE SHOPS

Year	Lathe operators, engine, male: Average hours per week, Full time	Lathe operators, engine, male: Average hours per week, Actually worked	Lathe operators, engine, male: Average earnings per hour	Machinists, male: Average hours per week, Full time	Machinists, male: Average hours per week, Actually worked	Machinists, male: Average earnings per hour	Fitters and bench hands, male: Average hours per week, Full time	Fitters and bench hands, male: Average hours per week, Actually worked	Fitters and bench hands, male: Average earnings per hour
1923	50.9	(1)	0.633	50.0	(1)	0.683	49.9	(1)	0.616
1925	50.3	(1)	.663	49.9	(1)	.702	49.8	(1)	.643
1927	50.2	48.0	.695	49.5	47.7	.728	49.5	48.1	.662
1929	50.3	50.2	.717	49.8	50.2	.739	49.8	50.5	.677
1931	50.0	36.8	.706	49.0	40.4	.733	49.5	38.0	.666
1933 [2]	48.8	33.5	.578	48.3	36.7	.606	48.5	33.7	.562

MACHINE SHOPS—Continued

Year	Assemblers, male: Average hours per week, Full time	Assemblers, male: Average hours per week, Actually worked	Assemblers, male: Average earnings per hour	Laborers, male: Average hours per week, Full time	Laborers, male: Average hours per week, Actually worked	Laborers, male: Average earnings per hour	Tool makers, male: Average hours per week, Full time	Tool makers, male: Average hours per week, Actually worked	Tool makers, male: Average earnings per hour	Employees in all occupations [4]: Males: Average hours per week, Full time	Employees in all occupations [4]: Males: Average hours per week, Actually worked	Employees in all occupations [4]: Males: Average earnings per hour	Employees in all occupations [4]: Females: Average hours per week, Full time	Employees in all occupations [4]: Females: Average hours per week, Actually worked	Employees in all occupations [4]: Females: Average earnings per hour
1923	50.6	(1)	0.575	51.1	(1)	0.418	50.4	(1)	0.693	50.8	(1)	0.560	49.1	(1)	0.366
1925	49.6	(1)	.634	50.6	(1)	.456	50.0	(1)	.727	50.4	(1)	.604	49.3	(1)	.420
1927	50.1	47.9	.653	50.4	48.6	.456	49.7	48.5	.756	50.1	48.3	.629	48.9	44.8	.403
1929	50.1	49.7	.657	50.5	50.5	.469	50.0	50.4	.780	50.3	50.4	.641	49.3	46.1	.399
1931	49.9	37.9	.656	50.3	38.6	.455	49.4	41.9	.768	49.8	38.2	.637	49.2	38.8	.408
1933 [2]	48.3	34.0	.538	48.8	33.0	.379	48.6	36.8	.643	48.5	34.6	.545	47.4	34.2	.351

SLAUGHTERING AND MEAT PACKING [7]

Cattle killing department

Year	Headers, male: Average hours per week, Full time	Headers, male: Average hours per week, Actually worked	Headers, male: Average earnings per hour	Leg breakers, male: Average hours per week, Full time	Leg breakers, male: Average hours per week, Actually worked	Leg breakers, male: Average earnings per hour	Floormen or siders, male: Average hours per week, Full time	Floormen or siders, male: Average hours per week, Actually worked	Floormen or siders, male: Average earnings per hour	Rumpers, male: Average hours per week, Full time	Rumpers, male: Average hours per week, Actually worked	Rumpers, male: Average earnings per hour	Gutters and bung droppers, male: Average hours per week, Full time	Gutters and bung droppers, male: Average hours per week, Actually worked	Gutters and bung droppers, male: Average earnings per hour
1917	(1)	(1)	0.384	(1)	(1)	0.318	(1)	(1)	0.563	(1)	(1)	0.463	(1)	(1)	0.319
1921	47.6	(1)	.645	47.8	(1)	.574	48.0	(1)	.848	47.8	(1)	.743	47.8	(1)	.578
1923	52.1	(1)	.627	52.8	(1)	.529	52.6	(1)	.849	52.3	(1)	.740	52.5	(1)	.554
1925	50.0	(1)	.641	49.9	(1)	.558	49.9	(1)	.856	50.1	(1)	.749	50.1	(1)	.575
1927	49.0	44.4	.662	49.1	44.1	.556	49.2	43.9	.877	49.5	44.4	.761	49.0	44.1	.587
1929	48.8	44.8	.644	48.7	43.1	.580	48.7	44.1	.882	49.1	44.9	.755	48.9	44.6	.598
1931	49.1	41.9	.592	48.7	40.7	.512	48.9	41.2	.800	49.1	41.8	.684	49.1	41.4	.517

Cattle killing department—Contd. / Hog killing department

Year	Splitters, male: Average hours per week, Full time	Splitters, male: Average hours per week, Actually worked	Splitters, male: Average earnings per hour	Laborers, male [15]: Average hours per week, Full time	Laborers, male [15]: Average hours per week, Actually worked	Laborers, male [15]: Average earnings per hour	Stickers, male: Average hours per week, Full time	Stickers, male: Average hours per week, Actually worked	Stickers, male: Average earnings per hour	Scalders, male [16]: Average hours per week, Full time	Scalders, male [16]: Average hours per week, Actually worked	Scalders, male [16]: Average earnings per hour	Shavers and scrapers, male: Average hours per week, Full time	Shavers and scrapers, male: Average hours per week, Actually worked	Shavers and scrapers, male: Average earnings per hour
1917	(1)	(1)	0.591	(1)	(1)	0.238	(1)	(1)	0.357	(1)	(1)	0.295	(1)	(1)	0.290
1921	47.8	(1)	.855	47.8	(1)	.471	49.6	(1)	.611	48.8	(1)	.516	48.9	(1)	.502
1923	52.5	(1)	.857	52.2	(1)	.436	53.0	(1)	.652	52.1	(1)	.496	52.5	(1)	.497
1925	50.0	(1)	.855	50.2	(1)	.442	51.8	(1)	.627	51.9	(1)	.514	51.4	(1)	.523
1927	49.1	45.0	.876	49.4	44.1	.451	50.3	48.1	.631	50.5	46.2	.521	50.6	44.1	.535
1929	48.7	45.8	.879	48.6	42.9	.466	50.0	48.2	.645	50.2	47.7	.516	49.9	45.2	.528
1931	48.9	42.1	.780	49.0	42.3	.408	50.0	44.8	.565	50.4	46.4	.475	50.1	43.1	.480

For footnotes, see p. 312.

No. 343.—Average Hours and Earnings in Manufacturing Industries—Con

SLAUGHTERING AND MEAT PACKING—Continued

Year	Hog killing department—Continued: Gutters, bung droppers, rippers *open*, male: Average hours per week: Full time	Gutters, bung droppers, rippers *open*, male: Average hours per week: Actually worked	Gutters, bung droppers, rippers *open*, male: Average earnings per hour	Splitters, male: Average hours per week: Full time	Splitters, male: Average hours per week: Actually worked	Splitters, male: Average earnings per hour	Laborers, male [15]: Average hours per week: Full time	Laborers, male [15]: Average hours per week: Actually worked	Laborers, male [15]: Average earnings per hour	Employees in all occupations, 13 departments [5 17]: Males: Average hours per week: Full time	Males: Average hours per week: Actually worked	Males: Average earnings per hour	Females: Average hours per week: Full time	Females: Average hours per week: Actually worked	Females: Average earnings per hour
			Dol.			*Dol.*			*Dol.*			*Dol.*			*Dol.*
1917	(1)	(1)	0.337	(1)	(1)	0.364	(1)	(1)	0.237	(1)	(1)	0.271	(1)	(1)	0.178
1921	48.7	(1)	.584	48.8	(1)	.621	48.8	(1)	.451	48.4	(1)	.511	48.3	(1)	.365
1923	52.4	(1)	.572	52.3	(1)	.627	52.2	(1)	.444	52.2	(1)	.499	52.8	(1)	.361
1925	51.9	(1)	.590	51.5	(1)	.635	51.7	(1)	.433	50.2	(1)	.507	49.4	(1)	.359
1927	50.4	44.5	.589	50.1	46.3	.630	51.0	44.7	.442	49.5	47.7	.517	49.1	44.4	.363
1929	50.0	47.7	.602	49.9	50.1	.654	49.8	46.4	.443	49.3	48.5	.525	48.9	44.9	.369
1931	50.3	45.6	.527	49.8	46.5	.583	49.6	44.8	.400	49.2	45.9	.470	48.9	42.4	.321

BAKERIES [7]

Year	Bread department: Mixers, male: Average hours per week: Full time	Mixers, male: Average hours per week: Actually worked	Mixers, male: Average earnings per hour	Bench hands, or hand bakers, male: Average hours per week: Full time	Bench hands, or hand bakers, male: Average hours per week: Actually worked	Bench hands, or hand bakers, male: Average earnings per hour	Dividers or scalers and rounders, male: Average hours per week: Full time	Dividers or scalers and rounders, male: Average hours per week: Actually worked	Dividers or scalers and rounders, male: Average earnings per hour	Molders, male: Average hours per week: Full time	Molders, male: Average hours per week: Actually worked	Molders, male: Average earnings per hour	Oven men [19]: Average hours per week: Full time	Oven men [19]: Average hours per week: Actually worked	Oven men [19]: Average earnings per hour
1931	51.7	51.5	0.676	51.0	48.0	0.659	51.7	50.7	0.502	51.8	50.1	0.538	51.3	49.5	0.666
1933 [2]	(1)	50.5	.564	(1)	43.6	.517	(1)	49.6	.512	(1)	49.0	.468	(1)	48.8	.560
1933 [3]	(1)	44.4	.636	(1)	39.5	.559	(1)	43.3	.548	(1)	41.9	.517	(1)	42.8	.628
1934	(1)	40.3	.703	(1)	35.5	.638	(1)	39.1	.619	(1)	38.2	.583	(1)	39.0	.701

Year	Bread department—Continued: Packers, male: Average hours per week: Full time	Packers, male: Average hours per week: Actually worked	Packers, male: Average earnings per hour	Employees in all occupations [5]: Males: Average hours per week: Full time	Employees in all occupations [5]: Males: Average hours per week: Actually worked	Employees in all occupations [5]: Males: Average earnings per hour	Employees in all occupations [5]: Females: Average hours per week: Full time	Employees in all occupations [5]: Females: Average hours per week: Actually worked	Employees in all occupations [5]: Females: Average earnings per hour	Cake and other sweet-goods dept. [20]: Cake makers, male: Average hours per week: Full time	Cake makers, male: Average hours per week: Actually worked	Cake makers, male: Average earnings per hour	Finishers, male: Average hours per week: Full time	Finishers, male: Average hours per week: Actually worked	Finishers, male: Average earnings per hour
1931	52.5	50.9	0.483	55.0	54.0	0.553	50.1	46.7	0.298	51.9	49.8	0.578	50.6	49.4	0.447
1933 [2]	(1)	47.3	.393	(1)	51.6	.469	(1)	43.4	.330	(1)	48.0	.533	(1)	47.4	.459
1933 [3]	(1)	41.2	.448	(1)	47.1	.523	(1)	40.7	.376	(1)	43.3	.587	(1)	41.8	.531
1934	(1)	38.1	.488	(1)	44.8	.570	(1)	39.2	.392	(1)	40.8	.634	(1)	40.8	.539

Year	Cake and other sweet-goods department—Continued: Finishers, female: Average hours per week: Full time	Finishers, female: Average hours per week: Actually worked	Finishers, female: Average earnings per hour	Wrappers and packers, male: Average hours per week: Full time	Wrappers and packers, male: Average hours per week: Actually worked	Wrappers and packers, male: Average earnings per hour	Wrappers and packers, female: Average hours per week: Full time	Wrappers and packers, female: Average hours per week: Actually worked	Wrappers and packers, female: Average earnings per hour	Employees in all occupations [5]: Males: Average hours per week: Full time	Males: Average hours per week: Actually worked	Males: Average earnings per hour	Females: Average hours per week: Full time	Females: Average hours per week: Actually worked	Females: Average earnings per hour
1931	50.0	46.1	0.272	52.1	51.3	0.366	50.1	42.4	0.278	51.8	49.9	0.486	50.1	44.1	0.275
1933 [2]	(1)	40.4	.260	(1)	41.5	.366	(1)	41.3	.249	(1)	47.9	.489	(1)	42.0	.274
1933 [3]	(1)	36.2	.319	(1)	38.6	.415	(1)	38.1	.311	(1)	43.7	.531	(1)	38.5	.330
1934	(1)	35.7	.355	(1)	37.6	.450	(1)	35.0	.346	(1)	41.2	.565	(1)	36.0	.304

[1] Data are not available or the general index was not computed.
[2] Data are for a pay period before the adoption of the National Recovery Administration code.
[3] Data are for a pay period after the adoption of the National Recovery Administration code.
[4] Figures for 1907 to 1930 inclusive (except those for 1930 in italics), exclude the southern mills; the figures for 1930 in italics and those for later years include the southern mills.
[5] Covers all occupations of industry or branch of industry indicated, including those not here shown.
[6] Beginning 1933 includes all dyehouse laborers theretofore included with the various textile industries.
[7] Data available only for years shown, see head note. [8] Including undertrimmers and barber trimmers.
[9] Cabinetmakers only; data are not available for assemblers. [10] Includes doublers, hand, prior to 1929.
[11] Indexes not computed prior to 1913; however, earlier basic data are available except for puddling mills.
[12] For puddling mills, 1914 data. [13] Data are for 1 week in April 1934, the period of high production.
[14] Data are for 1 week in September 1934, the period of low production.
[15] Includes floor cleaners, mark heads, spread cattle, tie guts, laundrymen, taggers, etc.
[16] Includes tubmen, droppers, gamb cutters, polemen, and duckers.
[17] Includes cattle, hog, sheep, and calf *killing*, *offal*, *hide*, *casing*, *cutting of fresh beef*, *cutting* of fresh pork, lard and oleo oil, sausage, cured meat, canning, and maintenance and repair departments.
[18] Includes drivers, penners, steamers, singers, washers, aitchbone breakers, and toe pullers.
[19] Includes oven men for the "Cake and other sweet-goods department" not reported separately since 1931.
[20] Data for 1931 do not include pies, which were added for the first time in 1933.

Source: Bureau of Labor Statistics, Department of Labor.

No. 344.—AVERAGE HOURS ACTUALLY WORKED IN 1 WEEK AND AVERAGE EARNINGS PER HOUR IN SUNDRY INDUSTRIES

NOTE.—Data are for a representative pay period of 1 week in each year. Data are not collected annually, but at intervals, and comparable figures are available only for the years shown. All averages are weighted according to the number of employees in each occupation in the industry

Industry and year	Hours, average		Earnings, average	
	Males	Females	Males	Females
			Cents	*Cents*
Air transportation:				
Ground personnel:				
1931	[1] 49.5	[1] 48.0	64.5	49.7
1933 [2]	[1] 49.8	[1] 46.8	61.3	45.7
Pilots: [3]				
1931	80.4	-------	708.4	-------
1933 [2]	85.3	-------	736.1	-------
Copilots: [4]				
1931	170.0	-------	134.1	-------
1933 [2]	124.9	-------	185.1	-------
Motor transportation (intercity only), 1933 [2]:				
Bus	50.4	45.4	54.1	37.9
Truck	50.7	44.8	45.7	36.7
Tobacco:				
Cigarettes:				
1930	46.8	43.4	37.8	26.9
1933 [2]	34.9	28.9	37.0	23.1
1935 [5]	34.6	32.6	48.4	37.3
Smoking, chewing, and snuff:				
1933 [2]	37.5	36.6	41.6	28.3
1935 [5]	36.6	33.5	49.6	36.7
Glass, 1932	37.3	37.9	49.0	24.9
Leather, 1932	42.1	40.9	49.3	30.3
Motor vehicle parts and equipment: [6]				
1934 [6]	38.0	34.9	64.9	46.0
1934 [7]	32.0	29.1	66.1	46.0
Petroleum, 1934: [6]				
Drilling and production	36.2	36.8	78.0	68.4
Pipe lines	35.3	37.7	77.8	61.3
Refining	35.5	38.3	75.2	58.8
Portland cement:				
1929	56.7	46.6	51.8	38.9
1932	45.8	27.2	40.1	38.6
Pottery:				
Semivitreous:				
1925	[8] 74.4	[8] 69.0	70.5	38.5
1932	[8] 59.3	[8] 54.6	53.5	29.2
Vitreous:				
1925	[8] 83.5	[8] 77.4	63.8	32.9
1932	[8] 45.8	[8] 40.7	54.6	26.4
Rayon and other synthetic textiles:				
1930	46.7	42.3	50.4	34.4
1932	47.9	44.3	40.8	28.3

[1] Average credited hours per week. [2] Data are for a pay period before adoption of N. R. A. code.
[3] Average hours actually flown in 1 month and average earnings per flight hour.
[4] Average full-time hours in 1 month and earnings per hour on duty regardless of actual flight.
[5] Pay period after adoption of N. R. A. code. [6] Data for week in April, the high production period.
[7] Data for week in September, the low production period. [8] Average actual hours worked in 2 weeks

No. 345.—AVERAGE FULL-TIME HOURS OF LABOR PER WEEK AND AVERAGE EARNINGS PER HOUR IN MINING INDUSTRIES

NOTE.—Nearly all coal mines operate on a 48-hour week, but contract miners and their laborers in anthracite mines, and loaders, hand or pick miners, and machine miners in bituminous mines, generally work less hours. General averages are weighted according to the number of employees in each occupation in the industry. Data are for a representative pay period of 1 week in each year; they are not collected annually, but at intervals, and comparable figures are available only for the years shown, except for bituminous coal mines, for which 1926 data are also shown in the 1933 Statistical Abstract

Industry and occupation	1924	1931
Metalliferous mines:		
Average hours—		
General average	53.0	51.6
Drilling-machine operators—		
Company	51.4	49.5
Contract	48.6	49.1
Muckers	52.7	50.2
Timbermen	51.5	48.7
Topmen	55.3	54.9
Trammers	50.9	48.9
Average earnings—	*Cents*	*Cents*
General average	55.9	55.9
Drilling-machine operators—		
Company	59.4	64.6
Contract	72.9	69.4
Muckers	55.4	50.5
Timbermen	60.4	60.2
Topmen	42.8	40.0
Trammers	55.0	52.4

Industry and occupation	1922	1924	1929	1931	1933 [1]
Anthracite: [2]					
Average earnings—	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
General average	75.3	85.7	-------	82.4	-------
Company miners	60.7	79.5	-------	76.9	-------
Laborers	62.9	69.6	-------	68.5	-------
Contract miners	117.3	143.2	-------	118.0	-------
Laborers	82.9	97.1	-------	83.3	-------
Drivers	58.0	63.2	-------	64.5	-------
Trackmen	67.5	74.1	-------	74.0	-------
Bituminous coal:					
Average earnings—					
General average [3]	85.3	78.8	65.9	59.8	41.0
Brakemen [2]	77.9	71.0	59.6	57.6	42.1
Drivers [2]	82.4	74.8	63.7	60.2	45.2
Loaders, hand [4]	90.2	81.1	64.8	56.1	36.9
Miners, hand or pick [4]	84.0	80.8	67.3	58.9	37.6
Miners, machine [4]	127.4	116.3	101.8	94.0	62.6
Trackmen [2]	82.6	73.7	63.5	60.8	44.6

[1] Data are for a pay period before the adoption of the National Recovery Administration code.
[2] Based on hours actually worked, excluding lunch time.
[3] Based on a combination of hours at place of work in mine, including lunch time for loaders and miners, and hours actually worked for all other employees.
[4] Based on hours actually worked, plus lunch time.

Source of tables 344 and 345: Bureau of Labor Statistics, Department of Labor.

No. 346.—AVERAGE HOURLY WAGE RATES PAID COMMON LABOR

NOTE.—Rates in cents per hour. Data are based on entrance rates paid unskilled adult males in important industries requiring considerable numbers of common laborers. Some establishments reported two rates—one for the 10-hour and one for the 8-hour day, or one for white and one for colored or Mexican workers; these distinctions have not been maintained in the tabulated data, although it is apparent that the lowest rates are shown for those geographic divisions where there are large numbers of colored or Mexican workers, and the highest, for localities where an 8-hour day is more or less prevalent

Industry and geographic division	July 1—								
	1926	1927	1928	1929	1930	1931	1932	1933	1934
Industries reporting	42.8	42.6	44.9	43.7	43.1	41.2	38.1	35.0	43.0
Automobiles	46.1	46.3	57.2	49.9	48.2	57.7	62.0	46.5	54.9
Brick, tile, and terra cotta	40.7	42.2	39.4	37.8	38.0	33.9	28.9	24.7	36.9
Cement	40.1	39.2	37.2	37.8	37.9	37.2	30.6	29.5	44.7
Electrical machinery, apparatus, and supplies	43.1	44.2	46.0	45.9	44.8	42.9	39.6	37.1	43.5
Foundry and machine-shop products	37.1	37.8	38.4	39.8	39.0	38.2	34.8	31.8	40.1
Iron and steel	42.7	43.2	42.5	42.5	42.1	41.8	31.8	33.6	43.2
Leather	40.9	41.4	42.3	42.2	41.9	39.1	32.9	31.6	39.3
Lumber (sawmills)	33.6	32.2	31.7	32.0	31.6	27.7	21.5	20.8	33.1
Paper and pulp	42.8	42.5	44.3	44.0	43.2	37.2	35.6	32.6	40.3
Petroleum refining	47.9	44.0	45.4	45.7	48.1	47.5	42.1	40.7	52.6
Slaughtering and meat packing	41.5	41.7	42.2	42.0	41.8	41.7	34.6	32.3	43.9
Public utilities [1]	42.0	39.8	42.9	42.8	44.6	44.6	41.5	38.7	41.8
General contracting [2]	47.1	48.2	47.4	48.3	47.0	42.6	39.9	38.3	45.5
United States	42.8	42.6	44.9	43.7	43.1	41.2	38.1	35.0	43.0
New England	47.1	46.7	48.2	48.0	49.5	45.4	40.4	37.1	43.3
Middle Atlantic	45.1	47.2	47.8	46.4	46.1	45.1	40.4	36.7	45.2
East North Central	48.0	46.7	51.6	48.4	47.0	45.2	45.0	38.7	47.0
West North Central	40.1	40.6	41.3	41.8	40.6	42.9	35.8	34.5	43.2
South Atlantic	32.8	31.5	29.4	30.2	32.1	28.9	23.4	25.3	33.6
East South Central	27.6	27.0	26.0	26.8	26.7	25.2	21.0	25.7	34.1
West South Central	32.5	31.8	33.8	35.0	33.0	29.9	23.7	23.4	32.7
Mountain	44.4	44.4	44.0	44.9	45.2	43.1	39.3	42.3	46.4
Pacific	45.9	46.5	46.9	47.9	47.6	43.5	40.2	38.0	46.9

[1] Includes street railways, gas works, waterworks, and electric power and light plants.
[2] Includes building, highway, public works, and railroad construction.

No. 347.—WAGE RATES OF COMMON LABOR IN ROAD BUILDING

NOTE.—Rates in cents per hour. Data from January 1922 through February 1932 compiled from Federal-aid project reports; since then State project reports have been included. Earlier data included reports on farm labor or other forms of common labor closely correlated, as reported to the Department of Agriculture and the Department of Labor

Year and month	United States, average	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
1915	20	20	20	14	12	16	21	25	26	26
1918	36	39	38	27	23	28	39	45	44	45
1919	41	41	41	32	28	36	43	53	47	52
1920	49	49	50	37	32	40	53	62	55	60
1921	36	38	35	26	25	28	35	45	46	50
1922	32	39	37	21	20	24	31	31	37	48
1923	38	51	45	25	22	25	39	34	42	54
1924	38	50	45	28	24	27	40	36	41	52
1925	38	46	45	27	25	27	37	38	44	52
1926	39	50	46	30	25	27	38	38	43	52
1927	39	49	47	28	25	30	39	38	45	53
1928	40	50	44	26	26	28	39	38	46	53
1929	39	51	43	27	26	31	40	38	46	53
1930	39	50	42	26	25	28	38	37	47	53
1931	36	45	38	21	20	23	37	36	45	51
1932	32	36	36	19	19	26	37	34	44	48
1933	35	36	36	23	20	28	41	35	44	52
March	32	34	36	21	19	27	40	34	43	50
June	33	33	35	23	20	28	39	34	42	49
September	37	38	36	25	20	28	43	36	44	52
December	38	39	39	25	23	31	45	38	47	53
1934	41	43	42	30	29	34	50	43	54	57
March [1]	42	44	42	31	30	35	50	41	55	57
June	43	43	41	31	30	35	51	42	55	57
September	41	44	42	32	30	34	50	45	56	58
December	40	42	42	32	30	34	52	48	55	57

[1] Increase in wage rates beginning March 1934 was due to provisions of the National Recovery Act, which required State highway departments to fix minimum wage scales.

Sources: Table 346, Bureau of Labor Statistics, Department of Labor; table 347, Bureau of Public Roads, Department of Agriculture.

No. 348.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES

NOTE.—Monthly average, 1923–1925=100. Indexes are currently based on monthly reports from establishments representing 90 industries beginning 1931 (52 to 62 industries in earlier years) and employing approximately 50 percent of all factory employees in the United States. The indexes in the following table and in tables 349 to 352 have been adjusted to conform with the Federal Biennial Census data on employment and pay rolls through the year 1931. Indexes are weighted according to the average number of employees and the average weekly pay rolls in the base period 1923–1925 in each of the component industries and are without seasonal adjustment. For a detailed description of the construction of these indexes refer to Bulletin No. 610, published by the United States Bureau of Labor Statistics. See table 349 for seasonally adjusted indexes of employment

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
EMPLOYMENT													
1919	105.3	102.0	102.4	102.5	103.1	104.3	106.9	109.7	111.7	111.3	112.6	114.4	107.2
1920	114.9	113.7	110.0	114.5	112.0	111.1	108.5	108.8	107.5	103.7	97.4	89.7	108.2
1921	81.0	82.6	83.2	82.1	81.9	81.0	79.8	81.2	83.4	84.1	84.2	83.3	82.3
1922	82.5	84.6	85.9	85.8	87.9	89.8	88.2	91.4	94.5	97.0	99.0	100.5	90.6
1923	100.7	102.5	104.6	105.0	105.3	106.0	104.9	105.2	105.7	104.5	103.2	101.4	104.1
1924	100.2	101.5	101.7	99.9	96.8	93.8	91.0	92.1	94.4	95.3	94.8	96.1	96.5
1925	96.3	98.1	98.8	98.7	98.1	98.0	97.8	99.5	101.5	102.2	101.8	101.5	99.4
1926	100.5	101.5	102.1	101.4	100.4	100.3	99.4	101.4	103.4	103.1	101.4	100.0	101.2
1927	98.2	99.7	100.2	99.6	99.1	99.1	98.1	99.3	100.5	99.6	97.4	96.1	98.9
1928	95.0	96.5	97.6	97.1	97.0	97.8	97.7	100.1	102.2	102.6	101.7	101.2	98.9
1929	100.8	102.9	104.1	105.3	105.3	105.6	106.1	107.9	109.0	107.7	103.6	99.8	104.8
1930	97.3	97.4	96.9	96.3	94.8	92.9	89.5	88.8	89.6	87.7	84.6	82.3	91.5
1931	79.6	80.3	80.7	80.7	80.1	78.4	77.0	77.1	77.4	74.4	71.8	71.0	77.4
1932	68.7	69.5	68.4	66.1	63.4	61.2	58.9	60.1	63.3	64.4	63.4	62.1	64.1
1933	60.2	61.1	58.8	59.9	62.6	66.9	71.5	76.4	80.0	79.6	76.2	74.4	69.0
1934	73.3	77.7	80.8	82.4	82.5	81.1	78.7	79.5	75.8	78.4	76.8	78.0	78.8
1935	78.7	81.2	82.4	82.4	81.1	79.6	79.5						
PAY ROLLS													
1919	95.3	89.6	90.0	89.2	90.0	92.0	94.8	99.9	104.7	102.2	106.7	114.0	97.4
1920	117.2	116.5	123.7	120.9	122.4	124.2	119.3	121.6	119.8	115.8	107.0	98.0	117.1
1921	82.8	81.3	81.7	79.0	77.3	75.4	71.7	73.9	73.4	72.6	71.7	73.3	76.2
1922	69.6	72.4	74.9	73.8	77.2	80.5	78.5	83.0	87.0	89.5	93.4	95.7	81.3
1923	94.6	97.9	102.5	103.8	107.3	107.5	103.3	103.8	104.3	106.6	104.5	102.9	103.3
1924	98.8	104.1	104.1	101.8	97.5	92.4	85.7	89.3	92.5	95.1	93.7	97.6	96.1
1925	95.4	100.8	102.4	100.0	100.7	98.7	96.8	99.3	98.8	104.6	104.6	105.2	100.6
1926	100.9	105.0	106.5	104.4	103.1	103.3	99.0	103.4	104.4	107.6	104.1	103.5	103.8
1927	98.4	104.4	105.7	104.5	104.0	102.4	98.5	101.9	101.4	102.1	98.5	99.5	101.8
1928	96.0	101.2	102.5	100.5	101.3	101.7	99.0	103.3	104.7	108.2	105.0	105.6	102.4
1929	102.3	109.3	111.6	112.6	112.9	111.2	107.2	112.0	112.9	112.4	104.1	100.7	109.1
1930	95.9	98.8	98.8	97.7	95.4	92.3	84.3	83.3	84.1	82.2	76.8	75.2	88.7
1931	70.0	74.3	75.6	74.4	73.4	69.7	66.2	65.9	63.4	61.3	58.1	57.6	67.5
1932	53.5	54.6	53.1	49.5	46.8	43.4	39.8	40.6	42.9	44.7	42.9	41.5	46.1
1933	39.5	40.2	37.1	38.8	42.7	47.2	50.8	56.8	59.1	59.4	55.5	54.5	48.5
1934	54.0	60.6	64.8	67.3	67.1	64.9	60.5	62.2	58.0	61.0	59.5	63.2	61.9
1935	64.1	69.1	70.7	70.8	68.5	66.4	65.3						

Source: Bureau of Labor Statistics, Department of Labor.

No. 349.—INDEXES OF EMPLOYMENT IN MANUFACTURING INDUSTRIES: ADJUSTED FOR SEASONAL VARIATIONS

NOTE.—Monthly average, 1923–1925=100. Indexes are based upon the data shown in table 348. For a description of the methods of adjustment see the Federal Reserve Board Bulletin for June 1934, p. 324

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1919	107.5	103.2	102.1	102.5	103.4	104.4	107.1	108.4	109.4	109.2	111.7	114.5
1920	117.2	115.0	115.7	114.4	112.3	111.2	108.6	107.4	105.2	101.9	96.4	89.6
1921	82.4	83.3	82.9	82.1	82.1	81.4	80.3	80.6	81.9	82.6	83.4	83.3
1922	84.0	85.3	85.8	86.1	88.2	90.1	88.8	90.7	92.8	95.6	98.3	100.6
1923	102.6	103.1	104.1	104.7	105.4	106.4	105.9	105.1	104.0	103.4	103.2	102.0
1924	101.8	101.8	101.1	99.6	96.9	94.3	92.0	92.1	92.9	94.0	94.7	96.6
1925	97.8	98.4	98.4	98.5	98.3	98.6	99.0	99.3	99.6	100.7	101.7	102.2
1926	102.3	101.9	101.7	101.1	100.7	100.9	100.5	101.1	101.4	101.5	101.3	100.8
1927	100.0	100.2	99.9	99.5	99.4	99.5	99.2	98.9	98.4	97.8	97.4	97.0
1928	96.8	97.1	97.3	97.0	97.3	98.1	98.4	99.4	99.9	100.7	101.8	102.3
1929	103.1	103.6	104.0	105.1	105.4	105.9	107.0	107.2	106.3	105.5	103.6	101.0
1930	99.4	98.1	96.8	96.1	94.9	93.2	90.3	88.2	87.0	85.8	84.7	83.3
1931	81.7	81.1	81.0	80.6	80.3	78.8	78.0	76.8	75.2	72.9	71.6	71.5
1932	70.2	70.1	68.4	66.1	63.7	61.6	59.6	60.0	61.8	63.0	63.2	62.4
1933	61.4	61.7	58.9	59.9	62.9	67.4	72.5	76.4	78.0	77.8	75.9	75.0
1934	75.1	78.4	81.0	82.3	82.6	81.5	79.5	79.3	73.9	76.8	76.7	78.9
1935	80.5	81.9	82.4	82.3	81.2	79.9	80.4					

Source: Federal Reserve Board.

No. 350.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING ESTABLISHMENTS: BY GROUPS OF INDUSTRIES

NOTE.—Monthly average, 1923–1925=100. See headnote, table 348

Year and month	Food and kindred products		Textiles and their products		Lumber and allied products		Paper and printing		Chemicals and allied products		Rubber products		Leather and manufactures	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1919	109.8	97.6	98.8	89.8	94.1	89.3	96.0	73.1	(1)	(1)	(1)	(1)	108.1	99.9
1920	106.7	109.6	99.0	107.7	89.4	109.9	103.4	99.1	(1)	(1)	(1)	(1)	98.5	106.5
1921	93.7	94.1	92.6	89.3	70.6	69.7	88.0	82.5	(1)	(1)	(1)	(1)	86.6	86.5
1922	97.5	92.8	97.3	91.4	97.4	82.2	92.2	85.9	(1)	(1)	(1)	(1)	97.3	93.1
1923	102.1	100.4	105.2	105.8	101.5	100.0	99.2	96.2	102.9	102.2	102.6	101.0	106.6	106.9
1924	98.4	99.4	94.9	93.8	98.1	98.4	99.7	99.5	96.7	96.3	91.8	92.9	96.3	95.3
1925	99.5	100.2	99.9	100.4	100.4	101.6	101.1	104.3	100.4	101.5	105.6	106.1	97.1	97.8
1926	99.5	101.8	99.9	100.2	100.4	102.5	104.1	110.8	106.7	108.8	105.1	107.0	96.6	98.9
1927	101.7	104.0	104.0	106.8	94.1	96.7	104.1	111.0	104.1	107.9	105.7	110.0	97.7	100.3
1928	105.8	107.6	101.3	101.7	92.4	94.2	105.0	112.3	102.9	108.1	111.1	117.5	95.6	95.8
1929	112.8	113.9	104.8	105.2	95.4	97.4	111.3	119.5	115.6	121.0	111.0	115.1	98.5	99.0
1930	109.4	108.9	92.9	85.0	76.1	72.3	108.0	114.6	109.5	112.2	85.9	84.7	91.2	82.3
1931	97.4	93.0	87.2	75.1	56.3	46.6	96.3	97.3	95.1	91.8	73.9	62.5	84.3	72.1
1932	86.4	74.2	76.7	53.5	41.1	25.1	85.0	74.8	84.0	70.4	65.4	44.9	79.0	58.1
1933	94.4	76.2	87.9	61.2	44.2	26.4	86.2	69.3	94.7	74.3	73.9	50.2	83.3	62.9
1934	106.5	92.4	91.2	71.2	48.7	32.7	94.9	79.6	108.6	89.4	82.9	63.7	87.8	73.9
1933														
January	79.1	64.6	77.9	48.3	36.4	18.8	81.6	60.7	84.0	66.4	61.8	36.9	76.7	49.3
February	78.2	63.0	80.9	52.6	36.0	18.3	81.5	65.6	85.4	66.4	62.2	37.2	80.9	56.5
March	77.0	60.8	76.0	45.2	34.3	16.4	80.0	63.1	84.9	65.3	59.8	32.6	80.1	53.1
April	83.0	67.5	78.3	49.0	35.0	17.8	79.8	62.2	86.4	65.1	59.6	35.0	78.3	51.8
May	85.1	70.4	82.3	52.0	37.9	20.7	80.6	64.9	85.7	68.0	62.4	43.7	79.9	57.3
June	89.7	73.5	89.7	59.3	42.7	24.8	82.3	66.4	87.9	71.3	69.2	53.3	83.4	64.8
July	94.5	76.8	95.4	64.4	46.0	27.3	84.1	67.9	92.3	74.1	77.4	60.4	89.5	72.4
August	105.4	82.1	97.8	74.1	50.4	32.4	88.7	71.0	99.1	77.9	86.6	61.9	92.9	78.2
September	120.9	94.8	98.2	78.7	54.3	37.3	92.7	74.7	106.0	81.5	88.8	61.4	90.7	77.5
October	115.9	91.1	97.7	77.4	55.2	38.1	94.5	76.0	109.1	85.5	88.7	62.9	88.9	72.3
November	104.8	85.3	92.9	69.7	52.3	33.6	94.2	75.6	108.4	84.6	86.7	58.3	79.1	60.1
December	99.2	84.4	88.0	64.0	49.8	31.0	94.5	77.2	107.6	84.9	83.9	59.0	78.7	61.1
1934														
January	94.1	80.7	88.2	94.8	45.6	27.4	92.4	74.3	107.9	84.5	82.0	58.7	82.9	67.5
February	93.9	81.1	96.8	77.9	47.1	30.5	93.1	76.0	110.6	87.2	84.6	65.2	90.3	81.7
March	96.2	82.2	100.0	82.6	48.5	31.9	93.7	77.7	112.8	89.1	87.1	70.5	92.7	84.4
April	97.2	83.1	99.1	79.8	49.4	33.3	95.1	77.7	113.3	92.3	90.0	73.4	92.3	82.1
May	90.5	87.2	96.1	74.1	51.0	34.5	95.9	80.6	109.1	88.3	89.1	70.3	91.4	78.9
June	105.1	91.9	90.9	66.4	50.0	33.9	94.7	78.9	104.5	88.1	85.6	66.5	87.7	72.9
July	110.1	95.6	85.9	62.5	48.8	31.6	93.4	77.3	105.3	88.7	83.9	61.9	89.4	77.2
August	122.1	105.1	88.2	68.1	49.0	33.5	93.8	78.4	106.9	90.0	80.7	58.8	91.1	78.7
September	127.1	109.3	73.1	57.5	49.3	33.9	95.3	80.3	108.6	89.9	78.4	56.1	85.7	69.2
October	119.1	103.4	92.3	74.7	49.5	35.2	96.4	82.7	109.4	91.6	77.4	58.3	83.4	64.3
November	109.0	96.1	90.9	71.1	48.6	33.6	96.8	82.7	108.6	90.9	76.6	58.1	81.6	61.0
December	103.8	92.9	92.8	75.3	47.8	33.3	97.5	86.3	108.8	91.7	79.0	66.0	84.8	69.1

Year and month	Stone, clay, and glass products		Iron and steel and their products [2]		Nonferrous metals and their products		Machinery [3]		Transportation equipment		Railroad repair shops		Tobacco manufactures	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1919	86.4	72.1	99.9	97.1	(1)	(1)	116.9	103.7	(1)	(1)	(1)	(1)	113.4	107.3
1920	89.8	92.8	107.8	123.8	(1)	(1)	128.9	135.2	(1)	(1)	(1)	(1)	111.3	124.6
1921	72.2	66.5	66.6	57.0	(1)	(1)	77.5	69.5	(1)	(1)	(1)	(1)	108.3	104.5
1922	85.5	72.6	84.1	70.6	(1)	(1)	81.7	71.8	(1)	(1)	(1)	(1)	105.8	99.1
1923	100.4	98.3	103.9	103.2	105.4	103.7	105.8	104.0	107.6	107.7	108.6	109.6	105.7	104.1
1924	98.9	100.5	97.0	96.7	96.7	95.9	95.1	95.3	93.1	90.8	96.4	95.6	98.8	99.4
1925	100.7	101.2	99.1	100.1	97.9	100.4	99.1	100.7	99.3	101.5	95.0	94.8	95.5	96.5
1926	103.8	104.2	102.5	105.0	(1)	(1)	107.8	111.2	99.1	99.5	95.5	96.1	90.9	92.1
1927	99.9	100.5	97.2	98.6	96.5	100.5	102.3	106.0	87.9	89.8	89.0	92.0	93.4	91.0
1928	95.7	96.2	96.6	100.4	(1)	(1)	105.1	111.3	96.2	101.6	83.8	87.2	90.7	86.1
1929	93.8	93.7	102.6	107.8	111.4	116.4	125.9	134.2	103.5	105.4	82.6	90.4	83.9	81.8
1930	80.2	76.9	89.2	85.7	(1)	(1)	104.6	102.2	80.2	70.2	73.4	76.1	78.3	72.7
1931	63.7	53.9	69.7	55.0	74.0	63.1	78.3	63.9	66.3	52.3	64.1	61.7	72.1	60.1
1932	44.6	29.1	53.3	29.1	58.1	39.1	56.3	36.1	56.0	40.7	53.4	42.7	64.0	47.3
1933	45.0	27.6	58.6	36.2	62.0	41.5	58.9	37.9	54.2	39.5	52.0	41.7	59.7	42.5
1934	52.8	35.5	69.0	49.0	74.3	56.0	77.7	57.2	82.9	68.6	55.5	48.1	62.6	47.1
1933														
January	35.2	20.7	46.8	22.8	52.2	31.5	48.1	28.2	51.4	35.8	51.7	39.2	55.7	35.7
February	36.5	21.4	49.0	24.8	53.2	32.0	48.7	28.7	50.3	32.1	50.8	39.2	58.6	37.1
March	36.9	21.2	46.8	22.7	50.8	29.1	47.1	26.2	45.2	27.8	50.6	38.1	53.3	33.4
April	38.4	21.6	48.1	24.6	51.9	30.5	47.7	26.8	45.3	31.9	48.1	36.2	52.0	33.4
May	41.3	24.5	51.0	29.8	54.1	35.3	50.1	30.6	48.8	38.7	49.7	38.9	59.2	42.1
June	45.9	28.6	55.7	36.2	58.4	40.0	54.2	35.6	51.7	40.6	48.4	38.1	61.2	43.7

[1] Data not available. [2] Not including machinery. [3] Not including transportation equipment.

No. 350.—Indexes of Employment and Pay Rolls in Manufacturing Establishments: By Groups of Industries—Continued

Year and month	Stone, clay, and glass products		Iron and steel and their products		Nonferrous metals and products		Machinery		Transportation equipment		Railroad repair shops		Tobacco manufactures	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1933														
July	49.3	29.9	61.8	41.4	61.7	43.1	58.1	39.1	58.3	43.5	51.7	40.0	60.3	43.6
August	52.8	33.9	68.4	50.0	69.2	48.3	64.5	43.5	61.6	49.7	54.2	45.9	62.2	44.5
September	52.9	33.5	71.4	47.5	74.3	51.6	69.8	46.6	64.3	48.2	55.1	45.3	61.7	48.2
October	51.6	33.6	69.8	47.6	75.6	53.8	73.0	50.2	59.1	43.3	55.0	48.9	64.6	51.2
November	50.3	31.8	67.9	43.3	72.6	52.4	73.3	50.2	53.5	38.6	54.8	46.1	66.0	50.1
December	49.0	31.0	66.6	43.7	69.8	50.2	71.8	49.1	61.1	43.7	53.5	44.7	62.1	46.5
1934														
January	47.3	29.9	63.5	41.1	67.3	47.1	70.0	47.6	71.2	52.7	52.8	42.1	54.5	39.8
February	49.8	33.3	66.6	45.7	70.9	52.2	72.9	51.8	84.6	71.9	53.4	45.6	62.1	45.5
March	52.1	34.7	70.0	51.3	75.1	56.8	76.8	55.8	93.4	84.4	55.5	48.5	64.4	45.8
April	55.3	38.8	72.5	56.8	76.9	58.9	80.3	60.5	99.4	92.4	57.8	53.0	64.7	46.2
May	57.7	39.5	75.2	61.3	77.8	60.6	81.3	62.2	99.7	88.3	59.6	53.8	61.3	46.3
June	57.1	38.8	76.4	62.6	75.9	57.9	80.3	61.6	95.6	78.5	59.8	53.8	62.4	47.5
July	54.2	36.1	70.3	47.6	73.1	53.6	79.0	58.5	88.4	66.0	58.3	51.1	61.1	47.3
August	53.1	34.9	68.6	45.5	73.4	53.2	78.9	58.1	83.7	70.4	56.2	48.5	65.1	49.3
September	52.9	34.7	66.0	41.1	73.2	54.0	78.0	55.6	74.2	52.3	55.7	45.6	64.7	50.3
October	51.9	35.5	66.0	42.8	75.1	57.5	77.9	57.0	64.2	49.7	53.9	46.8	65.3	49.0
November	52.2	35.6	66.2	44.2	76.0	58.8	77.9	57.2	62.2	48.4	51.6	44.4	64.0	48.8
December	50.1	34.4	66.6	47.6	76.9	61.5	78.5	60.2	78.4	67.6	52.0	44.4	61.9	49.9

Source: Bureau of Labor Statistics, Department of Labor.

No. 351.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING ESTABLISHMENTS: By Industry Groups and Industries

Note.—**Monthly average, 1923–1925=100.** Indexes for some of the groups include industries that are not shown separately in this table. See headnote, table 348

Industry group and industry	Employment					Pay rolls				
	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Food and kindred products	109.4	97.4	86.4	94.4	106.5	103.9	93.0	74.2	76.2	92.4
Baking	121.5	112.6	101.2	101.2	113.2	123.7	109.0	88.6	82.7	95.5
Beverages	(1)	85.5	74.0	127.9	163.2	(1)	83.1	64.3	118.0	156.2
Butter	(1)	82.0	75.3	76.1	80.0	(1)	79.1	65.7	58.7	60.3
Confectionery	92.1	82.0	74.2	79.7	80.0	93.3	77.5	59.9	59.5	68.5
Flour	73.9	68.1	65.1	67.7	76.5	78.7	66.7	55.9	53.9	63.4
Ice cream	89.0	76.0	64.5	62.9	71.4	93.0	76.9	56.4	48.6	56.4
Slaughtering and meat packing	92.1	84.1	79.8	87.6	103.7	96.3	82.2	65.2	67.7	90.5
Sugar refining, cane	92.3	80.3	74.2	78.6	86.4	89.7	79.6	68.7	67.0	70.1
Textiles and their products	92.9	87.2	76.7	87.9	91.2	85.6	75.1	58.5	81.2	71.2
Fabrics	86.0	80.3	71.9	86.2	89.5	79.4	70.2	50.9	62.2	70.9
Carpets and rugs	74.2	67.5	52.0	60.6	66.7	59.7	54.3	32.2	42.6	50.1
Cotton goods	80.7	74.5	67.8	87.5	92.9	69.4	61.0	44.6	62.1	73.0
Dyeing and finishing textiles	112.0	103.3	89.3	94.8	106.2	108.7	101.2	72.3	73.6	84.2
Knit goods	102.9	96.0	94.1	102.2	107.6	108.6	92.2	75.5	81.4	98.6
Silk and rayon goods	95.1	86.9	68.7	75.5	75.4	87.2	74.8	46.4	51.8	60.0
Woolen and worsted goods	67.2	67.1	59.5	78.2	72.4	60.5	57.3	41.3	54.5	52.5
Wearing apparel	105.0	99.6	84.8	88.2	91.1	93.6	80.7	55.5	55.7	67.7
Clothing, men's	91.4	84.9	74.4	80.3	84.0	74.7	62.8	42.3	47.3	57.9
Clothing, women's	142.2	135.8	110.4	110.0	116.1	127.9	110.5	73.9	68.0	84.9
Millinery	91.3	83.7	76.3	75.9	70.4	88.6	79.2	65.2	57.9	60.6
Shirts and collars	102.7	104.0	90.5	99.0	99.8	90.3	82.7	61.0	72.1	89.7
Lumber and allied products	78.1	56.3	41.1	44.2	48.7	72.6	46.6	25.1	28.4	32.7
Furniture	89.0	73.7	57.8	61.7	63.0	80.7	59.2	34.8	36.3	41.9
Lumber, millwork	64.4	51.1	35.6	34.5	36.8	61.1	42.0	21.7	19.5	23.3
Lumber, sawmills	67.6	41.1	26.1	28.7	33.4	67.6	33.6	14.2	16.0	21.4
Paper and printing	108.0	98.3	85.0	86.2	94.9	114.6	97.3	74.8	69.3	79.6
Boxes, paper	90.7	81.8	70.5	77.0	84.9	91.6	79.0	60.1	62.7	75.4
Paper and pulp	102.5	89.5	82.4	90.3	105.4	104.6	82.1	61.7	64.9	79.3
Printing and publishing:										
Book and job	110.9	100.7	85.8	79.4	85.7	115.6	99.1	73.4	62.5	72.0
Newspapers and periodicals	109.9	101.8	92.8	93.3	98.5	119.4	108.0	88.6	80.0	87.4

[1] Data not available.

No. 351.—Indexes of Employment and Pay Rolls in Manufacturing Establishments: By Industry Groups and Industries—Continued

Industry group and industry	Employment					Pay rolls				
	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Chemicals and allied products	109.6	95.1	84.0	94.7	108.6	112.2	91.8	70.4	74.3	89.4
Chemicals	99.5	85.1	72.9	87.2	108.1	103.5	84.2	63.0	71.9	92.4
Druggists' preparations	108.2	103.2	90.3	90.7	101.1	116.3	105.3	82.4	81.0	92.1
Explosives	79.7	80.4	66.4	76.3	93.6	74.7	66.9	45.3	52.3	71.6
Fertilizers	*111.0*	*78.8*	*62.4*	*82.5*	*106.4*	*104.2*	*73.4*	*49.6*	*55.8*	*79.3*
Paints and varnishes	(1)	94.4	82.2	85.7	100.3	(1)	90.3	66.8	64.3	79.0
Petroleum refining	124.9	106.2	96.1	99.8	111.1	130.4	105.8	85.4	83.1	94.3
Rayon and allied products	242.2	241.9	217.0	281.9	307.6	214.1	188.4	140.4	178.8	215.4
Rubber products	85.9	73.9	65.4	73.9	82.9	84.7	62.5	44.9	50.2	63.7
Boots and shoes	82.0	63.2	52.5	50.9	54.0	77.4	48.6	37.7	42.5	48.8
Rubber goods other than boots, shoes, tires, etc.	(1)	102.3	94.1	112.2	122.4	(1)	89.9	70.0	79.5	94.3
Tires and inner tubes	79.0	64.9	57.1	64.7	75.2	79.3	56.2	37.7	41.7	56.4
Leather and its manufactures	91.2	84.3	79.0	83.3	87.8	82.3	72.1	58.1	62.9	73.9
Boots and shoes	90.2	85.3	81.7	83.9	87.0	78.3	70.2	58.5	61.5	71.7
Leather	84.6	76.9	69.1	81.3	91.1	83.0	72.5	56.0	66.8	80.2
Stone, clay, and glass products	80.2	63.7	44.6	45.0	52.8	76.9	53.9	29.1	27.6	35.5
Brick, tile, and terra cotta	72.2	50.2	29.6	27.0	29.7	62.2	35.2	14.0	12.0	16.0
Cement	84.6	65.8	44.9	41.1	49.3	83.4	56.9	27.7	22.2	30.6
Glass	83.8	71.5	58.0	69.8	89.8	82.9	66.5	45.9	52.9	71.8
Pottery	82.9	72.3	57.0	60.2	69.0	74.1	56.4	35.1	35.8	44.7
Iron and steel and their products, not incl. machinery	89.2	69.7	53.3	58.6	69.0	85.7	55.0	29.1	36.2	49.0
Cast-iron pipe	80.4	71.5	45.5	39.2	51.1	75.3	55.1	24.2	19.7	27.8
Hardware	88.6	70.3	55.1	55.8	62.7	81.6	58.9	35.5	36.1	47.0
Blast furnaces and steel works	90.3	68.4	51.5	58.5	69.7	87.7	53.6	24.8	35.4	49.2
Steam and hot-water heating apparatus and steam fittings	78.3	67.1	46.5	49.5	47.6	69.0	46.3	24.7	26.4	29.9
Stoves	83.1	69.4	57.3	68.7	87.2	74.3	53.4	35.0	43.9	60.1
Structural and ornamental metal work	98.9	76.0	50.8	46.1	56.8	94.2	61.5	31.1	26.3	38.9
Tin cans and other tinware	(1)	83.7	73.8	78.7	90.7	(1)	83.3	67.3	70.6	84.4
Wirework	(1)	95.6	90.3	103.3	124.4	(1)	80.6	61.9	75.7	101.0
Nonferrous metals and their products	(1)	74.0	58.1	62.0	74.3	(1)	63.1	39.1	41.5	58.0
Aluminum manufactures	(1)	90.2	64.3	71.8	71.2	(1)	81.3	42.1	50.9	54.4
Brass, bronze, and copper products	96.6	74.9	57.8	64.1	74.6	88.7	60.3	35.8	41.3	53.9
Lighting equipment	(1)	65.3	49.5	51.4	64.4	(1)	60.4	38.8	38.7	51.9
Smelting and refining copper, lead, and zinc	(1)	54.4	45.3	50.7	68.1	(1)	45.9	27.3	29.2	42.1
Stamped and enameled ware	106.3	85.4	69.8	76.5	86.6	104.9	76.8	49.0	52.3	72.9
Machinery, not including transportation equipment	104.6	78.3	56.3	58.9	77.7	102.2	63.9	36.1	37.9	57.2
Agricultural implements	110.7	62.3	39.2	44.5	75.1	106.9	51.9	32.4	37.7	77.7
Electrical machinery, apparatus, and supplies	107.1	80.9	56.8	51.3	63.9	109.3	68.7	37.1	33.6	47.7
Engines, turbines, tractors, and water-wheels	106.1	68.1	42.4	44.8	69.7	107.2	54.0	24.0	25.7	45.7
Foundry and machine-shop products	94.2	69.7	50.4	52.6	68.0	89.0	55.4	31.1	32.8	49.6
Machine tools	*126.0*	*74.7*	*40.5*	*41.7*	*69.0*	121.9	61.5	27.5	28.7	53.4
Radios and phonographs	141.0	124.4	100.0	151.4	203.5	139.8	90.5	62.7	85.4	116.5
Textile machinery and parts	71.2	61.3	48.7	61.1	69.1	66.0	54.3	35.4	47.0	54.4
Transportation equipment	80.2	66.3	56.0	54.2	82.9	70.2	52.3	40.7	39.5	68.6
Automobiles	80.3	71.0	60.8	59.8	93.2	65.7	53.4	42.3	42.8	76.1
Cars, electric and steam railroad	54.7	29.6	26.3	25.4	43.4	53.2	25.4	23.5	20.5	40.8
Locomotives	52.3	28.0	19.4	15.6	31.1	51.5	18.1	8.9	5.8	13.7
Shipbuilding	107.3	83.0	66.0	55.4	70.2	113.5	76.8	52.5	38.9	54.9
Railroad repair shops	73.4	64.1	53.4	52.0	55.5	76.1	61.7	42.7	41.7	48.1
Electric railroad	85.8	79.3	71.7	66.3	66.0	93.0	80.2	64.3	55.1	58.0
Steam railroad	72.4	62.9	52.0	50.9	54.7	74.8	60.4	41.2	40.8	47.5
Tobacco manufactures	78.3	72.1	64.0	59.7	62.6	72.7	60.1	47.3	42.5	47.1
Chewing and smoking tobacco and snuff	69.8	71.9	76.2	74.5	75.6	71.3	69.0	66.0	63.1	67.4
Cigars and cigarettes	79.4	72.1	62.5	57.9	60.9	72.9	58.9	45.0	39.9	44.6

1 Data not available.

Source: Bureau of Labor Statistics, Department of Labor.

No. 352.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES: BY DURABLE- AND NONDURABLE-GOODS GROUPS

NOTE.—Monthly average, 1923-1925=100. See head note, table 348

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	DURABLE-GOODS GROUP [1]												
EMPLOYMENT													
1923	99.2	101.5	104.0	105.6	106.6	107.7	106.6	106.4	106.0	105.4	104.3	102.0	104.6
1924	100.6	102.0	103.1	102.7	98.8	94.7	91.1	91.0	91.8	93.4	93.1	94.7	96.4
1925	95.3	97.0	98.3	99.3	99.1	98.4	97.3	98.2	99.7	101.4	101.8	101.9	99.0
1926	100.9	102.3	103.3	103.5	102.8	102.3	101.1	102.1	102.7	102.2	100.3	98.3	101.8
1927	95.6	97.3	98.2	98.1	98.0	97.1	94.9	95.3	94.9	94.3	92.1	90.9	95.6
1928	89.8	91.8	93.7	94.7	96.1	96.6	95.8	98.1	99.4	99.8	99.3	98.8	96.2
1929	99.1	101.7	103.5	105.3	106.5	106.4	106.3	107.3	106.8	105.0	100.3	95.8	103.7
1930	93.1	93.3	93.1	92.8	91.8	89.1	84.7	82.2	81.0	79.6	77.1	74.9	85.1
1931	71.9	72.1	72.2	72.2	71.4	69.5	66.8	65.3	64.5	61.8	60.3	59.7	67.3
1932	57.3	57.8	56.5	54.6	52.9	50.9	48.5	46.9	47.3	47.7	48.1	47.3	51.3
1933	45.4	45.8	43.9	44.4	47.0	50.7	55.3	60.1	63.4	63.2	61.2	60.7	53.4
1934	59.8	63.5	67.1	70.0	71.5	70.8	67.4	66.1	64.2	62.8	62.2	64.3	65.8
1935	66.1	69.3	70.8	71.6	71.3	69.5	69.3						
PAY ROLLS													
1923	91.6	95.8	101.4	104.6	109.1	110.0	104.5	106.0	105.2	108.9	107.4	104.0	104.0
1924	97.9	105.5	106.6	105.7	100.3	93.0	84.0	87.3	89.0	93.0	91.8	95.9	95.8
1925	92.5	99.7	101.7	100.8	101.9	99.2	95.4	97.5	97.1	104.6	105.3	105.7	100.1
1926	99.0	105.2	107.3	106.5	105.2	104.9	99.1	103.7	103.1	107.0	103.2	100.9	103.8
1927	93.3	101.1	103.4	103.2	103.2	99.8	93.9	97.5	95.1	96.8	93.3	94.1	97.9
1928	89.5	96.8	99.5	99.8	101.8	101.2	97.1	102.0	102.3	107.0	104.2	103.9	100.4
1929	100.0	109.0	112.0	114.7	115.8	112.9	107.1	112.6	111.7	111.1	101.7	96.7	108.8
1930	90.1	94.6	95.1	95.3	93.3	89.1	78.1	75.6	74.7	73.7	68.4	66.4	82.9
1931	59.8	64.4	65.7	65.1	64.1	59.4	54.3	52.9	49.6	48.5	46.4	45.8	56.3
1932	41.3	42.0	40.4	38.0	37.0	33.3	29.8	28.2	27.9	29.8	30.0	29.4	33.9
1933	27.6	27.7	25.3	26.6	30.8	34.7	38.0	43.9	44.7	45.4	42.5	42.3	35.8
1934	41.6	47.9	52.8	57.4	58.6	56.9	49.9	50.0	45.5	46.4	46.1	50.4	50.3
1935	52.5	58.6	60.5	61.8	60.1	57.6	55.6						
	NONDURABLE-GOODS GROUP [2]												
EMPLOYMENT													
1923	102.5	103.8	105.3	104.4	104.1	104.2	103.3	104.0	105.2	103.6	102.2	100.8	103.6
1924	99.8	100.8	100.1	97.0	94.6	93.0	90.9	93.4	97.3	97.3	96.7	97.7	96.6
1925	97.5	99.3	99.5	98.3	97.0	97.5	98.5	101.0	103.5	103.2	101.9	101.1	99.8
1926	100.2	100.6	100.9	99.1	97.8	98.3	97.5	100.6	104.1	104.2	102.5	101.9	100.6
1927	101.0	102.3	102.5	101.3	100.3	101.2	101.6	103.5	106.5	105.2	103.1	101.7	102.5
1928	100.6	101.8	101.8	99.6	98.0	99.0	99.7	102.3	105.3	105.6	104.3	103.7	101.8
1929	102.7	104.3	104.9	105.4	104.1	104.7	105.8	108.6	111.4	110.6	107.1	104.0	106.1
1930	101.8	101.7	100.9	100.1	98.0	96.9	94.7	95.9	98.9	96.5	92.7	90.1	97.4
1931	87.8	89.0	90.0	89.8	89.3	88.0	88.2	89.8	91.1	88.0	84.2	83.0	88.2
1932	80.9	82.2	81.2	78.5	74.8	72.4	70.1	74.2	80.4	82.3	79.9	77.8	77.9
1933	76.0	77.6	74.7	76.5	79.3	84.3	88.9	93.9	97.8	97.2	92.2	89.1	85.6
1934	87.9	93.0	95.4	95.8	94.3	92.3	90.8	94.0	88.2	95.1	92.4	92.7	92.7
1935	92.3	94.1	94.8	94.0	91.6	90.4	90.5						
PAY ROLLS													
1923	98.5	100.8	104.1	103.1	105.0	104.5	101.9	101.1	103.2	103.6	100.8	101.6	102.4
1924	99.8	102.2	101.0	98.8	94.1	91.6	88.0	91.9	96.9	97.8	96.1	100.0	96.4
1925	99.3	102.1	103.4	99.0	99.2	98.2	98.6	101.7	101.0	104.7	103.7	104.6	101.3
1926	103.5	104.9	105.5	101.8	100.4	101.3	98.9	103.0	105.9	108.5	105.3	106.8	103.8
1927	104.7	108.6	108.7	106.1	105.1	105.8	104.3	107.4	109.6	108.8	105.1	106.3	106.7
1928	104.1	106.8	106.4	101.5	100.8	102.5	101.6	104.9	107.6	109.8	106.1	107.8	105.0
1929	105.3	109.8	111.0	110.2	109.3	109.1	107.3	111.3	114.4	114.2	107.4	105.8	109.6
1930	103.2	104.1	103.5	100.8	98.3	96.5	92.3	93.2	96.0	93.0	87.4	86.5	96.2
1931	83.0	86.9	88.3	86.3	85.2	82.7	81.3	82.5	80.8	77.6	73.0	72.5	81.7
1932	69.1	70.7	69.2	64.0	59.3	56.2	52.6	56.3	61.8	63.6	59.2	56.9	61.6
1933	54.5	56.2	52.1	54.4	57.9	63.1	67.0	73.3	77.6	77.3	72.1	70.1	64.6
1934	69.7	76.9	80.1	80.0	78.1	75.1	73.9	77.9	74.0	79.6	76.6	79.5	76.8
1935	79.0	82.5	83.8	82.3	79.1	77.6	77.7						

[1] Includes iron and steel and their products; machinery; transportation equipment; railroad repair shops; nonferrous metals and their products; lumber and allied products; and stone, clay, and glass products.

[2] Includes food and kindred products; textiles and their products; paper and printing; chemicals and allied products; leather and its manufactures; rubber products; and tobacco manufactures.

Source: Bureau of Labor Statistics, Department of Labor.

No. 353.—INDEXES OF FACTORY EMPLOYMENT AND PAY ROLLS IN SPECIFIED STATES

[Index numbers for New Jersey and Pennsylvania, relative to monthly average of the years 1923–1925 as 100; for Massachusetts, New York, Illinois, and Wisconsin, monthly average of the years 1925–27]

Year and month	Employment						Pay rolls					
	Massachusetts [1]	New York [2]	New Jersey [3]	Pennsylvania [3]	Illinois [4]	Wisconsin [5]	Massachusetts [1]	New York [2]	New Jersey [3]	Pennsylvania [3]	Illinois [4]	Wisconsin [5]
1923	-------	111.9	104.4	106.6	112.5	102.1	-------	105.6	102.2	106.7	105.6	95.8
1924	-------	*102.0*	*96.6*	*95.9*	*103.1*	*97.3*	-------	97.9	96.0	95.0	95.3	93.0
1925	100.1	101.3	99.1	97.5	99.8	101.4	99.5	99.2	101.8	98.3	97.9	101.4
1926	102.0	101.4	101.7	99.4	103.1	101.7	101.8	102.0	108.1	102.7	104.2	102.2
1927	*97.9*	*97.3*	*95.0*	*95.7*	*97.1*	*96.8*	98.7	98.8	100.7	97.0	*98.0*	*96.4*
1928	91.5	93.4	90.9	92.7	95.3	96.2	92.9	95.4	94.6	93.1	95.2	98.1
1929	94.3	97.9	103.2	98.4	102.6	100.1	97.4	101.7	107.8	102.1	101.3	100.8
1930	*81.5*	*86.0*	*93.9*	*89.5*	*88.4*	*87.8*	*78.6*	*85.6*	*94.9*	*85.6*	*77.6*	*80.1*
1931	73.5	78.4	78.3	74.6	71.0	75.1	*65.3*	*67.1*	71.2	61.3	*53.8*	*60.1*
1932	*59.3*	*59.2*	*64.3*	*63.5*	*56.5*	*63.0*	*44.6*	*46.6*	*50.4*	*41.1*	*34.3*	*40.3*
1933	64.6	61.4	66.0	66.5	59.6	69.7	47.8	46.4	48.9	44.3	35.6	44.7
1934	68.3	70.8	75.5	74.0	70.6	80.8	*54.6*	*56.7*	58.1	56.7	47.1	59.6
1931												
March	*77.0*	*77.8*	*82.2*	*79.0*	*76.6*	*78.2*	71.9	75.1	77.5	70.0	61.7	*68.8*
June	74.9	73.4	78.0	74.1	72.3	76.7	*66.2*	*66.7*	*71.3*	*61.9*	*55.5*	*64.2*
September	75.0	73.6	77.0	72.4	*68.3*	*75.0*	*65.0*	*66.5*	*65.1*	*55.8*	*49.4*	*56.6*
December	*65.6*	*67.7*	*71.0*	*70.1*	*63.6*	*66.9*	*53.7*	*57.8*	*60.6*	*53.1*	*44.3*	*48.8*
1932												
March	*64.2*	*64.6*	*68.2*	*67.3*	*61.3*	*68.1*	*52.1*	*53.8*	*56.0*	*48.0*	*39.8*	*48.5*
June	*53.8*	*55.6*	*64.0*	*60.6*	*56.6*	*62.4*	*39.2*	*42.6*	*49.9*	*37.7*	*33.5*	*38.0*
September	*60.9*	*57.8*	*62.3*	*62.7*	*54.5*	*61.1*	*45.2*	*44.9*	*47.4*	*37.9*	*31.8*	*37.0*
December	*58.2*	*57.1*	*61.5*	*62.5*	*51.7*	*58.8*	*41.2*	*42.6*	*45.7*	*37.8*	*29.1*	*35.0*
1933												
January	*57.2*	*55.3*	*58.6*	*59.4*	*50.7*	*57.3*	*39.1*	*40.0*	*42.5*	*33.9*	*28.5*	*32.5*
February	*59.4*	*56.3*	*59.6*	*60.9*	*52.1*	*58.8*	*41.6*	*40.7*	*43.6*	*35.1*	*29.6*	*34.0*
March	*55.3*	*53.7*	*57.2*	*58.1*	*50.8*	*58.6*	*36.6*	*38.4*	*40.0*	*32.9*	*27.2*	*32.6*
April	*55.5*	*55.3*	*57.1*	*58.3*	*51.7*	*60.8*	*37.4*	*40.1*	*41.5*	*33.9*	*28.2*	*36.4*
May	*57.6*	*57.1*	*59.8*	*61.4*	*53.6*	*63.3*	*41.5*	*42.4*	*44.2*	*38.3*	*31.3*	*40.6*
June	*61.9*	*59.5*	*63.2*	*64.7*	*57.2*	*69.5*	*46.2*	*45.1*	*47.8*	*42.9*	*35.4*	*46.8*
July	*67.9*	*62.1*	*66.0*	*67.5*	*60.9*	*75.9*	*52.1*	*47.9*	*49.9*	*46.3*	*37.9*	*49.2*
August	*72.0*	*65.7*	*70.2*	*72.1*	*67.9*	*77.5*	*56.2*	*51.0*	*52.7*	*54.0*	*42.6*	*53.3*
September	*73.8*	*69.6*	*74.5*	*75.1*	*69.7*	*79.7*	*58.2*	*55.0*	*55.0*	*54.2*	*43.0*	*53.8*
October	*75.2*	*69.6*	*75.5*	*75.4*	*68.9*	*80.0*	*58.2*	*64.1*	*56.5*	*55.7*	*43.0*	*55.3*
November	*71.7*	*67.4*	*75.5*	*74.1*	*66.2*	*78.3*	*54.6*	*61.8*	*56.8*	*52.8*	*40.3*	*52.3*
December	*68.0*	*66.2*	*74.7*	*71.4*	*65.4*	*76.5*	*51.7*	*51.3*	*56.1*	*51.1*	*40.5*	*50.1*
1934												
January	*67.4*	*65.8*	*72.5*	*68.2*	*64.0*	*75.7*	*52.0*	*51.8*	*53.8*	*47.5*	*40.5*	*50.5*
February	*71.8*	*69.6*	*73.9*	*72.4*	*66.9*	*77.2*	*57.6*	*54.7*	*56.3*	*53.4*	*43.2*	*54.4*
March	*72.9*	*72.2*	*75.0*	*74.7*	*69.1*	*79.3*	*59.3*	*58.3*	*57.0*	*57.6*	*45.2*	*58.9*
April	*73.0*	*73.2*	*74.8*	*75.6*	*70.4*	*79.6*	*59.5*	*59.0*	*57.7*	*59.3*	*46.8*	*59.6*
May	*72.4*	*72.1*	*76.4*	*75.5*	*72.1*	*84.1*	*58.4*	*58.2*	*59.4*	*62.9*	*49.1*	*63.9*
June	*68.2*	*71.1*	*76.9*	*75.6*	*72.7*	*84.1*	*53.9*	*57.0*	*59.6*	*61.7*	*49.9*	*64.0*
July	*66.5*	*69.7*	*76.5*	*74.4*	*71.5*	*85.7*	*53.2*	*55.7*	*58.1*	*55.5*	*48.0*	*62.2*
August	*67.2*	*70.4*	*77.0*	*74.5*	*72.9*	*82.4*	*54.0*	*56.9*	*59.3*	*57.3*	*48.6*	*60.7*
September	*66.5*	*71.4*	*76.7*	*72.9*	*74.2*	*80.9*	*46.6*	*57.3*	*59.0*	*53.1*	*48.6*	*57.8*
October	*67.6*	*72.0*	*76.0*	*75.0*	*73.5*	*80.2*	*52.1*	*57.2*	*58.8*	*57.2*	*49.8*	*60.8*
November	*66.6*	*70.9*	*75.0*	*74.4*	*70.3*	*79.5*	*50.9*	*56.1*	*58.3*	*56.4*	*47.4*	*60.2*
December	*69.0*	*71.1*	*75.3*	*75.0*	*69.9*	*80.6*	*57.3*	*58.0*	*59.7*	*58.1*	*48.2*	*62.5*

[1] Compiled by the Massachusetts Department of Labor and Industries, based upon monthly returns from representative establishments employing about 46 percent of the total factory employees in the State. In 1934, reports were received from concerns varying in number from 1,131 to 1,599. The employment indexes are adjusted to the annual State census of manufactures each year when the census material becomes available. The State census schedules do not call for monthly pay roll.

[2] Compiled by the New York State Department of Labor from reports of approximately 1,500 firms prior to January 1930, 1,350 in 1930, and by the end of 1934, 1,877. Concerns reporting accounted for about 38 percent of the total factory employment in the State.

[3] Compiled by the Federal Reserve Bank of Philadelphia: For New Jersey they are based upon monthly reports to the bank from 1923 to 1926 and since then to the New Jersey Bureau of Statistics and Records. Current indexes represent reports from about 760 manufacturers covering 56 industries which in 1933 employed about 191,000 wage earners and accounted for approximately 65 percent of the total factory employment and pay rolls; for Pennsylvania, they are based upon original reports collected by the bank in cooperation with the United States Bureau of Labor Statistics. Current indexes represent reports from about 2,100 manufacturers covering 68 industries which in 1933 employed approximately 368,000 wage earners, and accounted for about 55 percent of the total factory employment and pay rolls. The indexes for both States have been adjusted to the Federal Biennial Census of Manufactures data through 1931 and will be similarly adjusted for later years as soon as detailed data become available; they have been weighted according to the relative importance of each industry as revealed by the Federal Biennial Census of Manufactures.

[4] Compiled by the Illinois Department of Labor. The indexes are computed by the link relative method; about 1,775 firms, employing an average of 257,200 wage earners, reported for the year 1934.

[5] Compiled by the Industrial Commission of Wisconsin from reports of representative manufacturing establishments, which accounted for about two-thirds of the factory employees in the State

No. 354.—WEEKLY EARNINGS OF FACTORY LABOR IN SPECIFIED STATES

[Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years 1923–25 as 100; for New York, Illinois, Wisconsin, and Massachusetts, monthly average of the years 1925–27. Data for Delaware compiled by the Federal Reserve Bank of Philadelphia from reports of 51 manufacturing concerns representing 24 industries which in 1929 employed over 7,000 wage earners, and accounted for approximately 50 percent of the total factory wage earners and pay rolls; for original sources of other data, number of firms reporting, etc., in each State, see notes 1 to 5, table 353]

Year and month	Average amount per week			Index numbers						
	New York	Illinois	Wisconsin	Massachusetts	New York	New Jersey	Pennsylvania	Delaware	Illinois	Wisconsin
1923	$27.24	$27.07	$23.97	----------	94.4	99.8	101.8	99.8	95.4	93.8
1924	27.68	27.55	24.40	----------	95.9	99.5	98.6	100.8	97.1	95.4
1925	28.26	27.93	25.56	99.4	97.9	100.7	99.6	99.4	98.4	100.0
1926	29.02	28.67	25.67	99.8	100.5	105.0	102.5	101.8	101.0	100.4
1927	29.30	28.49	25.45	100.8	101.5	109.0	102.6	103.1	100.5	99.6
1928	29.44	28.43	26.04	101.4	102.0	109.8	103.1	102.6	100.2	101.9
1929	29.99	28.66	25.90	103.3	103.9	113.0	106.9	106.7	101.0	100.6
1930	28.81	27.16	23.33	96.4	99.5	111.3	98.1	103.2	95.7	90.3
1931	26.42	23.59	20.02	88.3	91.2	101.7	81.1	93.9	83.2	78.4
1932	22.74	18.67	15.30	75.0	78.5	88.4	63.0	75.9	65.8	60.2
1933	21.84	18.20	15.31	73.5	75.4	83.5	65.6	72.6	64.1	60.1
1934	23.19	20.42	18.29	79.9	80.1	86.4	76.6	76.0	72.0	71.4
1933										
March	20.73	16.29	13.24	66.2	71.6	78.9	55.7	68.3	57.4	52.1
June	21.95	18.99	15.84	74.7	75.8	85.4	66.9	74.7	66.9	62.2
September	22.87	18.91	16.51	78.9	79.0	83.3	72.2	72.4	66.6	64.8
December	22.43	18.93	16.16	76.1	77.4	84.7	71.5	75.1	66.7	63.3
1934										
March	23.39	20.19	18.45	81.4	80.8	85.4	76.7	75.4	71.2	72.1
June	23.24	21.02	19.13	79.1	80.2	87.0	81.3	76.3	74.1	74.3
September	23.24	20.05	17.73	82.5	80.2	86.4	74.0	75.4	70.7	69.4
December	23.63	20.90	19.23	83.0	81.6	88.9	78.4	76.3	73.7	75.2

No. 355.—AVERAGE WEEKLY AND HOURLY EARNINGS: ALL WAGE EARNERS AND CLASSIFIED GROUPS OF LABOR, 25 MANUFACTURING INDUSTRIES

NOTE.—Index numbers based on 1923 as 100. Data cover an average of 1,750 plants during 1934. The earnings are computed by weighting the average earnings in each industry according to the relative importance of the industry as revealed by the Federal Biennial Census of Manufactures for 1923. In addition, each labor group is weighted according to the relative proportion of the group in each industry as revealed in the Conference Board's studies during the 3-year period 1927–29. The pay-roll data are based upon the first full week in each month, or, if a generally recognized holiday falls in that week, upon the succeeding week

Year	All wage earners		Male, unskilled		Male, skilled and semiskilled		Female	
	Actual amount	Index number	Actual amount	Index number	Actual amount	Index number	Actual amount	Index number
WEEKLY EARNINGS								
1923	$26.61	100.0	$22.28	100.0	$30.80	100.0	$17.24	100.0
1924	26.43	99.3	22.42	100.7	30.55	99.2	16.76	97.2
1925	27.09	101.8	23.03	103.4	31.28	101.5	17.21	99.9
1926	27.40	103.0	23.18	104.0	31.60	102.6	17.29	100.3
1927	27.49	103.3	23.52	105.6	31.58	102.5	17.42	101.0
1928	27.80	104.5	23.87	107.1	31.94	103.7	17.18	99.8
1929	28.54	107.3	24.37	109.4	32.63	105.9	17.62	102.2
1930	25.90	97.4	21.94	98.5	29.18	94.7	15.99	92.7
1931	22.63	85.0	19.18	86.1	25.05	81.3	14.70	85.2
1932	17.05	64.1	14.49	65.1	19.48	63.2	11.70	67.9
1933	17.71	66.6	14.91	66.9	20.26	65.8	12.36	71.7
1934	20.12	75.6	16.42	73.7	22.41	72.7	14.44	83.8
HOURLY EARNINGS								
1923	.541	100.0	.443	100.0	.619	100.0	.383	100.0
1924	.562	103.9	.459	103.6	.644	104.0	.393	102.7
1925	.561	103.8	.458	103.4	.643	103.9	.390	101.8
1926	.568	104.9	.460	103.9	.651	105.2	.397	103.6
1927	.576	106.4	.471	106.4	.657	106.2	.399	104.2
1928	.578	106.9	.473	106.9	.658	106.4	.395	103.2
1929	.589	108.9	.485	109.6	.667	107.8	.398	103.9
1930	.589	108.9	.478	107.8	.662	107.0	.395	103.1
1931	.564	104.3	.460	103.9	.634	102.4	.371	96.8
1932	.497	91.8	.401	90.4	.559	90.3	.324	84.7
1933	.491	90.7	.401	90.5	.550	88.9	.340	88.7
1934	.581	107.4	.478	108.0	.642	103.7	.425	111.0

Source: National Industrial Conference Board (Inc.).

No. 356.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN NONMANUFACTURING INDUSTRIES AND BUSINESS

[Monthly average 1929=100]

Year and month	Anthracite mining		Bituminous coal mining		Metalliferous mining		Quarrying and nonmetallic mining		Crude petroleum producing		Telephone and telegraph		Power and light	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1930	93.4	95.3	93.4	81.3	83.2	78.0	84.3	79.3	87.4	85.9	97.9	102.9	103.0	104.3
1931	80.5	75.4	83.2	57.5	59.1	44.8	67.4	53.4	65.7	61.7	86.6	93.7	95.6	96.7
1932	62.5	53.7	67.4	35.6	36.5	21.6	49.0	29.1	55.3	44.1	79.1	81.1	83.0	79.8
1933	51.7	45.8	67.9	37.8	34.6	20.6	44.9	24.7	62.2	44.1	70.4	68.2	78.8	72.0
1934	59.6	55.9	77.2	54.2	41.6	26.7	48.9	29.6	77.7	56.9	70.3	71.5	83.8	77.9
1933														
January	52.5	43.2	69.8	36.1	32.4	18.1	35.1	18.1	57.2	30.9	74.6	71.7	77.7	73.0
February	58.7	50.8	69.3	37.2	31.5	17.8	34.8	17.4	57.0	41.7	73.9	71.9	77.4	71.6
March	54.6	48.8	67.6	30.7	30.0	17.4	35.1	17.8	56.5	42.5	73.2	71.6	76.9	71.9
April	51.6	37.4	63.7	26.6	29.4	16.4	39.3	20.2	56.8	40.1	72.3	67.8	76.9	69.4
May	43.2	30.0	61.2	26.9	30.0	17.0	43.4	23.8	56.9	41.6	70.1	68.5	76.9	69.9
June	39.5	34.3	61.3	29.2	31.5	18.3	47.3	27.5	58.0	40.6	69.2	66.0	77.3	69.9
July	43.8	38.2	63.2	33.6	33.0	19.0	49.5	28.4	59.5	42.2	68.5	66.7	77.5	70.0
August	47.7	46.6	68.6	43.3	36.8	21.9	51.6	29.9	60.8	42.5	68.1	66.1	78.1	70.9
September	56.8	60.7	71.8	44.1	38.9	23.9	52.6	29.3	66.2	44.4	68.3	64.6	80.3	71.8
October	56.9	61.0	68.0	44.1	40.7	25.9	53.2	31.2	70.6	50.1	68.7	67.0	82.2	76.2
November	61.0	47.8	74.8	50.7	40.6	25.6	51.1	28.3	72.2	50.3	68.9	67.7	82.6	74.5
December	54.5	44.3	75.4	50.8	40.6	26.2	45.3	24.4	76.0	53.2	69.4	67.7	81.8	74.4
1934														
January	64.1	73.2	75.8	51.3	39.6	25.4	39.7	21.3	73.2	53.0	70.2	69.0	82.2	73.8
February	63.2	65.8	76.1	54.6	40.3	26.0	38.8	21.0	72.4	50.5	69.8	67.9	81.2	74.4
March	67.5	82.4	77.8	58.9	39.8	25.9	42.0	24.1	72.8	52.5	70.0	70.4	81.7	75.6
April	58.2	51.7	72.2	51.4	41.7	27.2	48.7	29.9	74.0	53.4	70.2	68.8	82.4	76.8
May	63.8	64.0	76.7	54.4	40.8	25.6	54.3	35.0	76.7	56.4	70.2	71.4	83.1	77.6
June	57.5	53.3	76.7	55.1	41.0	26.7	56.6	37.0	80.0	56.9	70.4	71.3	84.0	77.8
July	53.6	42.3	77.0	49.7	39.9	25.1	55.6	35.0	81.6	60.0	71.0	72.3	85.0	81.1
August	49.5	39.7	77.1	50.4	42.7	27.0	54.7	34.0	82.7	61.2	71.0	74.0	85.6	79.9
September	50.9	47.0	78.2	51.4	42.3	25.9	53.3	32.4	81.8	59.7	70.9	72.2	85.8	79.3
October	58.5	48.3	79.3	57.6	43.3	28.2	51.8	32.1	79.5	60.8	70.3	74.9	85.8	80.6
November	60.7	51.2	79.8	58.3	43.2	28.5	49.5	29.4	78.8	59.0	69.9	72.2	85.5	79.6
December	61.6	52.3	79.7	57.0	44.4	29.4	42.1	23.6	78.7	59.5	69.7	73.2	83.6	78.3

Year and month	Electric railroad and motor-bus operation and maintenance [1]		Wholesale trade [2]		Retail trade [2]				Hotels [2]		Laundries [2]		Dyeing and cleaning	
					Total		General merchandising							
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1930	93.4	93.5	95.7	95.3	96.8	95.3	94.1	93.3	96.5	96.5	[3]	[3]	[3]	[3]
1931	84.7	83.4	85.8	81.9	87.7	83.1	92.2	87.4	86.3	81.4	93.1	88.3	85.6	76.1
1932	75.5	68.0	76.8	64.2	76.8	63.2	82.6	69.5	74.1	60.9	83.5	70.1	75.2	57.3
1933	70.0	58.9	76.1	56.8	76.1	55.2	84.2	65.4	70.1	51.0	78.8	59.5	74.3	49.5
1934	72.1	62.2	82.8	63.0	82.0	60.9	92.7	74.9	80.2	61.6	81.3	64.9	77.1	56.1
1933														
January	70.6	60.9	73.6	58.3	72.1	54.7	76.4	61.4	68.8	52.2	78.6	60.7	67.4	44.2
February	70.4	60.6	72.4	55.1	70.4	51.8	73.0	57.1	68.6	52.1	77.5	58.1	65.6	40.2
March	69.8	59.4	71.3	53.5	68.9	49.0	70.7	53.4	67.2	49.8	76.1	55.4	65.8	38.9
April	69.5	58.1	71.5	52.4	73.3	52.0	80.7	60.8	67.2	48.4	76.5	56.6	74.9	51.7
May	69.1	58.2	72.2	53.8	72.1	51.3	78.5	59.3	68.2	49.1	76.6	57.1	75.7	51.0
June	69.3	58.0	73.9	53.7	73.2	52.2	79.9	60.6	69.5	49.4	79.2	59.4	79.1	53.7
July	69.4	57.4	75.1	55.5	71.0	51.0	74.7	56.4	69.6	49.4	79.5	58.7	76.6	50.0
August	69.5	58.2	77.9	57.2	75.4	54.9	78.4	62.4	70.4	49.6	81.1	60.3	76.8	50.0
September	69.7	57.8	80.3	58.7	80.6	58.7	89.0	71.8	72.4	51.5	82.6	63.5	81.9	57.1
October	70.6	59.8	81.7	62.4	83.3	61.6	93.6	75.3	73.0	53.4	81.3	62.5	81.6	57.4
November	71.0	59.4	81.6	60.5	83.9	61.4	97.0	76.1	72.3	52.7	78.4	60.7	76.1	52.5
December	70.8	59.6	81.5	60.9	89.1	64.0	118.9	90.1	73.9	54.9	78.4	61.1	70.5	47.3
1934														
January	70.5	59.2	80.6	60.3	79.8	59.0	86.6	71.1	76.4	57.2	78.5	61.7	68.1	46.8
February	71.0	60.1	81.2	61.0	79.6	58.8	85.9	68.9	78.9	60.9	78.4	61.7	68.1	46.3
March	71.7	62.2	81.8	62.0	81.5	59.8	90.1	71.5	80.4	62.2	79.2	62.7	72.4	51.7
April	72.2	62.9	82.1	63.1	82.5	61.2	91.0	74.0	81.5	62.7	80.5	64.4	79.9	60.8
May	72.8	63.0	82.8	62.6	82.9	61.5	92.0	74.5	81.8	62.9	82.1	66.9	84.3	65.1
June	73.2	63.2	82.3	62.8	82.6	61.4	90.6	73.9	81.9	62.9	84.0	68.3	84.9	64.1
July	73.1	63.8	82.2	63.8	79.0	60.1	83.0	69.5	80.4	61.5	84.6	68.2	80.5	58.9
August	72.8	62.8	82.5	62.7	77.8	58.4	81.2	66.9	80.0	60.2	83.7	66.6	78.6	56.7
September	72.5	62.4	83.5	63.6	81.7	60.6	91.5	74.0	80.0	61.0	82.9	65.9	80.0	59.0
October	72.2	63.0	84.3	64.5	82.6	61.9	94.2	77.3	80.9	62.7	81.7	64.8	80.3	59.1
November	71.8	61.8	85.1	64.2	83.7	61.8	100.2	79.8	80.6	62.4	80.3	63.7	75.8	53.9
December	71.0	62.3	85.0	64.8	90.9	66.0	127.3	97.8	80.0	62.2	79.5	63.3	72.4	51.1

[1] Not including electric-railroad-car building and repairing; see under manufacturing industries, p. 318.
[2] Adjusted to conform with the Federal Census data through 1933 for trade and 1931 for hotels and laundries. Indexes for hotels relate to year-round hotels having 25 or more guest rooms.
[3] Data are not available.

Source: Bureau of Labor Statistics, Department of Labor.

No. 357.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR

NOTE.—Index numbers subsequent to 1924 cover only the occupations listed in table 359; for previous years they included also the metal and millwork trades. See also headnote, table 358

[Rates and hours for 1913=100]

Year	Rates of wages per hour	Hours per full-time week	Rates of wages per full-time week	Year	Rates of wages per hour	Hours per full-time week	Rates of wages per full-time week
1907	89.7	102.6	91.5	1921	205.3	93.9	193.3
1908	91.0	102.1	92.5	1922	193.1	94.4	183.0
1909	91.9	101.9	93.3	1923	210.6	94.3	198.6
1910	94.4	101.1	95.2	1924	228.1	93.9	214.3
1911	96.0	100.7	96.5	1925	237.9	93.0	222.3
1912	97.6	100.3	97.7	1926	250.3	92.8	233.4
1913	100.0	100.0	100.0	1927	259.5	92.4	240.8
1914	101.9	99.6	101.6	1928	260.6	91.9	240.6
1915	102.8	99.4	102.3	1929	262.1	91.5	240.7
1916	107.2	98.8	106.2	1930	272.1	89.8	243.8
1917	114.1	98.4	112.4	1931	273.0	89.2	242.9
1918	132.7	97.0	129.6	1932	241.8	87.7	212.2
1919	154.5	94.7	147.8	1933	231.2	88.0	203.0
1920	199.0	93.8	188.5				

Source: Bureau of Labor Statistics, Department of Labor.

No. 358.—INDEX NUMBERS OF UNION HOURS OF LABOR PER WEEK AND RATES OF WAGES PER HOUR, BY OCCUPATIONS

NOTE.—Data cover the principal cities of the United States. The relative hours are percentages showing the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes nor of overtime work. The relative wages are percentages which indicate the change in wages per hour. The figures are based on the scale prevailing May 15 each year. Data for 1934 and 1935 are being compiled by the Department of Labor but are not available at the time this publication goes to press

[Rates and hours for 1913=100]

Year	Bakers		Building trades									
			Bricklayers, building		Building laborers		Carpenters, general		Carpenters: Parquetry-floor layers		Cement finishers	
	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour
1910	109.1	85.8	100.6	96.7	100.0	94.5	100.7	95.1			102.1	94.2
1921	90.3	278.7	98.7	172.7	94.7	227.7	98.4	197.8	94.1	219.6	95.0	188.4
1923	90.2	276.0	98.6	191.1	94.7	218.1	98.8	204.0	93.6	222.0	95.0	191.2
1925	89.7	293.4	98.5	213.4	94.5	231.6	98.8	222.8	93.4	215.7	94.7	212.6
1926	90.5	277.2	98.5	226.4	94.7	254.9	98.8	238.4	94.1	253.1	94.7	226.9
1927	90.2	286.8	98.1	231.9	94.9	255.8	98.8	246.7	93.9	250.2	94.4	236.8
1928	89.6	285.9	98.0	233.9	94.8	257.0	98.2	247.5	93.3	236.1	93.8	234.6
1929	89.4	293.4	95.5	239.6	94.7	258.2	98.2	252.0	93.6	241.9	93.9	234.6
1930	89.4	289.2	93.3	245.1	92.8	275.3	95.1	261.6	87.7	250.5	90.3	256.4
1931	89.8	279.9	91.7	245.9	91.3	267.5	93.5	263.5	86.5	262.8	90.0	253.3
1932	90.2	256.0	88.6	211.9	89.0	228.3	91.1	219.4	87.1	208.3	88.4	213.8
1933	89.9	239.5	89.8	207.5	87.6	228.0	90.5	208.1	84.9	176.6	89.6	210.9

Year	Building trades—Continued											
	Engineers, portable and hoisting		Hod carriers		Inside wiremen		Lathers		Marble setters		Painters, building	
	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour
1910			101.2	97.2	100.8	95.9			100.5	92.5	101.3	92.6
1921	96.3	178.2	98.0	237.8	96.2	201.9	98.1	192.1	99.2	160.6	94.7	212.8
1923	95.6	185.5	98.1	215.4	96.2	197.1	98.4	199.3	99.2	178.0	95.1	218.7
1925	95.9	205.7	97.9	251.5	96.2	232.4	97.9	234.5	99.2	190.0	95.3	243.1
1926	96.1	217.2	98.0	273.8	96.1	244.6	97.6	240.6	99.2	212.3	94.9	257.5
1927	97.7	224.2	98.0	280.4	96.2	254.9	97.2	250.3	99.1	217.0	94.5	266.2
1928	96.6	233.5	98.0	280.7	95.7	257.2	96.7	251.0	99.1	218.0	92.0	270.8
1929	96.9	232.5	92.7	293.0	93.4	268.2	96.2	249.0	99.1	233.4	91.8	270.2
1930	93.5	259.0	92.9	302.3	91.2	271.1	90.9	259.4	93.8	234.5	90.5	289.5
1931	92.3	261.4	92.1	297.3	90.3	275.1	90.2	262.6	92.2	235.5	89.7	292.4
1932	89.6	245.7	89.8	241.3	87.6	262.5	89.8	232.4	91.2	214.6	89.3	242.3
1933	89.7	214.8	89.8	206.1	87.8	241.1	89.5	219.6	91.1	209.5	89.0	245.3

No. 358.—Index Numbers of Union Hours of Labor per Week and Rates of Wages per Hour, by Occupations—Continued

Year	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour
	Building trades—Continued											
	Plasterers		Plasterers' laborers		Plumbers and gas fitters		Sheet-metal workers		Steam and sprinkler fitters		Stonemasons	
1910	100.6	96.6	100.6	96.4	101.1	90.9	101.7	91.0	101.3	91.9	100.8	94.7
1921	97.5	180.5	98.3	219.1	97.8	181.1	97.1	202.3	97.0	171.3	99.2	193.0
1923	98.1	193.2	98.4	212.0	97.7	185.6	97.1	201.9	97.0	175.6	99.2	212.5
1925	97.9	219.8	98.1	243.1	97.7	206.6	97.1	229.3	97.0	212.2	98.9	229.5
1926	95.1	230.1	94.9	257.2	97.7	222.7	97.1	244.8	96.9	229.7	99.1	253.1
1927	94.7	241.0	94.9	259.7	97.6	227.2	96.8	252.2	96.8	236.2	98.9	256.0
1928	93.9	241.6	95.1	264.1	97.5	232.1	91.5	247.4	96.8	239.5	98.8	259.3
1929	93.0	238.6	95.0	265.0	96.7	233.8	96.4	256.9	96.3	241.0	95.9	266.5
1930	91.2	250.3	91.9	282.3	92.0	240.0	92.7	268.5	92.0	252.2	92.9	266.4
1931	90.6	253.0	92.0	274.3	90.9	244.2	91.2	273.2	91.2	254.5	91.1	269.0
1932	89.0	210.6	91.5	221.3	89.7	210.0	89.0	234.0	88.6	214.2	90.4	237.4
1933	90.1	201.3	90.1	203.7	90.3	209.7	88.7	227.5	88.1	211.3	90.1	224.3
	Building trades—Contd.											
	Structural-iron workers		Tile layers		Chauffeurs		Teamsters and drivers		Longshoremen		Granite cutters	
1910	101.7	92.7									101.8	93.7
1921	98.7	184.0	98.3	161.9	87.5	202.5	88.2	223.0	76.6	236.8	100.1	209.0
1923	98.8	178.4	98.4	174.0	88.6	197.7	89.3	224.9	81.8	209.2	99.8	212.7
1925	98.8	204.5	98.4	202.3	87.7	223.5	88.2	254.3	77.5	239.9	100.2	216.8
1926	98.7	218.5	98.4	212.0	85.1	226.3	89.0	256.6	76.7	242.0	100.0	244.1
1927	98.7	235.5	98.3	221.9	83.8	242.1	88.3	269.1	75.7	236.7	100.2	242.6
1928	98.7	235.7	98.0	221.8	84.0	243.2	88.2	277.1	75.6	248.6	100.2	245.3
1929	98.2	236.0	97.8	224.2	82.7	244.2	87.5	279.8	75.7	250.1	99.9	249.8
1930	95.4	248.1	92.8	234.9	82.2	249.4	87.8	292.0	75.6	253.5	95.2	262.3
1931	94.1	251.6	91.5	237.2	81.8	253.9	89.9	287.8	76.0	251.5	94.2	262.5
1932	91.5	215.4	89.5	206.1	82.0	244.9	84.8	269.2	75.7	251.5	94.4	234.1
1933	91.2	212.8	90.2	204.5	81.6	228.7	85.7	249.3	75.5	242.5	92.6	228.5
	Printing and publishing: Book and job											
	Bookbinders		Compositors, hand		Electrotypers		Machine operators, timework		Press assistants and feeders		Pressmen, cylinder	
1910	100.3	95.1	100.1	94.1	100.8	91.5	100.3	93.9	100.2	92.4	100.0	95.4
1921	94.7	220.1	94.3	219.6	96.5	223.1	93.9	209.6	94.2	245.8	94.5	205.5
1923	93.4	224.0	91.4	223.5	95.9	241.6	92.2	203.8	92.5	266.2	93.0	216.7
1925	93.3	236.6	91.7	237.4	96.6	249.7	92.2	211.7	92.4	278.8	92.6	225.9
1926	93.2	240.8	91.7	242.1	96.6	252.2	92.0	215.2	92.3	281.9	92.4	230.5
1927	93.0	246.0	91.7	246.6	96.6	255.2	92.2	223.0	92.2	285.3	92.4	230.9
1928	93.6	244.8	91.7	250.1	96.6	257.1	92.0	224.6	92.2	287.0	92.3	232.7
1929	93.0	247.5	91.7	251.5	96.3	263.2	92.0	228.0	92.1	289.7	92.3	236.8
1930	93.5	250.7	91.7	259.3	95.2	269.9	92.0	238.0	92.1	294.8	92.3	240.1
1931	93.3	252.7	91.7	260.2	94.6	274.5	91.9	228.8	92.1	299.9	92.4	239.1
1932	92.9	244.0	91.4	259.3	94.6	272.8	91.9	240.1	81.1	290.4	84.4	236.2
1933	92.4	239.1	88.9	237.2	89.7	253.9	87.8	218.3	84.8	271.3	84.9	224.1
	Printing and publishing: Book and job—Con.		Printing and publishing: Newspaper									
	Pressmen, platen		Compositors, hand, daywork		Machine operators, daywork, (timework)		Machine tenders, (machinists), daywork		Pressmen, web presses, daywork		Stereotypers, daywork	
1910	99.8	94.9	100.4	92.7	100.5	94.8			100.3	95.5	100.5	92.1
1921	94.7	231.7	99.5	174.9	99.2	175.5	99.8	178.5	100.6	184.1	98.1	173.9
1923	92.9	235.8	100.6	177.9	100.3	183.1	100.5	180.9	102.3	182.4	99.9	174.9
1925	93.1	244.3	99.4	193.7	99.0	198.0	100.3	185.3	100.0	208.2	99.6	184.5
1926	92.3	255.8	99.3	196.7	98.9	201.6	100.2	185.2	100.3	212.2	99.6	188.1
1927	92.3	258.3	99.3	201.8	98.5	208.9	100.1	194.5	99.9	223.3	99.1	191.0
1928	92.5	253.9	98.9	206.6	98.2	213.8	100.0	198.4	99.9	224.9	99.5	191.0
1929	92.6	257.8	98.4	211.3	98.3	217.4	99.6	201.7	99.8	228.1	98.5	200.1
1930	92.6	259.9	98.4	212.5	98.2	216.7	99.2	205.1	99.9	229.3	98.5	201.8
1931	92.5	260.2	98.4	212.5	98.3	220.0	99.3	204.7	99.9	231.2	98.6	201.6
1932	90.4	260.1	95.5	204.5	96.0	214.2	92.7	209.7	97.8	236.0	98.0	203.9
1933	87.5	241.3	93.9	195.7	95.0	197.1	94.9	186.0	99.1	215.3	96.9	190.4

Source: Bureau of Labor Statistics, Department of Labor.

No. 359.—AVERAGE UNION RATES OF WAGES PER HOUR IN TRADES SPECIFIED, FOR THE UNITED STATES, AS OF MAY 15

NOTE.—Statistics cover the principal cities of the United States. For index numbers in the principal trades, based on these rates, see table 358. See also headnote of that table regarding data for 1934 and 1935

Occupation	1931	1932	1933
Grand average, all trades herein covered [1]	*Dols.* 1.254	*Dols.* 1.111	*Dols.* 1.062
Bakers	.934	.951	.799
BUILDING TRADES			
Asbestos workers	1.471	1.237	1.222
Bricklayers:			
Building	1.700	1.465	1.435
Sewer, tunnel, and caisson	2.039	1.522	1.604
Building labor group:			
Building laborers	.893	.762	.761
Hod carriers	1.088	.883	.754
Plasterers' laborers	1.128	.910	.838
Plumbers' laborers	1.051	.883	.908
Carpenters:			
General	1.400	1.166	1.106
Millwrights	1.349	1.108	1.047
Parquetry-floor layers	1.494	1.184	1.004
Ship	1.372	1.109	1.021
Wharf and bridge	1.383	1.153	1.228
Cement finishers	1.475	1.245	1.228
Composition roofers	1.432	1.182	1.207
Composition roofers' helpers	.782	.730	.682
Elevator constructors	1.524	1.409	1.295
Elevator constructors' helpers	1.098	1.004	.936
Engineers, portable and hoisting	1.608	1.511	1.321
Glaziers	1.428	1.211	1.222
Inside wiremen	1.506	1.437	1.320
Inside wiremen, fixture hangers	1.335	1.276	1.002
Lathers	1.505	1.385	1.309
Marble setters	1.572	1.432	1.398
Marble setters' helpers	1.026	.931	.938
Mosaic and terrazzo workers	1.466	1.356	1.238
Painters:			
Building	1.482	1.228	1.243
Fresco	1.456	1.051	1.070
Sign	1.573	1.393	1.338
Plasterers	1.709	1.423	1.360
Plumbers and gas fitters	1.514	1.302	1.300
Sheet-metal workers	1.441	1.234	1.200
Slate and tile roofers	1.576	1.401	1.375
Steam and sprinkler fitters	1.525	1.283	1.266
Steam and sprinkler fitters' helpers	1.084	.953	.926
Stonemasons	1.642	1.449	1.309
Structural-iron:			
Workers	1.564	1.339	1.323
Finishers	1.598	1.332	1.346
Tile layers	1.554	1.350	1.340
Tile layers' helpers	1.047	.923	.831
Average, building trades	1.428	1.216	1.201

Occupation	1931	1932	1933
PRINTING AND PUBLISHING: BOOK AND JOB			
	Dols.	*Dols.*	*Dols.*
Bindery women	0.541	0.515	0.509
Bookbinders	1.023	.988	.968
Compositors, hand	1.166	1.162	1.063
Electrotypers	1.315	1.307	1.216
Machine operators, timework	1.192	1.251	1.137
Machine tenders (machinists)	1.218	1.279	1.191
Photo-engravers	1.329	1.371	1.321
Press assistants and feeders	.880	.852	.796
Pressmen:			
Cylinder	1.161	1.147	1.088
Platen	.948	.911	.879
Average, printing and publishing, book and job	1.068	1.084	1.006
PRINTING AND PUBLISHING: NEWSPAPER			
Compositors, hand:			
Daywork	1.210	1.164	1.114
Nightwork	1.311	1.283	1.222
Machine operators, daywork:			
Piecework	[2] 1.147	[2] 1.149	[2] 1.129
Timework	1.239	1.206	1.110
Machine operators, nightwork:			
Piecework	[2] 1.167	[2] 1.167	[2] 1.158
Timework	1.339	1.335	1.219
Machine tenders (machinists)			
Daywork	1.204	1.233	1.094
Nightwork	1.332	1.380	1.211
Photo-engravers:			
Daywork	1.354	1.347	1.263
Nightwork	1.653	1.652	1.478
Pressmen, web presses:			
Daywork	1.104	1.122	1.028
Nightwork	1.292	1.306	1.240
Stereotypers:			
Daywork	1.063	1.075	1.004
Nightwork	1.241	1.227	1.160
Average, printing and publishing, newspaper	1.247	1.231	1.149
CHAUFFEURS AND TEAMSTERS AND DRIVERS			
Chauffeurs	.737	.711	.664
Teamsters and drivers	.755	.785	.654
Average, chauffeurs, etc.	.740	.722	.663
GRANITE AND STONE TRADES			
Granite cutters	1.344	1.199	1.170
Stonecutters	1.524	1.380	1.294
Average, granite and stone trades	1.437	1.293	1.234
MISCELLANEOUS TRADES			
Laundry workers	.481	.487	.435
Linemen	1.135	1.091	1.034
Longshoremen	.868	.868	.837

[1] Except piecework.

[2] Rate per 1,000 ems.

Source: Bureau of Labor Statistics, Department of Labor.

No. 360.—EMPLOYMENT AND PAY ROLLS ON PUBLIC WORKS FUNDS PROJECTS

NOTE.—Amount of pay rolls in thousands of dollars. Data relate to workers at site of Federal and non-Federal construction projects and jobs in railway car and locomotive shops financed in whole or in part from Public Works funds. Figures are in part duplicated in data shown elsewhere for Federal employees, railroads, and other agencies engaged on force-account projects (projects for which contracts are not let). Number of wage earners is weekly average for public-road projects; maximum number for other projects

Year and month	Number of wage earners	Amount of pay rolls	Average earnings per hour	Year and month	Number of wage earners	Amount of pay rolls	Average earnings per hour
1933:				1934—continued:			
July	267	26	$0.751	July	644,729	34,845	$0.574
August	4,719	132	.637	August	602,360	35,126	.586
September	39,535	1,785	.542	September	549,624	31,689	.613
October	146,747	6,354	.528	October	507,886	29,289	.628
November	255,512	11,553	.531	November	470,467	28,791	.620
December	300,758	13,092	.537	December	382,594	22,444	.642
1934:				1935:			
January	298,069	12,646	.540	January	304,723	18,463	.672
February	311,381	14,348	.541	February	272,273	16,896	.672
March	307,274	14,113	.553	March	281,461	17,401	.669
April	382,220	18,785	.570	April	333,045	20,940	.667
May	506,056	25,942	.563	May	394,875	24,490	.667
June	610,752	33,808	.566	June	414,306	25,387	.654

No. 361.—UNEMPLOYMENT RELIEF: FAMILIES AND SINGLE PERSONS RECEIVING RELIEF AND OBLIGATIONS INCURRED FOR RELIEF FROM PUBLIC FUNDS AS REPORTED TO THE FEDERAL EMERGENCY RELIEF ADMINISTRATION

Year and month	Resident families and single persons receiving relief (thousands)[1]				Transients receiving relief[3] (thousands)	Obligations incurred for relief (thous. of dollars)							Average relief benefits per family per month[5]
						Total	Direct relief	Work relief[4]	All other[5]	Source of funds			
										From Federal funds		From State and local funds	
	Families	Single persons	Total persons	Percent of total population[2]						Amount	Percent of total		
1933						792,782	377,280	192,982	222,540	480,601	61	312,161	
Jan.	[7]3,350	(6)	(6)	(6)	(6)	60,827	(6)	(6)	(6)	31,175	51	29,652	(6)
Feb.	[7]4,140	(6)	(6)	(6)	(6)	67,375	(6)	(6)	(6)	39,850	59	27,525	(6)
Mar.	[7]4,560	(6)	(6)	(6)	(6)	81,206	(6)	(6)	(6)	51,356	63	29,850	(6)
Apr.	4,475	(6)	(6)	(6)	(6)	73,011	44,324	24,311	4,376	45,374	62	27,637	[9]$14.13
May	4,252	(6)	(6)	(6)	(6)	70,806	41,347	25,169	4,290	48,803	69	22,003	15.59
June	3,789	(6)	(6)	(6)	(6)	66,339	39,423	22,630	4,286	42,524	64	23,815	[9]14.93
July	3,452	[7]455	[7]15,282	12	(6)	60,156	34,739	21,577	3,843	37,482	62	22,674	15.07
Aug.	3,352	[7]412	[7]15,077	12	(6)	61,470	33,413	23,796	4,261	39,781	65	21,689	[9]15.20
Sept.	2,985	[7]403	[7]13,338	11	(6)	59,346	32,798	21,966	4,582	36,289	61	23,057	17.17
Oct.	3,011	[7]436	[7]13,618	11	(6)	64,889	35,249	23,851	5,789	40,415	62	24,474	19.18
Nov.[10]	3,365	461	15,080	12	(6)	70,811	43,371	21,725	5,715	39,797	56	31,014	18.31
Dec.[10]	2,631	438	11,665	10	(6)	56,526	45,793	3,468	7,265	27,755	49	28,771	16.88
1934						1,478,026	656,858	461,914	359,254	1,088,588	72	409,438	
Jan.[10]	2,480	456	11,087	9	(6)	53,881	43,740	1,561	8,580	29,066	54	24,815	16.71
Feb.[10]	2,600	532	11,627	9	127	57,668	45,894	1,589	10,185	26,463	46	31,205	16.87
Mar.[10]	3,071	663	13,494	11	145	69,813	54,242	3,377	12,194	32,522	47	37,290	17.93
Apr.	3,847	590	16,840	14	164	113,307	55,215	38,971	19,121	82,300	73	31,008	20.98
May	3,816	620	17,233	14	174	128,286	54,879	42,703	30,704	95,543	75	32,743	23.00
June	3,766	561	16,880	14	187	125,356	51,120	42,424	31,812	91,997	73	33,359	23.28
July	3,858	543	17,260	14	195	130,941	50,006	47,367	33,478	95,158	73	35,783	24.05
Aug.	4,055	571	18,179	15	206	149,165	54,545	54,921	39,699	112,707	76	36,458	25.83
Sept.	4,090	658	18,389	15	222	141,477	52,882	50,290	38,305	108,316	77	33,161	24.10
Oct.	4,096	722	18,405	15	233	156,367	59,698	53,902	42,767	121,871	78	34,496	26.39
Nov.	4,218	772	18,951	15	267	172,265	63,128	62,850	46,287	133,865	78	38,400	28.31
Dec.	4,404	800	20,046	16	289	179,500	71,419	61,959	46,122	138,780	77	40,720	28.37
1935:													
Jan.	4,618	851	20,670	17	297	190,751	76,524	71,686	48,541	152,182	77	44,569	30.43
Feb.	4,574	864	20,536	17	300	180,429	71,843	63,624	44,962	141,614	79	38,815	28.05
Mar.	4,558	880	20,552	17	300	188,244	74,265	62,868	51,111	146,341	78	41,902	28.73
Apr.	4,471	882	20,035	16	294	188,027	70,767	62,344	54,916	142,051	76	45,975	28.90
May	4,301	863	19,250	16	287	188,093	65,855	64,560	57,678	144,448	77	43,645	29.34

[1] Covers the general relief programs (direct relief and work program) and special programs (rural rehabilitation, emergency education, and college student aid).

[2] Based on the 1930 Census of Population.

[3] Middle of the month figures.

[4] Beginning April 1934, represents earnings of relief persons under the E. R. A. work program.

[5] Includes obligations incurred for relief under the special programs, for administration and, since April 1934, for purchases of materials, supplies, and equipment, rentals of equipment, earnings of nonrelief persons employed, and other expenses incident to the work program.

[6] Covers only direct relief and work program earnings of families under the general relief program.

[7] *Partially estimated.*

[8] Data not available.

[9] Average per case.

[10] Figures do not include the Civil Works program which was in existence November 1933 to March 1934.

Sources: Table 360, Bureau of Labor Statistics, Department of Labor; table 361, Federal Emergency Relief Administration.

No. 362.—UNEMPLOYMENT RELIEF: Persons Receiving Relief and Obligations Incurred for Relief from Public Funds as Reported to the Federal Emergency Relief Administration, by States

State	Persons receiving relief, Dec. 1934 [1] (thous.)	Percent of total population [2]	Obligations incurred during 1934 (thous. of dollars) [3]		State	Persons receiving relief, Dec. 1934 [1] (thous.)	Percent of total population [2]	Obligations incurred during 1934 (thous. of dollars) [3]	
			Total	Federal funds				Total	Federal funds
United States	**20,048**	**16**	**1,478,026**	**1,068,588**	Montana	105	20	11,187	9,960
					Nebraska	190	14	10,183	7,988
Alabama	337	13	18,990	18,097	Nevada	11	13	2,434	2,357
Arizona	93	21	7,746	6,592	New Hampshire	43	9	4,240	2,528
Arkansas	357	19	17,048	16,153	New Jersey	658	16	49,798	42,631
California	803	14	66,830	48,434	New Mexico	129	31	6,415	6,359
Colorado	223	22	17,716	13,979	New York	2,077	17	274,379	152,496
Connecticut	183	11	18,504	9,491	North Carolina	328	10	13,993	13,804
Delaware	19	8	1,646	829	North Dakota	196	29	12,471	11,469
Dist. of Col	66	14	8,341	7,318	Ohio	1,193	18	77,334	57,237
Florida	307	21	18,038	18,027	Oklahoma	677	28	19,642	16,409
Georgia	389	13	20,550	19,588	Oregon	123	13	9,818	8,262
Idaho	105	24	6,623	6,019	Pennsylvania	1,738	18	146,092	105,575
Illinois	1,129	15	106,984	72,288	Rhode Island	75	11	7,103	3,246
Indiana	486	15	31,477	20,787	South Carolina	299	17	14,568	14,178
Iowa	259	11	14,260	7,849	South Dakota	286	41	20,886	19,559
Kansas	316	17	19,882	14,570	Tennessee	301	12	13,345	12,762
Kentucky	483	19	15,590	13,307	Texas	1,138	20	35,024	21,923
Louisiana	277	13	19,489	19,072	Utah	117	23	10,721	8,607
Maine	80	10	8,878	5,372	Vermont	27	8	1,980	1,191
Maryland	175	11	19,843	14,713	Virginia	194	8	7,697	6,750
Massachusetts	690	16	72,960	40,191	Washington	202	13	16,683	13,787
Michigan	866	18	60,760	41,190	West Virginia	396	23	19,176	16,683
Minnesota	568	22	35,218	28,573	Wisconsin	432	15	39,206	30,787
Mississippi	277	14	12,795	12,551	Wyoming	34	15	3,900	3,811
Missouri	589	16	28,983	23,239					

[1] Does not include transients. See also note 1, table 361.
[2] Based on 1930 Census of Population.
[3] Includes obligations incurred for relief under the general relief program, under all special programs, for administration, purchases of materials, supplies and equipment, rental of equipment, earnings of nonrelief persons, and other expenses incident to the work program.

Source: Federal Emergency Relief Administration.

No. 363.—EMERGENCY CONSERVATION WORK: Enrolled Strength of Civilian Conservation Corps and Amount Expended or Obligated

Note—Data for enrolled strength represent continental United States, while those for expenditures or obligations include Alaska, Hawaii, and Puerto Rico for 1933–34, and for 1934–35, also the Virgin Islands

Month	Enrolled strength at end of month [1]		Object of expenditure	Expended or obligated (thousands of dollars)	
	1933–34 [2]	1934–35 [2]		1933–34 [2]	1934–35 [2 4]
April	37,189	267,256	Total	296,128	450,046
May	154,238	285,546			
June	279,722	232,677	Allowance to members	90,161	126,428
July	293,582	345,181	Pay of civilian employees	28,377	43,862
August	275,998	338,047	Clothing, subsistence, etc.[5]	91,946	144,767
September [3]	208,700	277,704	Supplies, materials, and equipment	41,696	56,506
October	240,241	349,334	Travel of persons	11,655	14,209
November	287,733	337,456	Transportation of things	7,392	9,690
December	278,517	299,479	Miscellaneous	14,903	31,259
January	289,184	346,245	Acquisition of land	9,998	23,327
February	278,766	332,876			
March [3]	211,747	241,810			

[1] Excludes Indians and Territorial enrollees, averaging about 9,000 per month.
[2] Years ended March.
[3] Last day enrollment is low for these months as they are the end of a 6 months' discharge period.
[4] Includes oligations contracted for in January, Febbruary, and March 1935, for actual operations and enlargement of Civilian Conservation Corps, which took place subsequent to March 1935.
[5] Includes shelter, clothing, medical supplies and treatment, and utilities.

Source: Director of Emergency Conservation Work.

16.—POSTAL SERVICE

[Postal statistics, unless otherwise noted, include data for outlying territories and possessions except Philippine Islands and Canal Zone]

No. 364.—UNITED STATES POSTAL SERVICE, 1800 TO 1934

Year ended 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 [5]	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			[6] 2	
1850	18,417	178,672	5,500	5,213	+287	.20			216	
1860	28,498	240,594	8,518	10,171	−10,653	.27			387	
1865	26,550	142,340	14,556	13,695	+917	.42	[6] 1,360			
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	75,983	87,180	−10,230	1.12	156,709	12,906	2,705	5,134
1897	71,022	470,032	82,065	94,077	−11,432	1.15	174,483	13,588	3,064	5,781
1898	73,570	480,461	89,013	98,034	−9,055	1.22	191,364	13,240	3,418	6,214
1899	75,900	496,948	95,021	101,632	−6,630	1.28	211,214	13,745	3,693	6,575
1900	76,688	500,989	102,355	107,740	−5,410	1.34	238,921	16,749	3,999	7,130
1901	76,945	511,808	111,631	115,555	−3,982	1.43	274,546	20,073	4,239	7,424
1902	75,924	507,540	121,848	124,780	−2,961	1.53	313,551	22,974	4,621	8,085
1903	74,169	508,268	134,224	138,784	−4,587	1.66	353,628	35,238	5,271	8,887
1904	71,131	496,818	143,583	152,362	−8,813	1.74	378,778	42,550	5,331	9,502
1905	68,131	486,805	152,827	167,399	−14,594	1.81	396,903	47,516	5,751	10,188
1906	65,600	478,711	167,933	178,450	−10,543	1.96	444,516	63,048	6,284	11,361
1907	62,058	463,406	183,585	190,238	−6,692	2.11	479,650	84,081	7,061	12,256
1908	60,704	450,738	191,479	208,352	−16,910	2.15	498,700	88,972	7,651	13,364
1909	60,144	448,618	203,562	221,004	−17,480	2.24	491,075	76,755	8,732	14,005
1910	59,580	447,998	224,129	229,977	−5,881	2.43	547,994	99,743	9,087	14,850
1911	59,237	435,488	237,880	237,649	+219	2.53	578,111	109,605	10,046	16,901
1912	58,729	436,499	245,744	248,525	−1,786	2.58	583,337	97,660	9,929	17,589
1913	58,020	436,293	266,620	262,068	+4,511	2.74	624,489	102,608	10,813	18,567
1914	56,810	435,597	287,935	283,544	+4,376	2.91	667,231	101,963	11,112	
1915	56,380	433,334	287,248	298,546	−11,333	2.85	656,139	60,772	11,226	
1916	55,935	425,950	312,058	300,204	+5,829	3.05	719,365	40,357	11,672	
1917	55,414	454,835	329,726	319,830	+9,836	3.18	813,319	41,645	12,452	
1918 [8]	54,347	465,371	388,976	324,834	+64,127	3.70	904,650	35,865	13,066	
1919 [8]	53,084	455,498	436,239	362,498	+73,735	4.11	1,109,613	39,766	15,020	
1920	52,641	435,342	437,150	454,323	−17,270	4.10	1,332,700	32,960	13,213	
1921	52,158	434,349	403,491	620,994	−157,518	4.28	1,305,370	24,399	13,870	
1922	51,950	454,901	434,854	545,644	−60,815	4.41	1,205,327	20,651	14,262	
1923	51,613	460,171	532,828	556,851	−24,065	4.78	1,376,461	34,119	15,478	23,055
1924	51,266	467,896	572,949	587,377	−14,464	5.08	1,510,705	50,615	15,954	24,358
1925	50,957	464,269	599,591	639,282	−39,745	5.28	1,532,567	52,050	17,387	25,835
1926	50,601	470,779	659,820	679,704	−19,972	5.63	1,500,486	63,172	16,333	25,484
1927	50,206	478,662	683,122	714,577	−31,506	5.76	1,647,580	68,952	16,000	26,687
1928	49,944	487,512	693,634	725,700	−32,121	5.78	1,630,157	71,520	16,676	26,837
1929	49,482	491,179	696,948	782,344	−85,461	5.73	1,658,443	76,113	16,917	27,952
1930	49,063	503,918	705,484	803,667	−98,216	5.75	1,714,576	72,708	16,269	27,885
1931	48,733	528,670	656,403	802,485	−145,066	5.29	1,559,549	62,228	15,559	26,544
1932	48,159	537,644	588,172	793,684	−205,551	4.71	1,536,889	48,849	14,661	24,307
1933	47,641	536,679	587,631	699,887	−112,375	4.67	1,647,421	35,116	11,917	19,863
1934	46,506	536,751	586,733	630,733	−44,034	4.64	1,776,740	30,041	12,526	20,526

[1] Not counting rural free delivery routes.

[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] International includes foreign countries on domestic basis. For explanation see headnote table 366.

[4] Data are for continental United States and are estimates except in 1923 and beginning with 1926, when figures are accurate calculations. No estimates made from 1914 to 1922, inclusive.

[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.

[8] Gross revenues of department for 1918 and 1919 include $44,500,000 and $71,202,000, respectively, war-tax revenue accruing from increased postage.

Source: Annual Reports of the Postmaster General.

No. 365.—REVENUES, UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

[All figures in thousands of dollars]

Item	1910	1915	1920	1925	1930	1932	1933	1934
Total	224,129	287,248	437,150	599,591	705,484	588,172	587,631	586,733
Ordinary postal revenue	219,339	279,460	424,406	585,338	686,426	568,344	564,325	559,920
Stamps, postal cards, etc.[1]	202,065	256,037	379,587	507,572	574,851	459,945	456,407	449,773
Second-class postage paid in money (pound rates)[1]	8,174	10,468	25,100	29,619	28,584	21,189	18,154	19,357
Other postage paid in money under permit	4,418	7,527	12,960	39,301	73,545	77,736	81,485	82,210
Box rents	4,139	4,981	6,145	7,817	8,539	7,832	6,860	6,515
Miscellaneous	542	448	614	1,024	907	1,641	1,419	2,065
Money-order revenues	4,790	7,175	10,314	12,909	17,496	15,762	16,016	18,710
Revenue from postal savings		612	2,430	1,349	1,562	4,066	6,690	8,103

[1] For volume of this item, see table 370.

No. 366.—POSTAL MONEY-ORDER BUSINESS: YEARS ENDED JUNE 30

NOTE.—For revenues from money orders, see table 365. For value of orders issued for other years, see table 364. Money orders are exchanged on a domestic basis not only within this country, but with its outlying possessions, Canada, Cuba, and numerous islands and minor countries neighboring the United States. International-basis orders are exchanged between the United States and its outlying possessions, on the one hand, and other than "domestic basis" foreign countries, on the other. In this table, however, "International" includes money orders exchanged between the United States and "domestic basis" foreign countries, and these are not included in "Domestic"

Item	1910	1915	1920	1925	1930	1932	1933	1934
Number of money-order offices	51,791	55,670	54,395	54,269	54,161	55,081	56,106	53,803
DOMESTIC[1]								
Orders issued								
Number (1,000)	76,918	105,073	148,491	197,054	202,273	178,633	170,932	198,081
Amount (1,000 dollars)	547,994	656,139	1,332,700	1,532,567	1,714,576	1,536,889	1,647,421	1,776,740
Orders paid:								
Number (1,000)	76,496	103,884	147,520	196,038	201,453	179,299	171,552	196,624
Amount (1,000 dollars)	545,632	652,786	1,333,046	1,531,597	1,713,681	1,538,095	1,642,617	1,776,361
Excess of issues:[2]								
Number (1,000)	422	1,190	971	1,015	820	—666	—620	1,457
Amount (1,000 dollars)	2,362	1,353	—346	970	895	—1,206	—4,804	378
INTERNATIONAL[3,4]								
Orders issued:								
Number (1,000)	4,500	3,055	1,852	2,966	3,978	3,164	2,640	2,360
Amount (1,000 dollars)	99,743	60,772	32,960	52,650	72,708	48,849	35,116	30,041
Orders paid:								
Number (1,000)	1,956	2,217	1,508	1,765	2,161	1,237	949	1,082
Amount (1,000 dollars)	27,244	24,743	25,362	19,765	25,825	14,577	11,012	13,145
Excess of issues:								
Number (1,000)	2,544	837	343	1,201	1,817	1,927	1,691	1,278
Amount (1,000 dollars)	72,499	36,029	7,598	32,886	46,883	34,272	24,104	16,895
FOREIGN "DOMESTIC BASIS"[5]								
Paid in foreign countries:								
Number (1,000)	667	655	601	938	1,034	752	548	576
Amount (1,000 dollars)	10,184	9,110	9,568	16,920	20,921	12,224	7,541	7,792
Paid in the United States:								
Number (1,000)	1,566	1,936	1,246	1,498	1,751	934	678	771
Amount (1,000 dollars)	17,766	18,386	17,916	15,118	17,935	8,454	6,101	6,805

[1] Domestic money orders first issued Nov. 1, 1864, under act of Congress approved May 17, 1864.
[2] Minus sign indicates excess of payments.
[3] Includes foreign countries on "domestic basis."
[4] International money orders first issued Sept. 1, 1869, under Postal Convention of Oct. 12, 1867.
[5] Included under "International" above.

Source of tables 365 and 366: Annual Reports of the Postmaster General.

No. 367.—EXPENDITURES, UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

NOTE.—*All figures in thousands of dollars.* For total expenditures see table 364. Data cover expenditures during the specified fiscal year, whether on account of that year or of previous years

Item	1910	1915	1920	1925	1930	1932	1933	1934
Service in post offices (total)	107,771	139,937	234,102	338,046	429,571	418,926	357,949	321,120
Salaries of postmasters	27,514	30,400	40,108	47,562	52,850	50,629	44,350	39,621
Salaries of clerks, etc.	38,045	53,317	102,319	153,336	201,972	198,585	168,855	151,622
City delivery service	31,805	42,068	63,626	95,161	127,890	127,200	108,838	98,266
All other expenditures	10,405	13,552	28,049	41,987	46,860	42,422	35,909	31,611
Railway Mail Service	19,389	28,408	38,711	52,008	61,388	52,932	52,097	47,452
Rural Delivery Service	37,074	49,806	75,794	93,163	106,347	106,343	93,802	81,674
Transportation of domestic mail	61,940	76,914	99,520	142,141	176,984	168,181	156,386	140,159
By railroads	49,405	59,576	70,714	99,720	117,265	103,813	95,435	92,518
By other means	12,535	17,338	28,805	42,421	59,720	64,368	60,951	47,641
Transportation foreign mail	3,204	3,278	5,912	9,175	24,449	32,956	35,650	35,966
Payment account of invalid money orders	600	208	284	138	131	140	201	252
Post Office Department [1]	----------	----------	----------	3,712	4,298	4,207	3,802	3,109

[1] Paid out of the General Treasury prior to 1923.

No. 368.—TRANSPORTATION OF DOMESTIC MAILS

NOTE.—Amounts, except as indicated, in thousands of dollars. Since Nov. 1, 1916, all service on steam railroads is authorized and paid for under the space basis system; formerly, payments were based on a system of quadrennial weighings. 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, over 20 classes of units being distinguished. The "equated unit" represents a calculation of the equivalent of all the different units in terms of a 60-foot car. Annual rate of expenditure (regular authorizations) represents estimated cost for transporting normal mail traffic over regular routes only, based on contracts outstanding at the end of each fiscal year. "Annual cost" includes emergency and side and transfer service. Average rates are based on "regular authorizations"

Class of service and item	Year ended June 30, or as of June 30 of year specified						
	1910	1915	1920	1925	1930	1933	1934
Steam railway service:							
Length of routes (miles)	220,730	233,676	232,358	230,470	220,416	205,892	201,260
Annual travel (thousand miles)—							
Regular space units	[1]426,923	[1]499,011	561,827	579,256	564,801	455,677	453,347
Prorated to 60-foot car basis	----------	----------	218,349	226,395	228,478	198,513	190,929
Annual expenditure—							
Regular authorizations	49,302	58,140	83,731	88,991	103,970	88,956	86,303
Annual cost	----------	----------	89,661	107,491	125,243	104,691	100,896
Average rate of cost—							
Per mile of length (dollars)	223.36	248.84	360.35	386.12	471.70	432.05	428.81
Per unit mile traveled (cents)	[1]11.55	[1]11.65	14.90	15.36	18.41	19.52	19.02
Per 60-foot car mile (cents)	----------	----------	38.34	39.31	45.70	45.13	45.50
Railway mail service—							
Number of employees	16,795	19,599	20,407	20,693	21,185	20,154	19,285
Expenditure for salary	19,047	21,205	35,044	48,913	56,577	48,560	44,319
Electric railway service:							
Number of routes	530	569	543	288	224	168	153
Length of routes (miles)	7,198	8,183	8,043	8,042	7,012	5,379	4,824
Annual travel of space units (thousand miles)	[1]11,630	[1]13,948	[1]11,752	10,487	9,829	7,241	6,387
Annual rate of expenditure	674	819	471	566	571	416	364
Average cost per unit mile traveled (cents)	[1]5.79	[1]5.87	[1]4.01	5.39	5.81	5.74	5.70
Power boat service:							
Number of routes	217	260	206	284	265	239	219
Length of routes (miles)	27,256	32,402	34,642	49,791	40,130	38,210	38,977
Annual travel (thousand miles)	4,826	5,685	3,992	5,298	4,806	3,936	3,864
Annual rate of expenditure	705	990	[2]773	1,492	1,401	1,252	1,220
Average cost per mile traveled (cents)	14.61	17.42	19.36	28.16	29.15	31.80	31.58
Air mail service:							
Length of routes (miles)	----------	[3]218	3,094	2,666	14,907	27,679	[4]28,820
Mileage scheduled (thousands)	----------	[3]18	654	2,160	16,228	38,114	31,224
Miles traveled with mail (thousands)	----------	[3]16	549	2,077	14,039	35,910	29,111
Mail carried [5] (thousand pounds)	----------	[3]18	527	233	7,720	6,742	6,477
Cost of service	----------	[3]14	1,264	2,744	14,618	19,400	[6]12,130

[1] *Annual travel in thousands of miles* and average cost per mile traveled. Space basis was not in force.
[2] Exclusive of freight and express service to Alaska or New York Harbor service.
[3] 1918 data.
[4] Advertised mileage, new system.
[5] Beginning 1925, only specially paid air mail was carried.
[6] Subject to revision.

Source of tables 367 and 368: Annual Reports of the Postmaster General.

No. 369.—CITY AND RURAL FREE DELIVERY AND STAR-ROUTE SERVICE

NOTE.—Free city delivery was inaugurated in 1863; rural free delivery in 1897. Star routes are mail routes between towns which are let on a contract basis. Star route service in Alaska is not included in the accompanying table, data for 1934 being as follows: Number of routes, 63; length, 10,216 miles; annual travel, 221,691 miles; annual rate of expenditure, $134,060

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	9,060	[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	13,426	6,928
1915	1,808	32,902	30,829	43,866	1,067,674	325,305	52,566	11,557	8,713
1917	1,948	34,592	42,009	43,464	1,112,556	336,303	52,420	11,208	8,383
1918	1,992	34,593	42,790	43,453	1,127,110	344,100	52,196	10,958	8,606
1919	2,018	35,024	50,118	43,210	1,143,457	346,066	65,448	10,773	10,055
1920	2,086	36,142	62,841	43,445	1,151,832	348,627	75,562	10,739	11,106
1921	2,161	38,532	72,309	43,752	1,163,896	352,533	83,034	10,664	12,390
1922	2,229	39,485	75,226	44,186	1,180,448	357,254	84,430	10,715	12,641
1923	2,277	40,134	77,945	44,439	1,190,534	360,256	86,172	10,802	12,610
1924	2,325	43,829	82,904	44,760	1,205,714	363,670	86,765	10,802	12,735
1925	2,401	46,251	93,567	45,180	1,227,654	370,273	102,945	10,906	12,774
1926	2,522	48,238	105,370	45,315	1,249,978	377,046	104,117	10,991	12,955
1927	2,812	50,117	113,301	44,730	1,270,746	383,851	104,447	11,215	12,996
1928	2,899	51,293	117,490	44,288	1,289,613	390,054	105,008	11,472	13,541
1929	2,970	52,719	122,515	43,840	1,310,420	398,444	106,202	11,695	13,969
1930	3,050	53,762	126,426	43,278	1,334,842	404,738	106,378	11,788	14,281
1931	3,098	53,387	126,179	42,412	1,354,759	412,382	106,502	12,089	14,532
1932	3,111	52,767	125,700	41,602	1,358,030	412,084	105,824	12,443	14,765
1933	3,111	51,229	107,410	40,013	1,365,712	414,417	103,693	12,596	14,301
1934	3,111	48,275	96,947	37,108	1,359,895	412,721	92,285	12,237	12,942

[1] Data represent audited expenditures; in 1880 and 1890 they include some incidental expense.

No. 370.—POSTAL SERVICE: VOLUME OF CERTAIN ITEMS OF BUSINESS, YEARS ENDED JUNE 30

NOTE.—For sales of postage stamps and other stamped paper and postage collected on second-class matter see table 365

	1910	1915	1920	1925	1930	1933	1934
Transactions in stamped paper:							
Ordinary postage stamps issued (millions)	9,067	11,226	13,213	17,387	16,269	11,917	12,526
Stamped envelopes and wrappers issued (millions)	1,507	1,794	2,350	2,997	3,164	1,645	1,581
Postal cards issued (millions)	726	976	986	1,497	1,643	1,390	1,590
Pieces of mail carried [1] (millions)	14,850			25,835	27,888	19,868	20,626
Second-class matter carried:							
Free in county (1,000 pounds)	55,639	62,142	61,528	69,195	75,326	53,822	54,523
Paid at pound rates (1,000 pounds)	817,773	1,047,144	1,307,227	1,348,297	1,554,415	914,832	988,153
Foreign mails dispatched by sea:							
Letters, post cards (1,000 pounds)	[2] 3,142	3,401	4,608	5,040	7,103	4,562	4,432
Other articles (1,000 pounds)	[2] 17,832	22,848	66,725	66,229	83,377	49,702	47,936
Mail registered:							
Domestic, paid (1,000 pieces)	33,682	27,688	56,951	70,512	76,489	43,740	41,433
International, paid (1,000 pieces)	4,782	4,325	11,300	10,993	7,869	4,237	4,007
Official, free (1,000 pieces)	3,680	5,297	8,663	8,414	8,680	9,220	9,934
Registry fees (1,000 dollars)	3,594	3,201	6,825	8,850	12,807	[3] 7,601	[3] 7,186
Mail insured:							
Domestic, parcel post (1,000 pieces)		18,012	95,385	152,078	126,421	69,362	67,561
International (1,000 pieces)				603	649	357	298
Total fees paid (1,000 dollars)		941	5,416	8,061	8,775	5,062	4,969
Mail sent C. O. D.:							
Total pieces sent (1,000)		4,721	20,098	52,362	46,249	28,451	30,650
Total fees (1,000 dollars)		472	2,070	5,562	5,825	3,848	4,222

[1] See note 4, table 364.
[2] Excluding mails carried by domestic contract steamers, or steamers subsidized by foreign countries.
[3] Not including surcharges (effective July 1, 1932) amounting to $2,824,000 in 1933 and $2,860,000 in 1934.

Source of tables 369 and 370: Annual Reports of the Postmaster General.

No. 371.—POSTAL SERVICE: By States and Outlying Areas

Division and State	Number of post offices, June 30, 1934	Mileage of rural free-delivery routes, June 30, 1934	Gross postal receipts [1]					
			1920	1925	1930	1932	1933	1934
			In thousands of dollars for years ended June 30					
Grand total	46,508	1,359,895	424,525	554,755	686,351	587,016	563,356	558,327
United States proper	46,112	1,359,840	423,463	553,427	684,610	585,274	561,548	556,096
New England	2,526	42,780	32,276	43,498	51,375	44,895	46,362	44,868
Maine	775	12,084	2,866	3,946	3,912	3,490	3,532	3,534
New Hampshire	363	6,196	1,504	2,035	2,286	2,066	2,144	2,157
Vermont	369	8,163	1,220	1,540	1,703	1,571	1,586	1,613
Massachusetts	621	8,066	18,913	25,064	29,627	25,543	26,527	25,247
Rhode Island	85	1,254	2,029	2,702	3,297	2,912	3,047	2,929
Connecticut	313	7,027	5,744	8,211	10,550	9,313	9,526	9,383
Middle Atlantic	5,431	113,723	117,897	161,532	194,927	163,814	163,728	157,983
New York	2,099	48,680	74,772	102,514	125,072	104,267	103,765	99,239
New Jersey	641	8,624	9,512	14,655	19,768	17,612	18,395	17,723
Pennsylvania	2,691	56,413	33,613	44,363	50,087	41,735	41,568	41,021
East North Central	8,073	302,360	107,343	151,924	175,748	136,394	131,549	133,396
Ohio	1,458	66,033	24,800	35,417	42,088	33,003	31,446	31,649
Indiana	976	58,619	9,226	13,774	15,613	12,775	12,491	12,569
Illinois	1,545	72,089	51,357	70,753	78,757	59,852	56,992	58,015
Michigan	1,099	62,840	13,199	18,978	24,133	19,061	18,196	18,778
Wisconsin	995	49,879	8,761	13,002	15,157	12,743	12,454	12,384
West North Central	7,025	329,833	53,971	73,365	80,641	65,407	63,938	63,486
Minnesota	1,148	53,698	10,847	15,836	17,614	14,481	14,254	14,212
Iowa	1,191	63,823	9,392	11,720	13,504	10,828	10,204	10,320
Missouri	1,655	60,491	18,624	27,230	28,988	22,781	22,408	21,789
North Dakota	658	29,332	2,062	2,360	2,721	2,330	2,351	2,475
South Dakota	613	25,063	2,066	2,539	2,750	2,233	2,214	2,253
Nebraska	773	37,231	5,504	6,663	7,279	6,206	6,049	5,984
Kansas	987	60,195	5,476	7,017	7,785	6,548	6,458	6,453
South Atlantic	3,033	189,325	34,415	46,072	53,293	44,818	46,471	46,836
Delaware	78	3,040	811	999	1,233	1,092	1,202	1,153
Maryland	331	11,406	5,292	7,101	8,519	7,169	7,400	7,204
District of Columbia	1	203	3,536	4,771	6,047	5,577	6,249	5,932
Virginia	2,006	29,420	5,621	7,236	7,985	7,058	7,276	7,211
West Virginia	1,733	11,423	3,154	4,395	4,611	3,804	3,878	3,990
North Carolina	1,303	40,982	4,138	5,814	6,830	6,005	6,252	6,670
South Carolina	552	25,724	2,289	2,530	2,174	1,736	1,763	1,862
Georgia	981	53,716	3,395	7,734	9,220	7,374	7,405	7,812
Florida	753	13,402	3,179	5,492	5,674	4,953	5,046	5,293
East South Central	5,214	142,454	15,548	20,576	23,738	18,825	18,842	19,601
Kentucky	2,492	26,027	4,302	6,283	6,827	5,089	5,720	5,706
Tennessee	931	44,482	5,289	7,107	8,546	6,732	6,879	7,056
Alabama	993	37,749	3,418	4,385	5,108	3,944	3,799	4,127
Mississippi	798	34,196	2,447	2,801	3,255	2,460	2,444	2,652
West South Central	5,162	158,882	24,678	30,648	37,240	29,934	30,232	31,106
Arkansas	1,202	25,307	2,928	3,585	3,828	2,905	2,849	3,017
Louisiana	833	14,357	4,015	5,055	5,486	4,611	4,580	4,710
Oklahoma	977	43,287	4,730	5,889	7,272	5,524	5,647	5,835
Texas	2,150	74,031	13,005	16,117	20,654	16,954	17,156	17,544
Mountain	3,558	36,319	12,178	15,004	17,276	14,453	14,409	14,479
Montana	750	6,680	2,016	2,180	2,446	2,036	2,125	2,101
Idaho	471	6,768	1,397	1,324	1,513	1,284	1,239	1,341
Wyoming	364	1,210	712	953	993	860	884	884
Colorado	633	15,271	4,398	5,878	6,819	5,655	5,539	5,433
New Mexico	522	2,820	679	900	1,089	983	1,005	1,037
Arizona	277	1,543	943	1,137	1,532	1,276	1,298	1,295
Utah	334	1,867	1,647	2,179	2,347	1,836	1,832	1,812
Nevada	157	160	386	453	537	517	487	486
Pacific	3,085	46,064	25,158	40,812	51,378	44,873	46,019	44,344
Washington	818	15,087	5,036	7,494	8,719	7,262	7,213	7,344
Oregon	733	10,108	3,324	4,809	5,436	4,561	4,584	4,570
California	1,528	20,869	16,198	28,509	37,223	33,050	34,222	32,430
Outlying offices	[2] 394	55	[3] 1,062	1,328	1,740	1,741	1,808	2,232
Alaska	191		82	71	104	90	94	90
Guam	1		1	2	3	2	2	2
Hawaii	98	55	352	611	774	770	838	775
Puerto Rico	96		406	522	527	520	558	539
Samoa (Tutuila)	2		2	2	(4)	(4)	(4)	(4)
Virgin Islands	5		17	11	15	13	13	14
Philatelic agency				109	317	337	303	812

[1] Revenues from money-order business, postal savings, and certain miscellaneous items not included.
[2] *Includes 1 post office in Little America.*
[3] Includes receipts from agencies in China, France, and Siberia.
[4] Less than $500.

Source: Annual Reports of the Postmaster General.

17.—TELEPHONE, TELEGRAPH, AND CABLE SYSTEMS

[Data cover public telephone systems and land (wire) and wireless commercial telegraph systems operated in continental United States and commercial cable systems operated by companies incorporated in United States]

No. 372.—TELEPHONE SYSTEMS: EQUIPMENT, TRAFFIC, EMPLOYEES, SALARIES AND WAGES, REVENUE, AND INVESTMENT

NOTE.—The more detailed data were collected only for companies reporting an annual income of $5,000 or more previous to 1922 and $10,000 or more in 1922, 1927, and 1932

[All money figures in thousands of dollars]

	1907	1912	1917	1922	1927	1932
ALL SYSTEMS						
Number of systems and lines	22,971	32,233	53,234	57,253	60,148	44,828
Miles of wire (thousands)	12,999	20,248	28,827	37,266	63,836	87,678
Number of telephones (thousands)	6,119	8,730	11,717	14,347	18,523	17,424
Number of calls originating with systems reporting (millions)	(1)	(1)	21,846	24,048	31,614	30,048
Number of employees	(1)	(1)	262,629	312,015	375,272	334,085
Salaries and wages	(1)	(1)	175,670	352,926	486,597	458,127
Revenue, operating [2]	(1)	(1)	382,830	665,568	1,023,574	1,061,530
Investment in plant and equipment	(1)	(1)	1,492,329	2,205,183	3,548,875	4,791,903
SYSTEMS REPORTING ANNUAL INCOME OF $5,000 OR MORE, 1907–1917, AND THOSE REPORTING $10,000 OR MORE, 1922–1932						
Number of systems and lines	1,636	1,916	2,200	1,323	1,368	918
Miles of wire, total (thousands)	11,922	19,019	27,298	35,503	62,277	86,484
Underground	(3)	9,165	14,849	21,440	39,393	55,236
Overhead	(3)	9,854	12,449	14,063	22,884	31,248
Exchange lines	(3)	16,336	23,723	30,907	54,281	(4)
Toll lines	(3)	2,683	3,575	4,596	7,996	(4)
Number of telephones (thousands)	4,907	7,327	9,954	12,295	16,713	16,284
Number of central offices	10,613	11,515	12,294	10,666	11,485	12,724
Number of private-branch exchanges	28,276	52,651	80,914	102,622	(4)	(4)
Number of calls originating with systems reporting (millions)	10,400	13,736	19,809	21,901	29,196	29,100
Local exchange	10,161	13,395	19,366	21,235	28,109	(4)
Long distance or toll	240	341	443	666	1,087	(4)
Number of employees	131,670	183,361	244,490	290,333	356,739	320,763
Salaries and wages	65,009	96,041	169,655	341,538	475,840	451,478
Operators (included above):						
Number	72,518	96,332	138,071	159,558	(4)	(4)
Male	2,457	1,972	1,679	932	(4)	(4)
Female	70,061	94,360	137,292	158,626	(4)	(4)
Wages	22,537	32,474	66,137	138,897	(4)	(4)
BELL SYSTEM (INCLUDED ABOVE)						
Miles of wire (thousands)	8,947	15,133	23,134	30,614	56,819	80,586
Number of telephones (thousands)	3,132	5,087	7,327	9,515	13,726	13,796
Number of originating calls (millions)	6,401	9,133	14,598	16,507	23,693	25,061
SYSTEMS REPORTING ANNUAL INCOME OF LESS THAN $5,000, 1907–1917, AND LESS THAN $10,000, 1922–1932						
Miles of wire (thousands)	1,077	1,229	1,529	1,763	1,559	1,193
Number of telephones (thousands)	1,212	1,403	1,763	2,052	1,810	1,140
Number of originating calls (millions)	(3)	(3)	2,037	2,746	2,418	948

[1] Not reported except for the larger systems and lines.
[2] Including assessments of mutual companies.
[3] Comparable data not available.
[4] Not called for on schedule.

Source: Bureau of the Census, Department of Commerce.

No. 373.—TELEPHONE SYSTEMS: MILES OF WIRE, NUMBER OF TELEPHONES, AND NUMBER OF ORIGINATING CALLS, ALL SYSTEMS AND LINES, BY STATES

Division and State	Miles of wire		Number of telephones				Telephones per 1,000 population,	Number of originating calls (millions)	
	1927	1932	1912	1922	1927	1932	1932	1927	1932
United States	63,836,182	37,677,586	8,729,592	14,347,395	18,522,767	17,424,406	139	31,614	30,048
New England	5,586,569	7,632,588	625,488	1,223,497	1,548,931	1,513,939	183	2,328	2,458
Maine	*326,120*	*517,144*	*68,914*	*113,725*	*131,367*	*124,372*	*155*	*214*	*205*
New Hampshire	211,448	288,990	40,017	68,874	83,006	79,506	170	117	127
Vermont	105,645	149,129	40,142	54,530	60,793	58,133	161	84	86
Massachusetts	3,165,833	4,099,247	328,992	687,700	867,888	832,740	193	1,334	1,368
Rhode Island	429,451	595,303	41,664	92,766	114,944	110,671	158	117	176
Connecticut	1,348,072	2,032,775	104,759	205,902	290,873	308,517	188	462	496
Middle Atlantic	19,992,659	27,399,025	1,782,145	3,249,710	4,588,211	4,613,733	172	*6,908*	*6,905*
New York	11,592,418	15,385,557	970,449	1,780,563	2,595,537	2,628,537	204	3,935	4,000
New Jersey	3,012,459	4,382,769	185,632	383,496	599,336	642,830	154	774	838
Pennsylvania	5,387,812	7,630,699	626,064	1,085,651	1,393,338	1,342,366	138	2,199	2,067
East North Central	15,223,410	21,574,370	2,378,257	3,693,101	4,589,751	4,034,931	156	7,538	6,504
Ohio	*3,658,505*	*5,545,857*	631,206	962,337	1,122,036	978,394	144	1,958	1,712
Indiana	1,558,005	2,223,608	354,550	508,726	552,249	444,996	136	*1,061*	*863*
Illinois	5,688,146	7,599,337	807,253	1,283,449	1,685,690	1,507,222	193	2,571	2,206
Michigan	2,907,217	4,263,778	335,074	508,140	711,315	621,958	124	1,140	982
Wisconsin	1,351,537	1,941,790	250,174	429,949	518,461	482,361	102	808	741
West North Central	6,044,901	7,041,354	1,021,523	2,315,996	2,594,081	2,260,985	169	4,577	3,960
Minnesota	*1,422,716*	*1,610,192*	272,359	424,777	487,611	443,682	171	931	849
Iowa	960,226	1,310,798	380,294	533,347	565,533	484,879	196	916	775
Missouri	1,988,764	2,620,741	404,160	550,980	657,946	592,163	162	1,269	1,157
North Dakota	140,923	161,225	51,241	77,586	86,198	69,241	101	129	143
South Dakota	154,601	177,521	65,858	101,555	107,641	88,798	127	171	119
Nebraska	606,425	736,632	201,689	273,500	295,274	247,551	178	524	367
Kansas	771,246	1,024,245	245,932	354,251	393,878	334,681	176	637	550
South Atlantic	4,244,352	5,760,130	531,402	937,824	1,262,222	1,250,882	78	2,426	2,430
Delaware	118,539	210,300	15,842	23,534	28,901	32,537	135	53	58
Maryland	936,353	1,076,460	84,801	153,790	197,135	212,014	128	294	317
District of Columbia	540,152	675,044	46,603	102,231	144,985	180,785	366	186	235
Virginia	615,286	876,581	76,652	155,490	183,698	196,956	81	382	420
West Virginia	349,899	445,781	80,251	116,081	146,677	134,150	76	279	243
North Carolina	392,455	706,829	65,152	116,129	160,507	143,710	44	379	321
South Carolina	171,678	290,599	33,239	54,078	64,616	57,215	33	146	148
Georgia	538,751	772,176	96,436	136,334	173,410	151,264	52	437	415
Florida	581,739	706,360	32,426	79,657	162,293	142,251	92	270	273
East South Central	2,001,125	2,587,978	337,292	521,120	644,270	547,440	55	1,537	1,401
Kentucky	722,120	863,293	130,751	201,545	222,735	191,236	72	485	407
Tennessee	642,996	850,951	104,353	171,413	220,559	192,983	73	559	539
Alabama	421,927	580,087	56,292	84,401	121,115	100,813	37	313	282
Mississippi	214,982	293,647	45,896	63,761	79,861	62,408	31	180	173
West South Central	3,619,976	5,023,077	543,102	872,157	1,149,357	1,002,389	81	2,849	2,591
Arkansas	318,868	366,944	68,303	99,490	118,178	86,676	46	239	193
Louisiana	560,262	694,367	46,602	87,354	137,610	132,735	62	385	392
Oklahoma	655,102	1,173,051	116,217	222,889	278,912	241,463	99	581	571
Texas	2,085,744	2,793,715	311,980	462,424	614,657	541,525	90	1,444	1,435
Mountain	1,198,550	1,640,855	228,852	385,730	458,198	446,492	119	*780*	*802*
Montana	135,530	181,485	35,537	55,115	59,238	55,361	103	81	96
Idaho	111,940	134,096	20,454	48,745	54,822	49,201	110	128	93
Wyoming	60,622	85,233	9,946	24,949	28,049	28,346	123	39	49
Colorado	559,873	717,589	90,397	150,652	183,250	179,063	171	313	300
New Mexico	48,765	84,722	10,346	18,342	21,580	23,100	53	35	43
Arizona	89,305	158,261	11,224	24,353	33,194	36,064	80	37	68
Utah	*167,393*	*231,113*	*34,064*	*53,261*	*63,106*	*60,082*	*116*	*127*	*130*
Nevada	25,116	48,356	5,684	10,313	12,959	15,275	164	20	23
Pacific	*5,924,110*	*8,363,209*	*683,731*	*1,148,780*	*1,589,746*	*1,753,815*	*205*	2,371	2,997
Washington	739,138	1,029,949	150,016	238,275	299,109	276,530	174	554	560
Oregon	490,820	599,201	99,713	146,847	185,171	166,639	170	331	307
California	4,694,152	6,734,059	434,002	763,658	1,105,466	1,310,446	219	1,986	2,130

Source: Bureau of the Census, Department of Commerce.

No. 374.—TELEPHONE SYSTEMS: TOTAL NUMBER OF TELEPHONES, ALL SYSTEMS, AND NUMBER OF TELEPHONES AND MILES OF WIRE IN THE BELL SYSTEM

Dec. 31—	Total telephones [1]	Bell System		Dec. 31—	Total telephones [1]	Bell System	
		Telephones [2]	Miles of wires			Telephones [2]	Miles of wire
1895	339,500	309,502	675,415	1924	16,072,500	15,906,550	39,893,619
1900	1,355,900	855,911	1,961,801	1925	16,935,900	16,720,224	45,473,540
1905	4,126,900	2,530,924	5,779,918	1926	17,746,000	17,574,252	50,861,150
1910	7,635,400	5,882,719	11,642,212	1927	[3] 18,522,767	18,365,486	56,822,895
1915	10,523,500	9,172,495	18,505,545	1928	19,341,000	19,197,035	62,192,744
1918	12,077,600	11,065,999	23,346,132	1929	20,068,000	19,958,000	69,519,425
1919	12,668,500	11,795,747	24,162,999	1930	20,201,000	20,098,059	76,248,265
1920	13,329,400	12,601,935	25,377,404	1931	19,690,000	19,596,000	79,239,000
1921	13,875,200	13,380,219	27,819,821	1932	[3] 17,424,406	17,341,000	80,491,000
1922	[3] 14,347,395	14,050,565	30,616,522	1933	16,711,000	16,635,000	80,281,000
1923	15,369,500	15,000,101	34,523,842	1934	[4] 16,889,000	[4] 16,815,000	80,118,000

[1] Partly estimated, except as indicated.
[2] Bell-owned and Bell-connecting (owned by other companies).
[3] From Bureau of the Census.
[4] Excludes 80,000 Bell private-line telephones. Prior to 1934 private-line telephones were included.

No. 375.—AMERICAN TELEPHONE & TELEGRAPH CO. AND ASSOCIATED OPERATING COMPANIES (BELL TELEPHONE SYSTEM): SUMMARY OF STATISTICS

	1910	1915	1920	1925	1930	1933	1934
	Operating statistics and employees as of Dec. 31 (in thousands, except as indicated)						
Exchange messages, daily average	21,681	25,184	31,835	46,702	62,365	55,199	56,648
Toll messages, daily average	603	819	1,327	2,028	2,933	2,047	2,142
Central offices (number)	4,933	5,300	5,702	6,017	6,585	6,763	6,769
Miles of wire, total	11,642	18,506	25,377	45,474	76,248	80,281	80,118
Aerial wire	5,625	7,932	9,630	14,991	26,023	27,480	27,555
Underground wire	6,017	10,573	15,748	30,483	50,225	52,801	52,563
Exchange wire	9,678	16,052	21,604	39,841	62,867	65,028	64,946
Toll wire	1,964	2,453	3,773	5,633	13,381	15,253	15,172
Telephones, total	5,883	9,172	12,602	16,720	20,098	16,635	16,815
Bell-owned [1]	3,933	5,968	8,334	12,035	15,682	13,163	[1] 13,378
Bell-connecting (owned by other companies)	1,950	3,204	4,268	4,685	4,416	3,472	3,437
Employees (number)	120,311	156,294	231,316	293,095	324,343	248,497	248,957
	Telephone plant, capital stock, and funded debt Dec. 31 (in thousands of dollars) [2]						
Telephone plant	611,000	880,069	1,363,826	2,524,906	4,043,422	[3] 4,240,673	[3] 4,248,186
Capital stock [4]	344,645	440,711	511,403	1,144,619	2,155,053	2,109,718	2,106,187
Funded debt	224,792	353,236	585,794	890,337	1,115,592	1,037,625	1,038,825

[1] Includes private-line telephones prior to 1934; in 1934 excludes 80,000 private-line telephones
[2] All duplications between companies excluded.
[3] Includes organization and franchise costs ($2,026,000 in 1933 and $1,993,000 in 1934).
[4] Includes capital stock installments.

Source of tables 374 and 375: American Telephone & Telegraph Co.

No. 376.—TELEPHONE SYSTEMS: REPORTS TO THE INTERSTATE COMMERCE COMMISSION AND TO THE FEDERAL COMMUNICATIONS COMMISSION

NOTE.—Companies engaged *in interstate* business are required to report both as regards interstate and intrastate business. Prior to 1923 the classification of companies based on the amount of annual operating revenues was as follows: Class A, over $250,000; class B, $50,000 to $250,000; class C, $10,000 to $50,000. Effective Jan. 1, 1923, the classification was amended as follows: Class A, over $250,000; class B, $100,000 to $250,000; class C, $50,000 to $100,000; class D, $50,000 or less. A *further change* was made effective Jan. 1, 1933, as follows: Class A, over $100,000; class B, $50,000 to $100,000; class C, $50,000 or less. The companies below $50,000 are not covered in the table

Year ended Dec. 31—	Miles of wire (thousands)	Number of company telephones (thousands)	Operating revenues [1]	Operating expenses [1]	Taxes	Net operating income [1]	Investment	
							Plant and equipment [1]	All other [1]
			Thousands of dollars					
All companies:								
1916	23,699	8,963	314,801	209,233	17,123	[2]	1,217,756	[2]
1920	29,640		530,349	[2]	[2]	88,024	1,704,304	1,122,289
1925	49,773	13,875	818,218	556,993	63,632	193,599	2,790,056	1,633,124
1929	75,729	17,697	1,172,803	791,612	90,050	294,968	4,070,131	2,337,207
1930	82,783	17,904	1,209,665	831,500	92,855	277,135	4,445,139	2,058,091
1931	86,670	17,573	1,179,660	795,376	97,244	279,188	4,619,076	2,330,718
1932	88,303	15,681	1,049,757	715,675	92,837	228,865	4,660,663	2,783,658
1933	84,702	14,948	967,833	690,533	90,906	186,304	4,649,937	2,721,877
1934 [3]	84,095	15,074	972,660	684,719	94,072	192,862	4,618,688	2,671,582
Class A companies:								
1925	48,487	13,037	792,428	539,072	61,699	186,777	2,674,926	1,631,335
1930	81,517	17,128	1,183,503	813,734	90,956	269,717	4,312,385	2,052,428
1933	84,372	14,769	962,348	686,312	90,457	185,495	4,620,717	2,699,415
1934 [3]	83,842	14,937	968,484	681,480	94,618	192,279	4,596,037	2,649,177
Class B companies: 1933	330	179	5,485	4,221	439	809	29,221	22,462
Class B companies: 1934 [3]	253	137	4,185	3,239	355	583	22,050	22,406

[1] *Owing to revisions* in the accounting classifications, data beginning with 1933 are not comparable with those for earlier years.
[2] Data not available. [3] Returns incomplete; data, however, represent great bulk of business.

Sources: Interstate Commerce Commission, 1916 to 1933; Federal Communications Commission thereafter.

No. 377.—WIRELESS TELEGRAPH SYSTEMS: SUMMARY OF STATISTICS

NOTE.—1917 omitted owing to war conditions; 1932 data not available

	1907	1912	1922	1927
Number of companies or systems	5	4	4	5
Number of messages	164,617	[1] 285,091	2,365,109	3,777,538
Number of tower stations	117	74	37	55
Income, total	$100,791	$669,158	[2] $8,111,102	[2] $24,829,340
Expenses, total	$160,329	$664,420	$5,111,674	$12,866,636
General operation and maintenance	$117,480	$588,712	$3,534,474	$5,116,264
Interest and taxes	$5,562	$7,826	$156,457	$240,435
All other expenses	$37,287	$67,882	$1,420,643	$7,500,937
Net income		$4,738	$2,999,528	$11,962,704
Deficit	$53,538			
Assets, total	$32,958,397	$10,377,197	$46,494,909	$81,147,512
Plant and equipment	$317,614	$1,205,770	$34,716,814	$35,751,904
Investment and marketable securities, long-term advances, and miscl. investments			$1,225,169	$17,711,483
Cash and current assets	$32,196,456	$9,171,427	[3] $4,427,830	$19,312,823
Materials and supplies			$5,883,877	$6,831,530
Sundries			$241,219	$1,387,342
Deficit	$444,827			$152,430
Liabilities, total	$32,958,397	$10,377,197	$46,494,909	$81,147,512
Capital stock	$32,676,242	$9,602,570	$36,034,809	$38,174,134
Funded and long-term debt			$525,000	
Floating debt	$282,655	$287,866	$659,280	$320,961
Accounts payable			$3,254,556	$11,436,628
Reserves (depreciation and other)			$4,040,280	$17,206,630
Sundries		$313,777	$1,172,599	$5,746,973
Surplus		$172,984	$308,885	$8,262,186
Number of employees	176	958	1,258	1,985
Salaries and wages	$81,771	$303,606	$2,095,506	$2,558,179

[1] Includes 5,013 land *messages sent over a leased wire* by a wireless company doing a land-telegraph business also.
[2] Includes revenues from transmission for 1922, $4,207,785; for 1927, $6,226,188; other operating revenues, 1922, $3,644,201; 1927, $14,791,565; nonoperating income, 1922, $259,116; 1927, $3,811,587.
[3] Includes sinking funds and stock and bond discounts.

Source: Bureau of the Census, Department of Commerce.

No. 378.—TELEGRAPH AND CABLE SYSTEMS: REPORTS TO THE INTERSTATE COMMERCE COMMISSION AND TO THE FEDERAL COMMUNICATIONS COMMISSION

[All money figures in thousands of dollars]

Year ended Dec. 31—	Miles of wire (thousands)	Investments		Operating revenues	Operating ratio (per cent)	Operating income	Net income	Dividends
		Plant and equipment	Other					
All companies:								
1916	1,936	149,036	[1]	74,847	73.77	[1]	13,955	6,066
1920	1,781	258,097	21,275	153,264	[1]	21,512	16,158	11,471
1921	1,858	270,976	20,549	136,663	[1]	18,667	13,311	9,078
1922	1,874	279,402	19,907	138,190	[1]	22,894	18,138	13,960
1923	1,894	288,481	27,001	144,610	81.11	21,025	16,656	9,309
1924	1,946	307,143	27,565	146,176	81.94	20,229	15,805	9,386
1925	2,075	321,687	28,191	162,693	81.64	23,204	18,854	9,066
1926	2,050	338,794	27,017	165,831	82.81	21,767	16,806	10,750
1927	2,207	379,514	27,434	170,843	80.58	25,714	21,046	11,618
1928	2,317	396,609	32,190	177,019	81.18	26,335	21,662	11,680
1929	2,365	411,725	54,285	188,574	82.59	26,333	21,611	18,828
1930	2,381	450,223	38,640	169,643	85.19	17,930	10,730	20,073
1931	2,349	463,171	25,498	142,792	87.78	12,662	4,029	9,588
1932	2,337	465,039	22,417	110,302	80.88	6,168	[2] *3,128*	2,491
1933	2,353	466,701	24,637	109,040	85.02	11,124	2,895	816
1934	2,399	501,754	55,057	119,053	86.35	11,024	1,058	1,796
Western Union Co.: 1934	1,903	328,064	19,229	87,230	85.05	9,033	2,243	----
Mackay companies: 1934	387	82,247	943	21,016	96.25	109	[2] *2,531*	----

[1] Data not available. [2] Deficit.

Source: Interstate Commerce Commission, 1916 to 1933; Federal Communications Commission thereafter.

No. 379.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS COMBINED: EQUIPMENT, TRAFFIC, EMPLOYEES, AND FINANCES

	1902	1912	1917	1922	1927	1932
Miles of pole line [1]	237,990	247,528	241,128	252,991	256,809	250,661
Miles of single wire [2]	1,318,360	1,814,196	1,890,245	1,953,250	2,145,897	2,266,054
Aerial	[3]	[3]	1,809,482	1,718,251	1,940,069	1,956,003
Underground	[3]	[3]	77,187	131,448	200,979	303,912
Submarine	[3]	[3]	3,576	3,551	4,849	6,139
Nautical miles of ocean cable	16,677	67,676	71,251	76,711	99,074	96,468
Number of offices	27,377	30,864	28,940	27,354	27,666	26,047
Operated jointly with railway companies	[3]	26,247	23,272	21,906	21,449	18,816
Messages sent (thousands)	91,655	109,378	[4] 127,074	191,121	229,562	158,378
Governmental	[3]	[3]	4,597	3,199	2,732	3,555
Full commercial rate	[3]	[3]	110,618	175,847	214,164	146,162
Contract rate and free	[3]	[3]	11,858	12,075	12,686	8,561
Number of employees	27,627	[4] 44,811	64,723	68,632	81,498	66,723
Salaries and wages ($1,000)	15,040	[4] 24,965	43,764	76,162	99,520	73,949
Revenue, operating ($1,000)	35,301	60,403	106,990	146,805	177,589	114,656
Investment in plant and equipment ($1,000)	161,080	222,047	243,358	326,662	426,699	506,445

[1] Exclusive of pole line owned and operated wholly by railway companies.

[2] Exclusive of wire owned and operated wholly by railway companies, as follows: Reported by all railway companies, 1912, 314,329 miles; reported by railway companies having annual operating revenues of $1,000,000 or more, 1917, 344,110 miles; 1922, 285,002 miles; 1027, 333,898 miles; 1932, 337,059 miles. No data for 1902.

[3] Figures not available.

[4] The number of employees includes 7,516 messengers whose wages are not included in figure for salaries and wages.

Source: Bureau of the Census, Department of Commerce.

No. 380.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS: EQUIPMENT, TRAFFIC, EMPLOYEES, AND FINANCES

	Land systems				Ocean systems			
	1917	1922	1927	1932	1917	1922	1927	1932
Miles of pole line [1]	241,012	252,901	254,720	256,215	116	-------	2,089	446
Miles of single wire [2]	1,888,793	1,845,237	2,138,259	2,259,827	1,452	8,013	7,638	6,227
Aerial	1,808,325	1,714,211	1,930,611	1,952,432	1,157	4,040	3,458	3,571
Underground	76,892	127,475	197,058	301,560	295	3,973	3,921	2,352
Submarine	3,576	3,551	4,590	5,835	-------	-------	259	304
Nautical miles of ocean cable	-------	-------	-------	-------	71,251	76,711	99,074	96,468
Number of offices	28,826	27,214	27,530	25,901	114	140	136	146
Operated jointly with railway companies	23,272	21,906	21,449	18,816	-------	-------	-------	-------
Messages sent, thousands	[3] 120,623	181,519	215,595	147,941	6,451	9,603	13,987	10,437
Governmental	4,309	3,130	2,657	3,538	288	69	75	72
Full commercial rate	106,159	166,730	200,381	135,797	4,459	9,117	13,783	*10,365*
Contract rate and free	10,154	11,659	12,557	8,561	1,704	417	129	-------
Number of employees	60,376	62,299	74,903	60,933	4,347	6,333	6,595	5,790
Salaries and wages ($1,000)	40,512	68,737	89,984	66,988	3,252	7,425	9,536	6,961
Revenue, operating ($1,000)	91,313	128,631	159,682	97,729	15,677	18,174	17,907	16,927
Investment in plant and equipment ($1,000)	[4] 163,488	254,030	338,143	415,694	[5] 79,871	72,632	88,556	90,751

[1] Exclusive of pole line owned and operated wholly by railway companies.
[2] Exclusive of wire owned and operated wholly by railway companies having annual operating revenues of $1,000,000 or more: 1917, 344,110 miles; 1922, 285,002 miles; 1927, 333,898 miles; 1932, 337,059 miles.
[3] In addition, 31,102,577 lettergrams, not distributed according to rate, were reported.
[4] Not including land-line system plant and equipment to the value of $20,000,000 reported as cable-system plant and equipment for 1917.
[5] Includes land-line-system plant and equipment to the value of $20,000,000.

No. 381.—WESTERN UNION TELEGRAPH CO.: MILEAGE OF LINES AND WIRES, NUMBER OF OFFICES, AND FINANCES

Year ended—	Miles of pole line and cable	Miles of wire	Number of offices	Receipts	Expenses	Net income [1]
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
1875	72,833	179,496	6,566	9,564,575	6,335,415	3,229,158
1880	85,645	238,534	9,077	12,782,895	6,948,957	5,833,938
1885	147,500	462,283	14,184	17,706,834	12,005,910	*5,700,924*
1890	183,917	678,997	19,382	22,387,029	15,074,304	7,312,725
1895	189,714	802,651	21,380	22,218,019	16,076,630	6,141,389
1900	192,705	933,153	22,900	24,758,570	*18,593,206*	*6,165,364*
1905	200,224	1,184,557	23,814	29,033,635	21,845,570	7,188,065
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
1917	228,766	1,626,963	25,466	78,480,223	62,783,006	15,697,217
1918	[2] 247,303	1,382,547	25,452	[3] 88,093,247	[3] 76,713,028	[3] 11,380,219
1919	246,560	1,433,978	25,159	[3] 104,082,147	[3] 90,312,033	[3] 13,770,114
1920	246,214	1,449,710	24,881	121,473,685	108,134,041	13,339,644
1921	246,064	1,521,085	24,632	105,228,075	95,542,563	9,685,512
1922	242,729	1,534,009	24,580	107,116,306	93,910,954	*13,205,352*
1923	244,001	1,557,399	24,678	113,628,470	99,982,165	13,646,305
1924	246,742	1,593,963	24,478	115,235,563	101,815,734	13,419,829
1925	246,307	1,635,236	24,428	129,151,617	*112,861,832*	*16,289,785*
1926	249,916	1,668,293	24,688	136,406,026	121,098,832	15,307,194
1927	251,756	1,783,140	24,765	134,160,816	119,328,218	15,132,598
1928	255,088	1,889,632	24,842	139,387,321	123,817,517	15,569,804
1929	256,044	1,934,020	25,061	148,449,854	132,872,815	15,577,039
1930	256,763	1,948,038	24,298	133,235,751	123,987,519	9,248,232
1931	258,652	1,913,485	23,490	110,547,245	104,572,745	5,974,500
1932	258,020	1,899,174	21,950	84,581,963	85,412,568	[4] *830,605*
1933	257,274	1,902,327	21,261	84,993,425	80,628,543	4,364,882
1934	255,781	1,902,799	21,078	88,757,205	86,514,121	2,243,084

[1] Prior to 1919 data represent net income before bond interest.
[2] Figures readjusted.
[3] Corporate and Federal.
[4] *Deficit.*

Sources: table 380, Bureau of the Census, Department of Commerce; table 381, Western Union Telegraph Co.

18.—POWER—ELECTRIC AND OTHER

[Data in this section relate to continental United States]

No. 382.—ANNUAL SUPPLY OF ENERGY FROM MINERAL FUELS AND WATER POWER IN THE UNITED STATES

NOTE.—The figures, except coal equivalent, represent the equivalent of the heating power of the classes of fuel in trillions of British thermal units. Data represent production, except those for oil imports, and take no account of exports, imports, or changes in stocks

Annual average or year	Anthracite	Bituminous	Total coal	Domestic oil	Natural gas	Imported oil	Water power [1]	Grand total fuels and water power	Equivalent in bituminous coal [2]	
									Million tons of 2,000 lbs.	Per capita, tons
1871–1875	637	754	1,391	49	----	----	(1)	1,520	58	1.4
1876–1880	718	955	1,673	101	----	----	(1)	1,857	71	1.5
1881–1885	985	1,803	2,848	153	[3] 24	----	(1)	3,110	119	2.2
1886–1890	1,195	2,474	3,669	198	[3] 264	----	(1)	4,221	161	2.7
1891–1895	1,453	3,286	4,739	307	[3] 166	----	104	5,316	203	3.0
1896–1900	1,513	4,493	6,006	357	[3] 198	----	129	6,690	255	3.5
1901–1905	1,818	7,140	8,958	612	323	----	209	10,102	386	4.8
1906–1910	2,207	9,783	11,990	1,037	470	1	369	13,867	529	5.9
1911–1915	2,427	11,527	13,954	1,486	619	72	591	16,722	638	6.6
1916–1920	2,523	13,981	16,504	2,176	820	297	851	20,648	788	7.6
1921–1925	2,112	12,610	14,722	3,888	1,024	569	1,105	21,308	813	7.3
1926–1930	2,084	13,595	15,679	5,375	1,760	408	1,781	25,002	954	8.0
1929	2,008	14,017	16,025	6,044	2,062	474	1,929	26,534	1,013	8.3
1930	1,887	12,249	14,136	5,388	2,089	373	1,856	23,842	910	7.4
1931	1,622	10,011	11,633	5,106	1,813	284	1,721	20,557	785	6.3
1932	1,356	8,114	9,470	4,711	1,673	268	1,900	18,022	688	5.5
1933	1,348	8,741	10,089	5,434	1,672	191	1,931	19,317	737	5.9
1934 [4]	1,561	9,390	10,951	5,456	1,774	215	1,896	20,292	775	6.1

[1] The fuel equivalent for water power is calculated from the reported horsepower of installed water wheels. Prior to 1890 data were unsatisfactory, but estimates are included in the total.
[2] Calculated at 26,200,000 British thermal units per ton.
[3] Based on the amount of coal displaced by gas, as estimated by the gas companies at the time.
[4] Preliminary.

No. 383.—ELECTRICITY PRODUCED, CONSUMPTION OF FUEL, AND CAPACITY OF GENERATORS IN PUBLIC-UTILITY POWER PLANTS

NOTE.—Data prior to 1919 are totals for central stations and electric railways as reported by Bureau of the Census; thereafter, they are estimated totals for all plants, based on returns from about 3,500 plants in 1919 to about 3,800 in 1934, each producing 10,000 kilowatt-hours or more per month, engaged in public service, including central stations, electric railways, steam railroads generating electricity for traction, and certain other plants. The capacity of plants reporting is about 95 percent of that of all plants

Calendar year	Production of electricity			Consumption of fuel			Consumption—Coal or coal equivalent		Capacity of generators
	Total	Water power	Fuel power	Coal	Fuel oil	Gas	Total	Per kilowatt-hour	
	Million kilowatt-hours	*Million kilowatt-hours*	*Million kilowatt-hours*	*Thousand tons* [1]	*Thousand barrels* [2]	*Million cubic feet*	*Thousand tons* [1]	*Pounds*	*Thousand kilowatts*
1902	4,768	----	----	----	----	----	----	----	[3] 2,112
1912	17,572	----	----	----	----	----	----	----	7,670
1919	38,921	14,606	24,315	35,100	11,050	21,406	38,880	3.2	13,094
1920	43,555	16,150	27,405	37,124	13,123	24,702	41,420	3.0	14,399
1921	40,975	14,970	26,005	31,585	12,045	23,722	35,240	2.7	15,483
1922	47,654	17,207	30,447	34,179	13,197	27,172	38,000	2.5	15,971
1923	55,665	19,343	36,322	38,966	14,684	31,433	43,522	2.4	17,369
1924	59,014	19,969	39,044	37,556	16,630	48,443	43,130	2.2	19,519
1925	65,870	22,356	43,514	40,222	10,246	46,521	44,780	2.1	23,619
1926	73,791	26,189	47,602	41,311	9,399	53,207	45,856	1.95	25,398
1927	80,205	29,875	50,330	41,888	6,782	62,919	45,910	1.84	27,691
1928	87,850	34,696	53,154	41,350	7,158	77,326	46,387	1.76	29,630
1929	97,352	34,629	62,723	44,937	10,124	112,707	52,574	1.69	31,952
1930	95,936	33,021	62,915	42,898	9,260	120,200	50,654	1.62	34,264
1931	91,729	30,603	61,126	38,734	8,123	139,328	47,134	1.55	35,590
1932	83,153	34,098	49,055	30,290	7,967	107,875	36,600	1.50	36,061
1933	85,402	34,727	50,674	30,575	9,940	102,601	37,163	1.47	36,038
1934	91,150	34,058	57,092	33,555	10,379	127,890	41,266	1.45	35,874

[1] Of 2,000 pounds. [2] Of 42 gallons. [3] Partly estimated.

Sources: Table 382, Bureau of Mines, Department of the Interior; table 383, 1902 and 1912, Bureau of the Census, Department of Commerce; thereafter, Geological Survey, Department of the Interior.

No. 384.—PRODUCTION OF ELECTRIC POWER AND CAPACITY OF GENERATORS IN PUBLIC UTILITY POWER PLANTS: BY STATES

[Production in millions of kilowatt-hours; capacity of generators in thousands of kilowatts]

Division and State	Production of electric power										Capacity of generators, December 1934
	Total						Generated by water power		Generated by fuel power		
	1920	1925	1930	1932	1933	1934	1933	1934	1933	1934	
United States	43,555	65,870	95,936	83,153	85,402	91,150	34,727	34,058	50,674	57,092	85,874
New England	3,407	4,824	6,400	5,724	6,067	6,371	2,652	2,776	3,414	3,595	2,907
Maine	352	509	731	770	825	870	810	862	15	8	264
New Hampshire	97	264	367	700	599	631	550	575	49	55	280
Vermont	200	258	480	521	432	442	432	442	(1)	(1)	175
Massachusetts	1,740	2,378	2,908	2,441	2,595	2,673	572	570	2,023	2,103	1,348
Rhode Island	334	408	547	251	442	473	5	5	437	468	243
Connecticut	684	1,007	1,367	1,040	1,174	1,284	284	323	890	961	597
Middle Atlantic	12,349	18,299	25,136	22,690	22,977	24,417	6,891	6,804	16,087	17,613	9,250
New York	6,939	10,267	14,404	13,243	12,988	13,419	5,276	5,393	7,712	8,026	5,472
New Jersey	1,096	1,506	2,857	3,060	3,202	3,524	30	31	3,171	3,493	1,042
Pennsylvania	4,314	6,526	7,875	6,388	6,787	7,475	1,584	1,380	5,204	6,094	2,736
East North Central	9,958	15,715	22,165	18,168	18,856	20,920	2,103	2,145	16,752	18,776	7,910
Ohio	2,930	4,387	5,942	4,960	5,415	5,948	27	15	5,388	5,933	2,158
Indiana	933	1,484	2,943	2,502	2,513	2,822	133	72	2,380	2,750	1,057
Illinois	3,043	5,209	6,851	5,452	5,032	6,090	247	229	5,385	5,861	2,314
Michigan	2,093	3,031	4,270	3,418	3,484	4,112	984	1,055	2,500	3,057	1,558
Wisconsin	960	1,642	2,159	1,836	1,813	1,949	713	774	1,100	1,175	822
West North Central	3,179	4,254	5,982	5,534	5,505	5,726	1,564	1,224	3,940	4,502	2,683
Minnesota	703	1,046	1,311	1,152	1,102	1,224	447	338	714	886	588
Iowa	1,017	1,195	1,574	1,527	1,394	1,437	532	575	762	862	596
Missouri	608	806	1,269	1,210	1,289	1,205	401	250	888	950	710
North Dakota	28	39	125	137	139	158			139	158	68
South Dakota	48	75	114	88	86	98	10	8	75	91	64
Nebraska	247	366	575	551	556	611	47	37	508	574	255
Kansas	438	567	1,014	870	879	992	26	16	853	976	402
South Atlantic	3,980	6,272	10,395	9,398	10,144	10,194	6,088	5,702	4,056	4,491	4,392
Delaware	76	102	18	6	6	6			6	6	9
Maryland	283	573	1,869	1,691	1,753	1,641	1,470	1,205	283	436	619
District of Columbia	255	350	548	607	468	545	11	11	457	535	222
Virginia	521	802	1,231	1,026	1,090	1,123	345	299	744	824	467
West Virginia	1,128	1,643	2,703	1,540	1,732	1,828	181	128	1,550	1,699	567
North Carolina	260	942	2,298	1,617	1,957	1,886	1,720	1,758	237	128	1,000
South Carolina	730	882	1,202	1,323	1,313	1,363	1,205	1,232	108	130	648
Georgia	595	661	937	980	1,212	1,131	1,116	1,043	96	88	467
Florida	133	318	588	607	613	670	38	25	575	645	362
East South Central	1,464	2,619	3,882	3,556	3,398	3,760	2,836	2,983	564	672	1,864
Kentucky	276	476	719	682	660	724	389	396	271	328	333
Tennessee	573	875	1,637	1,039	976	1,167	766	935	211	232	426
Alabama	550	1,169	2,065	1,784	1,712	1,815	1,680	1,750	32	59	840
Mississippi	66	91	62	51	50	53			50	53	65
West South Central	1,230	2,202	5,055	4,148	4,256	4,552	188	158	4,069	4,394	1,772
Arkansas	119	189	198	149	165	136	129	85	36	51	148
Louisiana	219	350	1,667	1,085	1,097	1,222			1,097	1,222	311
Oklahoma	214	394	958	706	728	753	3	2	725	751	338
Texas	679	1,268	2,922	2,208	2,267	2,442	56	72	2,211	2,370	975
Mountain	2,581	3,127	3,699	2,530	2,771	2,898	2,213	2,170	557	729	1,193
Montana	1,126	1,263	1,320	635	923	868	905	852	18	15	310
Idaho	591	754	912	585	595	685	594	684	(1)	1	227
Wyoming	47	56	98	85	79	82	27	26	52	56	44
Colorado	397	523	573	478	469	507	185	182	275	325	235
New Mexico	15	22	76	158	157	173	2	1	156	172	87
Arizona	159	151	384	281	296	345	245	250	51	95	144
Utah	212	340	293	275	237	207	236	147	1	60	136
Nevada	34	40	43	33	24	32	20	27	4	5	11
Pacific	5,408	8,569	12,723	11,404	11,428	12,312	10,193	9,992	1,235	2,320	4,133
Washington	1,197	1,623	2,555	2,487	2,439	2,747	2,390	2,584	48	163	917
Oregon	476	730	1,219	969	965	1,002	889	872	76	130	339
California	3,736	6,216	8,948	7,949	8,023	8,562	6,913	6,535	1,110	2,027	2,878

[1] Less than 500,000 kilowatt-hours.

Source: Geological Survey, Department of the Interior.

No. 385.—CENTRAL ELECTRIC STATIONS: EQUIPMENT, EMPLOYEES, OUTPUT AND SALES

NOTE.—A central electric station, commercial or municipal, is one either generating and selling electrical energy, or selling only, to public or private consumers. Figures do not include establishments which consume all current generated, such as mines, factories, hotels, and other enterprises not in the nature of public utilities, nor plants operated by the Federal Government or by States unless energy is sold commercially. No data are included for electric-railway power plants unless part of the current generated is sold. There is considerable duplication in total sales, since they include energy sold for resale. Amount sold is considerably less than current generated due to line losses, etc.

	All central electric stations					
	1902	1912	1917	1922	1927	1932
Number of establishments [1]	3,620	5,221	6,542	6,355	4,335	3,429
Prime movers, horsepower—thousands	1,845	7,580	12,937	19,351	35,710	47,967
Steam engines	1,394	1,805	1,702	1,371	994	650
Steam turbines		3,054	6,747	12,355	24,323	32,904
Water wheels and hydroturbines	439	2,469	4,277	5,822	9,844	13,532
Internal-combustion engines	12	111	210	803	548	881
Generators:						
Number	12,484	12,610	13,428	12,701	11,967	11,111
Kilowatt capacity—thousands	1,212	5,165	8,994	14,313	25,811	34,623
Output—millions of kilowatt-hours		14,183	31,044	50,274	96,829	111,716
Generated	2,507	11,569	25,438	40,292	74,687	79,657
Purchased	(2)	2,614	5,606	9,983	22,142	32,059
Sold	(2)	(2)	25,752	41,966	79,011	88,265
To ultimate consumers	(2)	(2)	(2)	32,948	63,612	65,896
For resale	(2)	(2)	(2)	9,017	15,399	22,369
Number of customers—thousands	(2)	3,838	7,179	12,710	21,790	23,862
Salaried employees—number	6,996	26,093	35,406	55,112	101,415	110,453
Salaries—1,000 dollars	5,664	24,307	36,788	86,951	(3)	(4)
Wage earners—number	[5] 23,330	[6] 53,242	[6] 70,135	[6] 95,650	[6] 149,605	[6] 134,120
Wages—1,000 dollars	14,983	36,855	68,454	125,481	(3)	(4)

[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] Figures not available.
[3] Salaries and wages were not reported for 1927 by municipal plants. Commercial plants reported 95,917 salaried employees, with salaries amounting to $166,341,000, and 138,796 wage earners, with wages amounting to $201,291,000.
[4] Schedule did not call for segregation of salaries and wages. The total amount reported was $323,880,000 of which $303,058,000 was reported by commercial establishments and $20,822,000 by municipal.
[5] Average number for the year.
[6] Number Sept. 16, 1912; Sept. 20, 1917; June 30, 1922, 1927, and 1932, or nearest representative day.

No. 386.—CENTRAL ELECTRIC STATIONS: EQUIPMENT, EMPLOYEES, AND FINANCES OF COMMERCIAL AND MUNICIPAL ESTABLISHMENTS

NOTE.—See headnote to table 385

	Commercial establishments				Municipal establishments			
	1917	1922	1927	1932	1917	1922	1927	1932
Number of establishments	4,224	3,774	2,137	1,627	2,318	2,581	2,198	1,802
Horsepower of prime movers—thousands	12,078	18,571	33,661	45,191	859	1,280	2,049	2,776
Capacity of generators thousands of kw.	8,412	13,407	24,383	32,648	582	906	1,428	1,975
Output, millions of kw.-hrs.	29,812	47,833	92,299	106,329	1,232	2,441	4,529	5,387
Generated	24,399	38,413	71,307	75,692	1,039	1,978	3,379	3,965
Purchased	5,413	9,420	20,992	30,637	193	563	1,150	1,422
Sold—								
To ultimate consumers	24,723	30,941	60,537	62,148	1,029	2,007	3,075	3,743
For resale		8,971	14,808	21,789		45	501	580
Customers—thousands	6,202	11,065	19,661	21,634	977	1,645	2,129	2,228
Employees—number	94,679	136,105	234,747	225,557	10,862	14,657	16,273	19,016
Income—1,000 dollars	486,534	986,684	[1] 1,841,227	[2] 2,030,997	40,260	85,436	[2] 122,437	[1] 126,298
Expenses—do	395,127	792,496	[3] 1,318,255	[3] 1,477,139	31,441	67,129	(4)	[3] 89,217
Assets—do	3,631,973	5,504,614	12,950,388	17,032,540	148,345	288,623	(4)	710,143
Value of plant and equipment—1,000 dollars	2,933,017	4,229,356	[5] 8,880,291	[6] 12,124,807	127,375	235,660	417,167	[6] 539,570

[1] Includes net income from utilities other than electric and nonoperating income.
[2] Operating revenues only.
[3] Includes other deductions from gross income.
[4] Not called for on schedule.
[5] Includes plant and equipment valued at $902,057,000, not separated as to electric light and power and other properties.
[6] Reported as fixed capital.

Source of tables 385 and 386: Bureau of the Census, Department of Commerce.

No. 387.—CENTRAL ELECTRIC STATIONS: STATISTICS OF

[See headnote

Division and State	Horsepower of prime movers (thousands)				Thousands of kilowatt-hours generated			
	Total		Steam engines and turbines and internal-combustion engines, 1932	Water wheels and hydro-turbines, 1932	1912	1917	1922	1927
	1927	1932						
Continental U.S.	35,710	47,967	34,435	13,532	11,569,110	25,438,303	40,291,536	74,686,378
New England	3,009	3,843	2,422	1,221	865,380	1,835,584	2,969,971	4,750,194
Maine	262	353	75	278	117,003	165,504	278,456	560,664
New Hampshire	157	421	85	336	126,594	160,456	94,864	226,444
Vermont	204	[1] 599	[1] 344	[1] 255	42,660	65,080	217,718	338,528
Massachusetts	1,529	1,590	1,354	236	386,254	937,125	1,493,328	2,245,301
Rhode Island	264	(1)	(1)	(1)	62,107	161,856	341,592	411,074
Connecticut	603	680	564	116	130,672	345,563	544,013	968,182
Middle Atlantic	8,615	11,310	9,250	2,060	3,548,605	7,659,318	10,705,515	19,281,645
New York	4,212	6,276	4,089	1,587	2,175,049	3,828,592	5,430,772	9,917,686
New Jersey	1,004	1,426	1,419	7	383,891	781,231	1,058,090	1,861,985
Pennsylvania	3,399	3,608	3,742	466	989,665	3,049,495	4,276,653	7,501,975
East North Central	8,668	11,366	10,393	973	2,527,964	5,757,150	9,368,260	18,211,895
Ohio	2,354	2,917	2,895	22	399,101	1,083,514	2,404,492	4,724,016
Indiana	870	1,331	1,282	49	236,944	441,423	795,271	1,746,153
Illinois	2,904	3,698	3,623	75	1,150,900	2,210,373	3,080,504	6,075,352
Michigan	1,619	2,235	1,773	462	525,616	1,504,240	2,102,080	3,773,636
Wisconsin	921	1,185	820	365	215,403	517,600	976,307	1,892,737
West North Central	2,671	3,955	3,022	633	712,595	1,776,475	2,968,757	4,549,264
Minnesota	516	659	484	175	186,045	440,932	588,838	843,357
Iowa	649	843	632	211	67,166	614,809	858,643	1,429,170
Missouri	648	1,022	817	205	232,829	266,431	700,642	891,179
North Dakota	56	104	104	----------	12,298	22,978	40,221	59,409
South Dakota	70	99	92	7	24,704	31,810	61,524	90,407
Nebraska	250	349	329	20	56,300	129,531	245,919	405,056
Kansas	482	579	564	15	133,253	269,984	473,070	830,685
South Atlantic	4,394	6,130	3,295	2,835	739,396	1,745,295	3,789,434	8,445,217
Delaware, Maryland, Dist. of Columbia	695	1,227	825	402	118,035	326,440	622,359	1,102,188
Virginia	502	568	438	130	28,724	107,581	319,206	973,706
West Virginia	755	731	648	83	42,345	204,108	[2] 1,199,378	[2] 1,902,820
North Carolina	773	1,381	476	905	70,552	371,711	404,428	2,036,122
South Carolina	700	940	199	741	356,772	500,431	844,417	1,116,267
Georgia	609	748	196	552	87,572	184,136	268,256	746,074
Florida	360	535	513	22	25,396	50,888	131,390	567,980
East South Central	1,447	2,061	1,026	1,035	227,665	1,048,815	1,419,834	2,777,266
Kentucky	395	455	314	141	75,593	122,631	231,507	505,564
Tennessee	456	579	289	290	75,545	564,914	492,507	936,874
Alabama	508	926	332	594	48,603	330,772	633,883	1,270,159
Mississippi	88	91	91	----------	27,924	30,498	61,937	64,671
West South Central	1,563	2,472	2,351	121	233,948	482,646	1,041,893	3,275,021
Arkansas	131	207	118	89	17,787	38,045	84,469	174,198
Louisiana	277	467	467	----------	18,328	26,009	52,156	634,594
Oklahoma	300	471	468	3	48,824	100,738	242,509	654,513
Texas	855	1,327	1,298	29	149,009	317,254	662,259	1,811,716
Mountain	1,406	1,675	572	1,103	845,394	2,036,195	2,209,444	3,389,551
Montana	378	452	28	424	379,213	965,454	988,009	1,398,749
Idaho	307	308	5	303	115,812	145,308	531,134	713,214
Wyoming	48	50	47	3	11,580	27,391	38,736	67,070
Colorado	269	311	220	91	165,196	274,224	290,082	499,566
New Mexico	33	(4)	(4)	(4)	9,028	17,245	22,362	32,674
Arizona	153	[4] 333	[4] 205	[4] 128	32,900	65,732	147,391	280,267
Utah	199	201	61	140	86,635	486,995	146,337	340,873
Nevada	19	20	6	14	44,970	53,846	45,393	57,137
Pacific	3,937	5,665	2,104	3,561	1,877,663	3,096,825	5,758,928	10,006,324
Washington	848	1,230	304	926	71,415	242,371	1,144,069	2,105,289
Oregon	308	537	260	277	58,789	107,887	266,861	840,063
California	2,781	3,898	1,540	2,358	1,747,459	2,746,567	4,347,998	7,060,973

[1] Rhode Island included with Vermont.
[2] West Virginia included with Delaware, District of Columbia, and Maryland.

COMMERCIAL AND MUNICIPAL ESTABLISHMENTS, BY STATES

to Table 385]

Thousands of kilowatt-hours generated—Continued			Thousands of kilowatt-hours sold, 1932		Revenue (in thousands of dollars), 1932		Division and State
1932	Commercial establishments, 1932	Municipal establishments, 1932	To ultimate consumers	For resale	From sale of electric current to ultimate consumers	From electric current sold for resale	
79,657,487	75,692,688	3,964,799	65,895,976	22,369,097	1,821,106	154,198	Continental U.S.
5,330,234	5,224,337	105,897	4,487,961	3,632,230	155,042	27,756	New England.
762,112	758,343	3,769	624,686	53,011	12,326	507	Maine.
680,607	678,643	1,963	207,198	514,453	7,921	4,118	New Hampshire.
[1] 811,459	[1] 795,902	[1] 15,558	[1] 545,301	[1] 636,663	[1] 19,209	[1] 4,340	Vermont.
2,158,486	2,085,461	73,025	2,194,464	2,094,556	82,785	15,015	Massachusetts.
(1)	(1)	(1)	(1)	(1)	(1)	(1)	Rhode Island.
917,571	905,988	11,582	916,311	333,547	32,801	3,776	Connecticut.
20,340,795	20,177,114	163,681	18,126,798	3,340,416	540,983	18,836	Middle Atlantic.
10,976,564	10,874,359	102,204	9,337,071	1,531,496	285,089	6,366	New York.
2,990,679	2,978,793	11,886	2,141,050	324,712	85,383	979	New Jersey.
6,373,552	6,323,962	49,591	6,648,678	1,984,208	170,511	11,491	Pennsylvania.
18,106,043	17,031,475	1,074,568	14,894,151	6,652,397	413,047	48,015	East North Central.
4,868,954	4,569,663	299,290	3,996,804	1,188,523	110,417	8,903	Ohio.
2,422,940	2,247,557	175,383	1,439,080	1,473,384	45,461	11,342	Indiana.
5,446,743	5,240,302	206,441	5,241,428	3,127,590	138,552	21,539	Illinois.
3,532,623	3,203,684	328,939	2,901,927	207,036	76,476	1,915	Michigan.
1,834,784	1,770,269	64,515	1,314,912	655,865	42,141	5,216	Wisconsin.
5,357,887	4,825,708	532,179	4,754,347	1,112,598	155,135	10,825	West North Central.
995,182	915,139	80,044	1,001,878	107,543	33,152	1,994	Minnesota.
1,483,096	1,402,843	80,253	740,899	208,597	28,436	2,527	Iowa.
1,214,488	1,132,544	81,945	1,766,384	532,855	47,429	3,334	Missouri.
140,316	133,403	6,913	79,088	14,245	4,749	138	North Dakota.
87,402	67,072	20,330	96,845	13,502	5,521	285	South Dakota.
561,795	489,126	72,669	438,224	100,218	15,262	1,262	Nebraska.
875,607	685,582	190,025	631,029	105,637	20,586	1,285	Kansas.
9,458,694	9,191,866	266,829	6,750,375	2,637,718	161,092	19,141	South Atlantic.
2,231,617	2,211,778	19,839	[2] 2,464,156	[2] 1,070,274	[2] 58,325	[2] 7,513	Delaware. Maryland. Dist. of Columbia.
962,318	912,084	50,234	814,387	81,447	21,812	480	Virginia.
1,442,443	1,442,305	138	(2)	(2)	(2)	(2)	West Virginia.
1,651,235	1,609,387	41,847	1,288,397	922,851	25,030	6,211	North Carolina.
1,294,883	1,293,920	964	763,879	466,152	13,182	3,737	South Carolina.
1,269,290	1,257,166	12,124	958,742	56,615	21,978	745	Georgia.
606,909	465,225	141,683	460,815	40,380	20,765	455	Florida.
2,993,770	2,914,604	79,166	2,890,544	733,803	65,156	5,111	East South Central.
681,947	660,942	21,005	626,734	240,139	19,716	1,520	Kentucky.
1,050,405	1,022,065	28,340	1,054,271	33,670	20,365	260	Tennessee.
1,209,646	1,207,681	1,965	1,010,552	457,405	17,527	3,280	Alabama.
51,773	23,916	27,856	198,988	2,589	7,548	51	Mississippi.
4,308,491	4,111,943	196,548	3,463,757	1,057,048	101,467	7,508	West South Central.
155,020	137,266	17,754	283,022	59,037	9,357	849	Arkansas.
1,171,951	1,125,804	46,087	639,769	518,579	17,053	2,907	Louisiana.
725,488	669,054	56,434	610,265	108,882	19,781	1,103	Oklahoma.
2,256,031	2,179,758	76,273	1,930,701	370,551	55,276	2,649	Texas.
2,346,832	2,286,345	60,487	1,958,421	363,173	52,302	3,032	Mountain.
635,520	635,106	355	[3] 901,460	[3] 16,133	[3] 17,801	[3] 245	Montana.
473,290	458,052	15,238	296,091	211,520	6,202	1,070	Idaho.
74,597	73,581	1,016	62,070	6,705	2,820	180	Wyoming.
437,330	394,157	43,173	345,608	25,414	14,154	411	Colorado.
(4)	(4)	(4)	(4)	(4)	(4)	(4)	New Mexico.
[4] 412,616	[4] 411,461	[4] 1,155	[4] 266,987	[4] 100,200	[4] 8,952	[4] 1,078	Arizona.
275,846	256,495	19,350	(3)	(3)	(3)	(3)	Utah.
37,634	37,433	200	86,205	3,200	2,373	48	Nevada.
11,414,720	9,949,276	1,465,444	8,569,821	2,339,714	176,882	13,974	Pacific.
2,544,767	1,979,090	565,677	1,835,963	635,672	28,904	2,874	Washington.
968,614	929,935	38,679	742,723	78,017	15,712	705	Oregon.
7,901,339	7,040,251	861,088	5,990,934	1,726,125	132,266	10,395	California.

[3] Utah included with Montana.
[4] New Mexico included with Arizona.

Source: Bureau of the Census, Department of Commerce.

No. 388.—CENTRAL ELECTRIC STATIONS, COMMERCIAL AND MUNICIPAL ESTABLISHMENTS: NUMBER OF CUSTOMERS, CURRENT SOLD, AND REVENUE (ULTIMATE CONSUMERS ONLY), BY CLASS OF SERVICE, 1932

Class of service	Total	Commercial	Municipal	Total	Commercial	Municipal
	Number of customers			Current sold (thousands of kilowatt-hours)		
Total	23,858,411	21,630,662	2,227,749	65,895,976	62,147,695	3,748,281
Farm service (all uses)	613,753	592,092	21,661	1,504,257	1,488,106	16,151
Domestic service	19,285,500	17,337,876	1,947,624	11,790,140	10,410,750	1,379,390
Commercial service:						
Small light and power (retail)	3,527,794	3,284,326	243,468	12,059,464	10,793,768	1,265,696
Large light and power (wholesale)	379,402	365,038	14,364	32,380,076	31,931,213	448,863
Municipal street lighting	29,832	28,997	835	2,235,668	1,746,288	489,380
Railroads (motive power):						
Street and interurban	474	454	20	4,392,943	4,348,207	44,736
Electrified steam railroad divisions	367	363	4	762,205	762,115	90
Other service	21,229	20,916	313	771,223	667,248	103,975
	Current sold per customer (kilowatt-hours)			Revenue from electric service (thousands of dollars)		
Total	2,762	2,873	1,683	1,821,106	1,703,304	117,802
Farm service (all uses)	2,451	2,511	767	42,774	41,875	899
Domestic service	611	600	708	649,765	584,995	64,770
Commercial service:						
Small light and power (retail)	3,418	3,286	5,199	491,852	459,441	32,411
Large light and power (wholesale)	85,345	87,474	31,249	483,391	475,739	7,652
Municipal street lighting	74,942	60,223	586,084	92,011	81,795	10,216
Railroads (motive power):						
Street and interurban	9,267,813	9,577,550	2,236,782	38,777	38,297	480
Electrified steam railroad divisions	2,076,852	2,099,491	22,379	7,019	7,016	3
Other service	30,320	31,901	332,187	15,517	14,146	1,371
	Revenue per customer (dollars)			Revenue per kilowatt-hour (cents)		
Total	76	79	53	2.8	2.7	3.1
Farm service (all uses)	70	71	43	2.8	2.8	5.6
Domestic service	34	34	33	5.5	5.6	4.7
Commercial service:						
Small light and power (retail)	139	140	133	4.1	4.3	2.6
Large light and power (wholesale)	1,274	1,303	532	1.5	1.5	1.7
Municipal street lighting	3,084	2,821	12,234	4.1	4.7	2.1
Railroads (motive power):						
Street and interurban	81,808	84,354	24,014	.9	.9	1.1
Electrified steam railroad divisions	19,124	19,326	794	.9	.9	3.5
Other service	731	676	4,381	2.0	2.1	1.3

Source: Bureau of the Census, Department of Commerce.

No. 389.—AVERAGE RETAIL PRICES OF HOUSEHOLD ELECTRICITY (32 CITIES)

[Cents per kilowatt-hour]

December—	Net price	December—	Net price	December—	Net price	December—	Net price
1913	8.1	1919	7.5	1925	7.3	1931	6.5
1914	7.8	1920	7.7	1926	7.2	1932	6.5
1915	7.6	1921	7.7	1927	7.1	1933	6.1
1916	7.4	1922	7.5	1928	6.9	1934 (November)	5.8
1917	7.2	1923	7.4	1929	6.7		
1918	7.6	1924	7.4	1930	6.6		

Source: Bureau of Labor Statistics, Department of Labor.

No. 390.—CENTRAL ELECTRIC STATIONS: FINANCIAL STATISTICS

[All figures in thousands of dollars. See headnote to table 385]

	Commercial establishments						Municipal establishments
	1902	1912	1917	1922	1927	1932	1932
INCOME ACCOUNT							
Income, total	78,736	279,054	486,634	936,664	[1]1,341,227	[2]2,030,997	[1]126,298
Electric service, total	77,350	264,475	462,474	930,852	1,680,218	1,854,110	121,194
Commercial and domestic light and power	57,195	205,974	373,280	773,111	1,424,998	[2]1,576,197	[3]107,103
Municipal lighting	16,130	27,131	31,462	40,854	66,141	81,795	10,215
Sales to other public service corporations	4,025	30,357	57,207	122,321	189,079	[4]196,118	[5]3,876
Value of free service	([6])	513	525	566	([5])	([5])	([6])
Interest and dividends from investments	([6])	4,869	8,807	16,527	53,959	61,060	692
Other sources	1,386	9,710	15,353	33,305	[1]107,050	[1]115,827	[1]4,412
Expenses, total	62,835	217,660	395,127	792,496	[7]1,318,255	[7]1,477,139	[7]89,217
Fuel	10,190	30,502	78,286	146,323	157,912	102,560	9,823
Current purchased	2,007	16,913	35,733	79,637	143,711	161,121	17,779
Supplies, materials, and miscellaneous	14,751	27,565	48,118	80,492	[7]121,520	[7]209,730	[7]20,908
Rent of offices, conduits, etc.	1,272	4,214	9,881	18,626	([8])	([8])	([8])
Salaries and wages	18,767	55,659	86,473	194,148	367,632	303,058	20,822
Taxes	2,655	13,117	29,897	73,128	150,253	203,858	1,292
Injuries, damages, insurance	1,074	3,316	5,145	10,209	([5])	([5])	([5])
Interest	12,119	40,865	71,145	125,596	269,602	354,165	7,193
Depreciation	([6])	17,989	26,292	59,273	107,616	142,647	11,400
Sinking and reserve funds	([5])	1,520	4,157	5,064	([5])	([8])	([5])

[1] Includes net income from utilities other than electric and nonoperating income.
[2] Includes revenue for farm service, $41,875,000; domestic service, $584,995,000; small light and power (retail), $459,441,000; large light and power (wholesale), $475,739,000; and other service, $14,146,000.
[3] Includes revenue for farm service, $899,000; domestic service, $64,709,000; small light and power (retail), $32,412,000; large light and power (wholesale), $7,652,000; and other service, $1,371,000.
[4] Includes revenue for street and interurban railways, $38,297,000; electrified steam-railroad divisions, $7,015,000; and total for resale, $150,806,000.
[5] Includes revenue for street and interurban railways, $480,000; electrified steam-railroad divisions, $3,000; and total for resale, $3,393,000.
[6] Not called for on schedule.
[7] Includes other deductions from gross income.
[8] No comparable data.

No. 391.—CENTRAL ELECTRIC STATIONS: REPORTS TO THE EDISON ELECTRIC INSTITUTE

	1926	1928	1930	1932	1933	1934
Current generated.....million kilowatt-hours	67,990	80,453	68,592	76,885	79,259	84,931
Sales to ultimate consumers.....do	56,089	66,885	74,906	63,764	65,754	70,782
Domestic service, incl. nonirrigated farms	6,827	8,619	11,018	11,987	11,960	12,793
Commercial, small light and power (retail)	9,485	11,692	13,944	12,032	12,475	13,151
Commercial, large light and power (wholesale)	32,615	38,903	41,621	31,186	33,722	36,919
All other	7,163	7,774	8,323	7,559	7,596	7,915
Revenue from ultimate consumers.....1,000 dollars	1,520,159	1,784,309	1,990,955	1,832,596	1,773,416	1,837,046
Domestic service, incl. nonirrigated farms	478,182	571,520	664,441	669,200	656,570	677,697
Commercial, small light and power (retail)	427,407	519,957	575,598	528,861	499,684	511,682
Commercial, large light and power (wholesale)	488,915	549,989	590,992	476,451	465,191	495,657
All other	125,655	142,743	159,924	158,084	151,970	152,010
Customers, average for year.....thousands	19,448	22,470	24,351	24,282	24,067	24,568
Domestic, including nonirrigated farms	15,992	18,520	20,149	19,956	19,800	20,266
Commercial, small light and power (retail)	3,041	3,445	3,613	3,707	3,671	3,706
Commercial, large light and power (wholesale)	383	474	541	555	529	527
All other	33	30	48	65	67	68

Sources: Table 390, Bureau of the Census, Department of Commerce; table 391, Edison Electric Institute.

No. 392.—DEVELOPED AND POTENTIAL WATER POWER

NOTE.—In thousands of horsepower. Data for developed water power cover capacity of actual installation of water wheels and turbines in plants of 100 horsepower or more. Figures for potential power are revised estimates showing the 24-hour horsepower available 90 percent of the time and 50 percent of the time at an over-all efficiency of 70 percent at all developed and undeveloped sites. Data for potential power are not directly comparable with those for developed power, because developed power is usually given in terms of the capacity of installed water wheels or turbines, which may be several times the potential power available 90 percent of the time. Probably with complete development of the water-power resources of the whole country the installed capacity would amount to 80,000,000 horsepower or more

Division and State	Developed water power (capacity of actual installation)							Potential water power available—	
	November, 1921	March, 1925	January, 1930	January, 1932	January, 1933	January, 1934	January, 1935	90 percent of the time	50 percent of the time
Continental U. S.	7,927	10,048	13,808	15,563	15,818	15,913	16,075	41,701	60,276
New England	1,811	1,399	1,643	1,939	1,947	2,004	2,006	1,022	2,019
Maine	450	477	541	613	613	613	616	536	1,074
New Hampshire	229	243	278	559	559	572	575	186	350
Vermont	130	168	260	202	202	192	192	103	209
Massachusetts	338	344	362	362	368	423	422	107	236
Rhode Island	30	30	30	30	30	29	29	25	40
Connecticut	134	136	172	172	174	175	173	65	110
Middle Atlantic	1,479	1,658	2,113	2,302	2,396	2,421	2,465	4,397	6,083
New York	1,292	1,714	1,805	1,892	1,900	1,885	1,885	4,034	4,993
New Jersey	17	19	18	17	17	17	17	50	90
Pennsylvania	170	220	291	392	478	520	563	313	1,000
East North Central	799	885	1,075	1,103	1,139	1,186	1,189	758	1,401
Ohio	29	30	30	21	22	23	23	55	166
Indiana	27	51	55	54	55	55	55	45	145
Illinois	85	87	95	94	94	88	88	180	361
Michigan	267	305	379	414	444	464	477	184	249
Wisconsin	331	413	517	520	524	555	546	285	480
West North Central	444	515	551	766	767	762	750	1,040	1,862
Minnesota	205	263	287	287	287	287	272	212	329
Iowa	173	177	181	182	184	183	183	169	395
Missouri	18	20	23	235	235	235	235	84	105
North Dakota	(1)	(1)	(1)	(1)	(1)	(1)	(1)	82	193
South Dakota	18	19	19	20	20	20	20	206	247
Nebraska	15	21	24	24	24	24	24	183	342
Kansas	15	14	16	16	16	13	16	104	251
South Atlantic	1,082	1,594	2,657	2,968	2,979	3,038	3,173	2,988	5,133
Delaware	3	3	1	1	1	1	1	6	10
Maryland	7	7	416	416	416	400	404	106	238
Dist. of Columbia	1	1	6	6	6	6	6		
Virginia	104	118	126	153	155	152	154	459	812
West Virginia	15	15	89	87	87	87	227	355	980
North Carolina	330	535	947	961	971	971	980	916	1,245
South Carolina	330	507	674	810	810	811	811	555	860
Georgia	286	400	473	512	512	[2] 578	569	572	958
Florida	7	9	25	21	21	20	20	20	30
East South Central	241	392	1,169	1,364	1,364	1,298	1,303	2,477	3,251
Kentucky	1	1	145	145	145	145	145	245	380
Tennessee	127	166	179	288	288	288	291	1,340	1,656
Alabama	113	224	845	931	931	[2] 865	867	820	1,140
Mississippi								72	75
West South Central	16	31	49	134	150	150	150	567	1,117
Arkansas	1	16	16	95	95	95	95	200	300
Louisiana								9	9
Oklahoma	2	2	3	3	2	2	2	70	194
Texas	13	14	31	37	53	53	53	288	614
Mountain	827	937	1,185	1,216	1,212	1,209	1,190	11,132	14,670
Montana	344	360	419	428	429	428	428	2,410	3,300
Idaho	224	299	358	355	348	348	342	2,550	3,550
Wyoming	8	8	19	25	23	23	23	704	1,182
Colorado	92	91	98	98	102	101	102	873	1,609
New Mexico	1	1	2	1	2	2	2	116	186
Arizona	39	49	120	137	137	137	137	2,759	2,887
Utah	106	115	156	158	158	156	144	1,420	1,586
Nevada	13	14	14	14	14	14	13	300	370
Pacific	1,789	2,336	3,365	3,772	3,865	3,848	3,851	17,320	24,740
Washington	454	561	766	1,011	1,053	1,037	1,037	8,800	12,000
Oregon	185	244	299	354	364	364	363	4,400	6,300
California	1,149	1,531	2,301	2,407	2,448	2,447	2,450	4,120	6,440
Outlying areas:									
Alaska		40	36	36	37	[3] 37	[3] 37	1,000	2,500
Hawaii		25	[4] 32	[4] 32	26	26	[5] 26	19	28
Puerto Rico		15	[6] 15	[7] 30	36	[3] 36	[3] 36	72	174

[1] Less than 500. [2] Bartletts Ferry plant changed from Alabama to Georgia. [3] Capacity in 1933. [4] Capacity in 1928. [5] Capacity in 1934. [6] Capacity in 1925. [7] Capacity in 1931.

Source: Geological Survey, Department of the Interior.

19.—PUBLIC ROADS AND MOTOR VEHICLES

No. 393.—RURAL ROADS IN THE UNITED STATES

NOTE.—Mileage data included for county and township roads in 1921 and 1926 were secured from county records; data for other years shown in this and subsequent tables contain some estimates and are not as accurate as to detail. Figures for county and township roads not available subsequent to 1930. Data in most cases refer to calendar years; there are, however, exceptions in some States. Data relate to continental United States only, except as noted

Item	1921	1926	1929	1930
ALL RURAL ROADS				
Total mileage at end of year	2,941,294	3,000,190	3,024,233	3,009,066
Earth roads	2,553,534	2,450,126	2,361,798	2,315,507
Surfaced roads	387,760	550,064	662,435	693,559
Low type [1]	340,583	467,077	549,981	567,851
High type [1]	[2] 47,177	82,987	112,454	125,708
Total mileage built during year	110,976	116,413	78,003	87,717
Earth roads (graded and drained)	[3] 69,804	60,059	23,128	24,370
Surfaced roads [4]	41,172	56,354	54,875	63,347
Low type [1]	33,083	46,746	42,548	48,397
High type [1]	[5] 8,089	9,608	12,327	14,950
Funds available for rural road purposes, all authorities [6] (1,000 dollars)	[7]1,109,896	1,840,451	2,042,400	2,302,646
Motor vehicle fees, gasoline taxes	119,915	430,449	687,730	862,933
Other taxes and appropriations	415,747	491,194	560,908	537,951
Proceeds of bonds	434,573	272,422	271,864	316,973
Federal aid [8]	77,457	79,163	77,573	92,463
All other sources	[7] 62,205	361,224	444,324	492,326
Disbursements for rural roads and bridges, all roads, by all authorities (1,000 dollars)	1,027,493	1,276,698	1,615,519	1,885,851
Highway purposes—				
Construction	622,172	621,893	813,982	1,009,712
Maintenance	250,559	338,853	433,538	475,912
Other expenditures	121,372	203,002	197,148	194,869
All other disbursements	33,389	112,950	170,850	205,357

Item	1926	1929	1930	1931	1932	1933
Total mileage of State highway systems at end of year [9]	287,928	314,136	324,496	328,942	[10] 358,210	[11] 345,751
Earth roads	124,869	105,812	98,275	86,242	92,150	73,906
Surfaced roads	163,059	208,324	226,221	242,700	266,060	[11] 271,845
Low type [1]	109,110	133,211	142,109	146,359	156,325	157,995
High type [1]	53,949	75,113	84,112	96,341	109,735	113,850
Total mileage of State highway systems built during year	27,387	32,522	35,277	44,634	35,971	27,930
Earth roads (graded and drained)	7,060	7,451	7,813	10,095	6,394	6,258
Surfaced roads [4]	20,327	25,071	27,464	34,539	29,577	21,672
Low type [1]	14,199	16,224	16,677	22,026	19,558	14,271
High type [1]	6,128	8,847	10,787	12,513	10,009	7,401
Funds available to State highway departments [12] (1,000 dollars)	806,688	1,194,775	1,423,164	1,367,970	1,173,576	955,124
Disbursements by State highway departments, including Federal aid [12] (1,000 dollars)	621,744	910,485	1,139,677	1,091,009	955,446	782,006
Highway construction under Federal aid, status at end of year: [13]						
Completed mileage	56,717	82,330	88,945	99,777	104,562	118,176
Projects under construction:						
Miles	14,581	8,735	9,089	8,672	13,349	2,669
Total cost (1,000 dollars)	365,730	217,013	233,397	216,850	250,978	66,174
Federal aid (1,000 dollars)	151,490	89,219	99,573	98,080	98,257	26,724
Projects approved for construction:						
Miles	1,575	1,400	2,875	1,910	2,682	64
Total cost (1,000 dollars)	40,299	29,340	60,394	35,473	45,085	408
Federal aid (1,000 dollars)	13,921	9,942	25,531	15,134	13,314	273
Federal-aid fund available for new projects (1,000 dollars)	113,070	99,881	144,726	113,879	20,294	3,956

[1] Low type includes sand-clay, gravel, and waterbound macadam; high type includes bituminous macadam, bituminous concrete, sheet asphalt, Portland cement concrete, and block pavements.
[2] Includes 11,303 miles of unclassified roads. [3] Includes mileage partially graded and drained.
[4] Includes original and reconstructed surfacing. [5] Includes 368 miles of unclassified roads.
[6] Excludes funds transferred. [7] Excludes balance on hand at beginning of year; not reported in 1921.
[8] For road and bridge purposes under supervision of State highway department only.
[9] Some municipal street mileage which cannot be determined included prior to 1933.
[10] Includes 20,171 miles of local roads under jurisdiction of State highway department for construction and maintenance; this mileage was excluded in 1933.
[11] Includes 1,509 miles of municipal streets. [12] Includes funds transferred to or from local units.
[13] Includes data for Hawaii beginning 1926 for all items except those for projects approved for construction which include Hawaii beginning 1929. For 1934 data regarding Federal aid road construction, also public works road construction in 1934, see table 398.

Source: Bureau of Public Roads, Department of Agriculture.

No. 394.—RURAL ROAD MILEAGE AS OF DECEMBER 31

NOTE.—Data include all rural roads. In some cases variations in mileage from that of the previous year shown are partly because of more accurate survey of road mileage. Data in most cases relate to Dec 31; there are, however, some exceptions. Data for local roads subsequent to 1930 are not available. For mileage of State highway systems as of Dec. 31, 1933, see table 395

Division and State	All types			Surfaced roads						
	1914	1921	1930	1914	1921	1926	1927	1928	1929	1930
Continental U. S.	2,445,761	2,941,294	3,009,066	257,292	387,760	550,064	588,721	626,137	662,435	693,559
New England	86,718	83,295	83,744	18,038	17,725	23,614	24,631	25,919	27,465	28,848
Maine	23,537	21,483	20,882	2,762	2,953	4,429	4,832	5,293	5,777	6,227
New Hampshire	14,020	13,841	12,034	1,660	1,692	2,218	2,391	2,546	2,784	3,000
Vermont	14,249	14,677	15,031	1,442	3,545	4,490	4,691	4,857	4,983	5,075
Massachusetts	18,681	18,868	18,802	8,506	6,575	8,280	8,435	8,783	9,324	9,682
Rhode Island	2,170	2,274	2,739	693	754	876	853	990	1,025	1,092
Connecticut	14,061	12,152	14,256	2,975	2,206	3,321	3,370	3,450	3,572	3,712
Middle Atlantic	185,771	186,935	190,633	31,516	38,946	58,298	62,071	64,748	67,935	70,801
New York	79,398	81,878	82,375	15,036	18,566	26,957	29,481	31,113	32,713	34,278
New Jersey	14,817	14,066	17,393	5,897	6,459	7,836	8,057	8,734	9,077	9,442
Pennsylvania	91,556	90,991	90,867	9,983	13,921	23,505	24,533	24,901	26,145	27,081
East North Central	405,245	412,753	418,051	94,365	124,298	153,853	160,864	168,210	174,150	181,598
Ohio	86,354	84,219	85,106	30,569	36,068	42,361	43,977	46,245	48,503	50,836
Indiana	73,347	76,246	73,768	30,962	39,857	49,440	50,284	50,995	51,314	52,034
Illinois	95,647	96,326	97,287	11,606	11,473	16,928	18,118	20,032	21,375	22,815
Michigan	74,190	77,283	81,106	7,829	17,186	21,698	22,493	24,167	25,143	26,281
Wisconsin	75,707	78,679	81,784	13,399	19,714	23,426	25,792	26,771	27,815	29,632
West North Central	650,058	759,320	777,793	14,968	30,223	61,503	69,989	78,762	87,384	96,166
Minnesota	93,517	107,103	110,661	3,968	16,905	30,011	32,399	34,223	35,501	37,217
Iowa	104,074	104,082	103,328	615	2,585	9,284	11,811	15,191	18,021	20,088
Missouri	96,041	111,520	110,540	6,713	7,879	11,043	11,739	12,319	13,074	14,326
North Dakota	68,796	106,523	106,846	955	710	1,874	2,366	2,953	3,592	4,026
South Dakota	96,306	115,485	120,271	363	548	3,510	4,087	4,840	6,147	7,006
Nebraska	80,272	86,556	93,907	1,205	496	3,273	3,979	4,651	5,364	6,386
Kansas	111,052	128,551	132,240	1,149	1,100	2,508	3,608	4,585	5,685	7,027
South Atlantic	297,193	365,567	357,554	32,154	61,178	82,232	89,541	95,384	100,840	96,514
Delaware	3,674	3,933	3,779	244	448	884	927	1,004	1,180	1,258
Maryland	16,459	14,772	14,847	2,489	3,663	4,640	5,307	5,493	5,704	6,308
Virginia	53,388	59,080	59,957	3,910	7,260	10,542	11,192	11,897	12,327	12,581
West Virginia	32,024	35,173	34,799	1,065	1,367	3,037	3,713	3,917	4,450	5,202
North Carolina	50,758	68,204	53,796	6,004	16,755	26,885	27,811	28,345	29,649	21,966
South Carolina	42,226	61,850	57,726	3,270	6,908	12,475	13,841	16,648	17,576	18,802
Georgia	80,669	94,912	102,284	12,342	13,339	11,416	13,015	13,972	14,831	14,922
Florida	17,995	27,643	30,366	2,830	6,438	12,403	13,735	14,018	15,123	15,395
East South Central	205,191	242,745	259,078	27,626	41,478	55,274	58,031	61,187	66,695	73,406
Kentucky	57,916	68,704	61,261	12,403	15,436	15,236	15,619	16,130	17,030	17,664
Tennessee	46,050	62,546	67,953	8,102	9,878	11,238	12,521	13,538	15,184	18,618
Alabama	55,446	58,410	67,907	4,988	10,420	17,514	18,204	17,370	18,369	19,784
Mississippi	45,779	53,085	61,957	2,133	5,744	11,286	12,587	14,149	16,112	17,960
West South Central	312,182	416,617	413,820	13,315	23,988	40,285	42,187	46,436	49,896	52,818
Arkansas	50,763	74,866	68,849	1,098	3,871	5,981	6,269	6,779	7,958	8,884
Louisiana	24,563	39,803	36,553	2,068	2,771	8,697	9,501	10,731	11,152	12,203
Oklahoma	107,916	[1] 134,263	120,879	122	2,461	2,930	3,300	3,711	4,774	5,307
Texas	128,960	167,685	188,539	10,527	14,883	22,677	23,117	25,215	26,012	26,424
Mountain	163,117	306,382	334,929	4,881	15,539	25,827	28,574	32,010	33,848	36,960
Montana	39,204	64,732	67,072	609	1,772	2,508	2,799	3,178	3,437	3,870
Idaho	24,396	31,099	39,825	679	2,982	6,961	7,940	8,487	8,854	9,766
Wyoming	14,797	46,528	41,233	408	440	1,284	1,361	1,604	1,760	1,087
Colorado	39,780	48,143	68,974	1,194	4,598	5,997	6,383	6,952	7,157	7,588
New Mexico	11,873	45,549	47,776	262	1,802	1,954	2,144	2,361	2,530	3,014
Arizona	12,075	21,227	22,818	253	1,233	3,070	3,150	3,421	3,597	3,840
Utah	8,810	23,047	23,655	1,154	2,544	2,600	3,001	3,996	4,237	4,451
Nevada	12,182	26,057	23,576	262	168	1,453	1,796	2,011	2,237	2,444
Pacific	140,286	167,180	172,402	19,928	34,387	49,126	52,135	53,481	54,222	56,448
Washington	42,428	45,816	43,381	4,922	12,062	16,483	16,655	16,406	16,718	16,870
Oregon	36,819	45,475	51,617	4,726	8,050	11,578	11,815	11,995	12,123	13,931
California	61,039	75,889	76,964	10,280	14,275	21,065	23,665	25,080	25,381	25,647

[1] Includes about 26,000 miles of section lines declared public highways by law but which are not open for general traffic.

Source: Bureau of Public Roads, Department of Agriculture.

No. 395.—STATE HIGHWAY SYSTEMS: Rural Roads and Municipal Streets Connecting Highways as of December 31, 1933, and Rural Mileage Surfaced During 1932 and 1933

Division and State	Existing mileage, end of 1933						Mileage surfaced during—		
	Rural roads and municipal streets	Rural roads					1932, total [2]	1933	
		Total	Earth roads	Surfaced roads				Total [2]	On earth roads
				Total	Low type [1]	High type [1]			
Cont'l U. S.	358,282	[3] 345,751	73,906	[3] 271,845	157,995	113,850	29,577	[4] 21,672	12,377
New England	11,794	11,135	561	10,574	5,995	4,579	684	402	158
Maine	2,379	2,087	66	2,021	1,539	482	140	61	11
New Hampshire	3,032	2,948	37	2,911	2,450	452	238	37	3
Vermont	1,100	1,013	----	1,013	444	569	94	41	----
Massachusetts	1,795	[5] 1,795	----	[5] 1,795	196	1,599	127	95	34
Rhode Island	1,136	1,086	408	678	168	510	20	73	50
Connecticut	2,352	2,206	50	2,156	1,189	967	65	95	60
Middle Atlantic	30,366	28,106	3,102	25,004	5,940	19,064	4,662	1,349	670
New York	14,656	13,930	1,681	12,249	1,119	11,130	1,163	824	250
New Jersey	1,872	[5] 1,872	140	[5] 1,732	118	1,614	41	33	23
Pennsylvania [6]	[7] 13,838	[7] 12,304	1,281	11,023	4,703	6,320	3,458	[4] 492	397
East North Central	51,215	49,155	1,834	47,321	18,372	28,949	4,146	2,168	775
Ohio	11,845	11,845	57	11,788	5,284	6,504	977	440	8
Indiana	8,894	8,439	137	8,302	3,911	4,391	563	396	78
Illinois	10,759	10,099	515	9,584	12	9,572	684	674	595
Michigan	8,854	8,668	521	8,147	4,083	4,064	817	281	94
Wisconsin	10,863	10,104	604	9,500	5,082	4,418	1,105	377	----
West North Central	60,470	58,081	10,518	47,563	34,817	12,746	7,632	5,730	3,466
Minnesota	7,000	6,766	90	6,776	4,164	2,612	1,234	534	43
Iowa	8,795	7,834	410	7,424	3,222	4,202	695	284	185
Missouri	12,226	[5] 12,226	1,478	[5] 10,748	6,995	3,753	1,929	2,154	1,513
North Dakota	7,674	7,604	1,997	5,607	5,576	31	1,067	981	817
South Dakota	6,023	5,961	1,020	4,941	4,753	188	466	343	251
Nebraska	9,770	9,177	2,527	6,650	5,944	706	1,269	760	279
Kansas	8,982	8,513	2,996	5,517	4,163	1,354	972	674	378
South Atlantic	52,897	51,470	10,463	41,007	24,953	16,054	3,141	2,991	2,092
Delaware	1,142	[5] 1,142	----	[5] 1,142	272	870	50	142	142
Maryland [8]	3,884	3,757	----	3,757	1,761	1,996	236	110	38
Virginia	9,192	8,974	1,301	7,673	6,114	1,559	239	[4] 834	834
West Virginia	4,687	4,448	873	3,575	1,625	1,950	347	163	118
North Carolina	10,991	10,148	949	9,199	5,358	3,841	442	588	258
South Carolina	5,954	5,954	187	5,767	3,376	2,391	717	396	225
Georgia	8,680	8,680	3,921	4,759	2,775	1,984	[9] 861	599	255
Florida	8,367	8,367	3,232	5,135	3,672	1,463	249	159	134
East South Central	26,177	26,177	4,341	21,836	16,051	5,785	1,063	1,455	940
Kentucky	7,319	[5] 7,319	1,333	[5] 5,986	4,494	1,492	548	914	574
Tennessee	7,212	7,212	739	6,473	4,014	2,459	[9] 323	237	175
Alabama [8]	5,552	5,552	1,442	4,110	2,948	1,162	149	113	60
Mississippi	6,094	6,094	827	5,267	4,595	672	43	191	131
West South Central	55,099	53,628	15,421	38,207	20,669	17,538	3,737	3,728	2,519
Arkansas	9,020	8,843	1,525	7,318	5,313	2,005	5	213	25
Louisiana	17,628	[6] 17,628	5,956	[6] 11,672	9,474	2,198	1,426	563	209
Oklahoma	7,420	[5] 7,420	2,020	[5] 5,400	3,367	2,033	312	957	917
Texas	21,031	19,737	5,920	13,817	2,515	11,302	1,994	1,995	1,368
Mountain	48,142	47,113	22,763	24,350	22,910	1,440	3,165	3,034	1,591
Montana	8,250	8,093	4,629	3,464	3,419	45	811	751	571
Idaho	4,806	4,636	1,457	3,179	2,994	185	271	297	113
Wyoming	3,482	3,398	815	2,583	2,548	35	318	296	296
Colorado	9,523	9,421	4,330	5,091	4,598	493	440	347	125
New Mexico	10,525	10,370	7,218	3,152	3,036	116	215	435	175
Arizona	2,895	2,895	707	2,188	1,951	237	116	320	118
Utah	4,622	4,293	1,821	2,472	2,212	260	450	273	70
Nevada	4,034	4,007	1,786	2,221	2,152	69	544	315	123
Pacific	22,132	20,886	4,903	15,983	8,288	7,695	1,347	815	256
Washington	3,805	3,551	235	3,316	2,235	1,081	648	203	42
Oregon	4,751	[6] 4,751	614	[5] 4,137	2,530	1,607	287	238	128
California	13,576	12,584	4,054	8,530	3,523	5,007	412	374	86

[1] See note 1, table 393.
[2] Includes original and reconstructed surfacing.
[3] Includes 1,509 miles of municipal streets.
[4] Not including 5,541 miles (2,892 miles in Pennsylvania and 2,649 miles in Virginia) built on secondary systems under jurisdiction of State highway departments for construction and maintenance.
[5] Includes municipal streets.
[6] Data as of May 15 or for year ended May 15.
[7] Not including 20,171 miles of secondary roads under jurisdiction of State highway departments for construction and maintenance; this mileage was included in the 1932 report.
[8] Data as of Sept. 30 or for year ended Sept. 30.
[9] For 18 months, July 1, 1931, to Dec. 31, 1932.

Source: Bureau of Public Roads, Department of Agriculture.

No. 396.—DISBURSEMENTS FOR RURAL HIGHWAYS UNDER SUPERVISION OF STATE HIGHWAY DEPARTMENTS, INCLUDING FEDERAL AID

NOTE.—Figures include disbursements, whether from current revenues or the proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, and transfers to local units

Division and State	Year in which first State aid law passed	1921	1926	1927	1928	1929	1930	1931	1932	1933
		Thousands of dollars								
Cont'l U.S.		397,484	621,744	707,179	830,285	910,495	1,133,677	1,091,009	955,443	782,006
New England		26,910	45,178	51,735	60,878	73,425	76,418	74,095	79,341	58,896
Maine	1901	6,524	10,279	8,684	12,118	14,006	17,184	18,442	16,243	10,490
N. Hampshire	1903	2,360	3,017	3,565	5,553	[1] 7,713	9,640	8,489	7,112	7,471
Vermont	1898	951	3,713	4,080	5,762	12,516	9,013	6,999	6,177	5,511
Mass'setts	1892	7,864	13,794	18,380	16,478	20,180	21,926	28,324	29,596	18,289
Rhode Island	1902	2,213	3,871	4,242	4,548	5,412	3,367	6,188	4,768	6,347
Connecticut	1895	6,998	10,504	12,784	16,419	13,598	15,288	[2] 5,653	15,445	11,788
Middle Atlantic		101,475	117,072	136,625	153,247	171,495	216,238	192,315	172,429	137,259
New York	1898	36,855	41,781	58,798	62,503	69,664	73,233	73,924	54,255	42,206
New Jersey	1891	15,608	24,378	27,763	32,479	41,397	47,414	52,800	49,197	28,377
Pennsylvania	1903	49,012	50,913	50,064	58,265	60,434	95,589	65,581	68,947	66,676
E. N. Central		68,512	104,321	114,016	160,563	160,363	190,673	153,465	166,894	127,083
Ohio	1904	15,547	20,496	25,518	33,953	30,281	47,491	34,101	36,703	20,705
Indiana	1917	8,110	12,429	14,798	16,544	20,678	22,589	20,771	23,183	[3] 8,800
Illinois	1905	15,663	24,267	30,270	53,472	39,728	48,864	42,622	45,092	40,194
Michigan	1905	16,744	25,998	25,883	36,578	48,666	46,136	30,540	36,211	24,272
Wisconsin	1911	12,417	12,131	17,547	20,017	21,010	25,623	19,371	25,705	33,112
W. N. Central		41,087	88,723	101,852	104,993	123,547	171,732	167,043	131,290	103,289
Minnesota	1905	7,480	17,979	17,837	18,412	23,366	39,365	36,578	36,959	17,079
Iowa	1904	18,276	15,272	24,077	37,255	36,084	50,607	30,827	23,738	18,123
Missouri	1907	4,727	30,841	25,996	18,051	28,321	43,921	42,841	37,335	34,503
North Dakota	1909	1,030	1,978	4,567	3,564	4,129	3,992	6,957	5,084	[4] 5,074
South Dakota	1911	4,738	5,843	4,862	5,893	6,168	5,915	12,074	5,413	4,600
Nebraska	1911	4,836	7,639	8,004	6,984	8,467	11,087	13,718	10,057	11,124
Kansas	1911		9,171	16,569	13,904	17,012	16,845	17,448	12,704	12,878
South Atlantic		51,181	113,051	133,323	121,189	113,712	139,904	154,397	123,176	104,379
Delaware	1903	3,765	3,409	3,480	3,377	5,208	8,492	4,426	3,386	4,138
Maryland	1808	7,616	10,598	[5] 10,598	10,603	13,617	17,992	16,152	15,950	13,788
Virginia	1906	7,114	12,014	14,714	14,448	14,214	19,189	22,022	17,640	20,669
West Virginia	1909	1,877	17,492	19,311	16,224	19,184	23,308	24,385	20,070	13,521
N. Carolina	1901	15,100	37,216	33,144	28,301	24,902	25,613	26,193	22,516	20,475
S. Carolina	1917	3,941	9,640	13,410	21,099	18,581	22,753	31,031	16,328	[3] 8,125
Georgia	1908	9,604	9,566	15,114	12,728	7,039	12,699	17,408	20,756	14,537
Florida	1915	2,103	13,657	23,557	14,343	10,907	9,858	12,070	7,530	9,126
E. S. Central		16,621	38,845	44,734	60,329	68,942	92,737	86,156	57,583	51,828
Kentucky	1912	5,757	9,820	11,484	[6] 14,766	15,130	19,497	23,552	20,174	18,169
Tennessee	1915	6,328	14,037	16,003	19,172	29,741	53,278	41,209	25,405	15,357
Alabama	1911	1,036	10,290	10,766	20,110	19,317	15,373	14,523	7,195	10,711
Mississippi	1915	3,500	4,698	6,481	6,281	4,754	4,589	6,874	4,759	[7] 7,591
W. S. Central		26,897	50,205	58,119	84,901	104,613	136,738	133,535	101,960	88,229
Arkansas	1913		9,563	14,532	31,784	40,971	39,821	26,291	8,108	[4] 7,274
Louisiana	1910	5,347	10,363	10,753	11,157	17,143	29,357	50,033	38,852	25,781
Oklahoma	1911	4,775	10,420	12,816	13,251	11,969	20,228	15,947	12,144	14,524
Texas	1917	16,775	19,859	20,018	28,710	34,530	47,332	42,164	42,796	40,650
Mountain		27,463	23,810	27,318	35,039	37,008	47,028	58,372	50,136	49,757
Montana	1913	3,640	1,155	1,541	3,863	4,488	6,378	7,173	8,502	7,480
Idaho	1905	4,803	4,191	3,847	5,413	3,365	6,637	7,717	6,592	5,193
Wyoming	1911	3,446	2,974	2,873	3,600	3,123	3,590	7,007	5,151	4,360
Colorado	1909	4,156	5,850	5,232	6,957	7,142	8,144	11,862	6,796	9,606
New Mexico	1909	3,713	2,928	5,080	6,603	6,675	9,138	8,702	5,718	7,505
Arizona	1909	2,948	2,565	2,608	2,443	4,873	6,233	7,242	7,041	5,491
Utah	1909	3,107	2,448	3,929	3,902	4,545	5,193	6,824	6,037	6,084
Nevada	1911	1,590	1,699	2,199	2,167	2,797	2,710	[8] 1,695	4,299	3,848
Pacific		38,339	39,938	39,450	49,126	57,382	68,215	71,632	72,685	61,286
Washington	1905	9,696	8,825	8,628	13,393	15,702	15,806	17,681	19,494	11,032
Oregon	1913	17,828	10,018	10,263	10,268	11,328	14,668	17,186	13,188	12,660
California	1895	10,815	21,095	20,559	24,965	30,352	37,741	36,815	40,003	37,594

[1] Excludes expenditures of $2,462,000 for flood relief work.
[2] For 6 months ended June 30.
[3] For 9 months ended June 30.
[4] Owing to change in fiscal year, data include some disbursements reported also in 1932.
[5] Data are for 1926.
[6] For 9 months ended Mar. 31, 1929.
[7] For 11 months ended Dec. 25.
[8] For 7 months ended June 30.

Source: Bureau of Public Roads, Department of Agriculture.

No. 397.—FUNDS AVAILABLE AND DISTRIBUTION OF DISBURSEMENTS FOR STATE HIGHWAY PURPOSES, 1933

[In thousands of dollars]

Division and State	Funds available					Distribution of disbursements				
							Expenditures for highway purposes			
	Total	Motor-vehicle fees and motor-fuel taxes	Federal-aid receipts	Income from bonds, notes, and other loans	All other sources[1]	Total	New and reconstructed roads and bridges	Maintenance roads and bridges	Other[2]	Other disbursements[3]
Cont'l. U. S.	965,124	498,231	185,644	27,975	243,274	782,006	446,841	136,830	80,391	115,944
New England	73,182	43,373	9,100	2,856	17,853	58,696	27,927	14,377	3,065	13,527
Maine	13,296	6,766	2,995	956	2,580	10,490	4,089	1,869	1,214	3,317
New Hampshire	8,438	4,661	585	1,900	1,291	7,471	2,882	2,695	331	1,564
Vermont	6,532	3,832	774	.....	1,926	5,511	2,936	1,413	263	899
Massachusetts	23,728	13,093	3,375	.....	7,260	18,280	9,086	4,787	382	3,435
Rhode Island	5,531	3,921	802	.....	808	5,347	3,141	857	270	1,078
Connecticut	15,657	11,100	569	.....	3,988	11,788	5,193	2,756	605	3,234
Middle Atlantic	199,894	76,362	18,885	6,862	97,985	137,259	72,525	25,129	20,415	18,891
New York	73,887	8,475	7,847	6,706	50,859	42,206	25,042	9,204	6,664	1,296
New Jersey	[4]39,442	13,981	2,748	156	[4]22,557	28,377	12,022	2,260	4,155	9,941
Pennsylvania	86,565	53,906	8,090	.....	24,569	66,676	35,761	13,665	9,596	7,654
E. N. Central	166,799	106,704	24,565	.....	351,531	127,083	74,490	25,753	7,672	19,171
Ohio	28,221	19,102	5,896	.....	3,222	20,705	11,444	9,155	75	31
Indiana[5]	17,106	9,040	1,223	.....	6,843	8,800	5,083	3,559	158	.....
Illinois	57,699	35,015	7,272	.....	15,413	40,194	26,467	3,460	6,326	3,933
Michigan	20,583	22,746	5,557	.....	1,281	24,272	16,381	4,793	1,100	1,999
Wisconsin	34,190	20,801	4,617	.....	8,772	33,112	15,115	4,777	13	13,208
W. N. Central	117,594	61,756	29,357	5,997	19,984	103,289	64,896	15,178	13,833	9,382
Minnesota	19,533	12,208	3,869	.....	3,456	17,079	9,465	3,035	2,092	2,487
Iowa	22,922	15,199	3,828	811	3,084	18,122	8,956	2,211	4,887	2,068
Missouri	37,393	17,917	5,563	5,086	8,837	34,503	22,646	2,692	5,838	3,326
North Dakota[6]	5,464	1,320	3,114	100	930	5,074	3,704	1,001	44	265
South Dakota	5,192	2,282	2,670	.....	240	4,509	3,152	1,236	21	101
Nebraska	11,998	5,780	5,701	.....	517	11,124	8,819	2,205	88	12
Kansas	15,092	7,050	5,122	.....	2,920	12,878	8,154	2,738	863	1,123
South Atlantic	116,859	72,935	20,882	.....	22,843	104,379	47,328	15,301	12,318	29,434
Delaware	4,480	2,032	402	.....	2,046	4,138	2,234	273	481	1,150
Maryland	15,411	8,595	1,425	.....	5,391	13,788	7,165	2,307	1,026	3,291
Virginia	21,672	15,849	2,742	.....	3,080	20,669	7,835	4,950	666	7,219
West Virginia	16,785	8,876	2,931	.....	4,978	13,521	4,968	2,333	2,560	3,660
North Carolina	23,293	18,956	3,614	.....	723	20,475	4,734	2,138	4,466	9,138
South Carolina[7]	8,849	3,651	1,311	.....	3,888	8,125	1,500	641	2,179	3,746
Georgia	16,011	8,911	5,065	.....	2,036	14,537	11,688	928	733	1,188
Florida	10,158	6,065	3,392	.....	701	9,126	7,144	1,731	207	43
E. S. Central	58,972	28,639	17,695	.....	12,637	51,828	30,441	8,652	10,563	2,172
Kentucky	18,026	10,997	4,548	.....	2,482	18,169	11,472	3,975	2,341	382
Tennessee	22,296	9,000	4,018	.....	9,277	15,357	8,131	1,448	5,327	450
Alabama	10,933	5,906	4,610	.....	466	10,711	5,202	1,477	2,732	1,300
Mississippi[8]	7,667	2,736	4,519	.....	412	7,591	5,636	1,752	163	40
W. S. Central	93,588	48,277	24,680	10,000	15,632	88,229	54,884	16,121	6,320	10,954
Arkansas[6]	7,913	6,481	3,999	.....	[9]2,567	7,274	3,922	1,584	1,229	539
Louisiana	27,769	10,597	3,572	10,000	3,600	25,781	9,730	2,152	4,619	9,280
Oklahoma	13,229	5,918	4,888	.....	1,424	14,524	12,479	1,830	215	.....
Texas	44,677	19,281	12,221	.....	13,175	40,650	28,703	10,555	257	1,135
Mountain	52,008	19,281	27,099	800	4,827	49,757	35,443	7,879	1,906	4,530
Montana	7,645	2,578	4,978	.....	88	7,480	6,251	1,092	137	[10]
Idaho	5,633	2,382	2,774	.....	477	5,193	3,607	923	184	479
Wyoming	4,797	1,727	2,611	.....	459	4,360	3,241	753	178	189
Colorado	9,971	3,879	4,260	.....	1,832	9,696	6,342	1,316	313	1,726
New Mexico	7,979	2,502	4,190	500	786	7,605	4,713	1,173	453	1,266
Arizona	5,770	2,296	2,888	.....	586	5,491	4,038	918	283	252
Utah	6,424	2,954	2,816	.....	654	6,084	4,142	1,157	309	476
Nevada	3,789	963	2,582	300	[9]55	3,848	3,109	547	49	142
Pacific	76,426	45,904	13,060	1,461	15,981	61,286	38,656	10,441	4,308	7,882
Washington	13,962	10,487	3,248	.....	227	11,032	6,502	2,209	200	2,121
Oregon	13,896	8,203	2,724	1,461	1,508	12,660	5,363	2,109	1,325	3,863
California	48,568	27,214	7,108	.....	14,246	37,594	26,791	6,123	2,781	1,898

[1] Includes balance from previous year, transfers from local sources, and miscellaneous revenue.
[2] Equipment and machinery, interest on bonds and notes, and miscellaneous expenses.
[3] Principal payments on bonds and notes, transfers to local units, and miscellaneous disbursements.
[4] Not including income relating to Port of New York Authority and certain other income; included in previous years.
[5] For 9 months ended June 30.
[6] Owing to change in fiscal year, data include some receipts and disbursements reported also in 1932.
[7] For 6 months ended June 30. [8] For 11 months ended Dec. 25. [9] Deficit. [10] Less than $500.

Source: Bureau of Public Roads, Department of Agriculture.

No. 398.—FEDERAL AID AND PUBLIC WORKS ROAD CONSTRUCTION: STATUS AS OF DEC. 31, 1934

[All figures, except mileage data, in thousands of dollars]

Division and State	Federal-aid road construction						Public-works road construction [1]					
	Mileage completed prior to Jan. 1, 1935	Projects under construction [2]			Federal-aid allotted to public-works projects	Federal-aid funds available for new projects	Total allotment of public-works funds	Mileage completed prior to Jan. 1, 1935	Projects under construction [3]			Public-works funds available for new projects
		Total cost	Federal aid allotted	Mileage					Total cost	Public-works funds alloted	Mileage	
Grand total [4]	120,340	15,780	7,132	460	7,937	927	594,000	20,226	147,807	131,388	6,911	106,311
New England	3,342	2,418	957	17	374	99	28,059	436	9,428	8,930	158	5,048
Maine	889					(6)	5,082	150	1,137	1,107	37	567
New Hampshire	465				17		2,879	52	687	663	19	248
Vermont	423				6	(6)	2,816	94	526	495	27	412
Massachusetts	935	108	20	4	180		9,948	58	4,395	4,214	21	2,721
Rhode Island	299						3,013	61	299	256	8	563
Connecticut	331	2,310	937	13	171	19	4,321	21	2,384	2,195	44	537
Middle Atlantic	8,354	1,227	436	24	407	17	71,707	1,058	26,957	23,020	651	7,055
New York	4,003	1,076	433	24	104	13	33,658	342	15,964	11,408	319	2,924
New Jersey	692	151	3	(6)	272		9,567	52	2,279	2,110	18	2,821
Pennsylvania	3,639				31	4	28,482	664	8,714	8,502	324	1,310
East North Central	15,128	6,959	3,164	161	107	123	92,825	1,840	21,282	20,756	685	19,507
Ohio	3,296				81	67	23,350	542	1,944	1,628	100	4,010
Indiana	2,380	3,530	1,702	51			15,127	195	3,434	3,433	93	4,370
Illinois	3,707	3,172	1,356	102		41	26,492	213	8,899	8,899	287	5,416
Michigan	2,743	257	106	8		15	19,189	454	5,576	5,533	148	2,551
Wisconsin	3,002				26		14,667	436	1,430	1,263	57	3,160
West North Central	31,616	667	572	53	681	52	94,412	5,941	19,419	17,925	1,857	13,432
Minnesota	4,595						16,082	1,182	1,901	1,669	222	2,660
Iowa	3,832						15,174	502	3,763	3,472	357	1,975
Missouri	3,438				124		18,354	791	4,590	4,312	256	3,681
North Dakota	6,002	561	490	34	300		8,743	1,316	858	779	213	2,325
South Dakota	4,774	106	82	19	257	52	9,059	777	1,156	1,124	294	2,421
Nebraska	4,580						11,793	656	3,861	3,424	210	348
Kansas	4,395						15,207	657	3,290	3,145	305	116
South Atlantic	14,182	942	432	34	1,202	289	74,637	2,301	16,304	14,356	776	18,210
Delaware	421						2,742	52	1,006	934	60	254
Maryland	914						5,375	66	2,103	1,930	44	1,609
Dist. of Col							2,892	14	422	422	3	250
Virginia	2,230				171	150	11,182	370	1,636	1,386	44	2,441
W. Virginia	1,046	212	99	7	13	6	6,755	106	1,822	1,755	64	1,406
N. Carolina	2,942				579	38	14,363	842	2,349	1,911	200	3,975
S. Carolina	2,284	134	66	5	22	31	8,230	294	1,876	1,859	102	1,977
Georgia	3,529	174	82	5	111	43	15,205	369	3,196	3,052	150	4,568
Florida	816	422	185	17	306	1	7,893	188	1,834	1,701	49	1,530
East South Central	8,827	919	435	65	3,858	45	47,281	1,281	15,529	12,985	835	11,123
Kentucky	2,193	279	115	17	13	1	11,336	473	1,896	1,770	108	2,401
Tennessee	1,925				197		12,796	275	3,197	3,100	115	2,716
Alabama	2,586				1,643	15	12,630	295	5,386	4,347	320	2,823
Mississippi	2,118	640	320	48	2,005	29	10,519	238	5,041	3,768	292	3,183
West South Central	15,851	1,964	626	66	414	231	89,406	2,714	14,512	13,457	527	14,583
Arkansas	2,249	116	56	8	260	84	10,176	289	2,713	2,518	93	2,565
Louisiana	1,675	690	317	3	27		8,793	121	3,126	2,590	52	1,340
Oklahoma	2,807	733	288	33	127	26	13,902	502	2,725	2,626	146	1,818
Texas	9,150	425	165	22		171	36,535	1,802	5,948	5,723	236	8,334
Mountain	16,909	509	224	34	513	14	64,887	3,709	12,013	11,070	1,117	6,643
Montana	3,603				71		11,209	645	1,959	1,866	206	1,579
Idaho	1,778	304	109	24	12	(6)	6,764	354	1,397	1,375	77	1,250
Wyoming	2,516				90		6,789	640	1,288	1,261	147	525
Colorado	2,011	205	115	10	18		10,361	364	2,568	2,096	244	879
New Mexico	2,524				144		8,735	516	1,636	1,636	147	1,059
Arizona	1,469					7	7,854	345	967	932	93	1,541
Utah	1,474				178	7	6,327	444	1,027	758	100	648
Nevada	1,544						6,848	401	1,171	1,146	133	1,162
Pacific	5,973				63	8	41,987	929	10,594	8,449	271	7,708
Washington	1,450						9,222	190	1,421	1,421	42	1,123
Oregon	1,814				63	(6)	9,205	320	1,681	1,563	82	1,286
California	2,709					8	23,540	419	7,492	5,465	147	5,359
Hawaii	147	173	87	6	320	15	2,821	16	1,766	1,438	23	961

[1] As provided by the National Industrial Recovery Act and by the Act of June 18, 1934.
[2] Projects approved for construction are: 16 miles; estimated cost, $462,000; Federal aid allotted, $93,000.
[3] Projects approved for construction are: 3,320 miles; public-works funds allotted, $58,065,000.
[4] Includes Hawaii.
[5] than $500.
[6] than five-tenths of 1 mile.

Source: Bureau of Public Roads, Department of Agriculture.

No. 399.—PRODUCTION AND REGISTRATION OF MOTOR VEHICLES

NOTE.—Figures for earlier years are largely estimates. Beginning with 1921, data include production of plants located in Canada, making motor vehicles of United States design, and cars assembled in foreign countries from American parts; figures represent factory sales for United States plants and production for Canadian plants. Motor cycles and trailers are not included

Year	Production						Registration (in thousands)		
	Number (in thousands)			Wholesale value (thousands of dollars)			Total	Passenger cars, busses, and taxis	Trucks and road tractors [2]
	Total	Passenger cars	Motor trucks [3]	Total	Passenger cars	Motor trucks [3]			
1900 [4]	4	4		4,899	4,899		8		
1904 [4]	23	22	(5)	24,629	23,682	947	55	55	(5)
1905	25	25	(5)	40,000	39,030	970	78	77	1
1906	34	33	1	62,900	61,850	1,050	107	106	1
1907	44	43	1	93,400	92,040	1,360	142	140	2
1908	65	63	2	137,800	135,250	2,550	198	194	3
1909 [4]	131	128	3	165,149	159,919	5,230	312	306	6
1910	187	181	6	225,000	215,340	9,660	468	458	10
1911	210	199	11	246,000	225,000	21,000	640	620	20
1912	378	356	22	378,000	335,000	43,000	944	903	41
1913	485	462	23	443,902	399,902	44,000	1,258	1,194	64
1914 [4]	569	544	25	458,958	413,859	45,098	1,711	1,626	86
1915	970	896	74	701,778	575,978	125,800	2,446	2,310	136
1916	1,618	1,526	92	1,082,378	921,378	161,000	3,513	3,298	215
1917	1,874	1,746	128	1,274,488	1,053,506	220,983	4,983	4,657	326
1918	1,171	943	227	1,236,107	801,938	434,169	6,147	5,622	525
1919	1,934	1,658	276	1,885,113	1,461,786	423,327	7,565	6,771	794
1920	2,227	1,906	322	2,232,420	1,809,171	423,249	9,232	8,226	1,006
1921	1,682	1,518	164	1,261,067	1,091,752	169,914	10,463	9,483	980
1922	2,646	2,369	277	1,793,023	1,561,741	231,282	12,238	10,960	1,279
1923	4,180	3,754	427	2,592,033	2,274,554	317,479	15,091	13,538	1,553
1924	3,738	3,304	434	2,367,413	2,040,707	326,706	17,594	15,461	2,133
1925	4,428	3,871	557	3,015,164	2,544,529	470,635	19,937	17,496	2,441
1926	4,506	3,949	557	3,214,817	2,740,065	468,753	22,001	19,237	2,764
1927	3,580	3,083	497	2,700,706	2,265,633	435,073	23,133	20,219	2,914
1928	4,601	4,012	589	3,162,799	2,703,754	459,045	24,493	21,379	3,114
1929	5,022	4,795	827	3,576,646	2,981,142	595,504	26,501	23,122	3,380
1930	3,510	2,910	600	2,126,602	1,720,652	405,950	26,545	23,059	3,486
1931	2,472	2,038	434	1,426,056	1,153,908	272,748	25,833	22,366	3,467
1932	1,431	1,186	245	793,045	650,781	142,264	24,115	20,886	3,229
1933	1,986	1,627	359	987,436	795,305	192,132	23,844	20,616	3,227
1934	2,870	2,271	599	1,537,290	1,204,376	332,914	24,933	21,524	3,409

[1] See headnote.
[2] Road tractors are not included prior to 1924.
[3] A substantial part of the trucks reported comprises chassis without body; hence the value of bodies for these chassis is not included.
[4] Production data are from United States Census Reports and in 1900 are for fiscal year ended June 30.
[5] Less than 500.

Sources: Automobile Manufacturers Association and Bureau of Public Roads.

No. 400.—FACTORY SALES OF PASSENGER CARS (UNITED STATES AND CANADA) BY WHOLESALE PRICE CLASSES, AND PERCENTAGE OF CLOSED CARS

NOTE.—For index numbers of retail sales of new passenger cars see table 806, p. 786

Year	Number sold								Percentage of closed cars
	Total	$500 and under	$501 to $750	$751 to $1,000	$1,001 to $1,500	$1,501 to $2,000	$2,001 to $3,000	Over $3,000	
1925	3,870,744	2,019,708	660,520	545,981	462,243	103,119	54,814	24,359	56.5
1926	3,948,843	1,633,775	1,149,301	500,508	476,675	94,915	73,738	19,931	72.0
1927	3,083,360	1,039,216	957,987	446,663	466,902	107,425	50,064	15,103	84.9
1928	4,012,158	1,698,603	1,219,266	462,452	456,117	108,448	55,304	11,968	88.5
1929	4,794,898	2,585,414	1,317,116	387,835	347,340	98,086	47,587	11,520	89.4
1930	2,910,187	1,754,747	680,352	204,450	179,180	55,351	27,206	8,841	90.4
1931	2,038,183	1,328,294	413,929	162,954	80,687	33,846	12,714	5,759	92.9
1932	1,186,185	794,164	260,831	74,610	36,670	8,699	8,679	2,532	96.0
1933	1,627,361	1,316,341	237,999	32,610	20,125	10,409	8,725	2,052	98.5
1934	2,270,566	1,470,032	680,314	66,223	27,576	8,391	6,879	2,151	98.8

Source: Automobile Manufacturers Association.

No. 401.—MOTOR-VEHICLE PRODUCTION IN THE UNITED STATES [1]

Month	1926	1927	1928	1929	1930	1931	1932	1933	1934
	Passenger cars								
Total	3,783,937	2,936,533	3,815,417	4,587,400	2,784,745	1,973,090	1,135,491	1,573,512	2,177,919
January	276,119	198,157	205,539	347,609	233,815	138,317	98,803	109,833	112,754
February	323,139	262,550	291,005	406,171	280,016	180,419	94,110	90,128	186,774
March	384,579	343,872	371,283	513,656	330,922	231,244	99,399	97,469	279,274
April	385,343	356,823	364,261	537,504	372,932	286,917	120,937	149,755	288,355
May	374,789	356,930	374,630	516,181	361,368	271,475	157,756	180,651	273,764
June	340,716	279,565	355,685	452,749	285,936	210,396	160,338	207,597	261,280
July	317,160	237,811	337,560	425,998	222,205	184,173	94,705	191,265	223,094
August	381,041	275,585	398,722	441,820	183,918	155,425	75,907	191,414	183,500
September	352,070	220,443	357,704	364,336	176,426	109,228	64,748	157,376	125,040
October	200,254	183,042	338,883	319,330	113,808	58,415	35,107	104,870	84,003
November	220,357	109,712	215,742	169,492	101,141	49,184	47,532	42,365	49,020
December	138,421	106,043	204,353	92,494	122,258	97,897	86,149	50,789	111,061
	Motor trucks and busses								
Total	516,947	464,793	643,342	771,020	571,241	416,648	235,187	346,545	575,192
January	32,879	40,751	26,189	53,428	39,406	33,531	20,541	18,992	42,912
February	40,513	42,185	32,791	60,247	50,398	39,521	23,308	15,319	43,482
March	48,888	50,641	42,031	71,799	65,466	45,161	19,660	17,803	59,160
April	53,994	49,559	45,843	84,346	71,092	50,022	27,389	26,677	64,620
May	50,378	48,718	61,103	88,510	58,659	45,688	26,539	33,760	56,691
June	45,553	44,252	41,111	93,183	48,570	40,244	22,768	42,130	45,197
July	42,459	31,585	54,526	44,842	43,328	34,317	14,438	38,092	41,830
August	45,810	34,409	62,576	56,808	40,450	31,772	14,418	41,441	51,311
September	46,868	33,867	57,610	51,576	44,223	31,338	19,402	34,424	44,967
October	44,167	36,040	58,401	60,087	40,593	21,727	13,595	29,813	47,988
November	33,944	24,658	41,398	48,081	35,613	19,683	12,025	18,318	34,462
December	29,503	27,528	29,763	27,513	33,443	23,644	21,204	29,776	42,563

[1] Figures represent production or factory sales. Passenger cars include taxicabs; trucks and busses include ambulances, funeral cars, fire apparatus, street sweepers, and road tractors.

No. 402.—STATE GASOLINE TAXES

NOTE.—In a majority of States all the proceeds of these taxes and in all but a few of the others the great bulk of the proceeds are applied to road purposes

State	Total earnings (tax and other receipts) in thousands of dollars			Tax in cents per gallon on Dec. 31—		State	Total earnings (tax and other receipts) in thousands of dollars			Tax in cents per gallon on Dec. 31—	
	1932	1933	1934	1933	1934		1932	1933	1934	1933	1934
Total	514,130	519,403	566,642	[1]4	[1]4	Montana	2,690	2,751	3,064	5	5
						Nebraska	7,809	7,706	8,656	4	4
Alabama	7,001	8,033	9,299	6	6	Nevada	727	696	894	4	4
Arizona	2,901	2,679	3,029	5	5	New Hampshire	2,639	2,350	2,746	4	4
Arkansas	5,165	5,998	7,864	6	6½	New Jersey	16,675	16,471	17,098	3	3
California	36,129	35,217	35,970	3	3	New Mexico	2,211	2,282	2,578	5	5
Colorado	5,499	5,325	6,475	4	4	New York	42,581	43,393	43,985	3	3
Connecticut	4,733	4,857	4,973	2	2	North Carolina	13,907	14,773	17,191	6	6
Delaware	1,090	1,130	1,185	3	3	North Dakota	1,837	1,925	2,262	3	3
Dist. of Col	2,040	2,082	2,063	2	2	Ohio	34,269	33,940	37,618	4	4
Florida	14,532	14,293	16,584	7	7	Oklahoma	9,682	10,079	10,821	4	4
Georgia	11,930	12,635	14,366	6	6	Oregon	5,591	6,344	7,252	5	5
Idaho	2,287	2,283	2,872	5	5	Pennsylvania	30,801	31,059	33,413	3	3
Illinois	28,754	27,833	29,131	3	3	Rhode Island	1,858	1,885	2,050	2	2
Indiana	16,740	16,289	17,570	4	4	South Carolina	6,225	6,679	7,719	6	6
Iowa	8,970	9,372	11,255	3	3	South Dakota	2,963	3,346	3,765	4	4
Kansas	7,420	7,771	8,634	3	3	Tennessee	12,185	12,980	14,114	7	7
Kentucky	8,206	8,316	9,221	5	5	Texas	27,064	28,479	31,751	4	4
Louisiana	8,301	8,155	8,923	5	5	Utah	2,173	2,190	2,515	4	4
Maine	4,254	4,127	4,486	4	4	Vermont	1,875	1,766	1,942	4	4
Maryland	7,500	7,208	7,809	4	4	Virginia	10,810	11,082	12,477	5	5
Massachusetts	16,519	16,377	17,002	3	3	Washington	11,047	10,863	11,959	5	5
Michigan	20,461	19,485	20,984	3	3	West Virginia	4,949	4,923	5,704	4	4
Minnesota	10,001	10,214	10,943	3	3	Wisconsin	14,948	15,169	15,399	4	4
Mississippi	5,844	6,101	7,025	6	6	Wyoming	1,418	1,405	1,768	4	4
Missouri	8,950	9,081	9,681	2	2						

[1] Weighted average rate for the year.

Sources: Table 401, Bureau of the Census, Department of Commerce; table 402, Bureau of Public Roads, Department of Agriculture.

No. 403.—MOTOR VEHICLE REGISTRATIONS: PASSENGER CARS AND MOTOR TRUCKS COMBINED, BY STATES

NOTE.—Net number of cars and trucks shown when possible, excluding reregistrations and nonresident registrations. Totals in this table do not include those official cars which are exempt (or partially exempt) from paying regular registration fees to the States. Road tractors are included beginning with 1925

Division and State	1913	1915	1920	1925	1930	1933	1934
Continental U. S.	1,258,062	2,445,666	9,231,941	19,937,274	26,545,281	23,843,591	24,933,403
New England	121,327	208,609	573,321	1,290,151	1,698,619	1,590,180	1,655,623
Maine	11,022	21,545	62,907	140,499	186,157	168,173	178,995
New Hampshire	8,237	18,449	34,680	81,498	112,183	107,631	113,134
Vermont	5,913	11,499	31,025	69,576	86,624	73,576	77,921
Massachusetts	62,660	102,633	274,498	640,158	846,206	789,788	785,392
Rhode Island	10,295	16,362	50,477	101,756	135,423	136,261	142,394
Connecticut	23,200	41,121	119,134	250,669	331,026	314,751	357,787
Middle Atlantic	266,033	497,227	1,474,106	3,536,570	4,914,101	4,721,510	4,815,195
New York	134,495	255,242	676,205	1,625,583	2,307,730	2,240,757	2,269,355
New Jersey	51,360	81,843	227,737	580,554	852,850	845,734	864,541
Pennsylvania	80,178	160,137	570,164	1,330,433	1,753,521	1,635,019	1,681,202
East North Central	314,524	653,665	2,229,396	4,918,383	6,384,157	5,535,441	5,731,089
Ohio	86,156	181,332	621,390	1,346,400	1,759,363	1,554,314	1,613,265
Indiana	45,000	96,915	333,067	725,410	875,763	770,071	803,271
Illinois	94,656	180,832	568,924	1,263,177	1,638,260	1,463,050	1,456,241
Michigan	54,366	114,845	412,717	989,010	1,328,269	1,077,209	1,148,953
Wisconsin	34,346	79,741	293,298	594,386	782,502	670,797	709,359
West North Central	232,044	499,992	1,782,948	2,941,814	3,681,901	3,241,673	3,365,399
Minnesota	40,000	93,269	324,160	599,694	732,972	679,243	697,672
Iowa	70,299	145,109	437,378	659,202	778,386	632,292	666,440
Missouri	38,140	76,462	297,008	604,166	761,600	698,362	739,813
North Dakota	15,187	24,908	90,840	144,972	183,019	153,889	156,203
South Dakota	14,457	28,724	120,395	168,028	205,172	169,249	169,975
Nebraska	13,411	59,000	219,000	338,719	426,229	390,651	406,632
Kansas	34,550	72,520	294,159	457,033	594,523	517,987	528,664
South Atlantic	77,323	150,594	806,053	1,920,982	2,517,673	2,243,486	2,472,724
Delaware	2,440	5,052	18,300	40,140	56,109	51,099	54,240
Maryland	14,217	31,047	102,841	234,247	321,702	313,274	332,892
District of Columbia	4,000	8,009	34,161	103,092	156,076	149,790	163,070
Virginia	9,022	21,357	115,470	282,650	375,889	347,883	[1] 373,908
West Virginia	5,144	13,279	80,604	217,589	266,273	226,985	[2] 194,231
North Carolina	10,000	21,000	140,860	[3] 340,287	453,241	382,308	430,351
South Carolina	10,000	15,000	93,843	168,496	218,402	[4] 162,735	[5] 202,834
Georgia	[6] 20,000	25,000	146,000	248,093	341,580	330,147	376,993
Florida	[6] 3,000	[6] 10,850	73,914	286,388	327,801	279,265	335,205
East South Central	26,360	48,421	357,658	878,115	1,213,501	977,776	1,069,156
Kentucky	7,210	19,500	112,683	261,047	331,002	294,547	332,177
Tennessee	[7] 10,000	[8] 7,618	101,852	244,626	368,259	312,180	336,313
Alabama	5,300	11,634	74,637	194,580	277,146	206,361	[9] 225,732
Mississippi	3,850	9,669	68,486	177,262	237,094	164,688	174,934
West South Central	48,583	84,433	772,655	1,790,017	2,411,714	2,074,404	2,231,542
Arkansas	3,583	8,021	59,082	183,589	220,204	188,242	198,091
Louisiana	[7] 10,000	11,380	73,000	207,000	275,283	232,688	244,007
Oklahoma	[6] 3,000	25,032	212,880	424,345	550,331	451,712	477,292
Texas	[7] 32,000	[7] 40,000	427,693	975,083	1,365,896	1,201,762	[10] 1,312,152
Mountain	33,215	78,520	374,473	675,706	962,572	820,376	890,092
Montana	5,916	14,540	60,650	94,656	135,168	110,245	128,330
Idaho	2,113	7,071	50,861	81,506	119,077	96,255	108,863
Wyoming	1,584	3,976	23,926	47,711	61,501	52,560	64,990
Colorado	13,000	28,894	129,255	240,097	308,509	266,491	274,231
New Mexico	1,898	5,100	22,100	49,111	84,150	76,643	82,900
Arizona	3,613	7,753	34,601	68,029	110,525	89,496	96,586
Utah	4,000	9,177	42,616	73,427	113,997	100,362	101,926
Nevada	1,091	2,009	10,464	21,169	29,645	28,324	32,230
Pacific	138,153	226,205	861,333	1,985,536	2,761,043	2,838,745	2,702,610
Washington	24,178	38,823	173,920	328,442	446,062	427,406	422,238
Oregon	13,975	23,585	103,790	216,553	[11] 273,925	[11] 239,410	274,117
California	[7] 100,000	163,797	583,623	1,440,541	2,041,356	1,971,929	2,006,255

[1] For registration year ended Mar. 31, 1935.
[2] For 6 months ended June 30.
[3] For 6 months ended Dec. 31.
[4] For 10 months ended Oct. 31.
[5] For registration year ended Oct. 31.
[6] Registrations incomplete.
[7] Estimated.
[8] Cars registered during 1915 only; total, approximately 26,000.
[9] For registration year ended Sept. 30.
[10] For 15 months ended Mar. 31, 1935.
[11] For registration year ended June 30.

Source: Bureau of Public Roads, Department of Agriculture.

No. 404.—REGISTRATIONS AND REVENUES FROM MOTOR VEHICLES, 1934

Division and State	Number of motor cars				Trailers, registered	Motorcycles, registered and official combined	Receipts from motor-vehicle administration	
	Total	Individually and commercially owned, registered		Tax-exempt official motor cars			Total receipts [1]	Registration motor cars
		Passenger cars, busses, and taxis	Trucks and road tractors				Thousands of dollars	
Continental U. S.	[2] 25,163,789	21,524,063	3,409,335	[2] 230,386	615,315	102,332	304,928	262,782
New England	1,664,899	1,414,318	241,405	9,276	14,165	7,591	24,696	18,320
Maine	181,272	141,302	[3] 37,693	2,277	[3] 7,578	1,126	3,165	2,474
New Hampshire	113,815	90,752	22,382	681	2,354	1,211	2,477	2,035
Vermont	78,059	[4] 69,309	[4] 8,612	138	964	614	2,157	1,849
Massachusetts	786,693	686,884	98,508	1,301	752	1,387	6,634	3,791
Rhode Island	143,684	124,062	18,332	1,290	147	873	2,315	1,879
Connecticut	361,376	301,909	55,878	3,589	2,370	2,380	7,948	6,292
Middle Atlantic	4,865,760	4,178,452	636,746	50,562	34,793	30,307	88,120	70,728
New York	2,294,363	1,970,976	288,379	25,008	17,417	12,245	41,664	36,891
New Jersey	874,189	741,290	123,351	9,548	3,734	6,045	15,614	11,179
Pennsylvania	1,697,208	1,466,186	215,016	16,006	13,642	12,017	30,842	22,658
East North Central	5,777,772	5,039,603	700,436	48,683	219,082	20,826	71,451	63,998
Ohio	1,629,504	[5] 1,453,420	[5] 159,845	16,239	73,287	7,117	19,961	18,322
Indiana	803,860	689,480	122,791	589	34,425	2,798	7,260	5,986
Illinois	1,465,740	[5] 1,281,976	[5] 174,265	9,499	10,720	4,886	18,278	16,359
Michigan	1,162,486	[5] 1,025,548	[5] 123,405	13,533	92,184	3,063	15,901	13,588
Wisconsin	716,182	589,179	120,180	6,823	8,466	2,762	10,051	9,743
West North Central	3,378,831	2,896,186	469,213	13,432	119,972	7,805	32,073	30,030
Minnesota	629,071	593,790	103,882	1,399	24,707	1,746	6,867	6,409
Iowa	671,310	591,090	75,350	4,870	44,477	2,031	10,034	9,677
Missouri	742,616	632,104	107,709	2,803	18,024	1,657	7,344	6,562
North Dakota	156,846	129,888	26,315	643	263	249	1,291	1,233
South Dakota	171,260	146,143	23,832	1,285	10,128	360	1,314	1,267
Nebraska	408,726	350,072	56,630	2,094	18,640	1,054	1,945	1,752
Kansas	529,002	453,099	75,595	338	3,733	708	3,278	3,130
South Atlantic	2,503,705	2,124,931	347,793	30,981	49,299	11,431	27,394	24,269
Delaware	54,414	[5] 44,846	[5] 9,394	174	1,356	456	883	715
Maryland	336,410	287,541	45,351	3,518	1,434	1,573	3,523	2,807
Dist. of Columbia	165,878	145,807	17,263	2,808	1,169	864	677	169
Virginia	379,310	316,640	[3] 57,268	5,902	[3] 2,509	3,581	4,947	4,289
West Virginia [6]	194,393	166,978	27,253	162	1,084	865	1,987	1,766
North Carolina	449,701	384,585	54,766	10,350	20,649	1,306	6,944	6,793
South Carolina	205,705	181,957	20,877	2,871	1,919	722	2,831	2,510
Georgia	377,691	316,731	60,262	698	9,293	1,023	1,193	1,129
Florida	339,703	279,846	55,359	4,498	9,886	1,041	4,409	4,091
East South Central	1,079,017	925,740	143,416	8,861	8,369	3,055	11,473	11,276
Kentucky	334,327	294,732	[3] 37,445	2,150	(8)	1,047	3,013	2,875
Tennessee	342,528	298,558	37,755	6,215	2,991	1,204	3,322	3,292
Alabama	226,966	191,631	34,101	1,234	4,671	644	3,188	3,183
Mississippi	175,196	140,819	34,115	262	707	160	1,950	1,926
West South Central	2,257,179	1,850,859	380,883	25,637	56,696	6,122	24,736	22,812
Arkansas	199,560	162,391	35,700	1,469	7,950	458	2,184	1,972
Louisiana	248,887	199,228	44,779	4,880	6,528	794	4,380	4,010
Oklahoma	482,403	403,364	73,928	5,111	5,420	1,023	3,251	2,724
Texas [7]	1,326,329	1,085,876	226,276	14,177	36,798	3,847	14,921	14,106
Mountain	900,823	743,757	146,305	10,261	24,083	2,927	8,066	7,052
Montana	130,307	[5] 97,249	[5] 31,087	1,971	506	315	1,071	1,006
Idaho	110,274	91,002	17,861	1,411	11,733	367	1,560	1,514
Wyoming	65,843	51,888	13,102	853	5,398	187	437	411
Colorado	274,752	[5] 246,373	27,858	[5] 521	946	832	2,172	1,632
New Mexico	84,325	66,788	16,112	1,425	918	281	843	806
Arizona	93,783	79,795	16,791	2,197	2,313	384	759	600
Utah	103,160	84,823	17,103	1,234	1,359	448	966	859
Nevada	32,879	25,839	6,391	649	910	113	248	233
Pacific	2,735,970	2,359,322	343,283	33,360	88,856	12,408	16,929	14,277
Washington	429,356	357,017	64,321	7,118	5,470	1,784	2,727	2,296
Oregon	278,194	232,709	[3] 41,411	4,077	[3] 1,276	1,471	[9] 4,002	[9] 3,550
California	2,028,420	[10] 1,769,699	[10] 237,556	22,165	82,110	9,213	10,140	8,431

[1] Includes registration fees, licenses, permits, fines, etc.; excludes gasoline taxes and special taxes on motor carriers.
[2] Includes 333 "cars at large" not allocated to any State.
[3] Some trailers included with trucks.
[4] Some trucks included with passenger cars.
[5] Busses included with trucks.
[6] Data cover 6 months ended June 30, 1934.
[7] Data cover 15 months ended Mar. 31, 1935.
[8] Some official cars included with private and commercial.
[9] Data cover 18 months ended Dec. 31, 1934.
[10] Common carriers, freight and passenger, included with passenger cars; contract carriers, with trucks.

Source: Bureau of Public Roads, Department of Agriculture.

No. 405.—AUTOMOBILE FATALITIES IN ENTIRE DEATH REGISTRATION AREA IN CONTINENTAL UNITED STATES

NOTE.—Figures include all deaths from accidents caused by motor vehicles except motor cycles, but exclude deaths from collisions of automobiles with railroad trains and street cars

Year	Entire registration area			Registration States				
	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population	Number of cars registered	Deaths per 100,000 cars
1911	59,183,071	1,291	2.2	54,285,189	1,150	2.2	----------	----------
1912	60,369,974	1,758	2.9	55,188,437	1,563	2.8	----------	----------
1913	63,200,625	2,488	3.9	58,235,115	2,241	3.8	882,911	253.8
1914	65,813,315	2,826	4.3	60,943,663	2,571	4.2	1,234,844	208.2
1915	67,095,681	3,978	5.9	61,881,753	3,589	5.8	1,775,064	202.2
1916	71,349,162	5,193	7.3	66,371,691	4,737	7.1	2,511,805	188.6
1917	74,984,498	6,724	9.0	69,646,824	6,064	8.7	3,530,268	171.8
1918	81,333,675	7,525	9.3	79,536,574	7,310	9.2	4,715,317	155.0
1919	85,166,043	7,968	9.4	83,612,508	7,771	9.3	5,922,572	131.2
1920	87,632,592	9,103	10.4	86,179,774	8,878	10.3	7,440,420	119.3
1921	89,102,434	10,168	11.4	87,592,175	9,903	11.3	8,578,530	115.4
1922	93,866,240	11,666	12.4	92,540,579	11,466	12.4	10,374,993	110.5
1923	97,816,104	14,411	14.7	96,385,407	14,157	14.7	13,359,965	106.0
1924	100,082,062	15,528	15.5	98,471,683	15,221	15.5	15,714,878	96.9
1925	102,951,999	17,571	17.1	101,111,137	17,140	17.0	17,875,567	95.9
1926	104,938,301	18,871	18.0	102,991,160	18,419	17.9	19,838,947	92.8
1927	108,177,568	21,160	19.6	106,309,646	20,704	19.5	21,084,564	98.2
1928	114,258,516	23,765	20.8	113,050,663	23,427	20.7	23,126,127	101.3
1929	116,317,515	27,066	23.3	115,097,972	26,662	23.2	25,097,555	106.2
1930	118,560,800	29,080	24.5	117,338,000	28,084	24.4	25,350,499	113.1
1931	119,421,000	30,042	25.2	118,157,000	29,058	25.1	24,705,328	120.0
1932	120,122,200	26,350	21.9	118,858,000	26,033	21.9	23,085,036	112.8
1933 [1]	125,693,000	29,323	23.3	125,693,000	29,323	23.3	24,073,328	121.8

Year	Rural area of registration States			Cities in registration States			Cities in nonregistration States		
	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population
1911	26,901,350	306	1.1	27,383,839	844	3.1	4,897,882	141	2.9
1912	27,144,493	442	1.6	28,043,944	1,121	4.0	5,171,537	195	3.8
1913	29,108,597	687	2.4	29,126,518	1,554	5.3	4,965,510	247	5.0
1914	30,829,210	896	2.9	30,114,453	1,675	5.6	4,809,052	255	5.2
1915	31,078,193	1,226	3.9	30,803,560	2,363	7.7	5,213,928	389	7.5
1916	34,752,780	1,684	4.8	31,618,911	3,053	9.7	4,977,471	456	9.2
1917	36,926,787	2,174	5.9	32,718,037	3,890	11.9	5,337,674	660	12.4
1918	41,844,499	2,368	5.7	37,692,075	4,942	13.1	1,797,101	215	12.0
1919	44,604,983	2,508	5.6	38,947,525	5,263	13.5	1,553,535	197	12.7
1920	44,475,250	2,757	6.2	41,704,524	6,121	14.7	1,452,318	225	15.5
1921	45,670,088	3,368	7.5	42,522,087	6,535	15.4	1,510,259	265	17.5
1922	48,675,320	4,020	8.3	43,965,250	7,446	16.9	1,325,661	200	15.1
1923	50,867,586	5,209	10.2	45,517,821	8,948	19.7	1,430,697	254	17.8
1924	52,047,381	5,668	10.9	46,424,302	9,553	20.6	1,610,379	307	19.1
1925	53,580,742	6,509	12.1	47,530,395	10,640	22.4	1,840,862	422	22.9
1926	54,389,753	7,348	13.5	48,601,407	11,071	22.8	1,947,141	452	23.2
1927	56,613,922	8,452	14.9	49,695,724	12,252	24.7	1,867,922	456	24.4
1928	61,350,503	9,997	16.3	51,700,100	13,430	26.0	1,207,853	338	28.0
1929	62,421,794	11,797	18.9	52,676,178	14,865	28.2	1,219,543	404	33.1
1930	60,565,200	12,193	20.1	56,772,800	16,491	29.0	1,222,800	396	32.4
1931	60,302,100	12,702	21.1	57,854,900	16,956	29.3	1,264,200	384	30.4
1932	61,033,400	11,304	18.5	57,824,600	14,729	25.5	1,264,200	317	25.1
1933 [1]	65,411,700	13,267	20.3	60,281,300	16,056	26.6	(1)	(1)	(1)

[1] All States included in the registration area.

Sources: Bureau of the Census, Department of Commerce, and Bureau of Public Roads, Department of Agriculture.

No. 406.—AUTOMOBILE FATALITIES IN STATES AND LARGE CITIES HAVING DEATH REGISTRATION

NOTE.—Figures include all deaths from accidents caused by motor vehicles except motor cycles, but exclude deaths from collisions of automobiles with railroad trains and street cars. See table 08 for percent of total population included in the registration area for each year prior to 1933; in 1933 the entire population is included

State	Number of deaths						Rate per 100,000 estimated population					
	1921–1925, avg.	1926–1930, avg.	1930	1931	1932	1933	1921–1925, avg.	1926–1930, avg.	1930	1931	1932	1933
Registration area in continental United States	13,809	23,988	28,080	30,042	26,350	29,323	14.3	21.3	24.5	25.2	21.9	23.3
Registration States [1]	13,579	23,579	28,684	29,658	26,033	29,323	14.3	21.3	24.4	25.1	21.9	23.3
Cities [1]	8,624	13,622	16,491	16,956	14,729	16,056	19.1	26.3	29.0	29.3	25.5	26.6
Rural	4,955	9,957	12,193	12,702	11,304	13,267	9.9	16.9	20.1	21.1	18.5	20.3
Cities in nonregistration States	290	409	396	384	317	------	18.8	27.4	32.4	30.4	25.1	------
All registration cities [1]	8,914	14,031	16,887	17,340	15,046	16,056	19.1	26.3	29.1	29.3	25.5	26.6
REGISTRATION STATES												
Alabama	[2] 252	392	459	472	405	485	[2] 10.0	15.1	17.3	17.7	15.1	18.0
Arizona	(3)	143	181	149	162	147	(3)	34.2	41.3	33.6	36.2	32.5
Arkansas	(3)	[4] 242	306	313	260	280	(3)	[4] 13.1	16.5	16.8	13.9	15.0
California	1,131	1,828	2,193	2,367	2,198	2,233	27.0	34.5	38.3	40.5	37.0	36.8
Colorado	148	232	271	319	284	298	15.2	22.8	26.1	30.6	27.1	28.3
Connecticut	260	376	407	457	409	452	17.8	24.0	25.2	28.1	25.0	27.5
Delaware	36	64	74	76	79	84	15.8	27.1	31.0	31.7	32.9	34.0
Florida	217	479	563	518	485	494	10.0	34.6	38.0	34.4	31.7	31.8
Georgia	[5] 260	[6] 510	562	608	541	551	[5] 9.0	[6] 17.8	19.3	20.9	18.6	22.4
Idaho	[7] 46	87	109	88	86	117	[7] 10.5	19.7	24.5	19.7	19.2	26.2
Illinois	1,051	1,645	1,945	2,049	1,831	1,943	15.3	22.1	25.4	26.5	23.6	24.8
Indiana	399	772	965	1,023	845	979	13.1	24.2	29.7	31.4	25.8	29.7
Iowa	[8] 241	376	601	564	422	514	[8] 9.9	15.3	24.3	22.8	17.0	20.7
Kansas	193	322	439	402	386	482	10.7	17.3	23.3	21.3	20.4	25.4
Kentucky	167	357	477	514	441	504	6.7	13.8	18.2	19.5	16.7	19.0
Louisiana	162	332	371	412	341	395	8.5	16.2	17.6	19.4	15.9	18.3
Maine	83	127	159	159	149	190	10.7	16.0	19.9	19.9	18.6	23.7
Maryland	232	363	449	466	410	429	15.3	22.7	27.4	28.3	24.8	25.8
Massachusetts	609	732	779	813	777	801	15.3	17.5	18.3	19.0	18.1	18.6
Michigan	714	1,284	1,384	1,407	1,143	1,196	17.5	27.7	28.4	28.5	22.9	23.7
Minnesota	306	439	561	622	486	625	12.5	17.3	21.8	24.1	18.8	20.2
Mississippi	96	265	332	284	234	283	5.1	13.4	16.5	14.0	11.5	13.8
Missouri	391	605	739	844	600	770	11.2	16.8	20.3	23.1	18.9	21.0
Montana	60	100	100	118	96	115	11.0	18.5	18.6	21.9	17.9	21.4
Nebraska	119	224	286	291	212	283	9.0	16.4	20.7	21.0	15.3	20.3
Nevada	(3)	[9] 40	34	63	59	63	(3)	[9] 44.2	37.4	68.5	63.4	67.7
New Hampshire	59	83	103	100	70	135	13.1	18.0	22.1	21.4	15.0	28.8
New Jersey	643	1,040	1,211	1,229	1,105	1,147	18.6	26.7	29.8	29.9	26.6	27.4
New Mexico	(3)	[9] 104	111	95	97	102	(3)	[9] 24.7	26.1	22.2	22.5	23.5
New York	1,889	2,628	3,048	3,077	2,813	2,784	17.0	21.5	24.1	24.1	21.9	21.5
North Carolina	254	555	629	650	558	725	9.2	18.1	19.7	20.2	17.2	22.1
North Dakota	[10] 52	78	79	110	57	101	[10] 7.8	11.6	11.6	16.1	8.3	14.7
Ohio	988	1,706	2,019	1,970	1,822	1,829	16.3	26.3	30.3	29.3	27.0	26.9
Oklahoma	(3)	[5] 433	483	404	437	485	(3)	[6] 18.3	20.1	16.7	17.9	19.7
Oregon	125	221	253	292	223	249	14.9	23.9	26.4	30.2	22.9	25.3
Pennsylvania	1,405	2,011	2,422	2,412	2,043	2,190	15.6	21.2	25.1	24.9	21.0	22.4
Rhode Island	104	136	123	116	101	97	16.4	20.2	17.8	16.7	14.5	13.8
South Carolina	123	288	370	380	329	342	7.2	16.7	21.3	21.8	18.9	19.6
South Dakota	(3)	[11] 112	112	116	101	115	(3)	[11] 16.1	16.1	16.6	14.4	16.4
Tennessee	195	409	526	547	474	540	8.0	15.9	20.1	20.7	17.9	20.3
Texas	(3)	(3)	(3)	(3)	(3)	1,292	(3)	(3)	(3)	(3)	(3)	21.5
Utah	68	109	130	157	115	135	14.5	21.9	25.5	30.7	22.3	26.1
Vermont	42	62	71	71	63	70	11.8	17.3	19.7	19.7	17.5	19.4
Virginia	198	413	518	656	561	592	8.4	13.0	21.4	27.0	23.0	24.3
Washington	236	397	413	461	413	442	16.5	26.0	26.3	29.2	26.0	27.6
West Virginia	[2] 208	305	395	427	332	382	[2] 13.0	18.1	22.8	24.4	18.9	21.5
Wisconsin	306	568	712	731	624	627	11.2	19.7	24.2	24.7	21.0	21.0
Wyoming	[7] 51	65	72	98	78	87	[7] 24.7	29.5	31.9	43.0	34.1	37.7
REGISTRATION CITIES [12]												
Akron	39	82	100	77	80	85	18.0	34.3	39.1	29.3	30.3	32.1
Albany	28	40	43	45	35	37	23.7	32.0	37.6	34.9	27.1	28.5
Atlanta	53	76	87	95	99	105	23.5	29.2	32.0	34.2	35.7	37.4
Baltimore	130	188	206	226	201	185	17.1	23.7	25.5	27.8	24.7	22.6
Birmingham	46	63	70	82	75	80	22.3	25.6	26.8	30.4	27.9	29.3

For footnotes see following page.

No. 406.—Automobile Fatalities in States and Large Cities Having Death Registration—Continued

City	Number of deaths						Rate per 100,000 estimated population					
	1921–1925, avg.	1926–1930, avg.	1930	1931	1932	1933	1921–1925, avg.	1926–1930, avg.	1930	1931	1932	1933
Boston	132	138	120	148	151	143	17.4	17.8	15.3	18.8	19.2	18.2
Bridgeport	25	36	40	59	27	51	17.3	24.6	27.2	40.1	18.4	34.6
Buffalo	111	156	175	153	132	144	21.0	27.8	30.5	26.3	22.7	24.6
Chicago	597	795	841	953	846	882	20.4	24.4	24.8	27.6	24.5	25.3
Cincinnati	91	135	167	149	124	143	21.8	30.5	36.9	32.6	27.1	31.1
Cleveland	189	281	303	286	262	248	22.7	31.8	33.6	31.4	28.7	27.0
Columbus	54	99	135	121	99	109	21.1	35.0	46.3	40.9	33.5	36.4
Dallas	37	64	78	81	71	83	19.2	26.2	29.7	29.7	26.0	29.9
Dayton	28	61	71	75	58	70	16.6	31.7	35.2	36.7	28.3	33.9
Denver	44	63	80	86	86	97	16.5	22.3	27.7	29.5	29.5	33.1
Des Moines	[3] 19	33	46	43	45	43	[3] 14.2	23.6	32.2	29.8	31.1	29.6
Detroit	242	388	384	372	321	307	21.0	26.8	24.2	22.5	19.6	18.4
Flint	19	44	50	53	38	56	16.2	30.1	31.6	32.3	23.2	33.5
Fort Worth	[7] 21	43	56	55	56	45	[7] 15.3	27.3	34.1	32.9	33.4	26.6
Grand Rapids	28	38	47	36	29	23	19.1	23.2	27.8	21.0	16.9	13.3
Hartford	38	46	37	55	50	55	25.9	28.8	22.5	32.9	29.9	32.6
Houston	28	77	101	101	64	103	15.5	29.6	34.2	32.6	20.6	32.4
Indianapolis	58	110	134	156	99	124	17.5	31.0	36.7	42.2	26.8	33.3
Jacksonville	25	45	45	56	58	65	24.7	35.6	34.6	42.5	42.1	46.8
Jersey City	46	56	55	43	58	64	15.1	17.9	17.3	13.5	18.2	20.0
Kansas City, Kans	17	19	36	24	36	30	15.2	15.8	29.5	19.5	29.3	24.3
Kansas City, Mo	78	92	118	137	89	121	22.3	23.8	29.4	33.5	21.8	29.3
Long Beach	22	39	48	60	55	55	25.8	30.2	33.4	39.4	36.0	35.0
Los Angeles	220	365	417	488	486	466	27.6	32.2	33.3	37.0	36.8	34.4
Louisville	53	80	87	109	85	88	18.9	26.1	28.3	35.4	27.0	27.7
Memphis	41	75	87	100	101	116	23.4	36.2	34.3	38.6	39.0	44.4
Milwaukee	73	114	110	108	97	89	14.8	20.5	19.0	18.2	16.3	14.9
Minneapolis	68	88	110	114	91	98	16.7	19.6	23.6	24.1	19.2	20.5
Nashville	29	51	64	71	72	55	23.1	34.9	41.5	45.7	46.3	35.2
New Haven	34	49	45	51	53	45	20.9	30.1	27.7	31.3	32.6	27.7
New Orleans	64	108	120	126	91	120	15.5	24.2	26.1	27.0	19.5	25.5
New York	961	1,191	1,310	1,299	1,163	1,146	15.8	17.8	18.8	18.3	16.4	16.0
Newark, N. J	94	123	139	106	98	100	27.2	28.1	31.4	23.8	22.0	22.4
Norfolk	17	27	24	44	36	41	13.3	20.4	18.5	33.9	27.8	31.6
Oakland	44	74	111	101	64	68	18.4	27.2	38.9	34.6	21.9	23.0
Oklahoma City	15	44	76	55	66	62	12.2	26.1	40.5	27.9	33.3	30.8
Omaha	30	49	58	66	44	58	15.1	23.3	27.0	30.5	20.3	26.6
Paterson	39	50	50	52	56	57	28.5	36.2	36.1	37.5	40.3	41.0
Philadelphia	262	340	377	354	321	367	14.0	17.9	19.3	18.0	16.6	18.6
Pittsburgh	146	193	228	218	159	137	23.7	29.4	34.0	32.2	23.5	20.2
Portland, Oreg	40	61	71	95	74	83	14.7	20.8	23.4	30.9	24.1	26.9
Providence	56	69	72	52	51	48	23.1	27.6	28.4	20.4	20.0	18.8
Richmond	28	49	59	90	67	71	16.0	27.1	32.2	48.8	36.4	38.4
Rochester	48	67	80	76	62	45	15.6	20.8	24.3	22.9	18.7	13.5
St. Louis	164	177	175	180	156	149	20.8	21.8	21.3	21.7	18.8	17.9
St. Paul	45	61	76	87	84	70	18.2	23.0	27.9	31.5	30.4	25.2
Salt Lake City	28	42	44	50	58	46	22.3	30.8	31.3	35.0	40.5	31.9
San Antonio	30	58	66	63	50	68	16.2	26.4	28.3	26.2	20.8	27.9
San Diego	30	57	77	66	68	70	30.3	41.6	51.5	42.2	43.5	43.7
San Francisco	107	137	133	126	132	145	19.4	22.4	20.9	19.4	20.3	22.1
Scranton	30	38	44	36	32	42	21.5	26.7	30.6	25.0	22.2	29.1
Seattle	52	85	83	116	80	105	15.6	23.8	22.6	31.2	21.5	28.1
Springfield, Mass	22	35	46	33	28	30	16.1	23.9	30.6	21.7	18.4	19.6
Syracuse	37	53	61	70	39	49	20.3	26.1	29.0	32.8	18.3	22.8
Toledo	52	98	107	120	109	89	20.1	33.9	36.7	40.4	36.7	29.8
Trenton	32	48	57	56	41	56	26.5	39.1	46.2	45.2	33.1	45.1
Tulsa	(3)	[6] 39	50	33	34	33	(3)	[6] 29.4	35.2	22.6	23.3	22.3
Washington, D. C	80	117	138	161	186	142	17.6	24.5	28.3	32.8	37.7	28.7
Worcester	33	40	53	37	31	51	17.8	20.8	27.1	18.8	15.7	25.8
Yonkers	16	22	19	24	17	27	14.3	17.1	14.0	17.3	12.2	16.2
Youngstown	36	63	64	69	41	52	25.7	40.8	37.5	30.9	23.7	29.9

[1] Including the District of Columbia. All States were in the registration area in 1933.
[2] 1925 only.
[3] Not in registration area.
[4] Average, 1927–30.
[5] Average, 1922–24.
[6] Average, 1928–30.
[7] Average, 1922–25.
[8] Average, 1923–25.
[9] Average, 1929 and 1930.
[10] Average, 1924 and 1925.
[11] 1930 only.
[12] Only cities of over 120,000 inhabitants, according to 1930 census, are shown.

Source: Bureau of the Census, Department of Commerce.

20.—TRANSPORTATION, AIR AND LAND—STEAM AND ELECTRIC RAILWAYS, EXPRESS COMPANIES, AND CIVIL AERONAUTICS

[Data in this section relate to continental United States unless otherwise stated]

GENERAL NOTE.—The total steam railroad mileage of the United States includes: (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.

Class I companies make monthly reports and the yearly totals from these become available earlier than the sometimes slightly corrected totals from the final annual reports. The latest figures in these tables are in many cases from the monthly reports.

No. 407.—RAILWAY MILEAGE OWNED AND MILEAGE OPERATED CLASSIFIED BY TRACKAGE

NOTE.—Beginning with 1908 switching and terminal roads are omitted (they operate about 2,300 miles of main tracks). The first and second columns cover all railways, including "circular" and "unofficial" lines; the last five columns omit "circular" and "unofficial" lines. Mileage owned excludes all duplication and covers continental United States only. Mileage operated includes some duplication under trackage rights and some mileage in Canada operated by United States companies

Year	Miles of road (first track) owned	Miles operated					
		All railways: Road (first track)	Reporting railways				Class I railways: Road (first track)
			Road (first track)	Other main tracks	Yard track and sidings	Total track	
June 30, 1890	163,597	167,191	156,404	9,760	33,711	199,875	----------
1895	180,657	184,628	177,746	12,348	43,181	233,275	----------
1900	193,346	198,964	192,556	14,075	52,153	268,784	----------
1905	218,101	225,196	216,974	19,881	69,942	306,797	----------
1910	240,203	249,902	240,831	25,354	85,582	351,767	----------
1911	243,979	254,732	240,238	27,612	88,974	362,824	216,877
1912	246,777	258,033	249,852	29,367	92,019	371,238	220,063
1913	249,777	261,036	253,470	30,827	95,211	379,508	224,236
1914	252,105	263,547	256,547	32,376	98,285	387,208	226,909
1915	253,789	264,378	257,569	33,602	99,910	391,141	228,989
Dec. 31, 1916	254,037	266,381	259,705	34,325	102,984	397,014	231,674
1917	253,626	266,015	259,705	35,066	105,582	400,353	232,697
1918	253,529	264,233	258,507	36,228	107,608	402,343	233,145
1919	253,152	263,707	258,525	36,730	108,037	403,892	234,363
1920	252,845	263,821	259,941	36,894	109,744	406,579	235,234
1921	251,176	262,544	258,362	37,614	111,555	407,531	234,702
1922	250,413	261,984	257,425	37,888	114,046	409,359	234,976
1923	250,222	262,482	258,084	38,697	116,212	412,993	235,574
1924	250,156	262,158	258,238	39,916	116,874	415,028	235,894
1925	249,398	261,871	258,631	40,902	118,361	417,954	236,840
1926	249,138	261,562	258,815	41,686	120,840	421,341	237,054
1927	249,131	262,091	259,639	42,071	123,027	424,737	238,034
1928	249,309	262,713	260,546	42,432	124,772	427,750	240,747
1929	249,433	262,546	260,570	42,711	125,774	429,055	242,015
1930	249,052	262,215	260,440	42,742	126,701	429,883	242,391
1931	248,829	261,816	259,999	42,780	127,044	429,823	242,292
1932	247,595	260,438	258,869	42,556	126,977	428,402	241,424
1933	245,703	258,465	256,741	42,397	126,526	425,664	239,797
1934	243,857	256,418	254,882	42,109	125,410	422,401	238,555

Source: Interstate Commerce Commission.

No. 408.—RAILWAY MILEAGE OWNED: BY STATES

NOTE.—See headnote to table 407. The data are for the 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 since 1908 exclude switching and terminal roads

State	1860 [1]	1870 [1]	1880 [1]	1890	1900	1910 [2]	1920	1930	1932	1933
United States [3]	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,052	247,595	245,703
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,598	7,563	7,506
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	2,181	2,161
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,165	1,134	1,132
Vermont	554	614	914	921	1,012	1,100	1,077	1,056	1,051	1,035
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	2,016	1,999
Rhode Island	108	136	210	213	212	212	211	191	205	204
Connecticut	601	742	923	1,007	1,024	1,000	1,001	969	976	975
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,293	21,752	21,651	21,518
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,399	8,312	8,261	8,252
New Jersey	560	1,125	1,684	2,047	2,257	2,200	2,352	2,299	2,284	2,198
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,141	11,106	11,068
South Atlantic	5,978	7,349	9,789	18,270	23,362	29,795	32,380	31,644	31,327	30,923
Delaware	127	197	275	323	347	335	335	325	325	325
District of Columbia	[4]	[4]	[4]	30	32	36	36	36	37	38
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,443	1,438	1,439
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,473	4,418
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,046	4,109	3,981
North Carolina	937	1,178	1,456	3,001	3,831	4,932	5,522	5,161	4,998	4,964
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,751	3,726
Georgia	1,420	1,845	2,459	4,532	5,552	7,056	7,326	6,671	6,688	6,552
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,558	5,480
East North Central	9,583	14,701	25,109	36,924	41,007	44,928	44,904	43,770	43,076	42,787
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,604	8,587
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,106	7,089	7,062
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	12,500	12,411	12,349
Michigan	779	1,038	3,938	7,243	8,195	9,021	8,734	8,072	7,832	7,726
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,554	7,288	7,139	7,063
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,180	51,400	51,185	50,905
Minnesota		1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,709	8,699
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,808	9,698	9,625	9,579
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,117	7,897	7,914	7,867
North Dakota		[5] 65	[5] 1,225	1,941	2,731	4,201	5,311	5,275	5,275	5,276
South Dakota		[6]	[6]	2,486	2,850	3,948	4,276	4,238	4,220	4,218
Nebraska		705	1,953	5,295	5,885	6,067	6,166	6,174	6,159	6,105
Kansas		1,501	3,400	8,806	8,719	9,007	9,388	9,339	9,283	9,161
East South Central	3,392	4,656	6,343	11,144	13,343	17,074	17,754	17,452	17,170	16,934
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,929	4,054	3,901	3,821
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,921	3,903
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,378	5,249	5,226	5,184
Mississippi	862	990	1,127	2,332	2,920	4,506	4,369	4,209	4,122	4,076
West South Central	680	1,417	5,044	13,782	18,221	31,122	32,972	33,227	33,328	32,952
Louisiana	335	450	652	1,759	2,824	5,554	5,223	4,954	4,607	4,598
Texas	307	711	3,244	8,613	9,886	14,232	16,125	17,069	17,198	16,887
Oklahoma			289	1,214	2,151	5,980	6,572	6,678	6,741	6,733
Arkansas	38	256	859	2,196	3,360	5,306	5,052	4,826	4,782	4,764
Mountain		1,466	5,082	12,676	15,808	22,956	25,170	24,973	24,912	24,751
Montana			106	2,181	3,010	4,207	5,072	5,228	5,208	5,209
Wyoming		459	512	942	1,229	1,645	1,931	2,036	2,036	2,036
Colorado		157	1,570	4,176	4,587	5,533	5,519	4,972	4,956	4,952
New Mexico			758	1,324	1,753	3,032	2,972	2,973	2,992	2,956
Arizona			349	1,097	1,512	2,097	2,478	2,494	2,454	2,335
Utah		257	842	1,090	1,547	1,986	2,161	2,196	2,178	2,174
Nevada		593	739	925	909	2,277	2,160	2,109	2,155	2,157
Idaho			206	941	1,261	2,179	2,877	2,965	2,933	2,932
Pacific	23	1,084	2,992	7,567	10,389	14,982	17,248	17,238	17,384	17,347
Washington			289	1,783	2,914	4,875	5,687	5,542	5,448	5,443
Oregon		159	508	1,428	1,724	2,285	3,305	3,456	3,494	3,632
California	23	925	2,195	4,356	5,751	7,772	8,356	8,240	8,452	8,272
Alaska Territory					22	390	248	790	750	732
Hawaii Territory						175	243	232	228	229

[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

No. 409.—RAILWAY MILEAGE OWNED AND OPERATED

NOTE.—See note to table 407. *Since 1890 the columns* correspond to the first and third columns of that table. The exact basis of the data prior to 1890 is not stated. For years 1842 to 1889 and 1916 to date data relate to *Dec. 31; for years* 1890 to 1915 data relate to June 30

Year	Owned	Operated	Year	Owned	Operated	Year	Owned	Operated
1842		4, 026	1893	176, 401	169, 780	1914	252, 105	256, 547
1850		9, 021	1894	178, 709	175, 691	1915	253, 789	257, 569
1855		18, 374	1895	180, 657	177, 746	1916	254, 037	259, 705
1860		30, 626	1896	182, 777	181, 983	1917	253, 626	259, 705
1865		35, 085	1897	184, 428	183, 284	1918	253, 529	258, 507
1870		52, 922	1898	186, 396	184, 648	1919	253, 162	258, 525
1875		74, 096	1899	189, 295	187, 535	1920	252, 845	259, 941
1879		86, 556	1900	193, 346	192, 556	1921	251, 176	258, 362
1880		93, 262	1901	197, 237	195, 562	1922	250, 413	257, 425
1881		103, 108	1902	202, 472	200, 155	1923	250, 222	256, 084
1882		114. 677	1903	207, 977	205, 314	1924	250, 156	258, 238
1883		121, 422	1904	213, 904	212, 243	1925	249, 308	258, 031
1884		125, 345	1905	218, 101	216, 974	1926	249, 138	258, 815
1885		128, 320	1906	224, 363	222, 340	1927	249, 131	259, 039
1886		130, 338	1907	229, 951	227, 455	1928	249, 309	260, 546
1887		149, 214	1908	233, 468	230, 494	1929	249, 433	260, 570
1888		156, 114	1909	236, 834	235, 402	1930	249, 052	260, 440
1889		161, 276	1910	240, 293	240, 831	1931	248, 829	259, 999
1890	163, 597	156, 404	1911	243, 979	245, 238	1932	247, 595	258, 869
1891	168, 403	161, 276	1912	246, 777	249, 852	1933	245,703	256, 741
1892	171, 564	162, 397	1913	249, 777	253, 4 70	1934	243, 857	254, 882

Source: Poor's Manual of Railroads prior to 1890; Interstate Commerce Commission thereafter.

No. 410.—MILEAGE OPERATED AND EQUIPMENT: CLASS I CARRIERS

NOTE.—Mileage operated includes some duplication due to trackage rights and some mileage in Canada operated by United States companies. For car equipment in detail see table 414

Year ended Dec. 31	Mileage operated				Locomotives			Aggregate capacity of freight cars (1,000 tons)
	Road (first track)	Other main tracks	Yard track and sidings	Total track	Number, steam and electric	Tractive power, steam only		
						Aggregate (1,000 lbs.)	Average (lbs.)	
Total:								
1916	231, 674	34, 129	98, 334	364, 137	61, 332	2, 024, 119	33, 188	92, 280
1920	235, 234	36, 737	105, 408	377, 379	64, 746	2, 340, 761	36, 365	98, 348
1924	235, 894	39, 735	112, 253	387, 882	65, 358	2, 593, 178	39, 891	104, 149
1925	236, 849	40, 817	113, 873	391, 539	63, 974	2, 586, 868	40, 666	105, 570
1926	237, 054	41, 537	116, 353	394, 944	62, 761	2, 611, 238	41, 886	105, 953
1927	238, 834	41, 926	118, 054	399, 214	61, 344	2, 606, 171	42, 798	105, 846
1928	240, 747	42, 255	120, 479	403, 481	59, 441	2, 579, 043	43, 838	105, 322
1929	242, 015	42, 556	121, 882	406, 453	57, 537	2, 550, 813	44, 801	105, 411
1930	242, 391	42, 584	123, 024	407, 999	56, 493	2, 526, 940	45, 225	106, 180
1931	242, 202	42, 627	123, 318	408, 237	55, 055	2, 488, 861	45, 764	103, 422
1932	241, 424	42, 404	123, 241	407, 069	53, 217	2, 430, 328	46, 299	100, 901
1933	239, 797	[1] 42, 248	122, 863	404, 908	50, 802	2, 348, 821	46, 916	96, 734
Eastern district:								
1916	59, 175	20, 879	40, 056	120, 110	28, 179	958, 339	34, 333	47, 185
1920	59, 513	21, 734	42, 387	123, 634	29, 478	1, 102, 551	37, 762	49, 543
1925	59, 249	22, 882	45, 054	127, 185	28, 409	1, 193, 573	42, 408	51, 449
1930	60, 014	23, 131	46, 552	129, 697	24, 247	1, 108, 965	46, 531	50, 618
1931	59, 920	23, 057	46, 524	129, 501	23, 800	1, 095, 382	46, 042	49, 945
1932	59, 711	22, 892	46, 554	129, 157	22, 713	1, 057, 012	47, 628	49, 163
1933	59, 307	22, 648	46, 177	128, 132	21, 438	1, 012, 309	48, 427	47, 416
Southern district:								
1916	42, 753	3, 940	15, 695	62, 388	9, 754	323, 023	33, 165	15, 633
1920	43, 709	4, 436	17, 080	65, 315	10, 740	392, 332	36, 625	16, 980
1925	44, 241	5, 707	19, 199	69, 147	11, 158	457, 579	41, 112	18, 968
1930	46, 087	6, 377	21, 882	74, 346	10, 717	483, 145	45, 404	19, 871
1931	46, 105	6, 363	21, 877	74, 345	10, 529	478, 876	45, 812	19, 484
1932	45, 886	6, 348	21, 853	74, 087	10, 449	476, 606	45, 947	19, 183
1933	45, 500	6, 389	22, 052	74, 001	9, 981	462, 827	46, 727	17, 909
Western district:								
1916	129, 746	9, 310	42, 583	181, 639	23, 399	742, 757	31, 827	29, 463
1920	131, 922	10, 567	45, 941	188, 430	24, 528	845, 878	34, 584	31, 820
1925	133, 359	12, 228	49, 620	195, 207	24, 407	935, 716	38, 448	35, 153
1930	136, 290	13, 076	54, 590	203, 956	21, 529	934, 830	43, 682	35, 691
1931	136, 267	13, 207	54, 917	204, 391	20, 726	914, 603	44, 405	33, 993
1932	135, 827	13, 164	54, 834	203, 825	20, 055	896, 710	45, 002	32, 555
1933	134, 930	13, 211	54, 634	202, 775	19, 383	873, 685	45, 374	31, 409

[1] Includes second track, 36,583 miles; third track, 3,121 miles; fourth and other, 2,544 miles.

Source: Interstate Commerce Commission.

No. 411.—MILEAGE OF ROAD AND TRACKS OPERATED: CLASS I CARRIERS, BY DISTRICTS

NOTE.—Figures include some mileage in Canada operated by United States companies as follows: 1916, 2,097 miles; 1920, 1,949 miles; 1925, 3,087 miles; 1930, 2,898 miles; 1932, 2,878 miles; 1933, 2,770 miles, consisting of 1,616 miles of road, 501 miles of second main track, 72 miles of industrial tracks, and 581 miles of yard track and sidings. Figures also include some industrial tracks as follows: 1925, 20,407 miles; 1930, 21,094 miles; 1932, 21,585 miles; 1933, 21,601 miles

District and year ended Dec. 31	Total, all tracks	Road (first main track)	Second main track	Third main track	Fourth and other main tracks	Yard track and sidings	Electrified mileage			
							Total track	Road (first main track)	Other main tracks	Yard track and sidings
All districts:										
1916	364,137	231,674	29,223	2,716	2,190	98,334	[1]	[1]	[1]	[1]
1920	377,379	235,234	31,512	2,936	2,289	105,408	3,132	1,449	900	783
1925	391,539	236,848	35,260	3,111	2,506	113,874	[2] 3,598	[2] 1,674	972	952
1930	407,999	242,391	36,755	3,239	2,590	123,024	5,008	2,381	1,432	1,285
1932	407,069	241,424	36,678	3,162	2,564	123,241	5,389	2,410	1,596	1,383
1933	404,908	239,797	36,583	3,121	2,544	122,863	5,462	2,399	1,668	1,395
Eastern district:										
1916	120,110	59,175	16,666	2,408	1,805	40,056	[1]	[1]	[1]	[1]
1932	129,157	59,711	18,186	2,689	2,017	46,554	3,460	1,274	1,314	872
1933	128,132	59,307	17,996	2,656	1,996	46,177	3,563	1,283	1,403	877
Southern district:										
1916	62,389	42,753	3,725	43	173	15,695	[1]	[1]	[1]	[1]
1932	74,087	45,386	5,003	135	310	21,853	661	266	196	199
1933	74,001	45,560	5,028	140	321	22,052	661	265	191	205
Western district:										
1916	181,638	129,746	8,832	265	212	42,583	[1]	[1]	[1]	[1]
1932	203,825	135,827	12,589	338	237	54,834	1,268	870	86	312
1933	202,775	134,930	12,659	325	227	54,634	1,238	851	74	313

[1] Data not available.
[2] Does not include 43 miles of electric street railways operated by Boston & Maine R. R.

No. 412.—RAILWAY EQUIPMENT INSTALLED AND RETIRED FROM SERVICE: CLASS I CARRIERS

NOTE.—"Installed" includes new and used equipment purchased; equipment leased from others; the return to service of equipment that was leased to others; equipment rebuilt or converted; and units (except locomotives) transferred from one class of service to another. "Retired" includes equipment permanently withdrawn from transportation service; equipment leased to others; the return of leased equipment to the owning companies; equipment rebuilt or converted; and units (except locomotives) transferred from one class of service to another

Year ended—	Locomotives		Freight-train cars		Passenger-train cars	
	Number installed	Number retired	Number installed	Number retired	Number installed	Number retired
June 30, 1910	3,073	1,452	134,593	75,652	3,505	1,914
1911	3,694	1,468	125,532	68,031	4,250	1,701
1912	2,861	1,858	97,972	69,876	3,060	1,387
1913	4,381	2,338	162,070	96,825	2,823	1,842
1914	3,245	1,862	150,813	96,985	3,029	1,854
1915	1,114	1,507	86,012	90,347	2,664	1,385
1916	1,475	2,576	88,254	109,996	1,261	2,156
Dec. 31, 1917	2,148	1,423	117,210	62,253	2,535	1,671
1918	2,803	977	65,249	56,024	1,817	1,051
1919	2,062	999	76,019	43,274	435	670
1920	1,017	1,254	36,044	75,197	621	885
1921	1,330	1,130	63,400	69,245	1,081	929
1922	1,226	1,682	105,394	120,471	1,328	1,286
1923	4,360	3,746	232,060	213,789	2,658	2,360
1924	2,786	2,529	156,572	118,590	2,755	2,295
1925	1,600	2,873	139,083	128,573	3,230	3,569
1926	[1] 1,882	[1] 3,105	93,369	103,152	3,455	3,309
1927	[1] 1,542	[1] 2,976	73,254	96,991	2,646	3,612
1928	[1] 1,017	[1] 3,047	62,945	90,707	2,524	3,252
1929	[1] 1,229	[1] 3,134	94,946	115,869	2,663	3,499
1930	[1] 1,160	[1] 2,204	81,038	82,101	1,900	2,036
1931	[1] 482	[1] 1,802	14,910	82,828	697	1,938
1932	[1] 477	[1] 2,316	8,545	69,394	579	1,928
1933	[1] 208	[1] 2,681	6,410	117,268	607	3,443

[1] Excludes units transferred from one class of service to another.

Source of tables 411 and 412: Interstate Commerce Commission.

No. 413.—RAILWAY EQUIPMENT IN SERVICE, ALL REPORTING COMPANIES

NOTE.—"All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads beginning with 1910 and smaller roads during recent years; they would not be materially different if all carriers were included. The large number of cars owned by private car lines is not included

Year	Locomotives					Freight-train cars [1]			Passenger-train cars
	Total number	Steam			Electric locomotive units [2]	Total number	Capacity		
		Number	Tractive effort				Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lbs.)	Average (lbs.)					
June 30, 1900	37,663	-------	-------	-------	------	1,365,531	-------	-------	34,713
1910	60,010	-------	1,588,894	27,282	------	2,148,478	76,579	35.9	47,179
Dec. 31, 1916	65,595	65,253	[3] 2,066,166	[3] 32,890	342	2,329,475	[4] 94,441	[4] 40.8	55,103
1917	66,070	65,699	[3] 2,087,950	[3] 33,932	371	2,379,472	[5] 95,467	[5] 41.5	55,939
1918	67,935	67,563	[3] 2,223,246	[3] 34,995	373	2,397,943	[5] 96,767	[5] 41.6	56,011
1919	68,977	68,592	[3] 2,312,634	[3] 35,780	385	2,426,889	[5] 99,001	[5] 41.9	56,290
1920	68,942	68,554	[3] 2,340,761	[3] 36,365	388	2,388,424	[5] 98,343	[5] 42.4	56,102
1921	69,122	68,733	[3] 2,385,470	[3] 36,985	389	2,378,510	[5] 98,504	[5] 42.5	56,950
1922	68,518	68,121	[3] 2,401,452	[3] 37,441	397	2,352,483	[5] 98,847	[5] 43.1	56,827
1923	69,414	69,005	[3] 2,544,115	[3] 39,177	409	2,379,131	[5] 101,318	[5] 43.8	57,189
1924	69,486	69,114	[3] 2,593,178	[3] 39,891	372	2,411,627	[5] 104,149	[5] 44.3	57,451
1925	68,092	67,713	[3] 2,586,868	[3] 40,666	379	2,414,083	[5] 105,570	[5] 44.8	56,814
1926	66,816	66,381	[3] 2,611,238	[3] 41,886	435	2,403,967	[5] 105,953	[5] 45.1	56,855
1927	65,348	64,843	[3] 2,605,171	[3] 42,798	467	2,378,800	[5] 105,846	[5] 45.5	55,729
1928	63,311	62,642	[3] 2,579,643	[3] 43,838	617	2,346,751	[5] 105,322	[5] 45.8	54,800
1929	61,257	60,572	[3] 2,550,813	[3] 44,801	621	2,323,683	[5] 105,411	[5] 46.3	53,838
1930	60,189	59,406	[3] 2,526,940	[3] 45,225	663	2,322,267	[5] 106,180	[5] 46.6	53,584
1931	58,652	57,820	[3] 2,488,861	[3] 45,764	709	2,245,904	[5] 103,422	[5] 47.0	52,096
1932	56,732	55,831	[3] 2,430,328	[3] 46,299	764	2,184,690	[5] 100,901	[5] 47.0	50,598
1933	54,228	53,202	[3] 2,348,821	[3] 46,916	789	2,072,632	[5] 96,734	[5] 47.5	47,677

[1] Excludes caboose cars.
[2] Figures prior to 1928 represent "number of locomotives."
[3] Class I, class II, and class III roads.
[4] Class I and class II roads.
[5] Class I roads.

No. 414.—CLASSIFICATION OF RAILWAY CARS IN SERVICE

NOTE.—Figures for "All operating companies" include switching and terminal companies but not circular and unofficial lines. Cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies, are not included

	All operating companies					Class I, 1933			
	1920	1925	1930	1932	1933	Total	Eastern district	Southern district	Western district
Freight cars [1]	2,388,424	2,414,083	2,322,267	2,184,690	2,072,632	2,034,886	949,637	376,720	708,529
Box	1,050,514	1,080,502	1,064,652	992,013	930,488	926,045	406,466	145,150	374,429
Flat	117,604	113,662	108,181	100,465	95,453	86,968	19,074	17,727	50,167
Stock	81,678	87,452	84,460	78,504	75,642	74,986	12,603	7,033	55,350
Coal	968,034	979,483	930,624	886,228	850,852	833,667	489,373	194,506	149,788
Tank	11,130	12,151	10,981	10,142	9,992	8,900	27	21	8,852
Refrigerator	60,768	49,488	41,006	37,697	32,370	32,271	2,793	4,951	24,527
Other	92,696	85,385	82,363	79,641	77,835	72,049	19,301	7,332	45,416
Steel [2]	630,150	757,005	854,864	834,924	816,548	816,548	539,425	155,302	121,821
Steel underframe [2]	886,296	1,056,125	1,118,257	1,078,353	1,038,276	1,038,276	389,920	180,366	467,990
Caboose cars	29,575	31,325	29,779	28,576	27,316	26,445	11,001	5,167	10,277
Passenger-train cars	56,102	56,814	53,584	50,598	47,677	48,510	23,378	8,915	16,217
Coaches	29,343	28,744	25,178	23,421	22,218	21,729	12,072	3,027	6,630
Combination	8,570	8,624	8,252	7,945	7,493	6,932	2,865	1,190	2,877
Emigrant	11	7	-------	-------	-------	-------	-------	-------	-------
Parlor	574	502	507	485	470	464	75	62	327
Sleeping [3]	568	377	223	208	192	192	7	4	181
Baggage and express	12,101	13,174	12,981	12,313	11,204	11,215	5,546	1,581	4,088
Postal	1,243	1,092	954	963	949	947	371	188	388
Other	3,702	4,294	5,489	5,263	5,061	5,031	2,442	863	1,726
Steel [2]	15,111	21,190	29,041	29,230	28,747	28,747	16,054	3,667	9,026
Steel underframe [2]	6,573	9,369	10,376	10,250	9,637	9,637	4,911	1,584	3,142
Company service equipment	108,485	112,592	109,527	99,557	90,565	87,376	28,509	15,601	43,266
Motor cars and trailers [2]	(4)	2,469	5,594	5,713	5,179	5,179	3,818	412	949

[1] Excludes caboose cars.
[2] Data *represent class I roads only.*
[3] Does not include cars owned by Pullman Co.
[4] Data *not* available.

Source of tables 413 and 414: Interstate Commerce Commission.

No. 415.—EMPLOYEES OF RAILWAYS: NUMBER AND COMPENSATION[1]

Year ended—	All operating carriers: Average number of employees	All operating carriers: Total yearly compensation (1,000 dollars)	All operating carriers: Average compensation: Per hour[2]	All operating carriers: Average compensation: Per year
June 30:				
1890	749,301			
1895	785,034	445,508		$568
1900	1,017,663	577,265		567
1901	1,071,169	610,714		570
1902	1,189,315	676,029		568
1903	1,312,537	757,321		577
1904	1,296,121	817,509		631
1905	1,382,196	839,945		608
1906	1,521,355	900,892		592
1907	1,672,074	1,072,386		641
June 30:				
1908	1,436,275	1,035,438		$721
1909	1,502,823	988,324		658
1910	1,699,420	1,143,725		673
1911	1,669,809	1,208,466		724
1912	1,716,380	1,252,348		730
1913	1,815,239	1,373,831		757
1914	1,710,296	1,381,117		808
1916	1,654,075	1,403,968	$0.266	849
Dec. 31:				
1916	1,700,814	1,506,961	.275	886

Year ended Dec. 31—	All operating carriers: Average number of employees	Class I carriers: Average number of employees	Class I carriers: Total hours (thousands)	Class I carriers: Total yearly compensation (1,000 dollars)	Class I carriers: Average hours per employee	Class I carriers: Average compensation: Per hour[2]	Class I carriers: Average compensation: Per year
1916	1,700,814	1,647,007	5,189,791	1,468,576	3,150.9	$0.283	$892
1917	1,785,893	1,732,876	5,437,977	1,739,482	3,138.1	.320	1,004
1918[3]	1,891,517	1,841,575	5,701,417	2,613,813	3,095.9	.458	1,419
1919[3]	1,960,439	1,913,422	5,032,493	2,843,128	2,630.1	.565	1,486
1920	2,075,886	2,022,832	5,446,741	3,681,801	2,692.6	.676	1,820
1921	1,705,308	1,659,513	4,147,319	2,765,218	2,499.1	.667	1,666
1922	1,669,640	1,626,834	4,311,097	2,640,817	2,650.0	.613	1,623
1923	1,902,222	1,857,674	4,928,651	3,004,072	2,653.1	.610	1,617
1924	1,795,493	1,751,302	4,534,879	2,825,775	2,589.3	.623	1,613
1925	1,786,411	1,744,311	4,531,361	2,860,600	2,597.8	.631	1,640
1926	1,821,804	1,779,275	4,671,736	2,946,114	2,625.6	.631	1,656
1927	1,775,549	1,735,105	4,519,281	2,910,183	2,604.6	.644	1,677
1928	1,691,950	1,656,411	4,313,574	2,826,590	2,604.2	.655	1,706
1929	1,694,042	1,660,850	4,346,822	2,896,566	2,617.2	.666	1,744
1930	1,517,043	1,487,839	3,759,772	2,550,789	2,527.0	.678	1,714
1931	1,282,825	1,258,719	3,039,110	2,094,994	2,414.4	.689	1,664
1932	1,052,235	1,031,703	2,378,206	1,512,816	2,305.1	.636	1,466
1933	990,839	971,196	2,233,045	1,403,841	2,299.3	.629	1,445
1934	1,027,426	1,007,702	2,393,899	1,519,352	2,375.6	.635	1,508

[1] Data exclude switching and terminal companies beginning 1910. Class III roads are excluded in 1913. Exclusion of the latter has practically no effect on the comparability of the figures. Information for 1915 is incomplete, as 20 of the larger railways did not report, and is not shown.
[2] Calculated for all classes of employees, including those not paid on an hourly basis.
[3] Data cover Federal reports, reports of companies not under Federal control, and corporate reports.

Source: Interstate Commerce Commission.

No. 416.—EMPLOYEES AND THEIR COMPENSATION: CLASS I CARRIERS

NOTE.—Data relate to years ended Dec. 31. Class I switching and terminal companies are included

District or class	Average number of employees: 1933	Average number of employees: 1934	Total compensation (1,000 dollars): 1933	Total compensation (1,000 dollars): 1934	Average per day or hour, straight time (dollars): 1933	Average per day or hour, straight time (dollars): 1934	Average per month total compensation (dollars): 1933	Average per month total compensation (dollars): 1934
All employees, all districts	986,573	1,025,155	1,427,293	1,544,220				
Daily basis	86,952	87,386	207,512	214,574	7.54	7.63	199	205
Hourly basis	899,621	937,769	1,219,781	1,329,646	.588	.595	199	118
Eastern district	451,684	467,581	646,541	702,880				
Daily basis	41,892	42,124	92,230	97,298	7.08	7.22	183	192
Hourly basis	409,792	425,457	554,311	605,582	.619	.625	113	119
Southern district	182,325	188,752	254,018	272,764				
Daily basis	14,510	14,613	37,498	38,332	8.00	8.09	215	219
Hourly basis	167,815	174,139	216,520	234,432	.540	.550	108	112
Western district	352,564	368,822	526,734	568,626				
Daily basis	30,550	30,649	77,784	78,944	7.93	7.95	212	215
Hourly basis	322,014	338,173	448,950	489,682	.576	.583	116	121

No. 416.—Employees and Their Compensation: Class I Carriers—Con.

District or class	Average number of employees		Total compensation (1,000 dollars)		Average per day or hour, straight time (dollars)		Average per month, total compensation (dollars)	
	1933	1934	1933	1934	1933	1934	1933	1934
Executives, officials, and staff assistants	12,465	12,252	62,882	62,521				
Daily basis	12,465	12,252	62,882	62,521	16.22	16.18	420	425
Professional, clerical, and general	168,507	168,224	263,067	277,028				
Daily basis	37,100	37,340	78,624	82,571	7.02	7.14	177	184
Hourly basis	129,407	130,884	184,443	194,457	.537	.594	119	124
Maintenance of way and structures	200,415	211,126	180,186	208,110				
Daily basis	3,630	3,773	9,372	10,046	8.28	8.35	215	222
Hourly basis	196,785	207,353	170,814	196,064	.417	.427	72	79
Maintenance of equipment and stores	285,925	289,591	334,159	376,603				
Daily basis	9,431	9,668	24,177	26,017	7.99	8.17	214	224
Hourly basis	256,494	270,923	309,982	350,586	.578	.589	101	108
Transportation (other than train service, engine, and yard)	125,493	127,017	165,154	170,540				
Daily basis	20,617	20,523	22,169	22,341	3.16	3.20	90	91
Hourly basis	104,876	106,494	142,985	148,199	.542	.547	114	116
Transportation (yardmasters, switch tenders, and hostlers)	12,628	12,961	25,083	26,509				
Daily basis	3,709	3,830	10,288	11,077	7.95	8.09	231	241
Hourly basis	8,919	9,131	14,795	15,432	.620	.628	138	141
Transportation (train and engine service)	203,140	212,984	396,762	424,908				
Hourly basis	203,140	212,984	396,762	424,908	.765	.774	183	166

No. 417.—RECEIVERSHIPS OF RAILWAYS

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 bonds (1,000 dollars)		Number	Mileage operated	Number	Miles	Stocks and bonds (1,000 dollars)
1881			5	110	3,742	1908	52	9,529	24	8,009	596,359
1882			12	912	39,074	1909	44	10,530	5	859	78,095
1883			11	1,990	108,470	1910	39	5,257	7	735	51,428
1884			37	11,038	714,755						
1885			44	8,836	385,460	1911	39	4,593	5	2,606	210,607
						1912	44	9,786	13	3,784	182,112
1886			13	1,799	70,346	1913	49	10,286	17	9,020	477,781
1887			9	1,046	90,318	1914	68	18,608	22	4,222	199,571
1888			22	3,270	186,814	1915	85	30,223	12	20,143	1,070,309
1889			22	3,803	99,664						
1890			26	2,963	105,007	1916	80	34,804	9	4,439	208,160
						1917	82	17,376	19	2,486	61,170
1891			28	2,159	84,470	1918	74	19,208	8	3,519	242,091
1892			36	10,508	357,692	1919	65	16,590	7	244	11,887
1893			74	29,340	1,781,046	1920	61	16,290	10	541	21,620
1894	192	40,819	38	7,025	395,791						
1895	169	37,856	31	4,089	369,076	1921	68	13,512	14	1,744	63,872
						1922	64	15,259	12	4,330	329,115
1896	151	30,475	34	5,441	275,597	1923	64	12,023	10	2,218	87,914
1897	128	13,862	18	1,537	92,909	1924	61	8,105	11	920	30,223
1898	94	12,745	18	2,009	138,701	1925	53	18,087	8	11,363	680,422
1899	71	9,853	10	1,019	52,285						
1900	52	4,178	16	1,165	78,234	1926	45	17,032	6	88	2,821
						1927	40	16,752	6	924	45,237
1901	45	2,497	4	73	1,627	1928	33	5,256	1	19	529
1902	27	1,475	5	278	5,835	1929	29	5,703	3	634	30,981
1903	27	1,185	9	229	18,823	1930	30	9,486	4	4,752	277,324
1904	28	1,323	8	744	36,069						
1905	26	796	10	3,593	176,321	1931	45	12,970	19	5,195	432,152
						1932	55	22,545	13	11,817	626,577
1906	34	3,971	6	204	55,042	1933 [2]	78	41,698	32	25,124	1,750,397
1907	29	3,926	7	317	13,585	1934 [2]	80	42,168	4	1,016	51,074

[1] Data relate to June 30 prior to 1916, Dec. 31 thereafter. [2] Includes roads under trusteeship.

Sources: Table 416, Interstate Commerce Commission; table 417, first two columns and all data beginning with 1933, Interstate Commerce Commission; other data. The Railway Age, Chicago.

No. 418.—CAPITALIZATION OF RAILROADS: ALL REPORTING COMPANIES

NOTE.—**All amounts except "per mile of road" in millions of dollars.** Switching and terminal companies excluded beginning with 1910; their total capitalization in 1933 was $827,754,687. Figures include both operating and nonoperating railways. The gross figures include considerable amounts of securities held by the companies issuing them as well as larger amounts held by other railway companies

Year	Total capitalization				Held by railroads		Net capitalization				
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road (dollars)	Stock	Funded debt	Funded debt, per cent of total
June 30, 1890	8,984	3,803	606	4,575	964	443	7,577	----------	3,445	4,132	54.5
1900	11,491	4,522	1,323	5,645	1,470	473	9,548	----------	4,375	5,172	54.2
1910	18,417	6,710	1,403	10,303	2,555	1,486	14,376	62,819	5,559	8,817	61.3
Dec. 31, 1916	21,049	7,594	1,455	12,000	2,633	2,084	16,333	66,591	6,416	9,917	60.7
1918	20,785	7,249	1,806	11,730	2,323	2,008	16,454	66,893	6,732	9,722	59.1
1919	20,950	7,193	1,808	11,859	2,314	2,086	16,550	67,170	6,777	9,773	59.1
1920	21,891	7,216	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
1921	22,292	7,275	1,800	13,216	2,402	2,807	17,083	69,816	6,673	10,409	60.9
1922	22,290	7,307	1,834	13,149	2,390	2,621	17,280	70,899	6,751	10,528	60.9
1923	22,839	7,398	1,852	13,589	2,402	2,626	17,810	73,417	6,847	10,963	61.6
1924	23,636	7,539	1,935	14,162	2,668	2,766	18,202	75,322	6,806	11,396	62.6
1925	23,644	7,602	1,937	14,105	2,654	2,800	18,190	74,460	6,885	11,305	62.1
1926	23,677	7,560	1,925	14,192	2,654	2,789	18,234	74,398	6,831	11,403	62.5
1927	23,615	7,633	1,980	13,952	2,907	2,571	18,137	73,984	6,756	11,381	62.7
1928	23,747	7,809	2,034	13,904	2,759	2,477	18,511	75,316	7,084	11,427	61.7
1929	23,983	7,853	2,065	14,065	2,705	2,598	18,680	75,598	7,213	11,467	61.4
1930	24,331	8,009	2,074	14,248	2,897	2,368	19,066	77,343	7,186	11,880	62.3
1931	24,343	8,030	2,049	14,264	2,968	2,434	18,941	76,822	7,111	11,830	62.5
1932	24,337	8,067	2,047	14,723	3,056	2,887	18,894	76,957	7,058	11,836	62.6
1933	24,723	8,057	2,042	14,624	2,924	2,968	18,831	77,214	7,175	11,656	61.9

No. 419.—RAILWAY STOCK OUTSTANDING, DIVIDENDS, AND INTEREST

NOTE.—Data relate to years ending June 30 prior to 1916 and to calendar years thereafter. Nonoperating as well as operating roads are included. Switching and terminal roads are excluded beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1913 excludes the unimportant class III roads. The amount of stock shown in the first column is exclusive of stock held by the issuing company, but includes that held by other railway companies

Year or yearly average	Stock			Dividends			Interest accrued on funded debt (1,000 dolls.)
	Actually outstanding (1,000 dolls.)	Paying dividends (1,000 dolls.)	Per cent paying dividends	Amount declared (1,000 dolls.)	Per cent on stock paying dividends	Per cent 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
1910	8,010,730	5,412,578	66.71	405,771	7.50	5.00	390,582
1911	8,363,276	5,730,250	67.65	460,195	8.03	5.42	410,327
1912	8,552,447	5,581,289	64.73	400,315	7.17	4.64	429,027
1913	8,599,993	5,780,982	66.14	369,078	6.37	4.22	434,753
1914	8,654,215	5,667,073	64.39	451,653	7.97	5.13	442,595
1915	8,635,319	5,219,847	60.45	328,478	6.29	3.80	464,186
1916	8,755,404	5,430,123	62.02	366,561	6.75	4.19	481,426
1917	9,003,797	5,610,774	62.32	381,852	6.81	4.24	474,123
1918	8,846,717	5,138,851	58.09	339,186	6.60	3.83	468,286
1919	8,883,125	5,298,321	59.64	335,242	6.33	3.77	476,075
1920	8,843,100	5,075,040	57.30	331,103	6.52	3.74	500,354
1921	8,889,921	5,059,844	56.92	456,482	9.02	5.13	529,398
1922	8,961,637	5,321,347	59.38	338,806	6.37	3.78	538,594
1923	9,092,933	5,646,076	62.09	411,882	7.30	4.53	551,705
1924	9,300,054	6,042,268	64.97	385,130	6.37	4.14	568,301
1925	9,413,101	6,278,532	66.70	409,645	6.52	4.35	583,875
1926	9,365,272	6,473,280	69.12	473,683	7.32	5.06	581,709
1927	9,539,491	6,701,427	70.25	567,281	8.47	5.95	583,452
1928	9,722,079	7,159,989	73.65	510,018	7.12	5.25	578,831
1929	9,847,311	7,506,265	76.23	560,902	7.47	5.70	580,770
1930	10,011,538	7,702,021	76.93	603,150	7.83	6.02	588,742
1931	10,008,413	7,325,664	73.20	401,463	5.48	4.01	592,866
1932	10,042,762	3,298,822	32.85	150,774	4.57	1.50	591,340
1933	10,027,092	3,119,282	31.11	158,790	5.09	1.58	590,230

Source of tables 418 and 419: Interstate Commerce Commission.

No. 420.—RAILWAY SECURITIES ACTUALLY OUTSTANDING

NOTE.—All figures in thousands of dollars. Capital actually outstanding represents securities in the hands of the public or of railway companies other than those issuing same; securities held by or for the issuing company are excluded. Switching and terminal companies are not included.

Security and year ended Dec. 31—	All railroads				Class I	Class II	Class III	Non-operating subsidiaries
	All districts	Eastern district	Southern district	Western district				
Total:								
1920	20,098,046	7,881,150	3,004,582	9,212,314	16,855,230	537,113	107,269	2,598,434
1925	21,734,096	8,527,168	3,444,426	9,762,502	18,098,164	437,022	86,157	3,112,753
1930	22,782,889	9,128,919	3,658,575	9,995,395	19,006,276	349,079	64,814	3,362,720
1932	22,831,546	9,257,589	3,603,531	9,970,426	19,014,438	354,884	59,315	3,402,909
1933	22,656,920	9,178,360	3,594,098	9,944,462	18,846,113	345,554	56,820	3,408,733
Stock:								
1920	8,843,100	3,474,212	1,166,809	4,202,079	7,209,735	286,088	67,247	1,279,430
1925	9,413,101	3,771,338	1,324,472	4,317,291	7,633,456	253,208	56,452	1,469,985
1930	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	45,068	1,491,785
1932	10,042,762	4,331,217	1,464,714	4,246,831	8,245,137	222,529	41,595	1,533,501
1933	10,027,092	4,330,777	1,456,293	4,240,022	8,232,658	218,703	39,819	1,535,912
Funded debt:								
1920	11,254,946	4,406,938	1,837,773	5,010,235	9,645,495	250,425	40,022	1,319,004
1925	12,320,995	4,755,830	2,119,954	5,445,211	10,464,708	183,814	29,705	1,642,768
1930	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1932	12,788,784	4,926,372	2,138,817	5,723,596	10,769,301	132,355	17,720	1,869,408
1933	12,629,828	4,847,583	2,077,805	5,704,440	10,613,455	126,851	16,701	1,872,821
1933								
Common stock	8,000,466	3,659,638	1,249,804	3,091,144	6,367,643	204,388	38,741	1,389,694
Preferred stock	2,026,626	671,239	206,489	1,148,898	1,865,015	14,315	1,078	146,218
Mortgage bonds	9,992,011	3,772,578	1,690,914	4,528,519	8,144,826	118,503	13,920	1,714,762
Collateral trust bonds	706,378	389,937	145,745	260,696	733,708	2,421	914	59,335
Income bonds	329,800	23,788	9,380	296,632	310,951	2,115	632	16,102
Miscellaneous obligations	859,440	384,393	82,002	393,046	800,709	2,054	1,205	54,572
Equipment obligations	652,199	276,887	149,764	225,548	623,261	858	30	28,050

No. 421.—PROPERTY INVESTMENT, INCOME, INTEREST, AND DIVIDENDS: REPORTED BY OPERATING ROADS

NOTE.—All figures, except as indicated, in thousands of dollars. Investment is as reported by the carrier and should not be confused with the tentative valuation fixed by the Interstate Commerce Commission. It relates only to railway property, but includes leased lines, which are not included, however, under the other columns. All data exclude switching and terminal companies.

Year ended—	Investment [1]	Investment per mile of road	Net railway operating income	Return on investment	Other income	Interest, rents, and other deductions	Dividends declared
		Dollars		*Per cent*			
June 30, 1908	13,213,767	61,779	634,794	4.80	246,420	485,311	329,062
1910 [2]	14,557,816	64,382	805,097	5.53	222,915	511,417	351,202
1915	17,441,420	73,208	694,276	3.98	189,300	575,198	264,267
Dec. 31, 1916	17,842,777	74,466	1,058,506	5.93	213,324	623,180	311,876
1917	18,574,298	77,163	950,557	5.12	[3] 233,252	[3] 574,290	325,601
1918	18,984,756	78,820	646,223	3.40	(4)	[3] 667,588	279,929
1919	19,300,121	79,974	454,132	2.35	(4)	[3] 630,559	281,569
1920	19,849,320	81,954	12,101	.06	(4)	[3] 640,516	276,348
1921	20,329,224	84,530	601,139	2.96	[3] 375,001	[3] 662,375	403,991
1922	20,580,168	86,004	769,411	3.74	[3] 265,033	[3] 655,647	276,722
1923	21,372,858	89,619	974,918	4.56	[3] 260,655	[3] 667,616	353,127
1924	22,182,267	93,233	984,463	4.44	[3] 269,188	[3] 684,559	326,983
1925	23,217,209	94,917	1,136,728	4.89	272,102	706,272	349,089
1926	23,880,740	97,433	1,229,020	5.15	301,541	718,984	411,208
1927	24,453,871	99,546	1,077,843	4.41	314,396	722,485	503,140
1928	24,875,984	100,974	1,182,467	4.75	323,310	720,776	436,217
1929	25,465,036	103,197	1,262,636	4.96	362,363	728,428	495,245
1930	26,051,000	105,661	874,154	3.36	361,196	716,730	511,259
1931	26,094,899	105,953	526,204	2.02	307,785	708,622	333,986
1932	26,086,991	106,337	325,332	1.25	226,092	701,500	97,245
1933	25,901,902	106,437	477,326	1.84	213,592	703,745	98,443

[1] Prior to 1925 figures include investment of leased lines and exclude investment of proprietary companies not rendering annual reports. Beginning with 1925, the investment in road and equipment of proprietary companies is included as follows: 1925, $480,216,000; 1926, $831,574,000; 1927, $919,095,000; 1928, $1,013,752,000 1929, $1,051,469,000; 1930, $1,095,631,000; 1931, $1,114,637,000; 1932, $1,121,945,000; 1933, $1,096,264,000. No allowance is made for cash and material and supplies, and no deduction is made for depreciation.

[2] Investment originally published is increased by $170,000,000, estimated reserve for depreciation.

[3] Does not include returns for class II and class III companies.

[4] Figures not comparable on account of Federal control accounting requirements.

Source of *tables* 420 and 421: Interstate Commerce Commission.

No. 422.—FREIGHT TRAFFIC: TRAIN AND CAR MOVEMENT

NOTE.—Figures prior to 1916 relate to years ended June 30, thereafter to calendar years. Switching and terminal roads excluded beginning with 1908. The tonnage "per loaded car" for "All roads" is based on revenue tonnage only; and for "Class I roads" on revenue and nonrevenue tonnage, with exception of the "District" figures for 1916–1920. Tons are of 2,000 pounds

Class and year or yearly average	Train-miles (thousands)	Car-miles (thousands)		Tons of revenue freight		Freight revenue		Average miles per car per day
		Loaded (revenue and nonrevenue)	Empty	Per train	Per loaded car	Per train-mile (dollars)	Per loaded car-mile (cents)	
All roads:								
1891–1895	467,209			184		1.62		
1896–1900	489,723			229		1.76		
1901–1905	519,896	9,631,628	4,320,390	304	17.4	2.35		
1906–1910	603,105	11,754,421	5,234,008	359	19.5	2.72		
1911–1915	608,512	13,369,203	6,169,216	432	20.7	3.19		
1916–1920	617,430	15,444,150	6,904,625	604	25.3	[1]5.30		
1921–1925	577,844	15,243,111	8,096,532	621	24.6	[1]7.28		
1926–1930	586,389	17,357,165	10,330,175	700	24.5	[1]7.67		
1911	626,496	12,859,386	5,832,515	383	19.7	2.90		
1912	612,345	13,088,332	5,767,144	407	20.2	3.02		
1913	[2]643,841	[2]14,271,944	[2]6,120,861	[2]445	[2]21.1	[2]3.24		
1914	607,872	13,686,818	6,531,274	447	21.1	[2]3.31		
1915	552,004	12,939,535	6,594,287	476	21.1	[2]3.47	[2]15.5	
1916	632,304	15,855,103	6,779,225	552	22.8	[2]3.93	[2]16.3	
1917	646,402	15,911,203	6,780,872	588	24.8	[1]4.27	[1]17.7	
1918	628,436	14,995,557	7,167,144	621	27.0	[1]5.33	[1]22.9	
1919	560,499	14,273,422	6,531,570	623	25.4	[1]6.14	[1]24.8	[1]23.0
1920	619,507	15,336,778	7,264,316	639	26.7	[1]6.81	[1]28.1	[1]25.1
1921	519,817	12,449,086	7,309,192	567	24.6	[1]7.38	[1]31.4	[1]22.4
1922	544,486	13,026,355	6,798,121	599	24.3	[1]7.19	[1]28.6	[1]23.5
1923	631,167	16,374,750	8,536,002	632	25.2	[1]7.19	[1]28.1	[1]27.8
1924	590,879	15,850,163	8,519,637	634	24.5	[1]7.22	[1]27.3	[1]26.8
1925	602,873	16,836,710	9,319,706	663	24.6	[1]7.41	[1]26.9	[1]28.5
1926	622,295	17,759,004	10,154,842	689	25.0	[1]7.58	[1]27.6	[1]30.4
1927	598,435	17,390,777	10,298,061	690	24.6	[1]7.59	[1]26.6	[1]30.3
1928	589,616	17,757,670	10,487,254	706	24.3	[1]7.77	[1]26.3	[1]31.2
1929	598,343	18,169,092	10,805,302	718	24.5	[1]7.86	[1]26.4	[1]32.3
1930	523,255	15,709,284	9,905,415	699	24.3	[1]7.56	[1]25.8	[1]28.7
1931	446,261	13,087,643	8,472,144	653	23.4	[1]6.98	[1]24.6	[1]24.5
1932	368,658	10,231,344	6,642,756	585	22.6	[1]6.26	[1]23.6	[1]19.8
1933	368,666	10,540,396	6,773,551	619	23.3	[1]6.32	[1]23.2	[1]21.3
Class I roads, total:								
1916–1920	604,422	15,156,421	6,836,894	613	25.4	5.30	21.9	
1921–1925	567,286	14,988,046	8,032,691	633	27.1	7.28	28.3	25.8
1926–1930	576,664	17,262,995	10,257,375	713	26.9	7.67	26.4	30.6
1931	439,381	13,031,069	8,433,430	664	25.6	6.98	24.6	24.5
1932	362,798	10,188,952	6,614,824	598	24.8	6.26	23.6	19.8
1933	362,775	10,494,078	6,743,372	633	25.5	6.32	23.2	21.3
1934	421,383	11,617,116	7,458,569	638	25.6	6.24	22.7	24.2
Eastern district:								
1916–1920	244,387	6,512,690	3,059,466	733	28.1	6.05	23.0	
1921–1925	220,500	6,183,778	3,317,411	744	28.8	8.51	30.7	22.4
1926–1930	219,468	6,956,008	4,125,220	818	28.1	8.92	28.6	26.4
1931	162,734	5,215,130	3,356,944	771	26.4	8.20	26.1	21.2
1932	134,091	4,099,182	2,668,362	711	25.8	7.54	25.3	17.1
1933	134,630	4,222,329	2,716,352	748	26.5	7.60	24.9	18.1
1934	146,672	4,488,735	2,879,764	766	27.0	7.65	25.0	20.1
Southern district:								
1916–1920	113,132	2,620,301	1,246,908	581	26.0	4.44	19.9	
1921–1925	118,509	2,857,938	1,614,396	632	29.3	6.15	26.1	30.0
1926–1930	122,815	3,314,113	2,127,953	738	30.5	6.65	25.3	36.0
1931	94,529	2,519,602	1,727,286	696	29.7	6.20	24.3	27.4
1932	75,523	1,968,647	1,335,337	672	29.6	5.85	23.7	21.8
1933	77,185	2,091,759	1,409,073	708	29.9	6.05	23.6	24.7
1934	87,932	2,259,425	1,515,264	709	30.3	5.93	23.1	27.6
Western district:								
1916–1920	246,903	6,023,340	2,530,519	510	22.2	5.00	21.7	
1921–1925	228,277	5,946,330	3,100,884	531	24.3	6.70	26.9	28.2
1926–1930	234,381	6,992,814	4,014,202	606	24.0	7.08	24.8	33.4
1931	182,118	5,296,247	3,349,200	558	22.9	6.34	23.3	27.2
1932	153,184	4,121,123	2,611,125	472	21.6	5.41	21.9	22.2
1933	150,960	4,179,900	2,617,947	503	22.3	5.41	21.4	23.7
1934	186,779	4,868,956	3,063,541	505	22.2	5.29	20.3	27.9

[1] Data available for class I roads only. [2] Class I and class II roads.

Source: Interstate Commerce Commission.

No. 423.—FREIGHT TRAFFIC: TONNAGE AND REVENUE

NOTE.—Figures before 1916 relate to years ended June 30; thereafter to calendar years. Switching and terminal roads excluded beginning with 1908. For certain principal items for individual years, 1890 to 1900, see 1932 Statistical Abstract, table 410, p. 381. Tons are of 2,000 pounds

Class and year or yearly average	Tons of revenue freight carried (thousands)		Tons carried 1 mile (millions)		Revenue ton-miles per mile of road	Average haul, revenue freight (miles)		Freight revenue	
	Originated	Total	Revenue freight	Revenue and nonrevenue		System	Individual road	Amount (1,000 dolls.)	Per ton-mile (cents)
All roads:									
1891–1895	----------	692,446	85,693	--------	506,809	--------	123.75	758,930	0.886
1896–1900	----------	874,389	113,962	--------	611,128	--------	130.33	879,837	.772
1901–1905	691,120	1,266,313	167,715	--------	820,016	242.67	132.44	1,298,713	.774
1906–1910	930,254	1,673,431	228,936	--------	1,006,849	246.10	136.81	1,744,525	.762
1911–1915	1,074,121	1,903,074	277,073	--------	1,104,718	257.95	145.59	2,051,625	.740
1916–1920	1,325,772	2,378,164	390,815	--------	1,510,297	294.78	164.33	3,419,260	.875
1921–1925	1,231,193	2,216,318	375,468	--------	1,455,688	304.96	169.41	4,377,618	1.166
1926–1930	1,364,607	2,481,018	430,310	--------	1,657,292	315.34	173.44	4,690,122	1.090
1902	657,847	1,200,316	157,239	--------	793,351	239.10	131.04	1,207,229	.757
1903	714,768	1,304,394	173,221	--------	855,442	242.35	132.80	1,338,020	.763
1904	714,375	1,309,899	174,522	--------	829,476	244.30	133.23	1,379,003	.780
1905	784,920	1,427,732	186,463	--------	861,396	237.66	130.60	1,450,773	.766
1906	896,159	1,631,374	215,878	--------	982,401	240.89	132.33	1,640,387	.748
1907	977,489	1,796,337	236,601	--------	1,052,119	242.05	131.71	1,823,652	.759
1908	869,798	1,532,982	218,382	--------	974,654	253.94	143.83	1,655,419	.754
1909	881,334	1,556,500	218,803	--------	953,986	251.10	141.87	1,677,614	.763
1910	1,020,462	1,849,900	255,017	--------	1,071,086	259.68	138.31	1,925,553	.753
1911	1,003,054	1,781,638	253,784	--------	1,053,566	254.10	142.88	1,925,951	.757
1912	1,081,207	1,844,978	264,081	--------	1,078,580	256.87	143.44	1,968,599	.744
1913	1,182,548	[1] 2,058,036	301,730	--------	1,190,397	255.15	[2] 144.40	[1] 2,198,931	[1] .729
1914	1,129,992	2,002,026	288,637	--------	1,125,084	255.43	144.17	2,126,717	.737
1915	1,023,803	1,828,092	277,135	--------	1,075,962	270.69	151.55	2,037,925	.735
1916	1,317,246	2,347,396	366,173	--------	1,409,957	277.98	155.99	2,631,092	.719
1917	1,382,005	2,453,423	398,263	--------	1,538,211	288.18	162.33	2,807,436	.728
1918	1,376,845	2,477,092	408,778	--------	1,582,796	296.89	165.02	3,522,052	.862
1919	1,189,765	2,185,285	367,161	--------	1,423,390	308.60	168.00	3,624,886	.987
1920	1,362,999	2,427,022	413,699	--------	1,597,133	303.52	170.41	4,420,833	1.060
1921	1,017,818	1,808,836	309,533	--------	1,199,328	304.11	171.12	4,004,109	1.294
1922	1,111,822	1,974,618	342,188	--------	1,330,460	307.77	173.29	4,085,742	1.194
1923	1,387,755	2,503,117	416,256	--------	1,615,741	299.94	166.29	4,712,495	1.132
1924	1,287,413	2,331,291	391,945	--------	1,581,556	304.44	168.12	4,437,380	1.132
1925	1,351,155	2,463,725	417,418	--------	1,613,802	308.93	169.43	4,648,304	1.114
1926	1,439,612	2,627,492	447,444	--------	1,732,295	310.81	170.29	4,905,981	1.096
1927	1,372,547	2,510,054	432,014	--------	1,668,800	314.75	172.11	4,728,885	1.095
1928	1,371,359	2,504,196	436,087	--------	1,677,089	318.00	174.14	4,771,562	1.094
1929	1,419,383	2,584,333	450,189	--------	1,727,786	317.17	174.20	4,899,168	1.088
1930	1,220,134	2,179,015	385,815	--------	1,481,199	316.21	177.06	4,145,015	1.074
1931	944,846	1,694,075	311,073	--------	1,196,960	329.23	183.62	3,302,324	1.062
1932	678,854	1,229,078	235,309	--------	908,206	346.63	191.45	2,485,475	1.056
1933	733,391	1,322,463	250,651	--------	972,262	341.77	189.53	2,528,968	1.009
Class I roads:									
1926–1930	1,279,197	2,341,062	427,234	468,347	1,782,344	333.99	182.50	4,600,341	1.077
1931	894,186	1,605,034	309,225	338,218	1,276,861	345.82	192.66	3,248,754	1.051
1932	646,223	1,168,289	233,977	257,276	968,772	362.07	200.27	2,446,864	1.046
1933	698,943	1,258,823	249,223	273,153	1,035,707	356.6	198.0	2,488,848	.999
1934	765,296	1,369,733	269,006	297,659	1,132,526	351.5	197.4	2,631,490	.973
Eastern district:									
1926–1930	547,987	1,227,180	182,768	196,477	3,070,369	333.53	148.93	1,993,945	1.091
1931	386,210	815,595	128,656	138,585	2,153,994	333.12	157.74	1,368,022	1.063
1932	286,549	604,930	98,578	106,668	1,653,887	344.02	162.96	1,046,141	1.061
1933	305,305	650,091	104,562	112,943	1,760,002	342.5	160.8	1,062,290	1.016
1934	344,052	714,659	112,335	121,027	1,927,395	326.5	157.4	1,121,586	.998
Southern district:									
1926–1930	294,051	430,198	93,552	101,847	2,059,316	318.15	217.46	842,994	.901
1931	211,007	308,709	69,525	75,706	1,507,609	329.49	225.21	619,351	.891
1932	160,646	231,583	54,477	59,140	1,181,906	339.11	235.24	473,963	.870
1933	171,791	253,681	58,934	63,790	1,288,375	343.1	232.3	503,276	.854
1934	184,608	271,955	62,368	68,412	1,382,208	337.8	229.8	521,052	.835
Western district:									
1926–1930	437,159	683,684	150,914	170,023	1,119,969	345.22	220.74	1,763,402	1.168
1931	296,969	480,730	111,044	123,927	814,519	373.92	230.99	1,261,380	1.136
1932	199,028	331,776	80,922	91,468	595,793	406.59	243.91	926,760	1.145
1933	221,847	355,051	35,727	96,420	632,777	386.4	241.5	923,282	1.077
1934	236,636	383,119	94,303	108,220	703,114	398.5	249.9	988,852	1.049

[1] Class I and class II roads.
[2] Data included for class II and class III roads are partially estimated.

Source: Interstate Commerce Commission.

No. 424.—REVENUE AND TRAFFIC BY MONTHS: CLASS I CARRIERS

NOTE.—Except at times of general revisions in freight rates changes in freight revenue are closely parallel to those of ton-mileage. Data, except as indicated, exclude 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)													
1912[1]	249.8	209.2	216.1	235.8	219.2	232.3	242.9	253.0	275.8	274.4	298.2	275.9	264.4
1913[1]	260.9	247.0	229.9	245.9	242.3	262.1	258.9	266.3	279.6	283.4	296.3	266.6	252.4
1914[1]	244.0	231.3	207.1	247.5	235.4	237.7	249.3	256.0	267.1	269.6	266.6	233.8	226.3
1915[1]	256.6	214.1	205.1	231.5	231.0	237.9	249.5	259.2	273.1	287.2	303.7	299.1	288.1
1916[1]	302.1	260.9	262.8	290.2	282.0	301.0	300.0	303.2	327.2	325.3	338.7	322.7	311.1
1917[1]	337.4	300.8	265.4	317.1	319.3	345.9	349.7	348.4	366.2	358.8	382.5	357.3	337.1
1918[1]	410.5	285.4	290.0	366.4	371.6	379.0	395.2	470.4	504.7	489.7	490.8	440.9	441.5
1919[1]	432.0	397.2	352.4	377.4	389.5	413.9	426.1	455.3	471.7	498.6	509.8	438.1	453.4
1920[1]	519.0	500.8	424.6	460.2	402.3	457.6	494.7	529.1	555.5	618.9	641.8	592.1	550.6
1921[1]	464.2	470.4	406.5	459.0	433.4	444.9	461.6	462.9	505.7	498.3	536.7	465.9	425.3
1922	463.4	391.8	397.4	470.4	412.9	444.6	469.0	439.1	469.2	495.8	544.4	518.2	508.4
1923	524.3	497.0	442.1	530.2	517.8	542.1	535.6	530.6	558.5	540.1	581.7	526.3	489.3
1924	493.6	463.7	474.1	499.7	470.0	472.3	460.9	477.0	503.2	535.5	566.9	500.6	499.9
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
1926	532.7	476.0	455.7	525.7	494.9	512.2	535.4	551.6	573.8	584.8	603.6	556.2	522.1
1927	511.7	482.0	464.0	525.2	493.3	513.6	511.6	503.9	551.6	559.5	574.7	498.8	462.6
1928	509.5	452.8	451.3	499.9	469.3	505.3	496.9	507.6	552.2	550.4	611.7	526.0	491.1
1929	523.6	481.6	470.4	511.3	508.6	531.8	526.0	551.7	580.2	560.7	602.4	494.1	464.2
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
1931	349.0	361.8	332.8	371.9	365.4	364.8	365.8	372.8	360.3	346.3	359.0	301.9	285.4
1932	260.6	272.2	264.2	286.7	264.9	251.9	243.5	235.3	249.4	269.5	295.2	250.7	243.3
1933	258.0	226.6	212.2	218.1	224.9	255.2	278.3	293.7	297.0	292.2	294.4	257.7	245.3
1934	272.6	258.0	248.5	293.2	265.4	282.0	282.8	276.0	282.7	275.5	292.9	257.0	257.5
FREIGHT REVENUE (millions of dollars)													
1922	333.9	277.0	294.5	354.1	288.8	319.5	331.8	299.4	326.4	355.8	406.2	389.7	364.0
1923	385.3	366.9	326.7	398.6	386.1	405.3	387.1	379.2	402.0	390.8	441.4	395.8	344.0
1924	362.3	333.3	352.6	371.5	342.8	344.7	323.2	340.0	358.4	399.1	438.9	380.9	362.1
1925	379.4	350.6	336.8	360.6	347.0	359.2	366.0	377.4	403.2	419.6	450.5	402.4	379.4
1926	401.4	347.7	340.6	401.7	370.4	385.3	397.6	409.3	429.3	444.7	472.1	433.2	384.6
1927	387.3	357.9	353.9	406.3	371.4	391.1	381.9	369.9	415.1	426.7	452.7	385.8	334.7
1928	391.2	337.8	346.1	388.2	356.4	391.5	370.6	382.0	421.5	423.8	492.8	415.7	367.9
1929	402.4	367.0	363.6	393.6	393.5	412.5	390.9	416.8	446.3	435.3	483.3	384.3	341.1
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
1931	271.2	276.9	257.4	291.2	283.5	282.9	281.1	290.1	279.9	270.0	289.0	238.3	214.4
1932	204.3	208.4	205.3	224.9	207.9	194.2	185.9	179.9	194.9	214.5	244.0	203.1	188.1
1933	207.7	179.2	169.2	175.3	180.2	207.5	223.3	240.2	241.3	235.4	239.6	209.9	191.7
1934	219.5	208.8	201.7	241.0	214.3	228.6	225.7	221.3	224.8	220.5	238.8	208.5	199.4
PASSENGER REVENUE (millions of dollars)													
1927	81.4	86.0	74.3	76.7	77.4	78.6	86.0	91.7	91.7	86.3	75.2	70.9	81.9
1928	75.2	78.6	69.5	70.6	71.1	70.4	81.8	82.8	85.2	80.2	69.7	65.3	76.7
1929	72.8	75.0	68.4	71.9	67.5	68.9	79.3	79.6	84.3	75.8	66.2	62.5	74.5
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
1931	45.9	53.3	46.5	47.1	47.3	47.0	51.0	50.3	49.2	44.8	38.2	35.9	40.6
1932	31.4	38.0	33.9	34.4	31.0	31.3	32.6	32.7	31.4	30.5	26.2	24.9	30.2
1933	27.4	26.7	23.6	21.9	22.9	23.9	31.0	31.0	32.2	32.0	29.8	25.0	29.3
1934	28.9	27.2	25.4	27.4	27.0	26.6	31.6	32.2	32.8	30.6	28.6	24.8	32.0
FREIGHT TON-MILES (millions)[2]													
1922	31,320	27,151	28,451	32,941	24,735	27,940	29,062	27,115	30,472	34,334	39,287	38,077	36,271
1923	38,133	37,707	32,628	39,222	38,321	39,598	38,001	38,518	40,344	39,461	42,210	38,158	33,427
1924	35,803	34,510	35,982	36,426	31,926	33,915	31,968	33,185	36,457	39,064	43,134	38,067	35,006
1925	38,007	37,026	33,570	35,332	33,571	37,126	35,854	37,944	41,709	41,305	44,054	40,775	37,856
1926	40,725	37,680	35,405	38,669	36,300	39,834	39,252	41,717	43,734	44,346	48,296	43,360	40,116
1927	39,559	39,233	37,259	41,817	37,111	40,118	38,477	38,369	41,984	42,959	45,537	37,250	34,592
1928	39,769	36,289	35,723	39,486	35,887	39,263	37,307	39,153	42,425	43,791	48,234	41,991	37,673
1929	41,026	39,210	38,140	40,228	38,346	41,846	40,740	42,009	44,950	44,222	47,836	38,741	36,046
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
1931	28,346	30,308	27,097	29,961	28,711	30,016	28,254	30,276	29,361	27,842	30,579	25,084	22,662
1932	21,587	22,855	21,718	23,581	21,259	19,872	18,673	19,065	20,071	22,709	26,375	21,759	21,107
1933	22,924	19,987	19,118	19,351	19,831	21,734	23,710	26,408	26,464	26,130	26,414	23,937	22,000
1934	24,802	23,762	23,198	27,792	23,472	25,260	25,212	24,257	25,402	25,885	26,497	23,780	23,105

[1] Including switching and terminal companies. [2] Revenue and nonrevenue.

Source: Interstate Commerce Commission.

No. 425.—PASSENGERS CARRIED AND PASSENGER REVENUE

NOTE.—Figures relate to years ended June 30 prior to 1916, to calendar years thereafter. 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

Class and year or yearly average	Passengers carried (thousands)	Passengers carried 1 mile (millions)	Average journey per passenger (miles)	Passenger train-miles (thousands)	Passenger train car-miles (thousands)	Passenger revenue (thousand dollars)	Passenger service train revenue per train-mile	Revenue per passenger per mile (cts.)	Average passengers per train
All roads:									
1891–1895	546,762	13,383	24.48	321,031	----------	281,415	$1.05	2.10	42
1896–1900	520,459	13,863	26.64	345,457	----------	279,900	.99	2.02	39
1901–1905	681,261	20,737	30.44	423,244	----------	416,609	1.11	2.01	45
1906–1910	885,003	28,683	32.41	509,868	----------	566,815	1.26	1.98	53
1911–1915	1,018,804	33,766	33.14	587,501	3,264,399	672,792	1.32	1.99	54
1916–1920	1,152,666	42,548	36.92	500,364	3,416,933	1,021,536	[1] 2.13	2.40	[1] 72
1921–1925	982,320	36,869	37.53	571,455	3,603,117	1,112,634	[1] 2.47	3.02	[1] 65
1926–1930	801,503	31,846	39.73	569,310	3,818,089	908,341	[1] 2.15	2.85	[1] 56
1906	797,946	25,167	31.54	479,038	----------	510,033	1.20	2.00	49
1907	879,905	27,719	31.72	509,328	----------	564,606	1.26	2.01	51
1908	890,010	29,083	32.86	505,946	2,705,660	566,883	1.27	1.94	54
1909	891,472	29,109	32.85	506,011	2,746,511	563,609	1.27	1.93	54
1910	971,683	32,338	33.50	549,015	2,998,171	628,992	1.30	1.94	56
1911	997,410	33,202	33.48	572,929	3,136,774	657,638	1.31	1.97	55
1912	1,004,081	33,132	33.18	585,854	3,235,634	660,373	1.29	1.99	53
1913	1,043,603	34,673	33.31	[2] 593,061	[2] 3,320,488	[2] 695,088	[2] 1.36	[2] 2.01	[2] 55
1914	1,063,249	35,357	33.25	605,212	3,309,604	703,484	[2] 1.34	1.99	[2] 56
1915	985,676	32,475	32.95	580,448	3,229,496	646,475	[2] 1.31	1.99	[2] 53
1916	1,048,987	35,220	33.58	595,441	3,409,630	722,359	[2] 1.44	2.05	[2] 56
1917	1,109,943	40,100	36.13	593,338	3,485,788	840,910	[1] 1.69	2.10	[1] 65
1918	1,122,963	43,212	38.48	544,327	3,276,489	1,046,166	[1] 2.23	2.42	[1] 76
1919	1,211,022	46,838	38.68	553,147	3,446,787	1,193,431	[1] 2.46	2.55	[1] 82
1920	1,269,913	47,370	37.30	574,826	3,618,617	1,304,815	[1] 2.78	2.76	[1] 80
1921	1,061,131	37,706	35.53	508,242	3,503,514	1,166,252	[1] 2.51	3.09	[1] 67
1922	989,509	35,811	36.19	553,919	3,445,869	1,087,516	[1] 2.50	3.04	[1] 65
1923	1,008,538	38,294	37.97	573,938	3,616,342	1,158,925	[1] 2.56	3.03	[1] 67
1924	950,469	36,368	38.26	579,384	3,676,740	1,085,672	[1] 2.41	2.99	[1] 63
1925	901,963	36,167	40.10	581,792	3,773,114	1,064,806	[1] 2.37	2.94	[1] 63
1926	874,589	35,673	40.79	584,972	3,862,610	1,049,210	[1] 2.33	2.94	[1] 61
1927	840,030	33,798	40.23	578,355	3,850,116	980,528	[1] 2.23	2.90	[1] 59
1928	798,476	31,718	39.72	570,038	3,815,337	905,271	[1] 2.13	2.85	[1] 56
1929	786,432	31,165	39.63	568,095	3,870,903	875,929	[1] 2.18	2.81	[1] 55
1930	707,987	26,876	37.96	545,091	3,691,480	730,766	[1] 1.85	2.72	[1] 49
1931	599,227	21,933	36.60	485,538	3,274,812	551,726	[1] 1.61	2.52	[1] 45
1932	480,718	16,997	35.36	419,088	2,743,437	377,511	[1] 1.33	2.22	[1] 40
1933	434,848	16,308	37.64	380,435	2,469,969	329,816	[1] 1.27	2.01	[1] 43
Class I roads:									
1916–1920	1,114,055	41,989	37.69	556,495	3,406,925	1,005,690	2.13	2.40	72
1921–1925	962,153	36,656	37.99	558,568	3,572,292	1,100,602	2.47	3.01	65
1926–1930	793,335	31,724	39.99	560,633	3,800,669	903,748	2.15	2.85	56
1931	596,391	21,894	36.71	480,367	3,265,923	550,250	1.61	2.51	45
1932	478,800	16,971	35.44	414,383	2,735,614	376,539	1.33	2.22	40
1933	432,980	16,341	37.70	376,093	2,490,051	328,957	1.27	2.01	43
1934	449,988	18,036	40.10	386,445	2,647,601	345,783	-------	1.92	47
Eastern district:									
1921–1925	642,356	18,636	29.01	230,179	1,507,410	528,429	2.84	2.84	81
1926–1930	571,978	17,392	30.41	234,631	1,642,826	474,330	2.61	2.73	74
1931	448,834	12,912	28.77	206,783	1,470,923	316,875	2.03	2.45	62
1932	362,424	10,171	28.06	179,587	1,239,635	224,842	1.71	2.21	56
1933	316,933	9,497	30.00	164,981	1,126,870	197,166	1.62	2.08	57
1934	321,694	9,936	30.90	165,995	1,149,761	206,089	-------	2.07	60
Southern district:									
1921–1925	108,845	5,191	47.69	96,314	582,587	174,435	2.22	3.36	53
1926–1930	78,652	4,110	52.26	97,851	625,385	132,604	1.78	3.23	42
1931	48,702	2,292	47.07	80,984	515,450	66,331	1.20	2.89	28
1932	36,957	1,830	49.52	70,385	437,775	42,841	.97	2.34	25
1933	43,467	2,020	46.50	64,965	413,730	38,851	.97	1.92	30
1934	50,932	2,506	49.20	67,639	454,493	44,751	-------	1.79	37
Western district:									
1921–1925	210,952	12,729	60.34	232,075	1,482,295	397,738	2.21	3.12	54
1926–1930	142,705	10,222	71.63	228,151	1,532,458	296,784	1.83	2.90	44
1931	98,855	6,690	67.67	192,600	1,279,550	167,044	1.32	2.50	34
1932	79,419	4,970	62.58	164,411	1,058,204	108,856	1.06	2.19	29
1933	72,530	4,824	66.50	146,147	949,451	92,940	1.03	1.93	32
1934	77,362	5,594	72.30	152,811	1,043,347	94,943	-------	1.70	37

[1] Data available for class I only. [2] Class I and class II roads.

Source: Interstate Commerce Commission.

No. 426.—REVENUES, EXPENSES, AND INCOME OF OPERATING COMPANIES

NOTE.—Data relate to years ended June 30 prior to 1916, to calendar years thereafter. The method of calculating net revenue and net operating income is more fully shown in table 427. Switching and terminal companies are excluded beginning with 1908; operating revenues of switching and terminal companies, 1932, $51,734,000; 1933, $57,743,000; operating expenses, 1932, $40,997,000; 1933, $40,266,000. For certain principal items for individual years 1890 to 1900, see 1932 Statistical Abstract, table 411

Class and year or yearly average	Average miles of line (first track) operated	Income account items (thousands of dollars)					Per mile of line		Per cent operating expenses of revenues
		Operating revenues	Operating expenses	Net revenue from operations	Tax accruals	Net railway operating income	Operating revenues	Net revenue from operations	
All roads:									
1891–1895	169,378	1,127,531	759,588	367,942	34,915	333,027	$6,657	$2,172	67.37
1896–1900	180,001	1,264,048	832,377	431,671	41,970	389,701	6,796	2,321	65.85
1901–1905	206,050	1,854,682	1,226,737	627,945	53,106	574,840	9,001	3,048	66.14
1906–1910	229,404	2,528,171	1,705,542	822,630	80,931	727,407	11,021	3,586	67.46
1911–1915	246,952	3,007,262	2,123,282	883,980	123,345	729,172	12,164	3,578	70.61
1916–1920	258,295	4,870,408	3,971,453	899,015	227,680	624,304	18,856	3,481	81.54
1921–1925	257,932	6,003,699	4,684,135	1,319,563	328,822	899,332	23,276	5,116	78.02
1926–1930	259,646	6,139,269	4,502,029	1,637,240	386,732	1,125,224	23,645	6,306	73.33
1903	205,314	1,900,847	1,257,539	643,308	53,252	590,056	9,258	3,133	66.16
1904	212,243	1,975,174	1,338,896	636,278	56,802	579,476	9,306	2,998	67.79
1905	216,974	2,082,482	1,390,602	691,880	58,712	633,168	9,598	3,189	66.78
1906	222,340	2,325,705	1,536,877	788,828	69,064	719,824	10,460	3,548	66.08
1907	227,455	2,589,106	1,748,516	840,590	73,743	766,846	11,383	3,696	67.53
1908	227,257	2,440,639	1,710,402	730,237	78,674	634,794	10,740	3,213	70.08
1909	232,981	2,473,205	1,650,034	823,171	85,140	710,474	10,615	3,533	66.72
1910	236,987	2,812,142	1,881,879	930,263	98,035	805,097	11,866	3,925	66.92
1911	243,434	2,852,855	1,976,332	876,523	102,657	744,669	11,719	3,601	69.28
1912	246,829	2,906,416	2,035,058	871,358	113,819	727,458	11,775	3,530	70.02
1913	[1] 242,657	[1] 3,193,118	[1] 2,235,923	[1] 957,195	[1] 122,005	[1] 805,266	[1] 13,159	[1] 3,945	[1] 70.02
1914	254,775	3,127,730	2,280,416	847,314	140,470	674,190	12,276	3,326	72.91
1915	250,214	2,956,193	2,088,683	867,510	137,775	694,276	11,538	3,386	70.65
1916	257,325	3,691,065	2,426,251	1,264,815	161,825	1,053,506	14,344	4,915	65.73
1917	258,913	4,115,413	2,906,283	1,209,130	218,632	950,557	15,895	4,670	70.62
1918	258,263	4,985,290	4,071,522	913,768	229,533	646,223	19,303	3,538	81.67
1919	257,949	5,260,420	4,498,817	751,603	239,136	454,132	20,354	2,914	85.68
1920	259,020	6,310,151	5,954,394	355,757	289,272	12,101	24,361	1,373	94.36
1921	258,089	5,632,665	4,668,998	963,667	283,163	601,139	21,825	3,734	82.89
1922	257,195	5,674,483	4,509,991	1,164,492	308,145	769,411	22,063	4,528	79.48
1923	257,625	6,419,210	4,990,383	1,419,827	339,577	974,918	24,917	5,511	77.88
1924	258,104	6,045,252	4,608,807	1,436,445	347,437	984,463	23,422	5,565	76.24
1925	258,646	6,246,883	4,633,497	1,613,386	365,790	1,130,728	24,152	6,238	74.17
1926	258,295	6,508,679	4,766,235	1,742,444	396,538	1,220,020	25,199	6,746	73.23
1927	258,877	6,245,716	4,662,521	1,583,195	333,112	1,077,842	24,126	6,116	74.65
1928	260,026	6,212,464	4,508,606	1,703,858	395,631	1,182,467	23,892	6,553	72.57
1929	260,558	6,373,004	4,579,162	1,793,842	402,698	1,262,636	24,459	6,885	71.85
1930	260,475	5,356,484	3,993,621	1,362,863	353,881	874,154	20,564	5,232	74.56
1931	259,886	4,246,385	3,273,906	972,479	308,492	528,204	16,339	3,742	77.10
1932	259,066	3,168,537	2,441,814	726,723	279,263	325,332	12,231	2,805	77.06
1933	257,802	3,138,186	2,285,218	852,968	253,522	477,326	12,173	3,309	72.82
Class I roads:									
1921–1925	235,302	5,881,855	4,583,425	1,298,431	321,536	883,599	24,997	5,518	77.92
1926–1930	239,703	6,038,339	4,421,699	1,616,640	379,941	1,114,903	25,191	6,744	73.23
1931	242,176	4,188,343	3,223,575	964,768	303,528	525,628	17,295	3,984	76.97
1932	241,519	3,126,760	2,403,445	723,315	275,135	326,298	12,946	2,995	76.87
1933	240,631	3,095,404	2,249,232	846,172	249,623	474,296	12,864	3,516	72.66
1934	238,951	3,271,567	2,441,823	829,744	239,625	462,652	13,691	3,472	74.64
Eastern district:									
1926–1930	59,526	2,718,136	2,026,514	691,622	156,454	473,330	45,663	11,619	74.56
1931	59,729	1,868,461	1,466,842	401,619	125,331	205,992	31,282	6,724	78.51
1932	59,604	1,416,801	1,076,555	340,246	116,867	159,696	23,770	5,708	75.98
1933	59,410	1,389,133	1,006,545	382,588	104,528	213,699	23,382	6,440	72.46
1934	59,067	1,459,598	1,086,856	372,742	101,229	206,049	24,711	6,310	74.46
Southern district:									
1926–1930	45,429	1,047,501	757,713	289,788	71,462	216,138	23,058	6,379	72.34
1931	46,116	739,244	564,660	174,584	56,931	109,941	16,030	3,786	76.38
1932	46,092	558,408	417,791	140,617	50,305	83,226	12,115	3,051	74.82
1933	45,743	583,066	399,751	183,315	47,207	127,811	12,747	4,007	68.56
1934	45,405	611,012	432,328	178,684	47,127	121,253	13,457	3,935	70.76
Western district:									
1926–1930	134,748	2,272,702	1,637,472	635,230	152,025	425,435	16,866	4,714	72.05
1931	136,331	1,580,638	1,192,073	388,565	121,266	209,695	11,594	2,850	75.42
1932	135,823	1,151,551	909,099	242,452	107,963	83,376	8,478	1,785	78.95
1933	135,478	1,123,205	842,936	280,269	97,888	132,786	8,291	2,069	75.05
1934	134,479	1,200,957	922,639	278,318	91,269	134,750	8,930	2,070	76.83

[1] Class I and class II roads.

Source: Interstate Commerce Commission.

No. 427.—INCOME ACCOUNT OF CLASS I CARRIERS: OPERATING ROADS

NOTE.—All figures in thousands of dollars. Switching and terminal companies are excluded

Item	1916–1920 (average)	1921–1925 (average)	1926–1930 (average)	1931	1932	1933	1934[1]
Revenues	4,783,039	5,881,856	6,038,339	4,188,343	3,126,700	3,095,404	3,271,446
Freight	3,336,480	4,277,134	4,600,341	3,248,753	2,446,864	2,488,848	2,633,387
Passenger	1,005,690	1,100,603	903,748	550,250	376,530	328,957	346,220
Mail	76,508	94,900	111,387	105,423	97,162	91,871	91,140
Express	118,933	137,886	139,570	82,775	53,983	45,640	54,012
All other transportation	92,041	129,878	136,065	98,718	77,005	71,667	75,434
All other	133,387	141,455	146,128	102,424	74,307	68,421	71,253
Expenses	3,879,220	4,583,425	4,421,699	3,223,575	2,403,445	2,249,232	2,441,772
Maintenance, way, etc.	663,681	781,577	826,826	530,613	351,179	322,286	395,285
Maintenance, equipment	1,040,185	1,297,802	1,178,252	816,954	618,941	598,709	627,897
Traffic	59,749	93,919	123,608	117,218	90,223	85,817	89,249
Transportation	1,947,814	2,194,358	2,054,865	1,538,469	1,154,318	1,074,932	1,164,037
All other	167,791	215,769	238,148	220,321	182,784	167,488	185,304
Net revenue from railway operations	883,819	1,298,431	1,616,640	964,768	723,315	846,172	829,674
Deduct—							
Tax accruals	219,774	321,536	379,941	363,528	275,135	249,623	239,493
Uncollectible revenues	868	1,895	1,427	891	1,027	1,208	1,166
Equipment rents	25,647	67,659	91,786	99,193	85,102	85,008	89,842
Joint facility rents	20,543	23,742	28,583	35,528	35,753	36,037	36,461
Net railway operating income	616,987	883,599	1,114,903	525,628	326,288	474,296	462,707

Item	Eastern district			Southern district			Western district		
	1932	1933	1934[1]	1932	1933	1934[1]	1932	1933	1934[1]
Revenues	1,416,801	1,389,133	1,459,475	558,408	583,066	611,011	1,151,551	1,123,205	1,200,960
Freight	1,046,141	1,062,290	1,120,229	473,963	503,276	521,052	926,760	923,282	992,106
Passenger	224,843	197,166	206,336	42,840	38,851	44,750	108,856	92,940	95,131
Mail	38,453	35,930	35,157	16,358	15,787	15,995	42,351	40,154	39,988
Express	23,522	19,867	22,290	9,031	8,691	10,742	21,430	17,082	20,950
All other transportation	44,737	39,572	38,781	6,367	6,458	7,197	26,801	25,637	29,456
All other	39,105	34,308	36,682	9,849	10,003	11,275	25,353	24,110	23,296
Expenses	1,076,555	1,006,645	1,086,800	417,791	399,751	432,328	909,099	842,936	922,644
Maintenance, way, etc.	139,710	129,428	144,715	63,939	63,062	70,506	142,530	129,796	150,064
Maintenance, equipment	280,875	270,474	284,692	112,776	113,001	121,358	225,200	215,174	231,847
Traffic	36,935	32,033	33,777	17,749	16,241	17,148	41,839	37,543	38,324
Transportation	539,537	501,317	541,424	188,734	180,571	194,201	426,047	393,044	428,412
All other	79,798	73,393	82,192	29,593	26,816	29,115	73,393	67,379	73,997
Net revenue from railway operations	340,246	382,488	372,675	140,617	183,315	178,683	242,452	280,269	278,316
Deduct—									
Tax accruals	116,867	104,528	101,235	50,305	47,207	47,124	107,963	97,888	91,139
Uncollectible revenues	438	520	605	181	163	195	408	525	366
Equipment rents	43,432	44,033	43,522	3,225	4,214	5,687	38,445	36,761	40,333
Joint facility rents	19,813	19,808	20,430	3,680	3,920	4,421	12,260	12,309	11,610
Net railway operating income	159,698	213,699	206,583	83,226	127,811	121,256	83,376	132,786	134,868

[1] Rail line and water line transportation combined in the several accounts; water line transportation included in "All other" in prior years.

Source: Interstate Commerce Commission.

No. 428.—TAXES AND SPECIAL ASSESSMENTS OF CLASS I CARRIERS, BY STATES

NOTE.—Data for all years exclude switching and terminal companies and include nonoperating subsidiaries. Data for 1916 include also class II carriers. Total railroad taxes, Federal and State, in 1933, by classes, were as follows: Class I and subsidiaries, $251,756,698 (including $541,125 Canadian, $124 Mexican and $1,576 not localized by States); class II and subsidiaries, $3,351,222; class III and subsidiaries, $552,826; switching and terminal companies, $12,443,808; grand total $268,104,554

State	Amount (thousands of dollars)						Per mile of line (dollars)			
	1916	1920	1925	1930	1932	1933	1920	1930	1932	1933
Total	162,475	282,751	359,370	349,207	275,557	251,814	1,262	1,519	1,205	1,106
United States Government taxes	12,531	50,543	87,680	40,986	12,448	21,070	226	178	54	93
New England:										
Maine	1,026	1,725	1,977	1,908	1,402	1,188	831	963	708	604
New Hampshire	746	1,005	1,042	1,125	1,005	844	827	990	910	765
Vermont	491	451	453	407	502	456	608	540	672	610
Massachusetts	2,575	3,339	3,920	4,709	4,114	3,760	1,616	2,369	2,076	1,913
Rhode Island	397	585	604	687	708	682	2,996	3,933	3,741	3,627
Connecticut	1,114	1,975	2,058	1,672	1,024	921	1,977	1,737	1,057	949
Middle Atlantic:										
New York	11,724	17,861	22,613	27,378	27,616	24,292	2,271	3,491	3,522	3,100
New Jersey	7,656	11,189	17,355	20,442	21,134	17,915	5,292	9,951	10,321	9,136
Pennsylvania	9,957	9,342	11,134	12,440	9,540	7,692	945	1,235	941	751
South Atlantic:										
Delaware	153	165	182	166	162	163	493	567	554	556
Dist. of Columbia	64	79	126	144	156	158	2,291	4,178	4,515	4,378
Maryland	1,211	2,004	1,352	2,076	1,900	1,738	1,591	1,829	1,680	1,538
Virginia	3,012	4,695	5,614	7,318	5,896	5,239	1,129	1,759	1,414	1,263
West Virginia	2,355	3,879	6,046	8,109	7,920	7,309	1,195	2,193	2,185	2,068
North Carolina	1,706	2,129	4,748	5,392	4,361	3,885	552	1,399	1,166	1,018
South Carolina	1,091	1,951	2,840	3,480	2,520	2,440	623	1,106	804	780
Georgia	1,957	2,481	3,310	3,966	3,099	2,540	455	719	563	463
Florida	1,572	2,167	3,388	4,964	3,018	2,991	542	965	596	600
East North Central:										
Ohio	10,618	16,841	18,518	19,923	16,889	14,742	2,048	2,334	1,997	1,746
Indiana	5,803	9,422	11,627	13,852	8,987	7,150	1,328	2,011	1,311	1,047
Illinois	9,049	16,422	21,676	22,084	20,307	18,552	1,421	1,827	1,697	1,548
Michigan	4,220	7,579	7,656	10,816	8,298	6,719	1,083	1,469	1,164	956
Wisconsin	4,968	6,876	7,295	7,201	6,393	5,497	995	1,034	927	803
West North Central:										
Minnesota	6,445	9,753	7,965	6,778	3,425	4,117	1,151	823	416	501
Iowa	3,871	7,855	6,842	8,026	5,973	4,335	808	831	623	508
Missouri	2,258	3,359	3,716	4,284	3,739	3,582	457	566	505	487
North Dakota	2,289	4,997	4,290	4,110	3,230	3,192	969	799	628	621
South Dakota	1,635	3,718	3,161	2,696	2,396	1,892	900	644	575	464
Nebraska	2,704	4,159	4,747	4,622	4,086	3,560	677	749	663	583
Kansas	4,108	6,188	6,670	8,871	7,253	6,848	688	968	793	758
East South Central:										
Kentucky	2,018	2,184	4,246	5,373	4,447	3,739	624	1,411	1,200	1,016
Tennessee	1,718	2,584	3,107	3,629	2,463	2,322	702	1,002	684	648
Alabama	1,751	2,548	2,687	3,681	3,044	2,351	560	797	662	514
Mississippi	1,916	3,612	5,064	5,047	3,586	3,017	942	1,322	944	802
West South Central:										
Louisiana	2,235	3,788	4,578	5,098	4,494	4,216	971	1,280	1,131	1,061
Texas	4,656	5,098	6,514	7,614	6,417	6,164	364	494	418	408
Oklahoma	3,653	5,463	5,682	6,468	5,720	4,583	864	994	875	702
Arkansas	2,248	3,912	2,663	3,025	2,807	2,378	948	690	644	548
Mountain:										
Montana	2,781	4,284	4,728	5,178	4,879	4,622	871	1,016	962	912
Wyoming	901	1,213	1,659	1,970	1,951	1,872	686	1,071	1,077	1,018
Colorado	2,451	3,344	3,719	4,271	3,495	3,324	729	972	798	759
New Mexico	1,179	2,467	2,212	2,785	2,570	2,410	915	993	906	861
Arizona	1,341	1,572	2,485	3,100	3,253	3,234	776	1,403	1,494	1,555
Utah	1,123	1,856	2,161	2,404	2,391	2,252	907	1,142	1,100	1,095
Nevada	1,028	1,543	1,762	1,970	2,182	1,984	942	1,163	1,275	1,158
Idaho	1,475	3,844	2,372	3,244	3,140	2,759	1,500	1,219	1,188	1,044
Pacific:										
Washington	4,064	8,795	6,647	7,430	6,336	5,041	1,698	1,480	1,264	1,009
Oregon	1,492	2,722	2,736	3,064	2,436	1,955	1,060	1,119	886	385
California	5,142	7,187	12,863	13,210	10,355	7,962	1,071	1,842	1,400	1,094

Source: Interstate Commerce Commission.

No. 429.—REVENUE FREIGHT CARRIED, BY COMMODITY GROUPS

NOTE.—All figures in thousands of tons of 2,000 pounds. Data relate to years ended June 30 prior to 1916, to calendar years thereafter. Switching and terminal roads excluded beginning with 1908. Figures for 1911 to 1915, inclusive, exclude class III roads but this affects the comparability very slightly; those after 1916 exclude both class II and class III, thereby reducing the grand total about 6 percent. Non-revenue freight is excluded; this is a large item in the case of a few commodities, notably coal

Class of road and year or yearly average	Total	Products of agriculture	Animals and products	Products of mines		Products of forests	Manufactures and miscellaneous	
				Coal and coke	Other		Carload shipments	Less than carload
I. REVENUE FREIGHT ORIGINATED								
All roads:								
1906–1910	[1] 930,255	73,804	20,000	324,282	147,864	98,879	162,225	33,991
1911–1915 [2]	[1] 1,053,648	99,095	25,731	392,808	192,058	101,143	181,191	41,314
Class I:								
1916	[1] 1,203,307	113,635	30,473	429,781	250,342	93,819	231,038	52,911
1917	1,264,016	104,629	31,858	481,632	251,021	100,838	240,269	53,769
1918	1,263,344	116,051	35,777	500,769	234,027	97,256	226,077	53,387
1919	1,096,111	115,033	35,494	399,072	190,879	94,076	210,256	51,302
1920	1,255,421	110,840	26,595	480,344	222,810	100,766	251,864	53,202
1921	940,183	114,069	24,263	378,220	135,050	76,419	172,169	41,992
1922	1,023,745	111,787	26,230	351,846	181,152	89,059	220,442	43,229
1923	1,279,030	109,318	28,254	471,854	241,881	115,618	267,767	44,338
1924	1,187,296	110,587	27,747	414,409	223,083	108,094	256,737	40,549
1925	1,247,242	109,313	26,324	424,403	253,933	107,301	285,291	40,557
1926	1,336,142	111,787	26,243	486,944	270,759	104,851	296,067	39,491
1927	1,281,611	113,342	26,003	449,891	263,511	99,351	291,073	38,440
1928	1,285,943	118,022	25,634	432,296	264,287	96,737	312,013	36,954
1929	1,339,691	115,343	24,907	459,397	278,482	94,855	330,004	36,043
1930	1,153,197	110,729	23,129	407,937	234,600	69,370	277,765	29,667
1931	894,186	97,487	21,632	339,536	162,367	43,025	207,366	22,773
1932	646,223	80,917	18,055	281,224	81,002	26,109	143,682	15,234
1933	698,943	81,702	17,651	296,478	98,587	33,165	157,009	14,351
1934	765,296	79,305	20,363	323,500	112,880	35,650	179,253	14,345
Eastern district:								
1932	286,549	17,650	4,392	147,966	27,428	3,225	78,250	7,634
1933	305,305	16,518	4,400	158,446	27,319	3,234	88,245	7,143
1934	344,052	16,805	4,534	178,648	32,573	3,675	100,508	7,309
Southern district:								
1932	160,646	9,742	1,215	103,218	16,211	8,893	18,076	3,291
1933	171,791	9,926	1,274	110,674	16,296	10,899	20,156	3,165
1934	184,608	10,037	1,458	116,735	19,527	10,759	23,043	3,049
Western district:								
1932	199,028	53,519	12,448	30,040	37,365	13,991	47,356	4,309
1933	221,847	55,258	11,977	27,958	54,972	19,032	48,608	4,042
1934	236,636	52,463	14,371	28,117	60,780	21,216	55,702	3,987
II. TOTAL REVENUE FREIGHT [3]								
All roads:								
1906–1910	[1] 1,673,431	150,384	38,769	589,884	228,563	168,023	314,007	59,277
1911–1915 [2]	[1] 1,881,635	193,252	44,194	712,193	284,499	183,292	356,669	71,347
Class I:								
1916–1920	[1] 2,212,267	225,505	55,199	826,012	340,783	193,436	466,202	93,550
1921–1925	2,068,262	221,961	48,065	757,498	316,014	192,256	465,097	69,371
1926–1930	2,341,062	221,019	45,054	852,777	395,987	179,554	584,457	62,214
1928	2,361,023	225,550	45,724	838,085	396,400	187,347	605,256	63,261
1929	2,451,601	223,264	44,720	878,014	418,797	182,177	642,191	62,430
1930	2,003,078	210,971	41,097	749,218	349,424	130,684	530,308	51,316
1931	1,605,034	187,792	39,549	613,408	237,934	83,998	401,628	40,725
1932	1,168,289	152,784	34,514	504,111	118,226	51,813	278,384	28,457
1933	1,258,823	150,763	34,507	529,444	149,978	62,197	304,654	27,280
1934	1,369,733	150,761	39,240	575,991	168,158	64,199	344,135	27,249
Eastern district:								
1932	604,930	48,121	14,849	319,196	45,637	13,494	148,802	14,831
1933	650,091	44,959	15,112	337,042	59,124	14,480	165,314	14,060
1934	714,659	44,769	15,171	374,777	66,029	14,353	185,474	14,086
Southern district:								
1932	231,583	21,390	2,850	127,547	22,094	14,525	36,753	6,418
1933	253,081	22,920	3,013	138,670	23,186	17,428	42,056	6,408
1934	271,955	22,390	3,880	147,120	26,854	17,198	48,172	6,341
Western district:								
1932	331,776	83,267	16,815	57,368	50,495	23,794	92,829	7,208
1933	355,651	82,884	16,382	53,732	67,668	30,289	97,284	6,812
1934	383,119	83,602	20,189	54,094	75,275	32,648	110,489	6,822

[1] Includes some undistributed freight. [2] Excluding class III. [3] Including receipts from connecting lines.
Source: Interstate Commerce Commission.

No. 430.—REVENUE FREIGHT CARRIED, BY CLASSES OF COMMODITIES: CLASS I CARRIERS

NOTE.—Nonrevenue freight is excluded; this is a large item in the case of a few commodities, notably coal. Switching and terminal roads are excluded

Commodity	Revenue freight originated (thousands of tons of 2,000 pounds)											Total revenue freight carried, 1934 (thousands of tons of 2,000 pounds)		
	All districts								1934					
	1920	1925	1929	1930	1931	1932	1933	1934	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Grand total, carload and l. c. l.	1,255,421	1,247,242	1,339,091	1,153,197	894,186	646,223	698,943	765,286	344,052	184,608	236,636	714,659	271,955	383,119
Grand total, carload traffic	1,202,219	1,206,655	1,303,048	1,123,530	871,412	630,989	684,592	750,851	338,743	181,559	232,649	700,573	265,614	376,297
Products of agriculture, total	110,840	109,313	111,343	110,725	97,487	80,917	81,702	79,305	16,805	10,037	52,463	44,769	22,390	83,602
Wheat	23,131	21,548	27,019	25,466	26,228	19,120	16,501	16,018	2,777	661	12,580	3,919	1,562	15,758
Corn	12,689	12,680	15,258	13,986	10,728	9,544	12,310	11,427	2,540	1,584	7,303	4,488	2,245	10,264
Oats	8,615	8,450	5,713	5,184	3,969	3,400	3,353	2,501	687	294	1,520	1,431	570	2,080
Other grain	5,609	4,564	4,477	4,045	2,924	2,229	2,995	3,213	368	82	2,763	731	251	3,396
Flour and meal	10,952	9,901	10,627	10,546	10,067	9,319	8,997	8,932	2,419	790	5,723	7,508	2,540	8,281
Cereal foods and other mill products	8,891	9,578	10,820	10,610	8,783	6,629	6,779	7,095	2,525	704	3,866	5,855	1,631	5,753
Hay, straw, and alfalfa	7,957	5,506	3,697	3,494	2,174	1,569	1,476	2,562	577	125	1,860	1,141	507	3,173
Leaf tobacco [1]	1,081	1,138	989	1,008	816	642	680	679	63	588	23	182	944	26
Cotton	3,379	4,127	3,940	3,032	2,432	2,777	3,374	2,503	72	985	1,446	697	2,134	2,145
Cottonseed and products, except oil	4,573	5,849	5,076	5,065	3,608	3,146	2,483	2,402	18	1,259	1,125	317	1,751	1,948
Citrus fruits	1,404	1,363	2,355	1,734	2,378	1,965	1,823	1,818	165	514	1,139	1,678	1,713	3,916
Other fresh fruits	5,271	5,910	5,690	5,919	5,175	4,068	3,416	3,648	631	756	2,261	3,172	1,870	5,984
Potatoes, except sweet [2]	4,118	4,614	4,425	4,332	4,114	3,418	3,406	3,804	1,471	461	1,872	5,877	1,397	4,758
Other fresh vegetables	2,205	2,828	3,222	3,262	2,927	2,575	2,449	2,687	447	585	1,655	3,006	1,730	5,643
Dried fruits and vegetables	1,165	1,533	1,609	1,674	1,426	1,258	1,239	1,260	355	51	854	956	252	1,922
Sugar beets	9,741	9,324	5,348	6,246	5,573	5,503	6,641	4,338	213		4,125	272		4,575
Other products of agriculture			5,077	5,125	4,165	3,755	3,720	4,418	1,472	598	2,348	3,539	1,293	3,471
Animals and products, total	26,595	26,324	24,907	23,129	21,632	18,055	17,651	20,363	4,634	1,458	14,371	15,171	3,380	20,189
Horses and mules	936	544	553	440	315	230	231	355	26	50	279	99	178	440
Cattle and calves	9,809	9,330	7,310	6,785	6,097	4,836	4,497	7,279	746	429	6,104	2,084	994	8,761
Sheep and goats	1,344	1,224	1,387	1,385	1,343	1,085	1,008	1,059	124	46	889	364	74	1,558
Hogs	5,421	5,502	5,534	4,902	4,501	3,884	3,608	3,004	726	181	2,097	1,582	262	2,572

[1] Includes refuse, stems, etc., prior to 1929.

[2] "Potatoes" prior to 1929.

No. 430.—Revenue Freight Carried, by Classes of Commodities: Class I Carriers—Continued

Commodity	Revenue freight originated (thousands of tons of 2,000 pounds)											Total revenue freight carried, 1934 (thousands of tons of 2,000 pounds)		
	All districts								1934					
	1920	1925	1929	1930	1931	1932	1933	1934	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Animals and products—Continued														
Fresh meats	2,770	2,904	3,007	2,928	2,933	2,724	2,951	3,229	908	294	2,027	3,973	858	2,333
Other packing-house products	2,206	2,139	2,274	1,970	1,833	1,632	1,585	1,584	635	207	742	1,623	824	1,218
Poultry	264	357	417	419	416	382	402	377	60	34	283	661	51	388
Eggs	536	591	588	612	582	424	422	403	73	24	306	662	67	469
Butter and cheese	425	686	793	807	768	735	756	771	140	37	594	1,213	163	769
Wool	293	263	414	354	388	271	336	237	100	8	129	354	35	229
Hides and leather	1,051	1,026	913	847	782	655	734	789	388	76	325	1,187	178	506
Other animals and products	1,540	1,758	1,717	1,680	1,674	1,137	1,071	1,276	608	72	596	1,369	196	946
Products of mines, total	712,154	678,336	737,879	642,537	501,903	362,226	395,065	436,380	211,221	136,262	88,897	440,806	173,974	129,369
Anthracite	78,100	58,260	71,931	71,252	65,673	55,081	56,467	68,630	68,361	77	192	101,812	159	488
Bituminous coal	389,349	340,346	368,339	322,150	263,991	218,197	230,837	244,735	103,012	115,283	26,440	261,817	144,870	51,308
Coke	26,895	19,798	19,127	14,536	9,872	7,346	9,173	10,136	7,276	1,375	1,485	11,147	2,092	2,297
Iron ore	84,433	72,134	82,123	59,980	31,073	5,440	26,526	27,942	1,789	1,167	24,986	17,547	1,676	25,450
Copper ore and concentrates	21,550	12,289	7,057	4,525	3,903	1,658	1,545	1,680	1	5	1,674	55	62	1,735
Other ores and concentrates			7,714	6,957	4,664	2,599	2,803	3,634	1,105	423	2,106	2,767	1,002	3,696
Gravel, sand, and stone [3]	98,720	145,405	121,559	112,196	84,058	47,138	36,706	46,015	13,834	10,508	21,673	17,653	12,935	27,125
Crude petroleum	6,435	11,245	6,630	6,508	7,443	2,803	4,702	3,381	705	58	2,618	934	170	4,826
Asphaltum	1,424	2,531	3,196	2,925	2,746	2,583	2,407	2,729	1,708	420	601	2,889	759	1,319
Salt	3,250	3,403	3,183	2,952	2,834	2,576	2,728	2,822	1,289	25	1,508	3,343	926	3,177
Phosphate rock, crude	6,997	6,925	5,165	5,712	3,930	2,891	3,817	4,403	33	4,325	45	137	4,710	69
Sulphur			2,253	1,934	1,259	961	1,590	1,469	173	43	1,253	335	177	1,780
Other products of mines [3]			39,602	30,820	20,452	12,353	15,764	18,804	11,935	2,553	4,316	20,370	4,436	6,099
Products of forests, total	100,786	107,391	94,855	69,371	43,024	26,109	33,165	35,650	3,675	10,759	21,216	14,353	17,198	32,648
Logs, posts, poles, piling, and cordwood	38,571	45,428	39,611	28,451	14,792	7,781	11,245	12,820	418	2,314	10,088	1,130	2,780	11,404
Ties	5,472	4,292	4,024	3,522	1,527	958	1,174	1,711	287	724	700	653	934	930
Pulp wood	4,992	5,826	6,781	6,524	4,797	3,309	4,142	4,719	978	1,204	2,537	1,820	1,817	3,361
Lumber, shingles, lath, cooperage materials, veneer, etc	48,618	49,019	40,937	27,800	19,497	12,418	14,491	14,178	1,195	5,564	7,419	8,534	10,217	16,199
Other forest products	3,112	2,826	3,502	3,074	2,411	1,643	2,113	2,222	797	953	472	2,216	1,450	754

Manufactures and miscellaneous, total	251, 864	285, 291	330, 064	277, 765	207, 366	143, 682	157, 009	179, 253	100, 508	23, 043	55, 702	185, 474	43, 172	110, 489
Refined petroleum and its products	29, 616	46, 273	64, 240	62, 901	55, 615	46, 707	45, 464	49, 666	19, 687	5, 668	24, 311	32, 338	11, 465	46, 373
Vegetable oils	938	1, 446	1, 733	1, 602	1, 428	1, 333	1, 314	1, 405	341	465	599	1, 117	912	1, 082
Sugar, sirup, glucose, and molasses	5, 664	5, 700	5, 858	5, 659	5, 142	4, 286	4, 779	5, 059	1, 406	736	2, 917	2, 631	1, 930	5, 415
Iron, pig [4]	16, 451	14, 577	8, 000	5, 140	3, 139	1, 424	2, 689	2, 548	1, 739	561	248	2, 712	773	546
Scrap iron and steel	([5])	([5])	13, 527	9, 001	6, 032	3, 444	5, 993	7, 173	5, 244	738	1, 191	7, 983	1, 204	1, 670
Iron and steel (6th class, n. o. s.)	([5])	([5])	5, 746	3, 680	2, 081	1, 298	2, 313	2, 597	2, 544	27	26	3, 228	68	59
Rails, fastenings, frogs, and switches [6]	3, 047	2, 646	2, 658	1, 778	1, 063	419	521	1, 032	806	79	147	1, 225	211	449
Iron and steel pipes and fittings [7]	27, 443	29, 144	7, 670	6, 442	4, 101	1, 789	1, 955	2, 708	1, 861	382	465	3, 569	835	1, 995
Iron and steel (5th class, n. o. s.) [7]			37, 427	26, 745	16, 877	9, 386	13, 475	15, 526	13, 780	655	1, 091	22, 293	1, 908	4, 166
Iron and steel nails and wire	([5])	([5])	1, 873	1, 372	1, 015	669	1, 040	1, 024	745	68	211	1, 341	214	457
Copper: Ingot, matte, and pig	5, 170	5, 419	1, 108	665	352	162	215	229	138	9	82	476	11	379
Lead and zinc: Ingot, pig, or bar			1, 338	1, 124	908	592	723	833	330	6	497	964	116	1, 083
Other metals: pig, bar, sheet, etc			525	379	306	118	181	261	97	2	162	248	15	221
Machinery and boilers [8]	9, 391	5, 359	3, 931	3, 072	1, 943	1, 072	1, 122	1, 310	926	93	291	1, 918	373	734
Cement	15, 400	24, 516	25, 008	23, 180	18, 392	11, 201	9, 509	11, 670	5, 257	1, 579	4, 834	10, 519	3, 152	7, 361
Brick and artificial stone	15, 251	19, 668	17, 216	12, 595	7, 723	3, 574	3, 516	3, 970	2, 228	833	909	3, 948	1, 339	1, 628
Lime and plaster	4, 410	6, 830	4, 803	3, 452	2, 600	1, 690	1, 681	1, 844	1, 057	235	502	1, 986	753	1, 129
Sewer pipe and drain tile	2, 165	2, 426	2, 708	1, 946	1, 197	624	537	716	406	141	169	861	280	294
Agricultural implements and vehicles other than automobiles [9]	3, 324	2, 281	2, 136	1, 057	766	304	353	634	177	73	384	399	223	768
Automobiles, autotrucks, parts, tires, etc	3, 427	6, 980	10, 423	6, 624	4, 286	2, 317	3, 144	5, 087	4, 135	230	722	7, 958	1, 249	3, 080
Furniture	743	970	1, 102	733	564	353	393	375	126	124	125	469	312	321
Beverages	1, 240	841	774	893	654	351	1, 170	1, 957	624	154	1, 179	1, 453	454	2, 093
Ice	5, 795	4, 928	3, 310	2, 578	2, 262	1, 464	1, 054	1, 054	305	123	626	338	133	663
Fertilizers	9, 204	8, 463	13, 276	12, 302	8, 524	5, 025	5, 187	6, 283	2, 058	3, 160	1, 065	3, 642	4, 783	2, 022
Printing paper [10]	3, 144	3, 328	3, 460	3, 399	2, 983	2, 397	2, 380	2, 408	1, 698	151	559	6, 505	460	1, 846
Chemicals and explosives [11]	8, 348	9, 579	3, 213	2, 672	2, 152	1, 579	1, 868	2, 101	1, 049	558	494	1, 737	1, 061	723
Textiles	805	966	941	710	613	493	531	512	124	298	90	494	643	242
Canned food products	3, 074	4, 144	5, 029	4, 751	3, 954	3, 167	3, 308	3, 816	1, 616	253	1, 947	4, 360	786	4, 062
Furnace slag	77, 814	78, 807	9, 835	11, 000	4, 401	2, 105	2, 016	2, 495	1, 891	559	45	2, 165	939	63
Paper board, pulpboard, and wall board (paper)			2, 511	2, 241	2, 037	1, 581	1, 874	1, 812	911	529	372	2, 268	985	826
Building paper and prepared roofing materials			2, 325	1, 687	1, 234	1, 102	1, 119	1, 184	723	121	340	1, 373	456	648
Other manufactures and miscellaneous			66, 338	54, 885	43, 022	31, 656	35, 535	39, 964	26, 479	4, 383	9, 102	52, 856	10, 129	18, 086
Merchandise—all l. c. l. freight	53, 202	40, 587	36, 043	29, 667	22, 774	16, 234	14, 351	14, 345	7, 309	3, 049	3, 987	14, 086	6, 341	6, 822

[3] "Gravel, sand, and stone" includes clay prior to 1929 which is reported with "Other products of mines" in 1929 and thereafter.
[4] Includes bloom prior to 1929.
[5] Not reported separately.
[6] "Rails and fastenings" prior to 1929.
[7] "Bar, sheet, and structural iron and pipe" prior to 1929.
[8] Includes castings prior to 1929.
[9] Includes railway car wheels, axles, and trucks prior to 1929.
[10] "Papor, printed matter, and books" prior to 1929.
[11] Data beginning 1929 not comparable with prior years.

Source: Interstate Commerce Commission.

No. 431.—CAR LOADINGS: AVERAGE WEEKLY LOADINGS OF REVENUE FREIGHT, CLASS I RAILWAYS, BY PRINCIPAL COMMODITY GROUPS

NOTE.—Averages for earlier years for all commodities are: 1918, 857,540; 1919, 804,472; 1920, 867,663; 1921, 756,215; 1922, 830,915; 1923, 957,925; 1924, 933,354; 1925, 985,080; 1926, 1,021,131; 1927, 992,096; 1928, 992,113; 1929, 1,015,922

Month	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
	Total, all commodities					Grain and grain products				
Year	882,269	714,447	641,922	561,924	592,031	43,565	38,931	31,796	31,931	31,572
January	849,310	718,303	566,693	481,052	544,390	40,282	40,682	31,010	26,743	29,202
February	876,725	708,530	560,805	492,642	577,217	43,889	41,162	34,250	25,377	30,089
March	878,933	734,232	570,209	470,904	611,843	38,982	38,333	28,891	27,724	29,639
April	904,740	751,573	554,827	506,391	583,708	39,126	37,519	30,827	35,914	26,482
May	918,690	739,696	522,022	535,798	610,413	37,646	35,834	29,220	37,126	28,102
June	929,746	747,988	491,622	585,249	615,640	41,519	35,007	25,334	38,685	34,859
July	888,902	738,472	484,197	624,598	586,574	58,326	54,647	36,963	44,828	42,737
August	934,366	747,627	516,200	632,785	604,977	60,788	44,348	38,543	29,700	40,058
September	931,422	727,068	573,474	648,170	628,453	47,203	37,247	37,561	31,264	34,785
October	950,270	762,632	633,512	658,120	632,872	41,597	38,515	33,527	29,872	30,576
November	797,836	654,827	547,482	596,414	588,307	36,487	36,202	27,809	30,949	27,773
December	695,396	554,957	496,656	517,447	518,416	35,587	27,146	26,458	25,997	25,068
	Livestock					Coal				
Year	24,714	22,347	18,256	17,054	20,654	152,443	124,869	102,672	100,513	117,008
January	27,229	25,613	22,070	17,248	17,497	196,455	157,380	115,176	108,568	120,993
February	25,183	22,011	19,034	15,427	15,278	166,026	137,136	114,953	124,641	143,839
March	23,056	19,827	16,532	13,411	13,446	137,296	130,954	121,254	92,322	145,908
April	24,102	21,779	18,699	16,880	16,269	132,818	116,075	92,291	78,865	100,283
May	23,444	20,407	17,146	16,541	16,241	138,261	113,882	74,626	80,844	106,804
June	21,593	18,621	14,912	15,476	15,439	135,256	110,620	66,398	96,320	100,330
July	20,074	18,098	14,381	14,955	22,194	130,606	110,307	72,259	112,848	93,195
August	21,108	21,731	16,871	16,653	30,912	145,740	118,660	84,616	125,051	95,874
September	26,939	24,091	20,750	20,289	34,108	151,277	124,251	108,834	126,614	116,118
October	32,277	29,014	23,699	23,221	28,465	174,528	145,437	136,577	126,754	120,976
November	26,860	25,902	19,012	20,451	22,504	158,748	121,376	122,823	127,068	123,563
December	23,389	20,958	16,608	15,087	16,320	151,001	115,413	125,027	115,962	122,903
	Coke					Ore				
Year	9,382	6,245	4,303	5,736	6,438	31,955	16,821	4,046	14,292	15,282
January	11,346	8,998	5,656	5,208	7,741	8,268	5,206	2,949	1,872	3,110
February	11,399	8,744	6,234	6,285	10,064	8,641	5,567	2,699	1,864	3,114
March	9,982	7,889	6,090	4,381	8,933	9,103	5,830	2,647	2,113	3,725
April	10,020	7,007	3,830	3,352	5,779	12,701	7,993	3,424	3,369	7,367
May	9,674	6,486	3,136	3,834	6,836	50,951	17,320	2,583	7,864	20,712
June	9,463	5,488	2,887	5,389	6,796	62,528	29,789	3,547	13,132	33,106
July	8,438	4,813	2,573	6,498	4,396	61,250	34,859	6,030	24,962	31,346
August	8,312	4,555	2,712	6,712	4,128	56,956	35,000	7,111	36,180	28,960
September	8,203	4,783	3,669	7,030	5,232	48,780	30,270	6,065	39,011	24,379
October	8,876	5,562	4,390	6,762	5,622	37,824	20,372	6,521	29,882	17,135
November	8,047	5,318	4,751	6,478	5,443	14,295	6,273	2,951	8,316	6,474
December	8,549	5,758	5,597	6,748	5,982	5,620	3,505	1,748	2,938	3,149
	Forest products					Miscellaneous and L. C. L.				
Year	45,564	28,296	17,292	21,170	22,060	574,646	476,938	363,558	362,229	379,013
January	46,173	33,115	18,358	13,946	18,322	519,557	447,308	371,474	307,467	338,526
February	57,704	34,586	19,266	13,860	21,756	563,884	450,322	364,370	305,247	353,078
March	58,076	34,390	20,018	15,313	23,664	602,438	497,010	374,778	315,641	386,528
April	57,436	32,836	19,707	17,456	24,190	628,528	528,363	386,048	350,555	403,338
May	52,941	32,912	18,695	21,019	25,145	605,772	512,854	376,617	368,570	400,572
June	49,657	31,203	16,810	26,004	24,616	609,725	517,260	361,434	390,242	400,494
July	39,956	26,641	14,555	26,916	20,782	570,154	489,107	337,436	393,591	371,924
August	41,421	27,588	15,490	27,671	22,336	600,041	495,746	350,866	390,812	382,710
September	40,391	26,053	17,552	25,070	21,956	608,519	480,373	379,044	398,891	391,894
October	39,367	24,482	18,849	24,794	22,376	616,007	499,251	409,450	416,835	407,723
November	33,970	21,822	16,051	23,637	21,185	519,428	437,936	354,087	379,516	381,365
December	30,263	16,986	13,196	18,385	18,312	440,988	365,190	308,023	332,331	326,683

Source: Association of American Railroads.

No. 432.—STEAM RAILWAY ACCIDENTS, BY CAUSES

NOTE.—See headnote to table 433

Cause of accident	Killed					Injured				
	1926–1930, average	1931	1932	1933	1934	1926–1930, average	1931	1932	1933	1934
All accidents	6,480	5,099	4,747	5,019	4,879	89,404	35,656	29,219	27,494	28,631
Train accidents	308	229	183	218	256	2,985	1,208	997	1,365	1,000
Passengers on trains	30	4	1	23	12	1,455	493	410	657	394
Travelers not on trains										2
Employees	164	95	63	66	97	1,132	434	335	362	361
Other persons	114	130	119	129	147	398	281	252	346	243
Causes:										
Collisions	89	39	34	33	33	1,391	485	358	635	263
Passengers on trains	11	1	1	14		710	244	192	415	98
Travelers not on trains										1
Employees	70	33	30	16	30	526	188	125	137	126
Other persons	8	5	3	3	3	155	53	41	83	38
Derailments	139	108	77	127	142	1,379	583	526	610	601
Passengers on trains	18	3		9	12	718	232	203	236	276
Travelers not on trains										1
Employees	66	43	26	45	59	487	190	171	190	176
Other persons	55	62	51	73	71	173	161	152	184	148
Other causes	81	82	72	58	81	215	140	113	120	136
Passengers on trains	1					27	17	15	6	20
Travelers not on trains										
Employees	28	19	7	5	8	119	56	39	35	59
Other persons	52	63	65	53	73	69	67	59	79	57
Train-service accidents	5,796	4,624	4,341	4,598	4,396	35,395	18,849	16,160	15,107	15,446
Passengers on trains	63	36	22	15	15	2,208	1,609	1,501	1,315	1,476
Travelers not on trains				10	8				84	68
Employees	940	419	383	354	338	23,275	9,142	6,948	6,104	6,442
Other persons	4,793	4,169	3,936	4,219	4,035	9,912	8,098	7,711	7,604	7,460
Causes:										
Coupling or uncoupling locomotives or cars	48	12	20	12	17	1,124	394	307	246	254
Coupling or uncoupling air hose	19	13	9	11	7	353	175	123	131	132
Operating locomotives	16	7	6	5	6	3,731	1,406	1,042	834	909
Operating hand brakes	30	18	12	15	14	1,875	824	593	514	514
Operating switches	1		2		1	747	245	210	176	192
Contact with fixed structures	57	60	71	64	54	534	335	284	284	201
Getting on or off cars or locomotives	419	447	520	516	417	7,084	4,096	3,946	3,785	3,358
Highway grade-crossing accidents [1]	2,315	1,720	1,445	1,446	1,442	6,400	4,533	3,911	3,607	4,182
Struck or run over, not at public crossings	2,267	1,730	1,590	1,792	1,725	1,721	1,022	911	958	994
Miscellaneous	625	617	666	737	713	11,824	5,819	4,833	4,572	4,710
Nontrain accidents	376	246	223	203	227	51,024	15,599	21,062	11,022	12,185
Passengers on trains	2	1	5			595	587	455		
Travelers not on trains				2	4				466	614
Employees	288	162	133	112	121	48,990	13,782	10,459	9,466	10,535
Other persons	85	83	85	89	102	1,440	1,230	1,148	1,090	1,036

[1] Excludes persons killed and injured at highway grade crossings in connection with derailments and miscellaneous train accidents.

Source: Interstate Commerce Commission.

No. 433.—PERSONS KILLED AND INJURED IN RAILWAY ACCIDENTS

NOTE.—For various reasons, including the fact that returns were required under different acts, the 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 the damage exceeded $150 with or without a casualty. Where the damage is less than $150 and there is a reportable casualty it is classified as a train-service accident. Figures for years 1911–1915 include industrial and other nontrain accidents to employees only, and for years 1908–1910 do not cover switching and terminal roads. Otherwise the statement covers all reportable accidents

Yearly average or year ended—	Total		Passengers[1]		Employees		Other persons		Trespassers[2]	
	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	4,214	5,294		
1896–1900	6,946	42,248	222	3,237	2,054	32,793	4,670	6,219		
1901–1905	9,326	72,943	392	7,894	3,249	57,209	5,686	7,840		
1906–1910	10,210	105,617	385	11,625	3,572	83,502	6,252	10,491		
1910	9,682	119,507	324	12,451	3,382	95,671	5,976	11,385		
1911	10,396	150,159	299	12,042	3,602	126,039	6,495	12,078		
1912	10,585	169,538	283	14,988	3,635	142,442	6,667	12,158		
1913	10,964	200,308	350	15,130	3,715	171,417	6,899	13,761		
1914	10,302	192,662	232	13,887	3,250	165,212	6,811	13,563		
1915	8,621	162,040	199	10,014	2,152	138,092	6,270	13,034		
Dec. 31:										
1916	10,001	196,722	246	7,152	2,941	176,923	6,814	12,647		
1917	10,087	194,805	301	7,582	3,199	174,247	6,587	12,976		
1918	9,286	174,575	471	7,316	3,419	156,013	5,396	11,246		
1919	6,978	149,053	273	7,456	2,138	131,018	4,567	10,579		
1920	6,958	108,309	229	7,591	2,578	149,414	4,151	11,304		
1921	5,996	120,685	205	5,584	1,446	104,530	4,345	10,571		
1922	6,325	134,871	203	6,712	1,057	117,197	1,967	7,834	2,498	3,121
1923	7,385	171,712	143	6,463	2,026	152,678	2,397	9,279	2,819	3,297
1924	6,617	143,739	153	6,023	1,543	125,819	2,300	9,268	2,621	3,121
1925	6,766	137,435	170	5,643	1,590	119,224	2,347	9,640	2,644	2,926
1926	7,090	130,235	155	5,149	1,672	111,003	2,640	10,387	2,623	2,798
1927	6,821	104,799	82	4,560	1,506	88,223	2,519	9,020	2,654	2,992
1928	6,509	85,561	85	4,027	1,327	70,246	2,718	8,652	2,379	2,639
1929	6,496	76,995	100	4,371	1,424	60,739	2,665	9,308	2,307	2,578
1930	5,481	49,430	50	3,180	974	35,872	2,153	7,430	2,304	2,946
1931	5,009	35,656	41	2,689	676	23,358	1,981	6,288	2,401	3,320
1932	4,747	29,219	28	2,366	579	17,742	1,635	5,330	2,505	3,780
1933	5,019	27,494	50	2,522	532	15,032	1,611	5,043	2,826	3,907
1934	4,879	28,631	39	2,554	550	17,338	1,630	5,583	2,654	3,158

[1] Data cover passengers on trains and travelers not on trains.
[2] Trespassers included with "other persons" prior to 1922.

No. 434.—CONSUMPTION OF FUEL AND REPLACEMENTS OF RAILS AND TIES: CLASS I CARRIERS

NOTE.—Rails and ties laid in new construction are not included. A short ton is 2,000 pounds; a long ton, 2,240 pounds

	All districts			1933		
	1931	1932	1933	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite, 1,000 short tons	543	327	478	478		
Bituminous coal, do	81,725	66,498	66,198	32,010	14,956	19,232
Fuel oil[1], 1,000 gallons	2,015,694	1,759,124	1,709,032	6,645	23,862	1,678,525
Hardwood[1], cords	5,072	3,028	1,865	768	1,096	1
Softwood[1], do	34,802	23,475	19,823	7,451	722	11,650
Total, coal equivalent[2], 1,000 short tons	94,924	77,859	77,384	32,533	15,099	29,752
Rails laid in replacement and betterment:						
Total tonnage, 1,000 long tons	1,715	797	862	350	215	297
Total charges[3], 1,000 dollars	63,726	28,285	28,669	11,610	7,100	9,959
Ties laid in previously constructed tracks:						
Crossties, thousands	51,501	39,190	37,296	8,353	10,367	18,576
Switch and bridge ties, 1,000 board feet	188,595	140,566	134,149	39,320	40,858	53,971
Total charges[3], 1,000 dollars	73,415	50,940	44,195	14,383	9,833	19,979

[1] The ratio of fuel oil to coal is based upon the experience of the various roads; 1 cord of hardwood equals two-thirds ton of coal; 1 cord of softwood equals one-half ton of coal.
[2] Totals include equivalent of a small amount of miscellaneous fuel.
[3] The total charges shown do not include the labor cost of applying the rails or ties.

Source of tables 433 and 434: Interstate Commerce Commission.

No. 435.—EXPRESS COMPANIES: INCOME ACCOUNT

NOTE.—**In thousands of dollars.** Mileage operated by express companies, 1934: Total, 267,545; steam road, 218,785; electric line, 2,481; steamboat line, 22,757; airplane, 15,507; stage line, 8,085. The Railway Express Agency, Inc., operates 257,466 miles, and the Southeastern Express Co., 10,079 miles

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
1926	294,519	147,812	150,097	146,825	3,272	2,143	1,110	1,237	2,318
1927	284,513	139,494	148,730	145,467	3,263	2,197	1,050	1,204	2,207
1928	281,545	141,288	143,877	140,675	3,202	2,038	1,146	1,216	2,321
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
1930	237,488	112,366	128,470	125,821	2,649	1,375	1,259	509	38
1931	192,044	81,221	113,997	111,181	2,816	1,343	1,457	302	4
1932	137,703	53,085	87,436	84,513	2,923	1,380	1,513	234	[6] 5
1933	118,673	44,468	76,503	73,416	3,087	1,524	1,535	186	[6] 6
1934	130,953	50,530	82,907	79,756	3,151	1,518	1,612	156	4
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
1926	8,257	4,021	4,357	4,196	161	83	78	24	100
1927	8,176	3,971	4,342	4,188	154	88	62	28	90
1928	7,870	3,738	4,208	4,126	142	100	40	30	70
1929	8,007	3,900	4,244	4,098	146	110	35	38	73
1930	6,764	2,940	3,936	3,803	133	97	35	35	70
1931	5,603	2,117	3,585	3,443	142	89	51	17	68
1932	4,174	1,420	2,848	2,726	122	78	43	21	64
1933	4,326	1,537	2,905	2,769	136	94	38	15	53
1934	5,060	2,049	3,135	3,003	132	96	35	11	46

[1] Includes revenues from sources other than transportation.
[2] Deducting, besides taxes, a small amount of uncollectible revenue.
[3] Sum of two preceding columns less deductions.
[4] Result of operations for 2 months ended Feb. 28, 1929.
[5] Result of operations for 10 months ended Dec. 31, 1929.
[6] Deficit.
[7] Result of operations for 8 months ended Dec. 31, 1921.

No. 436.—THE PULLMAN CO.: ABSTRACT OF OPERATIONS

[All money figures in thousands of dollars]

Year ended—	Gross revenues, car operations	Association revenues, debtor	Contract revenues, debtor [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	66	893	23,962	(2)	11,372	13,151	20,203	14
1915	38,723	467	1,954	26,633	11,716	12,090	10,816	24,252	12
Dec. 31:									
1918	49,967		3,918	40,593	20,202	9,374	7,763	28,751	13
1919	69,071		31	48,618	26,392	20,453	19,194	37,346	15
1920	72,124		13,155	61,031	30,805	11,093	9,304	39,255	16
1921	64,439		7,079	64,744	28,136	[3] *305*	[2] *3,277*	31,225	13
1922	65,582		8,379	53,029	26,022	12,553	8,540	31,748	13
1923	72,576		8,555	55,885	27,365	16,691	12,289	34,249	13
1924	72,758		9,075	61,609	30,023	11,149	7,755	34,086	12
1925	80,198		8,873	63,513	32,247	16,685	12,546	35,526	12
1926	81,834		9,463	68,204	35,009	13,630	9,565	36,073	11
1927	80,952		8,906	66,503	34,848	14,449	10,360	35,197	11
1928	80,846		8,604	66,656	34,935	14,190	10,938	33,924	11
1929	82,384		8,704	69,490	36,191	12,894	9,185	33,434	10
1930	76,234		5,534	68,960	35,379	7,274	4,937	29,360	9
1931	62,558		2,573	57,243	27,386	5,315	3,009	22,985	9
1932	43,366		1,550	42,465	19,276	901	[3] *1,220*	15,750	8
1933	38,436		1,325	37,888	16,358	548	[3] *564*	13,717	8
1934	44,070		2,361	41,976	17,527	2,094	400	15,105	8

[1] Amounts due other carriers under the provisions of definite contracts. [2] Not separated. [3] Deficit.
Source of tables 435 and 436: Interstate Commerce Commission.

No. 437.—THE ALASKA RAILROAD TRAFFIC: Analysis of Statistics of Passenger and Freight Services, Years Ended June 30

	1933	1934		1933	1934
Road mileage operated—monthly average	519.9	502	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight train-miles	60,334	67,148
Passenger train-miles [1]	63,804	66,304	Mixed train-miles	7,918	6,010
Mixed train-miles	7,918	6,010	Loaded cars, 1 mile, freight and mixed trains	1,019,786	1,124,200
Passenger car-miles, passenger trains [1]	165,133	172,399	Empty cars, 1 mile, freight and mixed trains	701,915	778,817
Passenger car-miles, mixed trains	7,918	5,816	All cars, 1 mile	1,721,701	1,903,017
Total revenue passengers carried	13,117	15,824	Tons of revenue freight carried:		
Revenue passengers carried 1 mile	1,083,818	2,004,534	Coal	72,007	65,009
Total passenger revenue	$121,120	$113,524	Miscellaneous	25,472	28,503
Average revenue per passenger per mile	$0.07193	$0.05663	Tons of revenue freight carried 1 mile	15,809,158	16,128,792
			Total freight revenue	$890,249	$964,918
			Average revenue per ton per mile	$0.05631	$0.05983

[1] Including motor miles.

Source: Department of the Interior.

No. 438.—ELECTRIC RAILWAYS: Summary of Operations

Note.—This table does not include the electric operations of steam railway companies. Many electric railway companies also engage in other operations, especially in the sale of current for light and power; wherever possible, such light and power business has been excluded, but for numerous companies this is impossible. No distinction can be made in the statistics between purely urban street railways and suburban and interurban lines. The insignificant amount of business still conducted by cable and animal traction is included, as well as some operations conducted by primarily electric railways by means of steam traction and gasoline engine cars. In the trackage statistics of this table, each track of a double or multiple line is counted separately. Mileage figures expressed in nearest mile

	1890	1902	1912	1917	1922	1927	1932
Number of companies	789	987	1,260	[1] 1,307	[1] 1,200	[1] 963	[1] 706
Miles of all track operated	8,123	22,577	41,065	44,835	43,932	40,722	31,548
Operated by:							
Electricity	1,262	21,902	40,803	44,677	43,789	40,585	31,432
Cable	488	241	56	45	46	43	39
Animal traction	5,661	259	58	11	4	----	----
Steam	711	170	76	41	1	17	72
Gasoline-engine cars	----	[2] 6	66	56	[3] 86	[3] 77	4
Gravity	----	----	----	6	6	----	----
Value of road and equipment (thousand dollars)	389,357	2,167,634	4,596,563	5,136,442	5,058,762	(4)	4,143,381
Number of employees	70,764	140,769	282,461	294,820	[4] 306,523	[5] 267,115	182,165
Number of passenger cars	32,505	60,290	76,162	79,914	77,301	70,309	55,592
Revenue passengers, including pay transfer [6] (thousands)	2,023,010	4,774,212	9,545,555	11,304,660	12,666,558	12,174,502	7,955,981
Operating revenues (thousand dollars)	90,617	247,554	567,512	709,825	1,016,719	927,774	566,290
Operating expenses (thousand dollars)	62,011	142,313	332,896	452,595	727,795	694,460	442,607
Operating ratio (per cent)	68.4	57.5	58.7	63.8	71.6	74.9	78.2

[1] Includes companies maintaining separate organizations, though leased to and controlled through stock ownership by other companies, largely in Pennsylvania. In 1912 these companies were treated as merged and not included in the number reported.

[2] Compressed air.

[3] Includes 1.26 miles of nonelectric track in 1922, 1.20 miles in 1927.

[4] Complete data not available. In 1927 a number of composite companies included the value of electric railway road and equipment in the value of their entire plant and equipment reported on their combined balance sheet on the light and power schedule and advised that this could not be separated. Statistics for Central Light and Power Stations include their combined figures.

[5] Includes 404 motor-bus employees for 1922 and 2,540 for 1927.

[6] Not including motor-bus passengers.

Source: Bureau of the Census, Department of Commerce

No. 439.—ELECTRIC RAILWAYS: Mileage, Equipment, Output of Electricity, Traffic, Employees, and Salaries and Wages

NOTE.—See headnote to table 438

	All companies					Surface lines	
	1912	1917	1922	1927	1932	1927	1932
Number of operating companies	975	943	858	682	485	678	478
Miles of all track [1]	41,065	44,835	43,932	40,722	31,548	39,851	30,519
First track (length of line)	30,438	32,548	31,264	27,948	20,110	27,667	19,783
Second and other tracks	10,627	12,288	12,668	12,775	11,437	12,184	10,736
Electric track with:							
Overhead trolley	38,958	42,491	41,418	[2] 38,246	[2] 29,448	[2] 38,225	[2] 29,379
Third rail and conduit trolley	1,747	2,051	2,314	2,270	[2] 1,886	1,419	[2] 927
Other (electric)	103	137	78	[2] 95	[2] 102	[2] 95	[2] 102
Number of cars	94,016	102,603	99,255	93,248	79,984	84,592	67,339
Passenger	76,162	79,914	77,301	70,309	59,692	61,881	50,593
Express, freight, and mail	7,794	11,534	11,406	13,337	12,509	13,337	9,266
Service cars	10,060	11,155	10,548	9,600	7,783	9,374	7,480
Number of electric locomotives	277	357	404	462	609	456	464
Horsepower of power-plant equipment [3] [4]	3,861,385	4,200,192	4,119,308	2,025,821	1,530,395	(5)	1,030,395
Steam turbines	1,462,800	2,322,692	2,856,006	1,561,457	1,244,423	(5)	864,423
Other steam engines [4]	1,703,088	1,221,223	827,027	420,889	252,422	(5)	132,422
Internal-combustion engines	24,190	28,294	32,495	7,700	3,500	(5)	3,500
Water wheels and turbines	471,307	627,983	403,778	35,775	30,050	(5)	30,050
Kilowatt capacity of generators [3]	2,505,316	2,924,779	2,972,834	1,470,904	1,126,714	(5)	751,714
Electric energy (1,000 kilowatt-hours) [3]	9,020,018	12,187,851	12,405,053	9,389,597	7,343,517	(5)	5,935,176
Generated [3]	6,002,659	7,240,503	6,473,451	2,975,863	2,433,176	(5)	1,265,000
Purchased	3,017,359	4,947,348	5,931,602	6,413,734	4,910,341	(5)	4,670,175
Passengers carried (thousands) [6]	12,135,342	14,506,915	15,331,400	14,901,435	9,888,535	12,678,849	7,848,091
Revenue passengers, including pay transfer	9,545,555	11,304,661	12,666,558	12,174,592	7,955,981	9,953,798	5,922,363
Free-transfer passengers	2,423,918	3,021,138	2,496,570	2,571,249	1,827,533	2,570,937	1,827,308
Free passengers	165,869	181,116	168,272	155,594	105,022	154,114	99,420
Revenue car mileage (thousands)	1,921,620	2,139,802	2,124,523	2,163,773	1,690,194	1,786,560	1,293,314
Passenger	1,885,870	2,087,819	2,068,294	2,084,566	1,650,726	1,707,353	1,253,846
Express, freight, and mail	35,750	51,983	56,229	79,207	39,468	79,207	39,468
Average number of revenue passengers:							
Per mile of all track [7]	232,556	252,323	288,600	299,733	271,258	259,826	208,433
Per passenger-car hour	48.38	53.69	61.14	59.68	54.33	57.66	48.70
Revenue car-hours (thousands)	190,478	203,057	201,838	202,513	148,649	178,837	123,806
Passenger	187,590	199,053	197,146	196,464	146,443	172,788	121,600
Express, freight, and mail	2,888	4,004	4,692	6,049	2,206	6,049	2,206
Salaried employees:							
Number	23,271	27,151	30,239	27,845	20,260	26,374	18,448
Salaries (thousand dollars)	26,129	33,910	57,489	56,647	40,147	52,770	35,621
Wage earners:							
Number	259,190	267,675	270,284	239,270	161,905	211,315	131,923
Wages (thousand dollars)	174,762	233,331	388,191	385,305	241,686	338,022	191,224
Conductors, motormen, and bus operators:							
Number	131,321	136,184	130,628	115,720	78,928	111,220	74,173
Wages (thousand dollars)	95,452	127,222	205,238	200,963	121,752	191,476	112,475
Other wage earners:							
Number	127,869	131,491	139,656	123,550	82,977	100,095	57,750
Wages (thousand dollars)	79,311	106,109	182,953	184,341	119,934	146,546	78,749

[1] Mileage expressed in nearest mile. Figures include track lying outside the United States (1912, 32 miles; 1917, 1922, and 1927, 27 miles; 1932, 24 miles).

[2] In 1927 overhead trolley includes 25 miles of surface lines operated by both overhead trolley and gas-electric motor cars; in 1932, includes 2 miles operated by both overhead trolley and conduit and 2 miles operated by both overhead trolley and oil-electric motor cars.

[3] Figures for power-plant equipment, capacity of generators, and output of stations in 1927 and 1932 are not comparable with those in prior years, as companies that formerly reported these data as auxiliary operations on railway schedules furnished separate and complete reports for light and power operations in 1927 and 1932. These are included in the statistics for "Central Electric Light and Power Stations". The number of companies that reported power-plant equipment in 1912 was 494; in 1917, 365; in 1922, 232; in 1927, 70; in 1932, 39.

[4] Includes 33 units with 41,100 horsepower of idle equipment in 1927 and 18 units with 63,167 horsepower of idle equipment in 1932.

[5] Not shown separately.

[6] Not including passengers carried by motor busses operated by electric railway companies (16,120,000 in 1922; 214,694,000 in 1927; 880,543,000 in 1932).

[7] Exclusive of idle track and freight and switching roads for all years except 1932.

Source: Bureau of the Census, Department of Commerce.

No. 440.—ELECTRIC RAILWAYS:

NOTE.—See headnote to table 438. The track mileage represents that actually lying in each State, but all ducted in other States. The differences among the States in the relation of passengers carried to of interurban as against purely urban traffic. Data for motor-bus lines represent those operated Revenue car mileage represents passenger, express, freight, and mail-car mileage

Division and State	Miles of track lying in State or division [1]				Revenue passengers carried by companies domiciled in State (thousands)					
							1927		1932 [3]	
	1912	1922	1927	1932	1912	1922 [2]	Car lines	Motor-bus lines	Car lines	Motor-bus lines
United States	**41,033**	**43,905**	**40,696**	**31,524**	**9,545,555**	**12,679,349**	**12,174,592**	**107,781**	**7,955,981**	**753,784**
New England	5,299	5,049	3,931	2,443	1,051,162	1,137,106	910,455	54,621	530,912	132,201
Maine	530	566	501	276	47,049	50,010	32,499	75	14,403	[4]
N. Hampshire	268	263	156	90	23,673	19,650	10,807	113	4,839	
Vermont	121	117	63	17	8,136	6,950	3,691	70	[5]	
Massachusetts	2,951	2,688	2,071	1,305	705,918	732,447	604,951	45,916	368,204	88,053
Rhode Island	435	403	304	183	94,086	143,009	105,210	8,447	[5] 143,376	[4] 44,148
Connecticut	993	1,011	836	572	172,300	185,040	153,297			
Middle Atlantic	10,064	10,519	9,473	6,922	3,513,721	4,976,230	5,172,379	174	3,840,352	305,089
New York	4,486	4,737	4,348	3,243	2,126,964	3,090,878	3,407,410	162	2,900,373	49,826
New Jersey	1,309	1,342	1,093	716	356,858	466,819	406,444	12	175,170	255,243
Pennsylvania	4,270	4,440	4,032	2,963	1,029,899	1,420,533	1,358,525		764,809	
E. N. Central	11,884	12,431	11,802	8,183	2,159,621	2,981,417	2,886,084	55,906	1,726,160	148,368
Ohio	3,999	3,974	3,486	2,513	632,332	872,164	726,069	24,552	420,642	59,784
Indiana	2,323	2,305	2,330	1,583	173,019	241,873	201,070	7,580	97,838	10,302
Illinois	3,136	3,416	3,298	2,456	932,668	1,128,105	1,257,594	10,282	821,250	16,665
Michigan	1,526	1,817	1,779	879	286,956	557,900	521,774	1,920	269,864	36,560
Wisconsin	840	919	909	751	134,646	181,375	179,577	11,572	116,566	25,057
W. N. Central	3,031	3,604	3,556	3,149	787,301	942,867	758,333	3,399	402,737	30,176
Minnesota	538	681	723	616	186,918	262,781	207,476		121,286	[7]
Iowa	784	999	982	891	93,418	95,494	66,883	1,675	32,109	4,948
Missouri	959	1,008	1,054	956	402,210	464,603	407,210	407	208,325	15,192
North Dakota	19	21	19	13	2,862	3,378	2,893		1,331	[7]
South Dakota	22	17	16		1,657	2,023	736	510		
Nebraska	214	206	192	157	64,709	76,846	51,890	132	30,119	[7] 4,175
Kansas	494	581	570	516	35,527	37,742	21,245	675	9,507	5,861
South Atlantic	2,900	3,191	3,063	2,734	616,725	830,514	743,305	9,401	416,799	46,573
Delaware	99	96	83	59	18,024	20,860	18,961		221,417	10,614
Maryland	720	758	731	667	180,828	248,594	227,918			
Dist. of Col	188	199	185	187	114,100	156,242	136,888	7,459		
Virginia	561	554	541	486	91,980	116,289	100,751		62,607	26,275
West Virginia	330	422	381	340	52,842	91,079	71,163		32,545	[11]
N. Carolina	190	216	205	190	21,241	29,964	25,443		13,946	2,881
S. Carolina	228	301	286	246	17,873	20,211	10,255		5,954	2,071
Georgia	417	449	425	360	86,601	105,958	98,564	265	52,279	[11] 2,628
Florida	165	197	226	199	27,236	41,317	53,362	1,677	28,051	2,104
E. S. Central	1,291	1,477	1,378	1,190	268,785	308,021	311,351		174,892	7,204
Kentucky	502	517	489	402	103,512	115,594	117,894		68,547	5,587
Tennessee	361	495	507	403	91,896	110,369	103,984		64,629	
Alabama	309	368	335	304	62,494	73,646	85,463		40,101	1,617
Mississippi	119	98	47	27	10,883	8,412	4,010		1,615	
W. S. Central	1,372	1,724	1,773	1,559	270,746	382,087	352,541	14,305	182,589	31,928
Arkansas	114	120	122	106	24,304	29,954	25,887	28	13,725	5,700
Louisiana	285	305	284	201	94,053	128,337	123,491	3,663	70,104	
Oklahoma	252	324	334	308	22,121	36,260	23,808	4,178	10,995	3,131
Texas	721	975	1,033	884	130,268	187,536	179,355	6,416	87,765	23,097
Mountain	1,048	1,291	1,137	1,043	154,224	148,743	118,004	1,283	58,625	2,579
Montana	99	111	109	190	15,351	15,255	14,108		3,757	1,794
Colorado	468	431	356	308	86,597	81,613	64,865	591	34,063	
New Mexico	11	11	11		951	1,425	516			
Arizona	46	44	37	22	4,554	5,474	5,432		[13]	
Idaho	129	149	121	46	4,170	3,256	837			
Wyoming	23	23			1,399	684				
Nevada	11	5	5		750	480	351			
Utah	260	517	498	476	40,452	40,561	31,895	692	[13] 20,805	785
Pacific	4,146	4,619	4,583	4,285	723,270	970,359	922,140	28,692	622,915	49,698
Washington	991	954	904	727	126,687	143,429	118,303	5,570	71,429	14,531
Oregon	549	612	548	560	75,842	71,804	60,471	2,652	45,334	
California	2,605	3,053	3,131	3,008	520,741	755,126	743,366	20,470	506,152	35,165

[1] Mileage figures expressed to nearest mile, original figures to nearest hundredth.
[2] Includes motor-bus operations.
[3] Includes trolley-bus operations.
[4] Data for Maine, Rhode Island, and Connecticut combined.
[5] Data for Vermont, Rhode Island, and Connecticut combined.
[6] Data for Rhode Island included with Massachusetts.
[7] Data for Minnesota, North Dakota, and Nebraska combined.

Operating Statistics, by States

other data relate to the total operations of companies domiciled in the State, part of which may be con-
passenger revenue and in other similar ratios are largely due to differences in the relative importance
directly by electric railways; lines operated by subsidiary and successor companies are not included.

Passenger revenue of companies domiciled in State (thousands of dollars)					Revenue car-miles operated by companies domiciled in State (thousands)					Division and State
	1927		1932 [8]			1927		1932 [8]		
1922 [9]	Car lines	Motor-bus lines	Car lines	Motor-bus lines	1922 [9]	Car lines	Motor-bus lines	Car lines	Motor-bus lines	
854,663	834,601	14,578	518,060	55,428	2,124,523	2,163,773	65,068	1,681,491	273,618	U.S.
87,704	79,752	4,607	43,262	10,400	173,083	154,549	15,971	106,242	40,904	N.E.
4,243	3,060		1,437	(4)	11,027	9,485	174	6,814	(4)	Maine.
1,585	924	44	410		4,006	2,767	71	1,838		N.H.
451	258		(5)		1,406	980	30	(5)		Vt.
58,521	55,198	[6] 4,563	31,692	7,142	105,162	96,723	13,166	68,819	26,444	Mass.
22,904	20,312	(5)	[5] 9,723		[4] 3,258	16,244	13,032	2,530	[5] 28,771	[4] 14,460 R.I.
						35,238	30,662			Conn.
297,560	308,687	17	219,363	19,288	710,550	755,120	55	664,046	75,473	M. A.
168,451	186,092	16	152,936	3,284	442,114	496,910	51	492,408	9,757	N.Y.
30,863	21,743	1	9,184	16,004	69,214	52,179	4	23,459	65,716	N.J.
98,246	100,252		57,243		199,222	206,031		148,179		Pa.
213,365	211,622	5,061	117,259	11,823	546,337	571,510	22,683	385,595	65,214	E. N. C.
55,359	50,309	1,989	25,743	3,980	141,247	136,400	7,081	83,663	20,851	Ohio.
20,286	18,579	513	7,399	1,023	58,552	63,782	4,043	41,971	7,566	Ind.
93,817	100,278	1,007	63,817	1,354	230,127	256,985	4,310	194,267	9,811	Ill.
31,473	29,186	196	12,896	3,353	83,571	78,929	1,316	37,936	16,383	Mich.
12,430	13,270	1,356	7,404	2,113	32,840	35,414	5,933	27,758	10,603	Wis.
66,880	56,599	394	34,188	2,497	174,012	159,097	2,303	122,072	16,985	W. N. C.
15,850	14,379		9,387	(7)	36,066	35,546		20,403	(7)	Minn.
7,850	5,968	175	2,652	360	20,152	23,892	783	15,881	3,109	Iowa.
34,137	30,106	[8] 167	18,660	1,344	80,738	76,702	180	61,094	7,192	Mo.
342	382		(9)	(7)	926	951		737	(7)	N.Dak.
					579	368	870			S.Dak.
4,930	3,695	12	[9] 2,646	[7] 375	13,980	11,291	65	7,911	[7] 2,886	Nebr.
3,771	2,069	40	843	412	12,571	10,347	396	7,046	3,798	Kans.
58,863	54,733	[10] 749	32,931	3,259	153,154	151,263	3,812	119,933	20,994	S. A.
					3,383	3,049				Del.
30,995	29,164		19,510	860	42,401	40,387		53,919	5,617	Md.
		(10)			21,037	20,082	2,775			D.C.
7,540	6,979		3,871	1,691	24,312	24,632		17,781	8,975	Va.
6,570	5,761		2,527	(11)	15,238	15,504		11,934	(11)	W.Va.
2,068	1,708		913	178	6,887	6,595		5,641	1,418	N.C.
1,755	751		395	143	7,719	7,399		6,283	1,367	S.C.
7,521	6,991	(10)	4,057	[11] 207	22,619	21,429	150	15,888	[11] 2,007	Ga.
2,414	3,379	(10)	1,658	182	9,058	11,586	887	8,487	1,610	Fla.
20,840	20,541		11,880	562	58,389	59,504		47,455	4,303	E. S. C.
7,643	7,764		4,879	450	20,372	21,480		17,496	2,755	Ky.
7,735	7,252		4,450		19,122	20,635		16,248		Tenn.
4,812	5,270		2,450	112	15,820	15,910		12,539	1,543	Ala.
650	255		101		3,075	1,479		1,172		Miss.
29,529	27,562	1,094	13,301	2,645	80,091	82,050	5,215	59,200	18,914	W. S. C.
1,781	1,530	3	794	382	5,735	6,371	26	5,138	2,380	Ark.
9,388	8,554	265	4,819		20,429	18,239	1,123	13,509		La.
3,127	2,443	301	1,040	269	9,350	9,017	1,416	7,548	2,374	Okla.
15,233	15,035	525	6,648	1,994	44,571	48,423	2,650	33,005	14,160	Tex.
11,459	9,072	136	4,613	211	32,739	32,187	723	21,404	2,029	Mt.
951	859		237		2,979	3,090		2,344		Mont.
6,222	4,898	(12)	2,834	144	15,746	15,152	259	10,639	1,368	Colo.
					410	334				N.Mex.
382	447		(13)		981	1,096		(13)		Ariz.
388					1,323	770				Idaho.
					253					Wyo.
					108	80				Nev.
3,516	2,868	[12] 136	[13] 1,542	67	10,939	11,665	464	[13] 8,421	661	Utah.
68,483	66,033	2,520	41,263	4,743	196,168	198,493	14,306	155,544	28,892	Pac.
12,273	10,587	972	5,385	1,949	36,299	32,273	3,953	23,558	11,527	Wash.
6,285	5,147		3,189		21,341	20,192	1,313	15,165		Oreg.
49,905	50,299	1,548	32,689	2,794	138,528	146,028	9,040	116,821	17,275	Calif.

[8] Data for Missouri and South Dakota.
[9] Data for North Dakota included with Nebraska.
[10] Figures for South Atlantic division represent District of Columbia, Georgia, and Florida.
[11] Data for West Virginia and Georgia combined.
[12] Data for Colorado included with Utah.
[13] Data for Arizona included with Utah.

Source: Bureau of the Census, Department of Commerce.

No. 441.—ELECTRIC RAILWAYS: INCOME ACCOUNT OF OPERATING COMPANIES

NOTE.—See headnote to Table 438

[All figures except percentages in thousands of dollars]

	All companies				Surface lines		Motor-bus lines	
	1913	1922	1927	1932	1927	1932	1927	1932
Gross operating revenue	567, 511	1,018,719	[1] 927,774	[1] 566,749	798,754	447, 928	68, 121	99, 887
Railway operations	535, 996	925,477	918, 869	566, 200	780, 849	447, 169	68, 121	99, 884
Passenger	502, 652	854, 663	834, 601	518, 060	713, 288	408, 431	65, 490	95, 851
Baggage, express, and milk	3, 688	5, 285	4, 271	1, 328	4, 271	1, 328	1, 763	2, 473
Freight	10, 165	31, 560	39, 125	17, 647	39, 125	16, 657		
Other railway operations	19, 491	33, 969	40, 873	29, 255	33, 165	20, 753	868	1, 555
Auxiliary operations	31, 515	91, 242	[1] 8, 905	[1] 459	8, 005	459		[2] 3
Operating expenses (total)	332, 896	727, 795	[1] 894, 460	[1] 442, 993	616, 258	364, 269	66, 002	94, 618
Railway operating expenses	318, 700	678, 563	686, 638	442, 607	608, 436	363, 883	65, 771	94, 618
Way and structures	44, 270	102, 003	96, 285	61, 000	85, 807	48, 074	23, 717	30, 134
Equipment	38, 717	87, 237	92, 865	55, 921	79, 249	43, 993		
Power	53, 599	107, 246	98, 602	70, 647	84, 508	56, 420		
Conducting transportation	[3] 129, 205	286, 690	294, 322	186, 515	262, 416	154, 633	42, 054	64, 484
All other	52, 909	95, 388	104, 564	68, 524	96, 457	60, 163		
Auxiliary operations	14, 196	49, 232	[1] 7, 822	[1] 386	7, 822	386	[4] 231	
Ratio of expenses to revenue (per cent)	58. 7	71. 6	74. 9	78. 2	77. 2	81. 4	96. 6	94. 7
Net operating revenue	234, 615	288, 924	[1] 233, 314	[1] 123, 756	182, 496	83, 359	2, 119	5, 269
Taxes	35, 028	64, 788	57, 809	40, 670	49, 594	33, 416	2, 880	6, 024
Operating income	199, 587	224, 136	[1] 175, 505	[1] 83, 086	132, 902	49, 943	[5] 761	[5] 755

[1] Figures beginning with 1927 not comparable with corresponding figures for prior years, as a number of companies that formerly reported their light and power departments in "auxiliary operations" furnished complete separate reports for these departments in 1927 and 1932 which are included in statistics for "Central Electric Light and Power Stations."

[2] Net surplus. [3] Includes superintendence of power.

[4] Not deficit. [5] Deficit.

Source: Bureau of the Census, Department of Commerce.

No. 442.—RECEIVERSHIPS OF ELECTRIC RAILWAYS

Year	Placed under receivership				Sold under foreclosure				Receivers' certificates
	Number of companies	Miles of track	Outstanding securities		Number of companies	Miles of track	Outstanding securities		
			Stock	Bonds			Stock	Bonds	
			Dollars	Dollars			Dollars	Dollars	Dollars
1910	11	697	12, 629, 400	75, 490, 735	22	724	19, 106, 613	26, 374, 075	[1]
1911	19	519	29, 533, 450	38, 973, 293	25	661	91, 354, 800	115, 002, 750	[1]
1912	26	374	20, 410, 700	11, 133, 800	18	267	14, 197, 300	10, 085, 250	[1]
1913	18	343	31, 005, 900	47, 272, 200	17	302	15, 243, 700	19, 094, 500	[1]
1914	10	362	35, 562, 550	19, 050, 460	11	181	26, 230, 700	44, 094, 241	[1]
1915	27	1, 163	40, 557, 950	39, 036, 100	19	308	30, 508, 817	16, 759, 997	[1]
1916	15	350	14, 119, 168	11, 434, 708	19	430	13, 895, 400	22, 702, 300	[1]
1917	21	1, 288	33, 597, 305	33, 344, 800	26	745	27, 281, 900	27, 313, 046	[1]
1918	29	2, 106	92, 270, 779	172, 015, 103	23	524	37, 740, 325	20, 149, 384	[1]
1919	51	3, 856	209, 424, 110	305, 760, 151	29	2, 675	89, 893, 400	79, 836, 738	42, 300
1920	19	1, 055	36, 467, 105	67, 755, 850	13	260	7, 782, 400	11, 227, 328	52, 000
1921	18	954	31, 714, 450	34, 252, 550	13	778	33, 642, 255	30, 363, 526	5, 000
1922	14	702	17, 596, 050	25, 160, 800	13	323	7, 491, 500	12, 640, 600	14, 683
1923	12	333	6, 760, 100	13, 255, 300	15	927	118, 077, 959	110, 638, 250	12, 265, 000
1924	13	1, 164	30, 355, 585	40, 290, 355	14	869	21, 022, 800	34, 845, 535	8, 440, 383
1925	13	1, 129	36, 291, 045	48, 632, 084	13	569	18, 074, 300	18, 329, 555	53, 000
1926	16	1, 281	16, 871, 390	117, 743, 311	28	1, 291	20, 054, 700	57, 340, 363	214, 000
1927	12	507	16, 895, 523	20, 292, 816	16	941	53, 345, 000	78, 445, 100	3, 140, 000
1928	8	396	8, 467, 200	15, 014, 400	8	1, 004	26, 084, 325	40, 683, 400	168, 150
1929	5	500	39, 035, 000	36, 373, 990	10	510	18, 472, 995	21, 173, 700	285, 359
1930	15	1, 705	79, 647, 700	97, 442, 081	8	1, 055	36, 254, 965	44, 564, 000	
1931	10	1, 526	40, 782, 922	45, 155, 383	12	845	38, 206, 600	19, 769, 600	50, 000
1932	20	1, 932	176, 333, 850	392, 719, 308	6	347	10, 685, 000	12, 609, 800	
1933	10	1, 736	39, 773, 300	119, 298, 196	8	405	9, 575, 405	16, 346, 700	7, 500
1934	5	246	3, 887, 600	7, 217, 100	6	329	13, 685, 100	19, 563, 000	

[1] Data not available.

Source: Annual Statistical Number, Transit Journal.

No. 443.—ELECTRIC RAILWAYS: Summary of Statistics of Subway and Elevated Lines [1]

	1907	1912	1917	1922	1927	1932
Number of companies	6	7	7	7	[2] 4	[2] 7
Miles of track [3]	420.4	517.8	666.1	857.9	870.9	1,028.4
Number of cars	4,453	5,706	6,801	8,096	8,654	12,645
Passengers carried (thousands)	640,705	1,004,823	1,274,652	1,745,167	2,222,586	2,039,445
Revenue passengers, including pay transfer	635,653	991,062	1,262,509	1,743,284	2,220,794	2,033,618
Revenue car mileage (thousands)	143,268	219,375	247,199	303,346	377,213	396,880
Average number of revenue passengers:						
Per mile of all track [4]	1,514,866	1,913,950	2,112,349	2,229,719	2,858,422	2,092,587
Per passenger-car hour	[5]	[5]	[5]	90.86	93.80	[5]
Salaried employees:						
Number	362	907	1,937	1,372	1,471	1,812
Salaries (thousands of dollars)	569	1,398	2,648	3,008	3,877	4,525
Wage earners:						
Number	12,501	19,008	26,835	26,007	27,955	29,982
Wages (thousands of dollars)	8,588	13,867	22,093	40,988	47,283	50,462

[1] Exclusive of the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group.
[2] Four companies were consolidated and treated as one company in 1927, but as separate companies in 1932.
[3] Includes a minor amount of surface trackage.
[4] Average for 1907 and 1912 based on all track exclusive of idle track and freight and switching roads; for 1917, 1922, and 1927, on running track exclusive of idle track and freight and switching roads; for 1932, on total main track.
[5] No data.

No. 444.—ELECTRIC RAILWAYS: Mileage of Elevated and Subway and Tunnel Track, by States

Note.—In these statistics all track is included; each track of a double or multiple line is counted separately. Mileage expressed in nearest tenth

Class of trackage and State	1912	1917	1922	1927	1932	Class of trackage and State	1912	1917	1922	1927	1932
Elevated, total	417.8	497.3	601.7	634.2	638.3	Subways and tunnels, total	112.7	218.8	325.6	342.4	510.3
New York	230.8	297.0	362.8	373.0	379.8	New York [1]	70.5	162.4	269.1	281.7	356.9
Illinois	141.9	146.9	163.9	178.7	178.7	Massachusetts	18.5	25.2	27.0	29.4	30.6
Pennsylvania	9.9	16.7	32.4	32.2	32.2	New Jersey [1]	11.7	12.6	12.6	12.6	12.6
Massachusetts	26.6	26.2	30.1	35.6	40.1	Pennsylvania	8.4	9.0	8.0	9.2	38.4
New Jersey	4.3	4.4	4.3	4.3	4.4	California	.3	5.4	5.4	5.9	8.5
Missouri	2.9	3.0	2.9	------	------	Illinois	1.9	1.9	1.8	1.8	61.2
Washington	------	------	2.7	7.8	------	All other States [2]	1.4	2.3	1.7	1.8	2.1
Maryland	1.4	1.4	1.4	1.4	1.4						
California	------	1.2	1.2	1.2	.6						
Kansas	------	.5	------	------	------						
Minnesota	------	------	------	------	1.1						

[1] Figures for New Jersey include 11.63 miles owned and operated by a New York company.
[2] Kansas, Missouri, Oregon, and Tennessee, 1912; Connecticut, Minnesota, Missouri, Rhode Island, West Virginia, and Wisconsin, 1917; Rhode Island, Minnesota, and Missouri, 1922; Minnesota, Missouri, Rhode Island, and Washington, 1927; Minnesota, Missouri, Montana, Rhode Island, and Washington, 1932.

No. 445.—ELECTRIC RAILWAYS: Finances of Elevated and Subway Lines

Note.—All figures in thousands of dollars. Data exclude the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group

Account	1907	1912	1917	1922	1927	1932
Income from all sources	34,258	55,246	70,213	108,483	132,135	121,612
Operating revenues	33,874	52,239	68,537	105,862	129,020	119,120
Operating expenses	15,129	23,613	31,669	67,660	78,202	78,723
Net operating revenue	18,745	28,626	36,868	38,202	50,818	40,397
Taxes of operating companies	1,986	3,501	5,136	6,441	8,215	7,253
Operating income	16,759	25,125	31,732	31,761	42,603	33,143
Miscellaneous income	384	3,008	1,676	2,621	3,115	2,492
Gross income	17,143	28,133	33,408	34,382	45,718	35,635
Deductions from gross income	11,473	18,902	21,347	34,856	33,907	34,036
Interest	3,701	9,654	10,442	19,225	23,270	26,451
Miscellaneous	7,772	9,248	10,905	15,631	10,637	7,585
Net income	5,670	9,231	12,061	[1] 474	11,811	1,599
Dividends	4,009	8,530	10,087	------	6,250	[2]
Surplus	1,661	701	1,974	[1] 474	5,561	[2]

[1] Deficit. [2] Not shown separately.

Source of tables 443, 444, and 445: Bureau of the Census, Department of Commerce.

No. 446.—MOTOR-BUS OPERATIONS: SUMMARY OF STATISTICS FOR LINES OPERATED BY ELECTRIC RAILWAYS, SUBSIDIARY, AND SUCCESSOR COMPANIES

NOTE.—Data for successor companies not available in 1927

	1927			1932			
		Operated by—			Operated by—		
	Total	Electric railway companies	Subsidiary companies	Total	Electric railway companies	Subsidiary companies	Successor companies
Number of companies	301	98	203	498	173	95	230
Number of routes operated	1,583	482	1,101	3,613	2,119	533	961
Miles of route (round trip)	29,267	7,073	22,194	77,897	21,556	20,577	35,764
Miles of street or highway served (one way)	14,299	3,313	10,986	36,052	9,708	9,363	17,581
Number of busses, total	8,277	2,004	6,213	15,064	6,559	3,070	3,435
Owned	7,818	1,885	5,933	14,076	8,083	2,961	3,032
Rented	459	179	280	988	476	109	403
Single-deck	7,745	1,976	5,769	14,486	8,256	2,828	3,402
Owned	7,303	1,797	5,506	13,554	7,831	2,719	3,004
Rented	442	179	263	932	425	109	398
Double-deck	532	88	444	578	303	242	33
Owned	515	88	427	522	252	242	28
Rented	17	----	17	56	51	----	5
Number of busses in operation	7,681	1,901	5,780	13,297	7,596	2,709	2,992
Average number of busses operated in scheduled service during year	6,238	1,585	4,653	10,703	6,205	1,979	2,519
Number of passengers carried (thousands)	875,402	214,694	660,708	1,302,318	880,543	225,984	195,791
Revenue passengers	771,806	163,199	608,608	1,135,500	749,423	202,531	183,546
Pay-transfer passengers	12,453	4,583	7,871	12,162	4,361	6,528	1,273
Free-transfer passengers	85,235	46,667	39,568	143,729	118,704	15,658	9,367
Free passengers	5,907	1,246	4,661	10,928	8,055	1,268	1,605
Number of bus-miles (thousands)	272,518	65,905	206,613	499,025	275,633	102,770	120,622
Revenue miles	270,483	65,068	205,415	494,922	273,618	101,345	119,959
Nonrevenue miles	2,035	837	1,198	4,103	2,015	1,425	663
Number of bus-hours (thousands)	24,927	5,716	19,210	43,308	24,521	8,955	9,832
Revenue hours	24,571	5,632	18,939	42,760	24,265	8,722	9,773
Nonrevenue hours	356	84	271	548	256	233	59
Number killed or died from injuries	108	15	93	95	60	15	20
Number injured but not killed	10,082	3,151	6,931	11,820	8,226	2,643	951
INCOME STATISTICS (thousands of dollars)							
Operating revenues	68,121	15,135	52,986	99,884	57,178	22,232	20,474
Transportation revenues	67,253	15,004	52,248	98,329	56,444	21,747	20,138
Miscellaneous	868	131	738	1,555	734	485	336
Operating expenses	65,771	15,272	50,500	94,618	52,247	22,054	20,317
Maintenance of plant and equipment	23,717	5,308	18,319	30,134	16,850	7,280	6,004
Operation	36,056	8,554	27,502	54,637	30,270	12,645	11,722
General expense including traffic promotion	5,998	1,320	4,678	9,847	5,127	2,129	2,591
Net operating revenue, motor-bus lines	2,349	[1] 187	2,486	5,266	4,931	178	157
Net revenue from auxiliary operations	[1] 231	----	[1] 231	4	----	----	4
Total net revenues, motor-bus and auxiliary	2,119	[1] 187	2,255	5,270	4,931	178	161
Taxes	2,880	584	2,295	6,024	3,388	1,431	1,205
Operating income, motor-bus and auxiliary	[1] 761	[1] 721	[1] 40	[1] 758	1,542	[1] 1,252	[1] 1,048
Nonoperating income	295	32	264	545	62	159	324
Gross income	[1] 466	[1] 690	224	[1] 209	1,605	[1] 1,094	[1] 720
Deductions from gross income	1,707	198	1,509	2,676	906	901	869
Net income	[1] 2,173	[1] 888	[1] 1,285	[1] 2,885	699	[1] 1,995	[1] 1,589
Number of employees	16,633	3,619	13,014	30,514	17,940	6,330	6,244
Salaried employees	2,333	265	2,068	3,896	2,105	827	964
Wage earners	14,300	3,354	10,946	26,618	15,835	5,503	5,280
Salaries and wages (thousands of dollars)	27,564	6,119	21,445	43,512	25,690	9,209	8,613
Salaries	3,340	657	2,683	6,439	3,351	1,337	1,751
Wages	24,224	5,462	18,762	37,073	22,339	7,872	6,862

[1] Deficit.

Source: Bureau of the Census, Department of Commerce.

No. 447.—CIVIL AERONAUTICS: Summary of Statistics

Item	1928	1930	1932	1933	1934
SCHEDULED AIR TRANSPORT OPERATIONS					
Services in operation Dec. 31	63	122	136	112	98
Miles of all airways in operation Dec. 31	16,067	49,549	48,530	47,687	50,801
Airplanes in service and reserve Dec. 31	325	600	564	504	518
Value	$7,000,000	$11,489,540	$8,763,432	$9,500,000	$10,500,000
Total personnel employed Dec. 31	1,496	3,475	[1] 5,588	[1] 6,273	[1] 6,455
Pilots employed	308	675	709	749	751
Airplane miles flown, all operators	10,673,450	36,945,203	50,932,967	54,642,545	48,786,551
Airplane miles flown daily, average for the year	29,242	101,220	139,542	149,706	133,662
Passengers carried	49,713	417,505	540,681	568,940	561,370
Average passenger-mile rate (domestic)	$0.11	$0.083	$0.061	$0.061	$0.059
Express and freight carried, pounds	216,644	468,571	1,600,821	2,452,812	3,449,575
Miles of mail airways Dec. 31 [2]	14,561	41,501	45,436	44,665	46,003
Airplane miles flown with mail [2]	7,846,296	19,904,185	36,053,067	41,671,490	[3] 27,340,293
Mail carried by contractors, pounds [2]	4,063,173	8,513,675	7,908,723	7,816,532	(4)
Mail income to contractors [2]	$7,432,721	$20,015,969	$26,234,321	$23,413,691	[5]$15,722,229
Average mail income per contract mile flown [6]	$0.94	$0.88	$0.56	$0.43	$0.37
MISCELLANEOUS [7]					
Airplane miles flown (misc. flying operations)	60,000,000	108,269,760	78,178,700	71,222,845	75,602,152
Miles airways lighted by Dept. of Commerce	6,988	15,258	19,500	18,655	19,081
Under construction	2,314	3,221	----	2,638	3,048
Beacons, revolving and flashing (Federally operated)	1,188	1,652	1,988	1,796	1,520
Beacons, privately owned and certified	54	140	228	269	310
Radio communication stations	29	45	61	68	71
Radio range beacon stations	2	33	68	94	112
Radio marker beacons	----	6	74	77	84
Weather reporting airway and airport stations [8]	----	143	234	205	206
Weather Bureau airway stations [9]	95	270	310	317	335
Weather Bureau first order stations	206	209	216	194	185
Commercial and private airports	365	564	645	713	618
Municipal airports	368	550	549	563	702
Intermediate landing fields—Dept. of Commerce—					
Lighted	210	347	337	246	250
Unlighted	----	7	15	19	9
Auxiliary airports—marked	340	240	476	550	580
Army, Navy, Marine Corps, National Guard, reserve and miscellaneous airports	81	74	95	97	138
Pilots licensed (active), airplane	4,887	15,280	18,594	13,690	13,949
Airplanes licensed (active)	3,165	7,354	7,330	6,896	6,339

[1] Includes operation and office personnel.
[2] All air mail routes, whether domestic or foreign.
[3] Includes 1,719,919 airplane miles flown by Army Air Corps.
[4] No comparable data; domestic mail carried, including Army operations, amounted to 4,922,279,969 pound-miles.
[5] Includes $2,249,004 paid to Army Air Corps.
[6] Domestic only, as foreign mail is carried on a mileage basis.
[7] All data, except airplane miles flown, are as of Dec. 31.
[8] Long line teletypewriter equipped.
[9] Radio and local teletypewriter equipped.

Source: Bureau of Air Commerce, Department of Commerce.

21.—WATERWAYS, WATER TRAFFIC, AND SHIPPING

[Data in this section cover the following areas unless otherwise indicated: From Board of Engineers of the United States Army, and Bureau of Foreign and Domestic Commerce, United States customs area which includes Alaska, Hawaii, and Puerto Rico; from United States Shipping Board, continental United States]

General note as to 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.

No. 448.—CARGO TONNAGE OF WATER-BORNE COMMERCE OF THE UNITED STATES

[In thousands of short tons of 2,000 pounds]

	1928	1929	1930	1931	1932	1933
Foreign commerce, total	126,768	127,510	114,110	89,526	70,429	89,467
Imports, through seaports	46,990	51,591	46,448	37,375	29,843	27,671
Exports, through seaports	59,151	55,761	48,148	38,841	30,039	31,197
Imports, Great Lakes ports	8,548	6,385	7,590	4,016	3,072	3,034
Exports, Great Lakes ports	15,379	13,773	11,924	9,294	7,475	7,565
Domestic commerce, unadjusted total	482,232	527,535	477,220	403,918	319,870	377,777
Coastwise, between ports	119,254	124,999	117,821	113,949	94,434	110,346
Great Lakes, between ports	119,301	135,838	109,791	71,788	39,544	69,240
Local traffic of seaports and Great Lakes ports[1]	77,925	91,892	81,403	70,814	57,929	57,903
Traffic between seaports and river points	37,672	39,632	35,601	34,044	24,134	23,244
Traffic on rivers, canals, and connecting channels[2]	128,080	135,174	132,604	113,323	103,829	116,954
Foreign and domestic, unadjusted total	609,000	655,045	591,330	493,444	390,299	447,244
Deduction of duplications:						
Traffic between seaports and river points	37,672	39,632	35,601	34,044	24,134	23,244
Other duplications (canals, etc.)[3]	32,128	31,613	35,449	13,752	23,676	29,896
Net total, foreign and domestic	539,200	583,800	520,280	445,648	342,489	394,104
Approximate net total, domestic[4]	412,432	456,290	406,170	356,122	272,060	324,637

[1] Includes the following, with figures for 1933: Harbor traffic of New York, Philadelphia, and San Francisco (33,413,000 tons); local traffic of other seaports (20,093,000); local traffic of lake ports (4,487,000).

[2] Excluding St. Marys Falls Canal traffic (40,308,000 tons in 1933) and additional Detroit River traffic (25,702,000 tons in 1933), both of which are already counted in Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.

[3] Principally coastwise and lake traffic passing through canals and connecting channels, other than the St. Marys Falls Canal and the Detroit River.

[4] Estimated from data in this table on the assumption that all the duplications deducted from the grand total represent duplications in domestic traffic; there are, however, some minor cases of duplication connected with foreign traffic.

Source: Board of Engineers for Rivers and Harbors.

No. 449.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS, 1933

NOTE.—In thousands of short tons of 2,000 pounds. In addition to the commerce here shown, many of the ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including in the case of New York, Philadelphia, and San Francisco, what is called intraport traffic between parts of a harbor for which separate statistics are maintained. These forms of traffic, although the aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic

Port	Imports	Exports	Coastwise	
			Receipts	Shipments
Grand total	27,670	31,197	111,128	109,584
Atlantic ports	22,768	8,558	76,381	36,684
Searsport, Me	2	6	399	223
Portland, Me	345	45	1,855	262
Portsmouth, N.H	12	-------	263	(1)
Boston Harbor, Mass	1,823	166	11,270	987
Beverly, Mass	27	-------	497	9
Salem, Mass	-------	-------	351	-------
Lynn, Mass	53	-------	203	-------
New Bedford and Fairhaven, Mass	(1)	(1)	644	30
Fall River, Mass	49	(1)	1,498	597
Newport, R.I	-------	-------	118	4
Providence, R.I	304	8	3,863	546
New London, Conn	22	-------	415	87
New Haven, Conn	13	6	1,884	195
Bridgeport, Conn	9	-------	973	44
Stamford, Conn	-------	-------	198	18
Greenwich, Conn	-------	-------	74	(1)
New York Harbor, N.Y	11,333	4,655	25,551	6,602
Hempstead, N.Y	-------	-------	215	1,593
Port Jefferson, N.Y	-------	-------	63	610
Philadelphia, Pa.[2]	4,299	1,446	13,673	4,894
Baltimore, Md	2,505	464	4,303	1,133
Hampton Roads, Va	512	812	1,549	16,082
Wilmington, N.C	162	16	714	16
Charleston Harbor, S.C.[3]	272	152	856	238
Savannah, Ga	359	296	1,003	479
Brunswick, Ga	25	61	263	179
Fernandina, Fla	-------	47	-------	4
Jacksonville, Fla	165	286	1,147	665
Miami, Fla	29	34	403	87
Key West, Fla	24	34	87	6
San Juan, P. R	220	18	449	179
Gulf ports	2,541	13,226	9,721	47,408
Charlotte, Fla	-------	205	1	246
Tampa, Fla	71	749	902	932
Pensacola, Fla	25	230	151	45
Mobile, Ala	172	715	686	344
Gulf ports—Con.				
Gulfport, Miss	26	121	21	2
New Orleans, La	1,761	2,131	3,691	2,549
Baton Rouge, La	-------	630	31	2,057
Galveston, Tex	161	1,027	513	1,090
Texas City, Tex	9	369	26	2,003
Houston, Tex	136	3,051	1,038	11,654
Freeport, Tex	-------	144	4	263
Port Aransas, Tex	-------	-------	-------	504
Sabine, Tex	-------	-------	-------	564
Port Arthur, Tex	2	2,163	669	8,702
Beaumont, Tex	102	1,081	676	13,620
Corpus Christi, Tex	(1)	233	125	296
Pacific ports	2,363	9,414	25,026	25,471
San Diego, Calif	34	12	427	28
Los Angeles, Calif	459	4,162	4,747	8,420
San Luis Obispo, Calif	-------	517	3	1,670
San Francisco Bay, Calif	779	2,138	10,061	5,346
Monterey, Calif	-------	-------	51	631
Humboldt, Calif	-------	14	159	187
Long Beach, Calif	55	279	756	1,375
Coos Bay, Oreg	-------	69	30	149
Portland, Oreg	94	521	2,228	1,059
Other ports on Columbia and Willamette Rivers	1	85	171	245
Longview, Wash	7	122	52	478
Grays Harbor, Wash	1	261	95	318
Port Gamble, Wash	7	20	1	187
Olympia, Wash	4	76	143	238
Tacoma, Wash	158	363	449	564
Seattle, Wash	308	395	2,804	1,179
Everett, Wash	26	95	172	370
Anacortes, Wash	135	3	111	134
Bellingham, Wash	23	87	216	236
Port Angles, Wash	96	18	99	156
Port Townsend, Wash	46	1	474	65
Port Ludlow, Wash	19	16	1	175
Honolulu, Hawaii	71	7	998	710
Kahului, Hawaii	7	1	161	206
Hilo, Hawaii	13	-------	145	234

[1] Less than 500 tons.
[2] Including Delaware and Schuylkill Rivers, Pa.
[3] Including Ashley River.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 450.—GREAT LAKES, COMMERCE OF THE PRINCIPAL PORTS

NOTE.—In thousands of short tons of 2,000 pounds. Foreign imports and exports and coastwise receipts and shipments are included

Port	Receipts				Shipments			
	1930	1931	1932	1933	1930	1931	1932	1933
Total	116,812	74,300	42,484	72,230	122,283	82,586	47,151	76,849
Agate Bay, Minn	101	67	7	65	7,102	3,742	460	3,878
Alpena, Mich	252	207	133	144	1,483	1,412	1,763	2,146
Ashland, Wis	786	590	337	287	5,655	3,259	756	2,689
Ashtabula, Ohio	6,451	2,123	406	2,338	4,323	4,021	3,460	3,382
Buffalo, N.Y	12,487	9,695	6,716	9,223	2,572	2,359	2,016	2,003

No. 450.—Great Lakes, Commerce of the Principal Ports—Continued

Port	Receipts				Shipments			
	1930	1931	1932	1933	1930	1931	1932	1933
Calcite, Mich.	93	40	24	169	8,660	3,753	1,323	2,643
Charlotte, N. Y. (Rochester)	149	138	74	63	925	851	503	427
Chicago, Ill.[1]	11,238	7,046	2,741	5,977	1,561	2,472	2,112	1,935
Cleveland, Ohio	9,620	4,083	2,230	6,929	2,198	1,953	1,929	2,673
Conneaut, Ohio	8,670	4,246	369	3,146	2,247	1,426	832	1,211
Detroit, Mich.	4,847	3,194	2,840	3,215	297	308	166	325
Duluth-Superior	11,247	8,766	6,615	7,251	34,480	17,692	3,904	15,328
Erie, Pa.	1,905	1,269	306	1,405	2,496	2,416	1,753	2,336
Escanaba, Mich.	222	154	119	204	4,543	1,784	368	1,833
Fairport, Ohio	3,071	1,719	674	2,214	840	529	1,052	987
Frankfort, Mich.	787	607	656	467	663	480	375	324
Gary, Ind.	6,723	3,997	379	2,701	190	60	58	56
Grand Haven, Mich.	444	365	242	204	543	447	595	214
Green Bay, Wis.	1,510	1,374	1,197	1,536	299	6	18	19
Huron, Ohio	1,005	489	205	583	903	828	569	617
Indiana Harbor, Ind.	5,211	3,012	838	2,275	1,294	1,406	1,478	1,319
Kewaunee, Wis.	221	168	151	119	239	207	149	109
Keweenaw Waterway, Mich.	803	493	97	143	22	22	18	47
Lorain, Ohio	3,422	2,286	772	2,870	2,028	1,468	981	1,143
Ludington, Mich.	862	222	540	699	1,351	1,541	872	901
Manistique, Mich.	123	88	50	48	151	85	61	81
Manitowoc, Wis.	1,308	1,083	801	821	606	503	514	404
Marquette Harbor, Mich.	193	162	99	149	617	459	137	407
Marquette Bay, Mich.	1				2,706	1,372	200	2,194
Menominee, Mich. and Wis.	484	409	338	508	196	173	108	111
Milwaukee, Wis.	6,122	4,840	4,185	4,820	1,581	1,682	1,044	1,503
Muskegon, Mich.	535	583	285	539	134	94	313	179
Ogdensburg, N. Y.	508	404	409	386	562	460	323	190
Rockport, Mich.	0	5	6	5	1,092	519	168	202
Rouge River, Mich.	4,472	3,270	2,149	2,773	404	420	483	907
Saginaw River, Mich.	1,014	738	441	731	96	312	366	308
Sandusky, Ohio	50	41	62	12	7,961	6,498	4,644	6,114
Sault Ste. Marie, Mich.	760	494	320	405	(2)	(2)	1	9
Sheboygan, Wis.	418	368	468	449	7	11	12	7
Sturgeon Bay, Wis.	26	27	23	12	763	210	198	78
Toledo, Ohio	3,553	1,439	1,035	1,865	15,970	13,133	9,697	12,984
Wyandotte, Mich.	1,577	1,349	1,229	1,671		23	38	58
All other	3,032	2,070	1,916	2,803	2,523	2,199	1,334	2,449

[1] Includes Chicago Harbor, Chicago River and Calumet Harbor.
[2] Less than 500 tons.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 451.—NEW YORK STATE CANALS: Tonnage of Freight Moved

Note.—In short tons of 2,000 pounds. Tonnage handled over State terminals but not moved through any portion of the canal channel is not included

Yearly average	All canals	Erie division, freight originating	Yearly average or year	All canals	Erie division, freight originating			
					Total	Grain	Sand, gravel, stone	Petroleum
1837–1840	1,339,016	771,741	1911–1915	2,448,837	1,626,451			
1841–1845	1,613,317	884,522	1916–1920	1,348,305	798,706			
1846–1850	2,781,410	1,556,696	1921–1925	1,905,291	1,548,408	630,453	333,250	191,406
1851–1855	3,976,501	2,141,476	1926–1930	2,904,575	2,397,042	933,602	282,640	397,328
1856–1860	3,911,407	1,889,759						
1861–1865	5,049,341	2,743,929	1926	2,369,367	1,935,278	795,598	287,189	263,202
1866–1870	5,937,724	3,018,359	1927	2,581,892	2,047,774	791,037	325,076	327,616
1871–1875	5,974,097	3,326,073	1928	3,089,998	2,535,684	1,118,788	307,642	343,593
1876–1880	5,219,888	3,542,020	1929	2,876,100	2,422,204	810,385	220,047	398,831
1881–1885	5,210,389	3,495,590	1930	3,605,457	3,044,271	1,152,200	264,292	653,399
1886–1890	5,281,441	3,589,631	1931	3,722,012	3,277,936	1,149,471	202,978	781,867
1891–1895	4,112,061	2,962,528	1932	3,643,433	3,186,094	1,039,698	130,674	880,095
1896–1900	3,544,951	2,446,065	1933	4,074,002	3,574,951	705,950	94,182	1,239,632
1901–1905	3,335,210	2,144,402	1934	4,142,728	3,645,125	883,510	35,483	1,518,020
1906–1910	3,238,120	2,206,595						

Source: Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 452.—ST. MARYS FALLS CANAL (SAULT STE. MARIE): General Traffic Statistics

Note.—Includes both American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., are based on total haul from port of origin to port of destination in process of performance by vessels passing through the canals

Season	Freight carried (1,000 short tons of 2,000 pounds)					Total ton-miles (millions)	Freight charges		Valuation of freight (millions of dollars)
	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	102
1895	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14	160
1900	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18	267
1905	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85	417
1910	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74	654
1915	71,290	56,369	14,921	66,877	4,413	59,317	41,084	.71	882
1920	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33	1,120
1921	48,259	32,113	16,146	43,016	5,243	38,043	43,344	1.14	746
1922	66,067	55,020	11,047	60,812	5,255	53,564	64,154	1.20	957
1923	91,380	71,236	20,144	83,795	7,585	73,218	80,843	1.10	1,026
1924	72,037	56,840	15,197	65,447	6,590	58,579	59,769	1.02	1,080
1925	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08	1,118
1926	85,679	69,530	16,149	78,006	7,673	69,360	78,517	1.13	1,064
1927	83,354	64,393	18,961	76,091	7,264	67,387	69,331	1.03	1,132
1928	86,993	70,166	16,827	78,072	8,921	70,259	81,281	1.16	1,183
1929	92,622	74,840	17,782	85,839	6,783	74,881	80,268	1.07	1,000
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04	761
1931	44,614	32,687	11,927	38,554	6,060	36,342	37,030	1.02	522
1932	20,481	11,822	8,659	14,274	6,207	17,091	16,063	.94	355
1933	40,308	30,544	9,764	33,967	6,340	33,139	33,807	1.02	534
1934	42,248	30,455	11,793	36,218	6,030	34,412	35,153	1.02	620

	1910	1915	1920	1925	1930	1933	1934
Passengers carried—number	66,933	50,336	68,451	56,956	45,303	20,943	33,636
Freight, eastbound—1,000 tons	47,134	56,369	63,464	67,305	57,067	30,544	30,455
Flour—1,000 bbls.	7,576	8,437	7,478	9,289	8,532	7,119	6,162
Wheat—1,000 bus.	86,260	255,482	143,456	292,818	243,927	198,698	173,034
Other grain—do	39,243	64,755	51,630	149,927	55,434	39,821	46,499
Lumber—1,000 ft. b. m.	[1] 603,101	[1] 456,451	[1] 192,854	[1] 186,486	[1] 150,986	14,577	27,807
Pulpwood—1,000 cords						128	130
Iron ore—1,000 short tons	41,600	45,212	56,643	53,821	46,990	22,226	22,945
All other—do	380	506	176	222	351	478	421
Freight, westbound—1,000 tons	15,299	14,921	15,818	14,570	15,831	9,764	11,793
Coal—do	13,514	13,357	14,156	12,874	14,059	8,266	10,408
All other—do	1,715	1,564	1,662	1,696	1,772	1,498	1,385

[1] 1,000 ft. b. m.

No. 453.—OHIO RIVER TRAFFIC: Tonnage, Ton-mileage, and Freight

Note.—Figures exclude ferry traffic. In 1933 the tons of freight carried on ferries were reported as 931,678 but the hauls, of course, are very short. The passengers carried other than on ferries for 1933 were 1,067,432. Leaders indicate data not available

Year	Freight carried	Ton-miles	Value of freight	Year	Freight carried	Ton-miles	Value of freight
	1,000 short tons	*Thousands*	*1,000 dollars*		*1,000 short tons*	*Thousands*	*1,000 dollars*
1921	7,308	844,895	93,275	1932—Total	14,317	1,392,229	153,757
1922	6,292	807,793	144,796	Up	1,857	----------	26,394
1923	8,281	----------	110,022	Down	4,315	----------	26,955
1924	10,867	----------	128,356	Inbound	6,080	----------	59,917
1925	15,737	825,497	151,622	Outbound	2,065	----------	40,491
1926	19,755	----------	150,086				
1927	20,129	1,214,491	168,423	1933—Total	16,751	1,708,423	199,235
1928	20,938	1,344,687	191,519	Up	2,518	----------	37,110
1929	21,955	1,512,585	192,308	Down	4,408	----------	35,418
1930	22,337	1,473,927	188,245	Inbound	7,929	----------	73,429
1931	18,071	1,486,445	166,987	Outbound	1,896	----------	53,278

Source of tables 452 and 453: Reports of the Chief of Engineers, United States Army.

No. 454.—LOWER MISSISSIPPI RIVER TRAFFIC: FREIGHT BY SECTIONS, AND PETROLEUM AT BATON ROUGE

NOTE.—In short tons of 2,000 pounds. Each section of the river is treated separately and some of the traffic of each is duplicated in others. The section "Between Ohio and Illinois Rivers" for 1923 to 1927 was reported as "Between Ohio and Missouri Rivers." Ferry traffic is not included

Year	Between Ohio and Illinois Rivers		Cairo to Memphis		Memphis to Vicksburg		Vicksburg to New Orleans		Petroleum, Baton Rouge [1]	
	Upbound	Downbound	Upbound	Downbound	Upbound	Downbound	Upbound	Downbound	Receipts	Shipments
1923	263,729	459,339	395,828	652,494	724,953	727,884	1,583,880	3,909,417	746,381	2,614,074
1924	300,009	438,719	528,431	624,590	917,475	748,965	1,589,202	6,044,075	766,463	3,872,316
1925	420,246	583,323	651,002	1,037,652	1,391,234	1,821,025	1,363,254	7,738,396	467,616	5,359,639
1926	420,379	585,600	732,729	927,459	1,165,142	3,627,638	1,462,325	9,612,163	2,828,072	6,116,517
1927	448,459	659,743	839,718	1,304,599	1,371,134	2,986,963	1,727,352	7,080,393	2,150,476	4,633,338
1928	474,173	956,010	855,631	1,675,625	1,856,842	2,946,998	1,680,541	6,974,085	1,372,071	4,804,534
1929	309,986	581,770	699,019	1,629,315	1,362,443	1,472,617	1,530,519	6,196,864	1,424,738	3,830,807
1930	341,158	585,709	726,417	2,104,930	949,015	1,428,553	2,540,936	6,636,769	830,296	3,560,042
1931	407,985	835,349	1,277,699	2,558,510	1,040,689	1,362,837	2,453,457	9,335,923	930,246	3,796,431
1932	608,982	968,408	1,140,997	1,764,265	2,200,004	2,574,598	2,589,318	5,893,243	644,754	4,310,034
1933	845,176	1,153,787	1,259,447	1,619,106	1,814,826	2,153,501	2,739,496	6,373,243	432,818	4,423,240

	Between Ohio and Illinois Rivers		Cairo to Memphis		Memphis to Vicksburg		Vicksburg to New Orleans	
	1932	1933	1932	1933	1932	1933	1932	1933
Upbound	608,982	845,176	1,140,997	1,259,447	2,200,004	1,814,826	2,589,318	**2,739,496**
Coffee	26,424	46,341	39,682	55,940	47,676	65,766	49,642	68,141
Fruits and vegetables, canned	34,179	26,997	50,789	36,076	59,550	45,091	59,617	48,914
Sugar	118,955	109,927	340,844	283,313	417,633	332,672	449,404	359,761
Sisal	46,909	52,291	49,555	47,180	49,642	47,895	49,642	47,875
Burlap and bagging	19,719	21,060	20,009	35,735	24,211	41,110	25,369	42,069
Logs, barged	2,174	----	15,650	9,865	8,268	17,249	3,962	787
Petroleum and products	1,545	7,079	214,654	237,902	552,903	499,878	1,661,354	1,685,428
Gravel and sand	1,378	----	8,060	13,691	269,750	211,733	----	600
Cement	39,754	20,781	1,067	2,689	40,500	12,500	13,833	10,568
Concrete	----	----	111,993	26,528	432,048	140,864	22,294	81,274
Sulphur	28,147	46,045	41,471	36,964	43,798	89,147	43,801	36,364
All other	289,738	514,655	247,223	423,564	254,035	310,921	210,400	298,715
Downbound	968,408	1,153,787	1,764,265	1,619,106	2,574,598	2,153,501	5,893,243	**6,373,243**
Wheat	31,241	21,497	29,313	10,464	30,810	2,888	30,810	2,888
Corn	131,353	154,072	157,803	141,416	157,803	132,000	160,352	131,992
Fruits and vegetables, canned	32,104	13,193	75,459	42,627	64,297	32,295	59,657	30,600
Tobacco	25	766	9,440	8,781	28,398	27,864	27,988	20,390
Cotton, raw	42	----	23,795	14,826	153,609	49,816	271,080	79,024
Logs, barged	482	399	5,500	9,805	----	1,430	23,373	67,485
Logs, rafted or floated	1,207	450	62,284	112,764	63,445	210,053	39,072	45,975
Coal and coke	14,073	38,044	108,492	100,774	41,785	34,473	475	64,265
Petroleum and products	23,884	51,401	7,942	17,963	442,795	389,981	4,926,004	5,472,445
Stone	394,803	494,753	148,962	81,468	204,894	121,557	2,650	----
Gravel and sand	2,067	3,541	245,271	238,837	266,213	279,686	7,618	5,848
Cement	112,087	43,451	62,480	71,821	172,835	9,419	12,079	1,604
Concrete	----	----	244,911	164,193	504,451	171,930	22,022	----
Iron and steel products	31,350	50,894	249,632	280,697	75,858	165,180	63,122	128,645
Machinery	7,875	8,775	38,154	13,463	32,337	21,243	13,776	14,285
All other	185,815	272,551	294,827	309,207	335,068	503,686	233,165	301,707

[1] Traffic is also included in report for Vicksburg to New Orleans.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 455.—UNITED STATES MERCHANT MARINE: DOCUMENTED TONNAGE

NOTE.—For definition of "gross ton" see general note, p. 392. All data after 1840 are as of June 30

Year	Number			Thousands of gross tons			Tonnage (thousands of gross tons) employed in—			
	Total	Steam and motor	All other[1]	Total	Steam and motor	All other[1]	Foreign trade	Coastwise and internal trade	Whale fisheries	Cod and mackerel fisheries
1789[2]				202		202	124	69		9
1800[2]				972		972	667	272	3	29
1810[2]				1,425		1,425	981	405	4	35
1820[2][3]				1,280		1,280	584	588	36	72
1830[2][3]				1,192	64	1,127	538	517	40	98
1840[4]				2,181	202	1,978	763	1,177	137	104
1850				3,535	526	3,010	1,440	1,798	146	152
1860				5,354	868	4,486	2,379	2,845	107	163
1870	28,998	3,524	25,474	4,247	1,075	3,171	1,449	2,638	68	91
1880	24,712	4,717	19,995	4,068	1,212	2,856	1,314	2,638	38	78
1890	23,467	5,965	17,502	4,424	1,859	2,565	928	3,409	19	68
1900	23,333	7,053	16,280	5,165	2,658	2,507	817	4,287	10	52
1910	25,740	12,462	13,288	7,508	4,900	2,608	783	6,669	9	47
1915	26,701	15,948	10,753	8,389	5,944	2,446	1,863	6,486	9	32
1920	28,183	18,814	9,369	16,324	13,823	2,501	9,925	6,358	4	38
1923	27,017	18,946	8,071	18,285	15,821	2,463	9,069	9,177	4	35
1924	26,575	18,750	7,825	17,741	15,315	2,425	8,794	8,911	3	32
1925	26,367	18,637	7,730	17,406	14,976	2,430	8,151	9,216	4	35
1926	26,343	18,689	7,654	17,311	14,848	2,463	7,719	9,552	3	38
1927	25,778	18,384	7,394	16,888	14,507	2,381	7,309	9,533	8	38
1928	25,385	18,270	7,115	16,683	14,347	2,336	6,934	9,706	7	36
1929	25,326	18,319	7,007	16,477	14,162	2,315	6,906	9,526	7	39
1930	25,214	18,211	7,003	16,068	13,757	2,311	6,290	9,723	7	42
1931	25,471	18,236	7,235	15,908	13,528	2,380	5,576	10,286	7	40
1932	25,156	18,224	6,932	15,839	13,568	2,271	5,071	10,728	2	38
1933	24,868	18,182	6,686	15,060	12,862	2,198	4,701	10,313	9	37
1934	24,904	18,335	6,569	14,862	12,687	2,175	4,598	10,220	9	35

Classes	Number					Thousands of gross tons				
	1910	1920	1930	1933	1934	1910	1920	1930	1933	1934
By utilization:										
Registered—										
Foreign trade	1,490	5,932	4,175	3,888	3,828	783	9,925	6,296	4,701	4,598
Whale fisheries	36	26	14	14	14	9	4	7	9	9
Enrolled—										
Coasting and internal trade	13,054	12,181	12,497	12,278	12,219	6,555	6,233	9,608	10,195	10,100
Cod and mackerel fisheries	395	196	261	238	232	39	32	36	31	30
Licensed—										
Coasting and internal trade	9,328	9,463	8,004	8,210	8,382	114	124	115	118	120
Cod and mackerel fisheries	837	385	263	240	229	8	6	6	6	5
By location:										
Atlantic and Gulf[5]	17,084	16,850	14,321	14,301	14,324	3,523	9,739	9,904	10,106	9,932
Pacific[6]	3,574	6,512	6,466	6,462	6,472	937	3,326	3,227	2,970	2,951
Northern lakes	3,273	3,091	2,450	2,209	2,206	2,895	3,139	2,758	1,814	1,802
Western rivers	1,809	1,730	1,977	1,896	1,902	154	120	178	170	177
By power:										
Sail	8,947	4,030	1,584	1,227	1,094	1,655	1,272	757	563	500
Steam[7]	12,452	8,103	6,087	5,470	5,332	4,900	13,466	12,775	11,788	11,599
Motor[7]		10,711	12,124	12,706	13,003		357	982	1,075	1,087
Canal boats	674	448	226	166	154	74	52	29	22	20
Barges	3,667	4,891	5,193	5,293	5,321	878	1,177	1,525	1,613	1,655
By material:										
Wood	23,527	23,781	20,211	19,923	19,921	3,391	3,876	2,554	2,324	2,261
Metal	2,213	4,402	5,003	4,945	4,983	4,117	12,443	13,514	12,736	12,601

[1] Sailing vessels, canal boats, and barges. [2] Dec. 31.
[3] The decrease of tonnage arises principally from the registered tonnage having been corrected in 1818, 1820, and 1830 by striking off all vessels the registers of which were granted prior to 1815, which were supposed by the collectors to have been lost at sea, captured, etc.
[4] Sept. 30.
[5] Including Puerto Rico in all years shown and Virgin Islands beginning 1920.
[6] Including Hawaii and Alaska. [7] Motor vessels included in steam in 1910.

Source: Reports of the Commissioner of Navigation.

No. 456.—VESSELS BUILT IN THE UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS

Yearly average or year[1]	Number	Gross tons	Year[1]	Number	Gross tons
1797–1800		72,574	1915	1,157	225,122
1801–1810		[2] 102,452	1916	937	325,413
1811–1820		89,797	1917	1,297	664,479
1821–1830	790	89,372	1918	1,528	1,300,868
1831–1840 [3]	[3] 945	[3] 121,713	1919	1,953	3,326,621
1841–1850 [4]	[4] 1,215	[4] 188,713	1920	2,067	3,880,639
1851–1860	1,464	365,864	1921	1,361	2,265,115
1861–1870	1,657	300,881	1922	845	661,232
1871–1880	1,454	253,801	1923	770	335,791
1881–1890	1,056	220,198	1924	1,049	223,968
1891–1900	1,055	235,699	1925	967	199,846
1901–1910	1,311	418,178	1926	924	224,673
1911–1920	1,449	1,090,038	1927	917	245,144
1921–1925	998	737,190	1928	969	257,180
1926–1930	928	222,054	1929	808	128,976
1910	1,361	342,068	1930	1,020	254,296
1911	1,422	291,162	1931	1,302	386,906
1912	1,505	232,669	1932	722	212,892
1913	1,475	346,155	1933	642	190,803
1914	1,151	316,250	1934	724	66,649

[1] Years ended Dec. 31 from 1797 to 1834; Sept. 30 from 1835 to 1842; June 30 beginning with 1843.
[2] Nine-year average, there being no record of the tonnage for 1802.
[3] Average for period Jan. 1, 1831, to Sept. 30, 1840.
[4] Average for period Oct. 1, 1840, to June 30, 1850.

Source: Reports of the Commissioner of Navigation.

No. 457.—VESSELS BUILT IN UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS: BY CLASSES AND REGION

NOTE.—For definition of "gross ton" see general note p. 392. Data are for years ended June 30

Class and where built	1911–1915, average	1916–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933	1934
Total.....number	1,342	1,556	998	928	1,302	722	642	724
Gross tons	282,272	1,090,604	737,190	222,054	386,906	212,892	190,803	66,649
Sailing.....number	70	82	38	9	4	2	3	3
Gross tons	16,339	70,599	27,685	305	52	18	46	33
Steam and motor.number	911	1,111	697	646	682	523	539	577
Gross tons	200,669	1,734,296	639,341	148,737	212,996	164,620	168,488	26,916
Canal boats.....number	36	19	9	5	1			
Gross tons	4,099	2,613	1,043	952	258			
Barges.....number	325	344	254	268	615	197	100	144
Gross tons	61,164	92,096	69,121	71,999	173,600	48,254	22,269	39,700
Metal.....gross tons	181,166	1,511,043	631,109	151,808	212,203	174,794	163,148	37,512
Wood.....do	101,106	388,561	106,081	70,246	174,703	38,098	27,655	29,137
Gross tons built on:								
New England coast	21,474	112,835	45,913	10,874	26,639	52,163	25,851	862
Middle Atlantic and Gulf coasts	149,941	833,438	442,721	123,600	287,884	133,625	151,823	37,390
Pacific coast	34,439	687,076	174,926	28,612	41,248	9,741	3,919	11,694
Northern lakes	69,794	260,138	58,317	45,292	19,535	11,813	2,044	4,404
Western rivers	6,623	6,117	15,313	13,676	11,600	5,550	7,166	12,299

Source: Reports of the Commissioner of Navigation.

No. 460.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL: By Nationality of Vessel

Note.—See general note, p. 392. Net tonnage is according to Panama Canal measurement

Nationality and year ended June 30	Number of vessels	Net tonnage (thousands)	Tolls (thousands of dollars)	Tons of cargo (thousands)	Nationality and year ended June 30	Number of vessels	Net tonnage (thousands)	Tolls (thousands of dollars)	Tons of cargo (thousands)
Total traffic:					Danish:				
1915–1934, total	79,493	368,761	336,543	363,707	1932	105	561	472	521
1919	2,024	6,125	6,173	6,917	1933	113	531	423	449
1920	2,478	8,546	8,514	9,374	1934	135	637	502	533
1921	2,892	11,416	11,277	11,599	Danzig:				
1922	2,736	11,417	11,198	10,885	1932	33	244	217	239
1923	3,967	18,606	17,508	19,568	1933	44	344	305	348
1924	5,230	26,149	24,201	26,995	1934	70	559	501	575
1925	4,673	22,855	21,401	23,959	French:				
1926	5,197	24,775	22,931	26,037	1932	81	455	372	339
1927	5,475	26,228	24,229	27,748	1933	66	382	305	249
1928	6,456	29,459	26,944	29,631	1934	92	509	405	431
1929	6,413	29,838	27,127	30,663	German:				
1930	6,185	29,981	27,077	30,030	1932	338	1,281	1,073	1,079
1931	5,529	27,792	24,645	25,083	1933	325	1,011	823	813
1932	4,506	23,625	20,707	19,808	1934	301	1,060	871	962
1933	4,494	22,822	19,620	18,178	Italian:				
1934	5,533	28,567	24,064	24,719	1932	67	479	414	215
United States:					1933	52	395	317	189
1915–1934, total	34,869	174,276	160,446	176,803	1934	68	478	378	256
1919	784	2,257	2,327	2,759	Japanese:				
1920	1,129	3,701	3,806	4,547	1932	179	980	992	1,032
1921	1,210	4,862	4,785	5,163	1933	217	1,180	1,154	1,160
1922	1,095	4,972	4,867	4,951	1934	258	1,413	1,378	1,511
1923	1,994	10,209	9,474	11,055	Netherlander:				
1924	2,947	15,807	14,483	16,654	1932	117	553	449	441
1925	2,326	12,271	11,302	13,080	1933	80	500	414	381
1926	2,432	12,565	11,540	13,711	1934	91	535	441	403
1927	2,085	13,915	12,720	15,242	Norwegian:				
1928	2,753	13,753	12,646	14,249	1932	311	1,530	1,215	1,427
1929	2,700	13,326	12,300	14,076	1933	407	2,014	1,571	1,773
1930	2,835	14,534	13,221	14,490	1934	450	2,237	1,748	2,031
1931	2,417	12,602	11,426	11,805	Panamanian:				
1932	1,917	10,791	9,749	8,835	1932	102	81	55	48
1933	1,686	10,099	8,934	7,988	1933	324	121	93	79
1934	2,209	13,226	11,187	11,578	1934	383	287	239	151
British:					Swedish:				
1932	1,054	5,006	5,072	4,638	1932	114	530	435	761
1933	1,039	5,660	4,814	4,171	1933	88	423	321	403
1934	1,208	6,831	5,757	5,193	1934	122	569	451	767
Chilean:					Miscellaneous:				
1932	5	9	8	6	1932	83	214	184	227
1933	7	27	25	28	1933	46	136	121	146
1934	7	27	24	22	1934	70	197	181	256

No. 461.—COMMERCIAL TRAFFIC THROUGH PANAMA CANAL: By Direction

Note.—A to P=Atlantic to Pacific; P to A=Pacific to Atlantic. See also general note, p. 392

Years ended June 30—	Number of vessels	Thousands of gross tons	Thousands of net tons[1]	Thousands of cargo tons		
				Total	A to P	P to A
1920	2,478	11,060	8,546	9,374	4,093	5,282
1921	2,892	14,522	11,416	11,599	5,892	5,707
1922	2,736	14,361	11,417	10,885	5,496	5,389
1923	3,967	23,633	18,606	19,568	7,086	12,482
1924	5,230	33,412	26,149	26,995	7,860	19,135
1925	4,673	29,148	22,855	23,959	7,398	16,560
1926	5,197	31,673	24,775	26,037	8,037	18,000
1927	5,475	33,556	26,228	27,748	8,583	19,165
1928	6,456	37,203	29,459	29,631	8,310	21,321
1929	6,413	37,465	29,838	30,663	9,883	20,780
1930	6,185	37,431	29,981	30,030	9,476	20,555
1931	5,529	34,233	27,792	25,083	6,680	18,402
1932	4,506	28,771	23,625	19,808	5,635	14,173
1933	4,494	27,185	22,822	18,178	4,512	13,666
1934	5,533	34,374	28,567	24,719	6,167	18,551

[1] Panama Canal measurement.

Source of tables 460 and 461: Report of the Governor of the Panama Canal.

No. 462.—EXPENSES AND REVENUES OF THE PANAMA CANAL

Year ended June 30—	Transit operations					Business operations		
	Tolls	Taxes, licenses, fines, etc.	Total transit revenues	Net canal transit expenses	Net revenues (surplus)	Business revenues [1]	Business expenses [1]	Net revenues (surplus)
Total, 1914 to 1921 [2]	$44, 565, 501	$1, 901, 291	$46, 466, 792	$45, 986, 067	$480, 725	$70, 840, 125	$69, 979, 538	$860, 587
Adjusted status to 1921 [2]	44, 565, 501	1, 420, 566	45, 986, 067	45, 986, 067	----------	71, 459, 710	70, 359, 400	1, 100, 310
1922	11, 193, 383	192, 209	11, 385, 592	8, 169, 018	3, 216, 575	7, 747, 228	7, 423, 968	323, 259
1923	17, 507, 631	184, 214	17, 691, 844	7, 940, 778	9, 751, 066	10, 872, 843	9, 732, 201	1, 140, 643
1924	24, 289, 603	392, 251	24, 681, 854	8, 623, 905	16, 057, 948	12, 968, 777	12, 067, 153	901, 624
1925	21, 374, 664	207, 954	21, 582, 618	8, 366, 693	13, 215, 925	14, 504, 115	13, 798, 198	765, 917
1926	22, 927, 456	217, 680	23, 145, 137	8, 243, 468	14, 901, 668	15, 874, 478	15, 033, 168	841, 310
1927	24, 217, 185	391, 624	24, 608, 809	9, 247, 715	15, 361, 094	15, 878, 655	15, 002, 118	876, 537
1928	26, 943, 513	232, 533	27, 176, 046	9, 201, 201	17, 974, 845	16, 929, 247	16, 192, 528	736, 719
1929	27, 123, 534	243, 391	27, 366, 926	9, 887, 151	17, 479, 775	17, 236, 785	16, 498, 936	737, 850
1930	27, 077, 117	349, 255	27, 426, 373	9, 503, 921	17, 832, 452	19, 865, 895	19, 104, 924	760, 972
1931	24, 644, 550	346, 030	24, 990, 581	10, 393, 354	14, 597, 227	19, 874, 825	19, 312, 061	562, 764
1932	20, 706, 508	327, 444	21, 034, 013	9, 839, 212	11, 194, 801	17, 530, 215	16, 973, 119	557, 095
1933	19, 621, 159	310, 014	19, 931, 173	9, 155, 672	10, 775, 501	16, 583, 950	15, 448, 242	1, 135, 709
1934	24, 065, 065	96, 667	24, 161, 732	7, 351, 384	16, 810, 348	15, 858, 897	14, 492, 142	1, 366, 755
Grand total	336, 256, 931	4, 911, 832	341, 168, 763	161, 999, 538	179, 169, 225	273, 245, 620	261, 438, 157	11, 807, 464

[1] Data beginning with 1931 not comparable with those for earlier years.

[2] To and including 1921 "Net revenues from business operations" shown in last column are included in "Taxes, licenses, etc.," "Total transit revenues," and "Net revenues from transit operations"; therefore the $480,725 shown under the latter is the net revenue to June 30, 1921, from all operations. In the adjusted total this item is transferred to "Surplus from business operations" by deducting from the amount shown in this column $379,862, which is added to "Business expenses." To "Business revenues," and to "Surplus from business operations," is also added $619,585 interest on public works in Panama and Colon received prior to June 30, 1921, but not taken up as a canal revenue.

No. 463.—MARINE WRECKS AND CASUALTIES OCCURRING TO VESSELS OF THE UNITED STATES: BY REGIONS

NOTE.—The table covers all disasters involving damage or loss amounting to $300 or more. The figures exclude some reports of casualties to United States vessels received after the closing of the report for the year which are not distributed by regions. Casualties to United States vessels in the Panama Canal Zone are not included in the table; data for 1934 are as follows: Vessels involved, 7; tonnage, 52,973; property loss, $67,600; persons on board, 775; no loss of life

Yearly average or year ended June 30—	Number of vessels		Vessel capacity—1,000 tons		Losses—1,000 dollars		Persons on board		Lives lost
	Complete loss	Partial loss	Complete loss	Partial loss	To vessel	To cargo	Passengers	Crews	
Total:									
1911–1915	296	952	126	1, 496	9, 551	2, 341	17, 389	22, 295	288
1916–1920	322	678	192	1, 487	39, 440	13, 803	9, 889	19, 733	651
1921–1925	253	665	113	1, 808	18, 794	4, 374	10, 207	19, 859	189
1926–1930	273	780	122	2, 258	17, 648	4, 159	11, 830	23, 372	219
1931	220	445	54	1, 378	12, 153	1, 816	7, 019	15, 520	139
1932	281	473	64	1, 499	11, 859	1, 560	8, 789	15, 209	118
1933	243	515	63	1, 657	9, 658	736	4, 765	16, 273	142
1934	179	654	69	2, 307	10, 404	2, 327	10, 328	20, 941	68
Atlantic, Gulf, and Pacific coasts:									
1931	127	233	24	598	6, 401	1, 519	3, 209	7, 167	82
1932	174	284	45	766	7, 413	939	5, 754	7, 698	60
1933	139	315	34	866	4, 687	339	2, 292	8, 959	94
1934	100	344	23	941	4, 246	999	6, 925	7, 885	42
Great Lakes:									
1931	11	34	7	102	888	57	40	840	27
1932	16	23	4	71	707	4	57	472	2
1933	17	35	7	122	929	28	18	907	7
1934	16	29	6	106	671	80	252	838	8
Rivers of the United States:									
1931	60	68	11	168	1, 639	43	1, 165	2, 050	10
1932	67	74	11	179	1, 788	104	94	1, 730	33
1933	75	67	16	155	2, 364	204	928	1, 877	28
1934	43	103	4	352	1, 673	201	881	3, 021	8
At sea and in foreign waters:									
1931	22	110	12	509	3, 224	197	2, 605	5, 453	20
1932	24	92	4	483	1, 961	518	2, 884	5, 309	23
1933	12	98	6	514	1, 678	165	1, 527	4, 530	13
1934	20	178	36	908	3, 814	1, 047	2, 270	9, 197	10

Sources: table 462, Report of the Governor of the Panama Canal; Table 463, U. S. Coast Guard, Treasury Department.

No. 464.—VESSELS CONTROLLED BY THE UNITED STATES SHIPPING BOARD MERCHANT FLEET CORPORATION: As of Dec. 31

NOTE.—For definition of deadweight tons see general note, p. 392. The number of tugs is shown under "All other" except as noted; there is no tonnage for these

Origin and class	1933	1934		Class	1933	1934	
	Deadweight tons	Number	Deadweight tons		Deadweight tons	Number	Deadweight tons
Grand total	[1] 2,425,734	[1] 285	[1] 2,411,518	Steel—Continued.			
				Cargo and passenger	42,024	4	42,024
ORIGIN				Refrigerators	64,665	9	64,665
Requisitioned steel	402,351	47	411,033	All other	10,964	[3] 5	10,904
Contract steel	1,890,866	217	1,867,968	Wood, composite, and concrete		[2] 3	
Contract wood or concrete		[2] 3					
Purchased	77,004	9	77,004	Active steel	453,831	51	428,044
Seized enemy	53,949	6	55,513	Cargo	453,831	48	428,044
All other	1,564	[2] 3		All other		[2] 3	
				Inactive steel	1,971,903	231	1,983,474
CLASS				Cargo	1,863,650	217	1,875,221
				Cargo and passenger	42,024	4	42,024
Steel	[1] 2,425,734	[1] 282	[1] 2,411,518	Refrigerators	64,665	9	64,665
Cargo (completed)	2,308,081	264	2,293,865	All other	1,564	1	1,564

[1] Includes 13 vessels of 105,605 deadweight tons transferred or returned to Merchant Fleet Corporation in 1933, and 3 vessels of 10,883 deadweight tons in 1934.
[2] Tugs.
[3] Includes 3 steel tugs.

No. 465.—CARGO TONNAGE OF FOREIGN AND INTERCOASTAL COMMERCE

NOTE.—*In thousands of cargo tons of 2,240 pounds.* Coastwise trade other than from Atlantic and Gulf to Pacific and vice versa is not included

	Total United States ports [1]			Atlantic coast ports			Gulf coast ports		
	1931	1932	1933	1931	1932	1933	1931	1932	1933
Total commerce	[2] 87,567	[2] 70,441	[2] 70,561	45,340	35,354	35,282	18,742	14,599	14,488
Inbound	45,615	30,933	36,461	32,626	26,336	26,206	4,115	3,482	2,953
Outbound	49,228	39,247	41,707	12,714	9,018	9,076	12,627	11,117	11,484
With foreign countries [3]	75,913	60,555	58,953	37,542	28,934	27,280	15,424	13,213	12,963
Imports	35,864	28,710	26,567	26,745	21,372	19,756	3,555	2,918	2,259
Exports	40,049	31,845	32,386	10,797	7,562	7,524	11,869	10,295	10,694
Intercoastal				6,448	4,920	6,590	827	810	1,018
Inbound	7,276	5,739	7,607	4,902	3,816	5,419	367	308	494
Outbound	7,276	5,739	7,607	1,486	1,113	1,171	460	502	523
With noncontiguous territories [4]	4,378	4,147	4,001	1,350	1,491	1,412	491	576	467
Imports	2,475	2,484	2,287	919	1,148	1,031	193	256	200
Exports	1,903	1,663	1,714	431	343	381	298	320	267

	Pacific coast ports			Great Lakes ports			Ports in all territories and possessions [5]		
Total commerce	21,750	17,391	19,446	11,011	8,836	9,002	[6] 7,363	[6] 6,941	[6] 7,267
Inbound	5,366	4,420	4,602	3,508	2,696	2,700	[6] 3,586	[6] 4,392	[6] 4,450
Outbound	16,384	12,972	14,845	7,503	6,139	6,302	[6] 3,777	[6] 2,549	[6] 2,817
With foreign countries [3]	11,937	9,572	9,717	11,010	8,836	9,002	[6] 430	[6] 584	[6] 544
Imports	2,056	1,724	1,852	3,508	2,696	2,700	[6] 371	[6] 552	[6] 511
Exports	9,881	7,848	7,865	7,502	6,130	6,302	[6] 59	[6] 32	[6] 33
Intercoastal	7,276	5,739	7,607	1					
Inbound	1,947	1,615	1,694						
Outbound	5,329	4,124	5,913	1					
With noncontiguous territories [4]	2,537	2,080	2,122		[6]		[1] 6,933	[1] 6,357	[1] 6,723
Imports	1,363	1,081	1,056				[1] 3,215	[1] 3,840	[1] 3,939
Exports	1,174	1,000	1,066				[1] 3,718	[1] 2,517	[1] 2,784

[1] Continental United States.
[2] Duplication in intercoastal trade is eliminated.
[3] In showing trade of Continental United States ports, Philippine Islands, Virgin Islands, and Canal Zone are included with foreign countries.
[4] Alaska, Hawaii, Puerto Rico, Guam, Samoa.
[5] Territories and possessions named in notes 3 and 4.
[6] Excluding trade with foreign countries of Canal Zone, Guam, Samoa, Virgin Islands, and Philippine Islands; data not available.

Source of tables 464 and 465: United States Shipping Board Bureau, Department of Commerce.

No. 466.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS

NOTE.—**In thousands of cargo tons of 2,240 pounds.** This and the following tables do not include cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity

	Imports in vessels of—					Exports in vessels of—				
	Total	U. S. Shipping Board	Independent American	British	Other	Total	U. S. Shipping Board	Independent American	British	Other
Total:										
1921	33,185	4,835	18,620	9,730		48,640	7,329	11,228	30,083	
1922	44,682	5,269	22,665	8,600	8,148	42,502	6,644	10,205	14,109	11,544
1923	43,296	3,031	19,753	9,218	11,294	49,080	6,903	9,286	18,824	14,067
1924	40,890	2,663	19,630	8,406	10,200	52,261	6,663	11,653	18,867	15,078
1925	43,135	2,285	18,930	9,586	12,334	49,666	5,624	10,092	18,386	15,564
1926	44,686	2,888	18,217	10,702	12,879	68,140	5,591	11,531	28,269	22,749
1927	42,183	2,195	19,263	9,328	11,397	56,935	6,185	12,510	20,728	17,512
1928	47,395	2,063	22,124	10,591	12,617	58,829	5,071	14,217	21,147	18,394
1929	50,985	1,824	23,408	12,173	13,580	57,475	4,618	13,303	20,624	18,930
1930	47,502	1,429	23,304	10,451	12,289	49,731	3,236	11,678	17,210	17,607
1931	35,864	1,036	16,028	7,288	11,462	40,049	2,805	8,463	13,518	15,463
1932	28,710	633	12,691	5,940	9,446	31,845	1,698	6,449	10,712	12,985
1933	26,567	632	10,386	6,438	9,111	32,386	749	7,606	10,107	13,924
1934	29,814	476	12,291	7,076	9,971	37,821	541	8,895	13,164	15,222
Per cent distribution:										
1921	100.0	15	56	29		100.0	15	23	62	
1934	100.0	2	41	24	33	100.0	1	24	35	40
Dry cargoes:										
1921	15,823	2,173	6,177	7,473		42,660	6,604	9,561	26,495	
1925	30,352	2,077	9,692	8,064	10,519	39,298	5,467	6,592	14,387	12,852
1926	32,085	2,323	9,132	9,386	11,244	55,851	5,486	7,838	23,222	19,305
1927	30,740	2,027	10,381	8,165	10,167	43,416	5,986	8,617	15,449	13,364
1928	32,988	2,052	11,347	8,889	10,700	43,940	5,017	9,923	15,990	13,010
1929	34,318	1,817	11,018	10,013	11,470	42,698	4,610	9,664	15,827	12,597
1930	31,656	1,429	11,606	8,533	10,088	35,362	3,236	8,433	13,150	10,543
1931	23,094	1,036	7,294	5,740	8,974	28,202	2,605	6,173	10,533	8,891
1932	17,357	633	5,292	4,250	7,182	21,774	1,698	4,774	8,360	6,942
1933	18,883	632	5,308	5,193	7,750	21,850	749	6,076	7,955	7,070
Per cent distribution:										
1921	100.0	14	39	47		100.0	15	23	62	
1933	100.0	3	28	28	41	100.0	4	28	36	32
Tanker cargoes:										
1921	17,362	2,662	12,443	2,257		5,980	725	1,667	3,588	
1925	12,783	208	9,238	1,522	1,815	10,368	157	3,500	3,999	2,712
1926	12,601	565	9,085	1,316	1,635	12,289	105	3,693	5,047	3,444
1927	11,443	168	8,882	1,163	1,230	13,519	199	3,893	5,279	4,148
1928	14,407	11	10,777	1,702	1,917	14,889	54	4,294	5,157	5,384
1929	16,667	7	12,390	2,160	2,110	14,777	8	3,639	4,797	6,333
1930	15,907	-------	11,788	1,918	2,201	14,369	-------	3,245	4,060	7,064
1931	12,770	-------	8,734	1,548	2,488	11,847	-------	2,290	2,985	6,572
1932	11,353	-------	7,399	1,690	2,264	10,071	-------	1,675	2,353	6,043
1933	7,684	-------	5,078	1,245	1,361	10,536	-------	1,530	2,152	6,854
Per cent distribution:										
1921	100.0	15	72	13		100.0	12	28	60	
1933	100.0	-------	66	16	18	100.0	-------	15	20	65
North Atlantic ports:										
1930	31,477	1,013	13,896	7,547	9,021	13,132	1,282	2,435	4,405	5,010
1931	25,349	794	10,388	5,292	8,874	10,205	1,098	1,903	3,007	4,198
1932	20,387	444	8,151	4,305	7,487	6,946	535	1,503	1,806	3,102
1933	18,895	512	7,213	4,303	6,867	6,816	399	1,646	1,506	3,265
South Atlantic ports:										
1930	1,748	46	878	267	557	810	49	218	275	268
1931	1,396	24	687	246	439	593	39	202	203	148
1932	985	13	557	117	298	616	41	200	213	162
1933	861	27	315	109	411	708	44	198	239	228
Gulf ports:										
1930	4,801	369	2,076	625	1,731	14,229	1,886	1,795	3,443	7,105
1931	3,555	208	1,535	375	1,378	11,869	1,451	1,661	2,450	6,307
1932	2,918	176	1,494	256	992	10,296	1,112	1,388	2,217	5,579
1933	2,259	93	955	215	997	10,094	306	2,178	1,728	6,482
Pacific ports:										
1930	2,905	1	1,200	729	975	11,965	19	3,624	3,105	5,217
1931	2,056	(1)	824	479	753	9,881	16	2,010	2,456	4,798
1932	1,724	(1)	642	476	606	7,848	10	2,038	1,697	4,103
1933	1,852	-------	744	385	723	7,865	-------	2,199	1,795	3,871
Great Lakes ports:										
1930	6,632	-------	5,344	1,283	5	9,505	-------	3,606	5,982	7
1931	3,509	-------	2,595	895	19	7,502	-------	2,087	5,403	12
1932	2,606	-------	1,347	786	63	6,139	-------	1,320	4,780	39
1933	2,700	-------	1,159	1,427	114	6,302	-------	1,386	4,839	78

[1] Less than 500 tons.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 467.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: BY TRADE REGIONS AND INDIVIDUAL COUNTRIES

NOTE.—In cargo tons of 2,240 pounds. Note that a country may appear in part under one trade region and in part under another. Minor countries are omitted but their trade is included in regional totals

Foreign origin or destination	Imports			Exports		
	1931	1932	1933	1931	1932	1933
Grand total	35,864,286	28,710,280	26,566,967	40,042,246	31,844,566	32,385,550
United Kingdom	984,003	835,630	908,388	5,463,020	4,289,504	3,813,908
England	584,601	562,415	618,536	4,778,987	3,850,684	3,448,039
Ireland	7,033	2,653	2,687	274,923	182,706	128,390
Scotland	172,314	130,988	101,561	360,691	216,090	207,832
Wales	170,055	139,574	185,604	49,019	33,948	29,642
North Atlantic and Baltic Europe	1,279,619	1,180,845	1,476,926	1,456,656	1,015,781	930,866
Greenland	6,212	2,000	3,000	400		1,338
U. S. S. R. (Russia)	95,465	120,683	94,595	77,138	10,890	19,802
Finland	201,362	185,166	216,786	98,508	43,220	36,595
Norway	213,248	254,973	261,869	208,243	143,889	119,047
Sweden	699,871	541,974	737,209	390,043	314,030	312,780
Denmark	18,108	9,020	33,320	619,613	361,347	235,012
Danzig	27,534	14,240	74,384	13,344	2,062	9,698
Poland	8,541	15,225	15,662	7,760	39,051	105,008
Germany		3,613	12,454	63,577	81,892	58,195
Estonia	9,178	12,441	12,012			8,247
Latvia					3,930	14,144
Lithuania			8,535	8,000	15,500	11,000
Havre-Hamburg range	2,300,068	1,896,386	1,878,856	6,812,646	5,560,660	5,686,383
Germany	975,566	800,799	772,066	2,304,388	1,933,287	1,743,356
Netherlands	470,561	493,909	535,361	1,790,444	1,272,434	1,192,790
Belgium	703,620	503,321	474,254	1,332,432	1,030,605	947,013
France	150,291	98,357	96,575	1,385,382	1,315,334	1,802,624
South Atlantic Europe	389,499	326,837	462,094	739,733	815,033	865,054
France	19,677	10,213	16,610	443,819	558,839	528,036
Portugal	39,305	33,169	63,302	50,317	37,836	42,240
Spain	330,239	283,118	382,068	202,917	183,763	209,021
Azores Islands	214	131	102	2,053	1,227	357
Canary Islands	64	200		37,070	34,020	84,225
Madeira		0	12	2,957	248	1,169
West Mediterranean	573,782	367,020	435,941	1,769,292	1,595,835	1,819,154
Spain	102,428	72,458	119,584	275,634	236,273	211,083
France	49,581	36,005	36,364	431,412	554,728	643,581
Italy	281,229	221,161	214,126	928,744	755,209	917,692
Yugoslavia	6,941	3,308	3,158	6,648	3,312	4,661
Malta			10	6,641	7,035	8,805
Tunisia	153	2,545	28,375	20,950	7,184	772
Algeria	86,590	31,687	18,198	97,228	29,546	30,222
Morocco	46,860	366	16,136	2,035	2,258	2,337
East Mediterranean and Black Sea	858,287	596,983	602,128	419,134	380,506	151,379
Rumania	9,938	23,966	9,045	3,568	5,626	3,490
U. S. S. R. (Russia)	736,725	453,988	442,280	134,201	14,896	1,234
Turkey	32,169	49,392	65,472	4,708	2,938	13,534
Cyprus	1,276	316	2,202			
Greece	50,447	41,108	41,107	102,466	271,308	49,833
Egypt	20,697	22,282	33,618	74,157	55,703	57,182
Palestine	135	247	248	4,502	6,263	12,926
Syria	6,581	5,335	5,966	5,532	3,152	13,180
West Indies	8,996,201	7,227,284	4,903,551	2,035,949	1,237,510	1,319,221
Cuba	2,094,649	2,590,867	2,422,947	1,107,026	642,839	637,697
Jamaica	268,919	106,604	42,846	101,965	56,881	71,142
Bahama Islands	13,678	6,684	6,294	22,376	16,047	13,220
Haiti	24,134	31,808	36,546	49,213	44,246	40,006
Dominican Republic	134,832	107,892	146,368	65,404	51,582	69,715
Lesser Antilles	5,566,855	4,382,153	2,246,882	628,513	395,476	458,533
Bermudas	3,134	1,276	1,068	61,452	30,439	22,908
Mexico	1,672,513	1,692,394	1,355,589	377,709	328,478	249,746
Central America	1,060,916	863,701	872,657	962,803	543,952	689,990
British Honduras	18,643	7,086	4,668	14,512	14,545	7,910
Guatemala	121,186	93,481	93,674	60,396	46,302	51,313
Honduras	555,899	345,499	357,144	66,504	61,255	70,639
Nicaragua	79,173	94,067	92,575	37,666	16,633	17,923
Costa Rica	95,798	126,202	110,174	28,990	21,449	22,437
Panama	60,935	75,328	85,494	4,394	2,899	9,460
Canal Zone	121,879	117,644	118,152	720,386	359,728	485,300
El Salvador	7,403	4,334	10,776	23,955	21,051	25,008

No. 467.—Cargo Tonnage of Water-Borne Imports and Exports: By Trade Regions and Individual Countries—Continued

Foreign origin or destination	Imports			Exports		
	1931	1932	1933	1931	1932	1933
North Coast South America	5,102,783	4,783,663	3,578,635	173,308	123,423	158,662
Venezuela	3,059,657	2,908,086	2,266,395	93,870	70,794	92,857
British Guiana	135,424	71,894	33,008	5,282	3,472	4,941
Surinam (Netherland Guiana)	189,482	126,869	106,004	11,234	8,805	7,802
French Guiana	108	4		2,551	3,044	2,701
Colombia	1,718,052	1,616,810	1,173,228	60,371	37,217	50,361
East Coast South America	1,418,689	906,547	1,206,552	1,466,247	1,192,364	924,003
Brazil	795,800	537,262	616,949	673,325	735,891	481,503
Uruguay	29,177	22,285	37,229	142,495	51,693	84,213
Argentina	574,682	347,000	549,534	628,829	404,780	428,287
South Atlantic Islands	19,030		4,840	20,598		
West Coast South America	1,691,033	598,393	927,274	704,304	203,174	299,886
Colombia	34,158	25,067	19,343	16,857	6,783	11,100
Chile	1,441,350	366,276	713,409	566,848	132,506	212,726
Peru	86,468	82,250	85,146	94,115	54,725	59,796
Ecuador	129,057	124,791	109,376	26,484	9,160	16,264
West Africa	296,581	177,788	176,091	180,639	133,350	103,985
Morocco	18,725	11,028	11,907	21,763	11,232	8,796
Cape Verde Islands	30	894	20	2,140	2,188	1,563
Senegal	20			36,746	18,385	4,901
Sierra Leone	2,567	2,309	2,242	6,528	5,348	3,649
Liberia	156	113	176	923	591	440
Ivory Coast	20,874	9,853	3,991	7,587	6,618	5,881
Gold Coast	108,162	85,363	97,904	38,118	31,129	31,244
Togo				3,009	2,435	1,768
Dahomey	3,488	2,430	263	4,571	3,107	1,561
Nigeria	65,593	48,716	41,667	28,845	20,317	18,500
Cameroons	397	110	566	4,626	2,805	3,798
Gabon		17		2,260	3,626	3,791
Belgian Congo	21,389	16,864	17,333	9,296	6,756	9,397
Southwest Africa	80			3,318	1,873	1,761
Angola	86	82	22	6,016	6,486	3,390
South and East Africa	123,985	66,435	56,853	363,092	211,463	254,902
Union of South Africa	21,558	22,484	22,408	250,285	125,580	161,058
Mozambique	97,826	40,557	34,436	76,133	58,781	70,315
British East Africa	[1] 1,425	[1] 160		[1] 20,913	[1] 9,337	8,527
French Somaliland	2,876	3,244	9	3,542	1,032	373
Madagascar				7,460	7,395	6,293
Mauritius Island				2,957	5,378	5,040
Australia and Antarctic Region	207,254	83,745	74,009	838,589	1,008,257	879,576
New Guinea	5,435	2,191	105	2,574	1,626	2,591
New Zealand	48,527	15,149	23,582	344,907	314,113	296,860
Australia	74,049	31,073	17,790	471,986	672,528	561,590
Fiji Islands	6,034	3,007	1,896	3,807	2,415	5,884
New Caledonia	28,780	16,602	15,150	1,311	2,354	
Society Islands	11,294	5,945	6,731	6,142	6,046	3,168
Gilbert Islands	3,119	3,629	4,244	12	108	8
Tasmania	32			4,765	6,679	5,694
East Indies	846,534	821,140	841,472	232,815	168,760	136,957
Straits Settlements	435,762	320,928	353,771	40,777	22,021	23,800
French Indo-China and Siam	1,940	7,305	510	25,017	30,901	7,688
Sumatra	118,432	129,659	159,478	15,857	9,714	9,858
Java	243,263	275,846	245,440	142,110	87,084	90,200
Borneo	6,588	4,131	7,556	386	10,852	1,500
Celebes	27,705	66,545	71,869	8,216	2,338	3,911
East Asia	1,700,942	1,665,107	2,186,884	6,126,187	4,910,733	5,571,928
China	270,460	129,338	173,151	2,026,467	1,216,225	1,213,586
U. S. S. R. (Russia)	2,530	2,090	1,976			24,165
Japan	308,152	299,566	482,267	3,571,978	3,211,406	3,768,446
Philippine Islands	1,119,800	1,234,113	1,529,490	527,742	483,102	565,731
India, Persian Gulf, and Red Sea	660,312	432,330	573,862	339,559	185,114	186,038
Anglo Egyptian Sudan	3,537	3,974	4,848	363		47
Egypt	645	382	680	242	394	4,789
Iraq	22,872	23,015	17,341	206	9	
Arabia	3,610	3,060	3,953	8,486	3,368	5,566
Persia	105		1,502	1,714	1,730	
India	565,039	351,151	490,421	305,793	167,071	166,313
Ceylon	64,504	50,748	55,117	22,755	12,542	9,323
Canada	5,751,405	4,207,652	4,046,905	9,556,964	7,943,972	8,273,907
Pacific	711,192	537,081	428,155	988,957	910,809	841,030
Atlantic and Newfoundland	1,531,662	1,015,872	1,022,454	1,096,353	929,527	1,205,099
Great Lakes	3,508,551	2,654,699	2,596,296	7,501,654	6,103,636	6,227,778

[1] Kenya and Tanganyika Territory only.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 468.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: BY STATES AND INDIVIDUAL PORTS

NOTE.—In cargo tons of 2,240 pounds. State totals cover all tonnage, including small ports not shown

State and port	Imports			Exports		
	1931	1932	1933	1931	1932	1933
North Atlantic District	25,348,505	20,386,921	18,895,148	10,205,495	6,946,480	6,815,887
Maine, total	726,083	476,292	393,075	60,279	92,075	44,925
Portland	437,788	266,520	296,238	57,856	86,475	39,285
New Hampshire: Portsmouth	47,764	21,630	13,724	2,500	1,204	
Vermont	372					
Massachusetts, total	2,781,252	2,231,152	1,690,701	210,152	195,508	146,767
Boston	2,228,622	1,779,429	1,584,022	207,107	194,108	146,679
Everett	20,850	11,800	10,000			
Fall River	462,606	373,060	43,429	2,215		11
Rhode Island, total	671,841	419,532	310,855	186	3,411	7,384
Providence	671,841	419,532	310,855	186	3,411	7,384
Connecticut, total	65,524	40,557	47,291	4,368	9,361	5,311
New Haven	13,164	13,807	13,188	4,368	9,356	5,311
New London	19,766	13,275	20,248		5	
New York, total [1]	12,874,085	10,899,265	10,049,433	6,000,251	4,191,736	4,093,477
New York [1]	12,707,818	10,679,148	9,651,539	5,991,868	4,125,472	4,008,859
New Jersey, total		12,663	9,566	28,112	4,181	53,222
Paulsboro		9,100		28,112	4,181	53,222
Pennsylvania: Philadelphia [1]	3,174,599	2,917,461	3,065,642	1,507,552	1,071,144	1,241,189
Delaware, total	342,087	256,328	412,166	1,247	1,134	3,285
Claymont	95,631	94,640	133,418	1,247		
Wilmington	246,456	161,688	278,748		1,134	3,285
Maryland: Baltimore	3,950,276	2,639,876	2,423,028	794,029	540,509	453,678
District of Columbia	720					
Virginia, total	713,902	481,175	479,667	1,596,819	836,217	766,649
Newport News	121,591	86,705	72,040	488,445	208,673	206,366
Norfolk	592,311	394,470	389,360	1,044,274	477,062	482,454
South Atlantic District	1,395,782	985,236	860,722	592,519	615,494	708,170
North Carolina: Wilmington	220,683	77,653	140,795	7,069	12,488	13,210
South Carolina, total	313,794	276,359	228,644	108,811	111,773	117,339
Charleston	313,794	276,359	228,644	104,351	109,865	115,147
Georgia, total	428,799	286,045	316,722	283,404	250,834	284,049
Brunswick	39,067	27,856	21,724	41,072	43,351	53,005
Savannah	389,732	258,189	294,998	242,332	207,483	231,044
Florida, east coast, total	432,506	345,179	174,561	193,235	240,399	203,572
Fernandina		893		39,200	41,555	41,925
Jacksonville	277,114	232,806	152,848	143,326	193,242	247,014
Miami	155,192	111,480	20,733	9,105	5,602	3,504
Gulf District	3,556,397	2,917,670	2,258,803	11,868,010	10,295,497	10,694,254
Florida, west coast, total	279,198	196,660	146,677	1,212,977	885,341	1,133,403
Boca Grande	60	11		201,443	115,518	181,311
Key West	57,062	63,681	33,086	95,652	40,034	28,130
Pensacola	72,163	27,132	26,378	198,349	215,333	201,828
Tampa	135,674	84,635	70,191	699,680	492,667	688,200
Alabama: Mobile	254,381	223,854	171,815	367,737	470,233	397,387
Mississippi	46,301	17,576	20,470	100,033	91,017	97,149
Louisiana, total	2,322,621	1,963,379	1,592,955	3,024,513	2,460,609	2,371,336
Baton Rouge	111,868	165,576		960,447	769,461	493,191
Lake Charles	12,823	2,990	4,963	96,513	112,985	113,210
New Orleans	2,197,930	1,794,813	1,587,992	1,924,189	1,543,798	1,757,944
Texas, total	652,896	516,201	326,886	7,163,750	6,388,297	6,694,979
Beaumont	4,222	4,359	1,993	424,314	352,036	560,053
Corpus Christi	4,629	2,557	53	265,845	209,955	301,644
Freeport				149,606	112,657	110,943
Galveston	228,054	205,796	144,438	1,201,691	1,374,498	381,593
Houston	253,855	145,232	94,208	3,606,020	2,730,917	2,645,560
Orange	10,235	1,735		4,597	5,982	2,565
Port Arthur	86,373	149,680	79,446	1,362,903	1,496,102	1,852,005
Texas City	65,528	6,842	6,748	122,383	80,169	297,845

[1] Includes commerce of New Jersey ports which enters or clears through this customhouse.

No. 468.—Cargo Tonnage of Water-Borne Imports and Exports: By States and Individual Ports—Continued

State and port	Imports			Exports		
	1931	1932	1933	1931	1932	1933
Pacific District	2,056,051	1,724,264	1,852,253	9,880,568	7,847,662	7,865,013
California, total	1,359,602	1,109,492	1,205,913	6,773,545	6,045,899	5,854,090
Eureka	1,004			9,510	5,785	9,834
Los Angeles	537,603	420,608	443,335	4,324,304	3,568,487	3,067,277
San Diego	12,158	7,771	10,528	7,000	1,366	5,729
San Francisco[1]	808,727	681,021	751,550	1,945,003	1,780,542	1,889,575
Port San Luis	110	2		476,870	623,122	753,691
Oregon, total	87,898	63,578	80,485	1,205,728	654,587	611,816
Astoria	1,009	87	4,303	86,179	34,998	34,506
Coos Bay				90,741	42,624	61,755
Portland	80,545	63,491	73,214	961,700	543,343	485,710
Prescott				15,506	12,636	7,941
Wauna				8,856	4,070	5,629
Westport				10,501	7,878	2,672
Washington, total	608,551	551,184	505,855	1,901,295	1,147,176	1,399,107
Anacortes	18,856	1,320	54,557	4,104	3,503	2,684
Bellingham	7,504	15,843	19,121	51,692	36,794	61,684
Everett	28,605	5,014	4,099	157,154	54,717	100,282
Grays Harbor	2,132	500	157	295,609	145,693	204,965
Longview	4,276	2,782	5,323	95,113	88,818	118,962
Olympia	1,426	106	77	170,931	50,828	75,203
Port Angeles	98,255	84,777	71,998	31,185	11,764	18,490
Port Townsend	11,456	81,185	36,855	11,915	2,419	1,146
Seattle	222,206	218,893	227,428	536,911	353,190	376,823
Tacoma	207,551	139,900	143,858	473,876	340,536	322,231
Vancouver	500		544		1,876	7,478
Willapa Harbor	200		1,634	22,162	28,914	75,482
Great Lakes District	3,508,551	2,696,199	2,700,041	7,501,654	6,139,483	6,302,226
New York, total	2,360,608	1,874,530	1,408,919	1,930,923	1,592,524	1,308,995
Buffalo	2,009,729	1,644,357	1,151,505	790,926	824,525	651,717
Ogdensburg	92,033	79,300	72,690	135		
Oswego	9,564	35,322	23,746	76,441	61,527	68,732
Rochester	131,538	67,240	17,243	697,231	415,564	346,332
Sodus Point				354,210	274,818	229,067
Tonawanda	50,325	4,928	34,328			
Waddington	56,800	28,070	81,450			
Pennsylvania: Erie	209,840	105,380	261,542	1,136,093	409,582	706,654
Ohio, total	116,748	96,636	146,867	3,227,490	3,421,454	3,532,804
Ashtabula	3,186	14,312		643,617	877,632	771,472
Cleveland	67,009	33,192	86,242	392,861	456,621	471,205
Conneaut	2,500			156,875	182,670	212,729
Fairport	15,646	7,880		151,543	498,116	146,458
Lorain	6,484	4,000	5,762	184,510	95,278	122,259
Sandusky	1,370	2,120	2,061	738,663	377,661	673,948
Toledo	15,450	35,132	52,802	960,747	933,476	1,132,333
Indiana	4,494	160		117,538	13,861	570
Illinois: Chicago	188,241	154,054	306,308	66,816	324,385	157,946
Michigan, total	428,663	344,077	363,798	456,158	294,578	502,537
Algonac	2,412	2,300	300	7,350		
Bay City	20,851	8,500			14,563	
Detroit	215,630	151,500	177,058	221,548	244,228	380,187
Escanaba	8,918	4,994	3,570	116,729	10,075	86,094
Marquette				88,250	8,000	10,120
Port Huron	81,062	71,517	59,098	7		4,408
Sault Ste. Marie	32,092	9,125	4,548	4,665	2,139	2
South Haven	12,978	56,710	77,657			
Wyandotte	23,200	1,815	12,424		6,300	5,018
Wisconsin, total	162,103	95,717	183,622	407,280	71,087	84,958
Ashland	87,866	7,000	49,274	118,591	9,784	20,721
Milwaukee	19,809	28,453	48,752		430	13,491
Superior	7,802	253	5,120	284,853	58,193	50,746
Minnesota, total	37,854	25,645	28,985	159,356	12,012	7,762
Duluth	37,854	25,645	28,985	156,625	11,560	7,762

[1] Includes all ports within San Francisco Bay.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 469.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: BY MAJOR COMMODITIES AND BY COASTAL DISTRICTS

NOTE.—In thousands of cargo tons of 2,240 pounds. Leaders indicate no data, or less than 500 tons

Commodity	1930	1931	1932	1933					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Imports, total	**47, 562**	**35, 864**	**28, 710**	**26, 567**	**18, 895**	**861**	**2, 259**	**1, 852**	**2, 700**
Wheat	2, 585	1, 823	1, 040	1, 148	6	------	------	1	1, 141
Other grains	348	297	58	295	129	------	3	15	150
Oil seeds	378	477	257	418	354	------	------	31	34
Vegetable oils	502	452	342	446	325	------	54	59	9
Vegetables and vegetable products, n. e. s.	800	634	504	504	454	8	18	113	1
Animal, fish, and dairy products	376	318	254	263	168	2	21	68	3
Bananas	1, 535	1, 349	1, 048	970	516	27	369	58	------
Coconuts and copra	341	272	259	345	71	------	33	240	------
Other fruits and nuts	302	243	202	172	139	------	23	9	------
Sugar	3, 104	2, 743	2, 617	2, 487	1, 840	126	413	91	18
Molasses	1, 202	936	959	956	722	------	234	------	------
Coffee	751	801	603	745	431	8	226	81	------
Cocoa	170	190	217	213	205	------	3	5	------
Tobacco and manufactures	46	40	32	32	27	------	3	2	------
Cotton	61	32	45	46	38	------	------	8	------
Cotton manufactures	63	50	41	54	34	------	1	18	------
Wool	69	69	25	86	72	------	------	14	------
Wool manufactures	15	12	13	12	10	------	------	1	------
Silk	29	34	31	27	12	------	------	15	------
Silk manufactures	8	11	10	14	13	------	------	2	------
Jute	46	57	32	57	52	2	1	2	------
Jute manufactures	343	228	192	208	113	11	52	32	------
Other vegetable fibers and grasses	286	237	255	246	122	3	94	22	5
Textiles and manufactures, n. e. s.	67	55	54	83	57	------	13	9	5
Hides, skins, and manufactures	188	129	92	159	152	------	------	7	------
Furs and fur skins	11	9	10	14	13	------	------	1	------
Rubber	526	535	427	437	410	------	4	23	------
Pulpwood and wood pulp	2, 731	2, 184	1, 732	2, 183	1, 244	21	26	81	812
Paper stock, n. e. s.	145	63	47	73	59	------	3	12	------
Paper and manufactures	638	607	682	704	320	24	66	93	202
Clays	295	190	125	142	122	------	1	7	11
Clay manufactures	88	50	41	58	39	------	1	18	------
Coal and coke	825	707	740	642	601	------	------	42	------
Petroleum and products	14, 424	11, 717	10, 370	6, 677	6, 353	151	141	9	23
Gypsum	808	649	332	324	208	------	6	26	------
Pyrites	403	286	238	360	344	13	------	12	------
Nonmetallic minerals, n. e. s.	3, 338	898	471	447	242	1	7	52	145
Iron ore	3, 163	1, 677	690	968	963	------	2	------	3
Manganese and manganese ore	607	537	107	198	165	------	3	2	28
Iron and steel and manufactures	547	453	411	401	259	5	43	46	49
Copper and manufactures	513	359	215	185	116	------	------	69	------
Miscellaneous metals and mfrs.	671	509	358	325	134	------	122	59	11
Logs and lumber	1, 220	727	465	470	246	3	13	200	8
Dyeing and tanning materials	169	131	107	153	149	1	1	2	------
Potash	796	442	225	347	158	142	37	5	5
Nitrates	683	691	302	470	121	235	77	36	------
Other fertilizers	214	154	128	207	68	53	18	64	3
Pigments, chemicals, and mfrs., n. e. s.	584	430	333	388	206	19	109	38	16
All other	488	361	278	306	204	1	20	61	20
Exports, total	**49, 731**	**40, 049**	**31, 845**	**32, 386**	**6, 816**	**708**	**10, 694**	**7, 865**	**6, 302**
Wheat	4, 544	3, 911	2, 736	1, 000	701	------	11	144	145
Rye	21	18	75	9	9	------	------	------	------
Corn	103	76	214	139	25	------	45	------	69
Barley	283	304	191	152	4	------	2	147	------
Oats	33	38	33	9	6	------	3	------	------
Rice	118	133	116	59	4	------	49	7	------
Other grains	20	84	250	18	11	------	3	4	------
Wheat flour	1, 290	935	526	381	219	------	39	112	11
Oil-cake and meal	214	402	277	337	205	------	98	32	2
Vegetables and vegetable products, n. e. s.	239	192	291	182	129	2	22	29	1
Animal, fish, and dairy products	626	507	449	462	274	39	60	64	26
Fruits and nuts	743	924	830	732	176	6	17	533	------
Sugar	135	110	123	94	68	2	19	3	2
Naval stores	321	271	270	315	4	239	68	2	2
Tobacco and manufactures	292	255	211	221	166	11	42	1	------
Cotton	1, 501	1, 590	2, 104	1, 985	41	114	1, 784	46	------
Cotton manufactures	45	42	50	45	29	10	5	1	------
Other textiles and manufactures	90	56	56	62	50	------	11	1	------
Hides, skins, and manufactures	22	26	20	18	11	------	------	6	------
Rubber and manufactures	77	57	35	42	29	------	4	8	1
Paper stock and manufactures	244	248	228	250	90	------	22	137	1

No. 469.—Cargo Tonnage of Water-Borne Imports and Exports: By Major Commodities and by Coastal Districts—Continued

Commodity	1930	1931	1922	1933					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Exports—Continued.									
Coal and coke	9,685	7,536	5,580	6,393	449	24	165	6	5,748
Petroleum and products	17,046	13,833	11,422	11,741	1,676	9	5,488	4,565	4
Sulphur	574	389	350	520	7	-------	512	1	-------
Cement	106	67	52	104	19	-------	9	76	-------
Nonmetallic minerals and mfrs., n. e. s.	333	236	130	206	49	14	24	85	34
Iron ore	746	464	54	160	1	-------	-------	-------	158
Iron, steel, and manufactures	1,284	632	491	1,202	759	62	229	124	29
Machinery	550	315	101	110	98	1	5	7	-------
Vehicles	572	326	160	220	206	1	1	9	3
Copper and manufactures	318	235	147	161	104	-------	7	50	-------
Ores, metals and manufactures, n. e. s.	255	195	124	136	40	-------	60	36	-------
Logs and lumber	4,169	3,175	2,166	2,564	78	130	943	1,413	-------
Phosphates	1,228	917	574	849	22	41	783	2	2
Other fertilizers	187	213	216	154	117	1	4	31	2
Pigments, chemicals, and mfrs., n. e. s.	510	456	567	671	392	-------	129	97	53
All other	1,198	882	624	681	548	3	33	87	10

Source: United States Shipping Board Bureau, Department of Commerce.

No. 470.—NET TONNAGE OF VESSELS ENTERED AND CLEARED IN FOREIGN TRADE

Note.—Domestic trade is not included. For definition of net tonnage see general note, p. 392. Figures cover years ended June 30 to and including 1918, calendar years thereafter. Owing to the marked effect of the war on shipping a special average for the 6½ years July 1, 1914, to Dec. 31, 1920, is presented

[In thousands of net tons]

Yearly average or year	Entered		Cleared		Year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports		Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492	1903	24,698	6,396	24,823	6,493
1850	3,169	1,179	3,167	1,194	1904	24,111	5,841	24,192	5,824
1860	5,000	3,275	5,257	3,533	1905	24,793	6,190	26,020	6,138
1870	6,270	2,886	6,362	2,807	1906	27,401	6,754	26,970	6,814
1871–1875	8,462	2,997	8,514	2,994	1907	29,248	7,374	28,499	7,491
1876–1880	12,134	2,792	12,197	2,807	1908	30,444	8,095	30,198	8,084
1881–1885	13,604	2,931	13,781	2,917	1909	30,243	8,815	29,604	8,592
1886–1890	13,479	2,602	13,655	2,593	1910	30,917	9,319	30,510	9,196
1891–1895	16,801	2,816	16,965	2,876	1911	32,457	10,218	32,299	10,138
1896–1900	20,931	3,989	21,077	4,007	1912	34,659	11,499	34,706	11,711
1901–1905	24,551	5,939	24,633	5,918	1913	37,973	12,666	37,566	13,586
1906–1910	29,651	8,071	29,156	8,036	1914	40,052	13,337	39,743	13,440
1911–1915	36,035	11,879	35,954	12,061	1915	35,032	11,673	35,458	11,427
1915–1920 [2]	38,071	13,440	40,137	13,511	1916	37,744	13,806	38,946	13,477
1921–1925	52,959	13,334	53,578	13,075	1917	36,521	13,951	38,094	13,983
1926–1930	63,768	15,293	64,441	15,319	1918	31,101	14,356	31,869	14,145
1910–1914	35,212	11,408	34,965	11,614	1918 (July–Dec.)	16,113	8,916	16,112	9,360
1914–1920 [3]	37,604	13,169	39,417	13,190	1919	36,381	10,320	40,750	10,506
1888	12,956	2,437	13,252	2,417	1920	51,532	12,572	54,981	12,837
1889	13,312	2,640	13,672	2,671	1921	49,958	12,327	50,423	12,242
1890	15,366	2,741	15,429	2,720	1922	51,701	13,490	51,799	13,040
1891	15,394	2,810	15,411	2,850	1923	52,775	13,544	53,215	13,409
1892	18,180	2,833	18,258	2,903	1924	54,726	13,565	55,294	13,616
1893	16,679	2,903	16,825	2,936	1925	55,636	13,742	57,160	13,069
1894	17,025	2,965	17,306	2,966	1926	63,759	13,174	65,583	13,458
1895	16,725	2,570	17,024	2,727	1927	58,921	15,389	59,759	15,682
1896	17,453	3,536	17,819	3,596	1928	62,809	17,402	63,331	17,336
1897	20,003	3,757	19,878	3,831	1929	66,852	15,749	67,030	15,313
1898	21,700	3,879	21,892	3,856	1930	66,499	14,753	66,500	14,808
1899	21,963	4,148	22,177	4,089	1931	60,427	12,355	61,204	12,297
1900	23,534	4,629	23,618	4,663	1932	55,229	9,607	54,900	9,547
1901	24,791	4,977	24,889	4,931	1933	51,564	9,372	52,053	9,204
1902	24,361	6,293	24,242	6,202	1934	53,132	10,055	53,162	10,541

[1] Year ended Sept. 30.
[2] Average for period July 1, 1915, to Dec. 31, 1920.
[3] Average for period July 1, 1914, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 471.—NET TONNAGE OF VESSELS ENTERED AND CLEARED IN FOREIGN TRADE: BY CUSTOMS DISTRICTS AND BY REGIONS

NOTE.—In thousands of net tons. See headnote, table 470

Customs district	1931		1932		1933		1934	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	72, 782	73, 501	64, 837	64, 446	60, 936	61, 287	63, 787	63, 702
Seaports, total	60, 427	61, 204	55, 229	54, 900	51, 564	52, 083	53, 132	53, 162
North Atlantic coast, total	30, 551	29, 333	28, 121	28, 192	26, 332	24, 798	25, 940	24, 549
Maine and New Hampshire	772	598	588	392	507	334	642	398
Massachusetts	3, 986	3, 128	4, 169	3, 295	4, 058	3, 157	3, 963	3, 138
Rhode Island	370	222	228	145	175	87	145	84
Connecticut	25	16	20	7	31	4	33	16
New York	23, 026	23, 635	21, 190	20, 922	19, 531	19, 584	19, 263	19, 344
Philadelphia	2, 372	1, 735	1, 927	1, 431	2, 030	1, 632	1, 893	1, 569
South Atlantic coast, total	4, 604	4, 960	4, 361	4, 586	3, 681	4, 022	4, 286	4, 638
Maryland	1, 885	1, 161	1, 342	1, 006	1, 000	718	1, 160	1, 023
Virginia	811	1, 602	996	1, 174	661	1, 218	1, 170	1, 625
North Carolina	122	95	76	72	128	38	95	44
South Carolina	263	166	282	129	262	119	297	155
Georgia	282	475	181	419	167	402	184	395
Puerto Rico	1, 242	1, 461	1, 484	1, 787	1, 463	1, 527	1, 359	1, 396
Gulf coast, total	9, 144	10, 244	8, 136	9, 143	7, 124	8, 294	7, 586	8, 367
Florida	2, 343	2, 099	2, 181	1, 998	1, 794	1, 524	1, 689	1, 631
Mobile	372	577	393	538	231	447	323	541
New Orleans	3, 410	3, 287	2, 896	2, 807	2, 554	2, 551	2, 610	2, 586
Sabine	725	890	847	885	1, 010	1, 124	1, 250	1, 306
Galveston	2, 294	3, 421	1, 819	2, 915	1, 535	2, 648	1, 715	2, 400
Mexican border: San Antonio	190	103	159	104	211	132	133	74
Pacific coast, total	15, 936	16, 564	14, 452	14, 875	14, 216	14, 837	15, 207	15, 534
Washington	7, 200	6, 082	5, 913	5, 285	5, 770	5, 320	5, 933	5, 380
Oregon	339	535	222	448	231	453	469	602
San Francisco	2, 020	2, 430	1, 869	2, 452	1, 945	2, 356	1, 689	2, 166
Los Angeles	4, 204	5, 061	4, 224	4, 828	4, 214	4, 974	5, 092	5, 640
Alaska	287	255	257	196	175	169	200	215
Hawaii	1, 368	1, 421	1, 406	1, 466	1, 450	1, 442	1, 456	1, 429
San Diego	519	181	560	199	431	123	369	102
Northern border, total	12, 355	12, 297	9, 607	9, 547	9, 372	9, 204	10, 655	10, 540
Vermont	5	5	4	4	4	4	3	3
St. Lawrence	607	603	455	437	479	458	491	478
Rochester	2, 693	2, 690	2, 081	1, 956	1, 571	1, 574	1, 774	1, 748
Buffalo	2, 143	1, 018	1, 888	981	1, 528	879	1, 542	603
Ohio	3, 777	4, 278	3, 090	2, 017	3, 186	3, 100	3, 886	3, 822
Michigan	1, 597	1, 664	1, 007	1, 608	1, 485	1, 916	1, 646	2, 021
Chicago	236	512	220	445	256	459	305	455
Wisconsin	536	442	572	300	589	323	550	312
Duluth and Superior	703	1, 086	290	899	274	482	558	1, 098

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:									
1901–1905	17, 427	15, 149	4, 056	1, 770	3, 068	2, 286	-------	5, 939	2, 602
1906–1910	20, 921	18, 494	5, 159	2, 420	3, 570	2, 707	-------	8, 072	3, 207
1911–1915	24, 203	20, 708	6, 035	3, 377	5, 055	3, 649	52	11, 879	4, 564
1915–1920[1]	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, 476
1926–1930	36, 884	33, 003	11, 634	7, 415	15, 100	8, 247	150	15, 203	7, 700
1931	35, 155	31, 812	9, 144	5, 607	15, 938	9, 653	190	12, 355	5, 980
1932	32, 482	28, 755	8, 136	5, 078	14, 452	8, 808	159	9, 607	4, 869
1933	30, 013	27, 299	7, 124	4, 051	14, 216	8, 990	211	9, 372	4, 444
1934	30, 206	27, 504	7, 586	4, 461	15, 207	9, 277	133	10, 655	4, 717
Clearances:									
1901–1905	17, 077	15, 714	4, 499	4, 328	3, 057	2, 418	-------	5, 918	3, 825
1906–1910	20, 162	18, 650	5, 477	5, 187	3, 517	2, 922	-------	8, 036	5, 673
1911–1915	23, 608	21, 765	7, 193	6, 414	5, 104	4, 643	50	12, 060	8, 567
1916–1920[1]	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	34, 293	26, 182	10, 244	9, 138	16, 564	14, 382	103	12, 297	8, 644
1932	30, 778	22, 966	9, 143	8, 086	14, 875	12, 753	104	9, 547	6, 799
1933	28, 820	22, 684	8, 294	7, 601	14, 837	12, 781	132	9, 204	6, 629
1934	29, 187	22, 832	8, 367	7, 683	15, 534	13, 291	74	10, 540	7, 318

[1] July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 472.—NET TONNAGE OF VESSELS ENTERED IN FOREIGN TRADE: BY CLASSES

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 470]

Yearly average or year	Number of vessels, all ports	All ports				Seaports				
		Total	American	Foreign	Per cent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881–1890	32,038	16,308	3,396	12,913	20.7	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	29,650	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	60,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926–1930	45,845	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1910–1914	38,038	46,619	11,328	35,291	24.3	35,212	1,558	33,654	28,096	7,116
1914–1920 [2]	42,257	50,773	20,657	30,116	40.7	37,604	1,853	35,750	24,938	12,666
1920	45,637	64,104	32,119	31,985	50.1	51,531	1,847	49,684	35,387	16,144
1921	40,758	62,285	31,185	31,100	50.1	49,958	1,379	48,579	36,066	13,892
1922	40,926	65,191	31,738	33,453	48.7	51,701	1,104	50,597	43,219	8,482
1923	41,591	60,319	27,725	32,594	41.8	52,775	958	51,817	42,219	10,556
1924	42,435	68,292	29,628	38,664	43.4	54,726	849	53,877	42,403	12,323
1925	42,019	69,378	27,947	41,431	40.3	55,636	731	54,905	43,450	12,186
1926	44,757	76,933	26,890	50,043	35.0	63,759	549	63,210	45,113	18,646
1927	45,459	74,310	29,289	45,021	39.4	58,921	530	58,391	45,462	13,458
1928	48,252	80,211	31,285	48,926	39.0	62,809	453	62,356	48,757	14,052
1929	46,687	82,602	32,241	50,361	39.0	66,853	456	66,397	51,919	14,934
1930	44,076	81,253	31,866	49,387	39.2	66,499	373	66,127	52,298	14,201
1931	36,373	72,782	26,907	45,875	37.0	60,427	241	60,186	47,265	13,162
1932	30,318	64,837	24,278	40,559	37.4	55,229	236	54,994	42,701	12,528
1933	28,019	60,936	22,488	38,448	36.9	51,564	180	51,384	40,410	11,154
1934	29,736	63,787	23,192	40,594	36.2	53,132	196	52,936	41,297	11,835

Yearly average or year	Seaports—Continued					Northern border ports			
	American vessels		Foreign vessels		Per cent American	Total	With cargo	American	Foreign
	Total	With cargo	Total	With cargo					
1881–1890	2,933	2,559	10,609	9,001	21.7	2,766	1,978	462	2,304
1891–1900	3,619	2,956	15,247	11,228	19.2	3,403	1,589	1,359	2,044
1901–1905	3,962	3,246	20,589	15,960	16.1	5,939	2,602	2,840	3,099
1906–1910	4,175	3,471	25,475	20,150	14.1	8,072	3,207	4,197	3,876
1911–1915	5,276	4,200	30,759	23,578	14.6	11,879	4,564	6,929	4,950
1915–1920 [1]	14,508	11,375	23,563	13,753	38.1	13,440	5,646	7,490	5,950
1921–1925	22,526	18,404	30,433	23,068	42.5	13,334	6,455	7,119	6,215
1926–1930	23,182	18,809	40,586	29,901	36.4	15,293	7,700	7,132	8,162
1910–1914	4,753	3,787	30,459	24,309	13.5	11,407	4,501	6,575	4,832
1914–1920 [2]	13,327	10,481	24,276	14,456	35.4	13,169	5,430	7,330	5,840
1920	26,225	19,322	25,306	15,565	50.9	12,573	5,852	5,894	6,679
1921	24,402	18,620	25,556	17,446	48.8	12,327	5,672	6,783	5,544
1922	23,633	20,308	28,068	22,911	45.7	13,490	6,178	8,105	5,385
1923	20,984	17,790	31,791	24,429	39.8	13,544	6,766	6,741	6,803
1924	22,462	18,267	32,264	24,136	41.0	13,565	6,335	7,166	6,399
1925	21,148	17,033	34,487	26,417	38.0	13,742	7,323	6,798	6,944
1926	21,091	17,103	42,668	28,010	33.1	13,174	7,131	5,799	7,375
1927	22,001	17,668	36,920	27,794	37.3	15,389	7,824	7,288	8,101
1928	22,991	18,404	39,818	30,353	36.6	17,402	8,571	8,294	9,108
1929	25,208	20,541	41,645	31,378	37.7	15,749	7,558	7,034	8,716
1930	24,620	20,330	41,879	31,968	37.0	14,753	7,418	7,245	7,508
1931	21,490	18,123	38,029	29,142	35.6	12,355	5,980	5,408	6,946
1932	20,643	17,396	34,587	25,306	37.4	9,607	4,869	3,635	5,973
1933	19,051	16,123	32,513	24,287	36.9	9,372	4,444	3,437	5,934
1934	19,186	16,500	33,946	24,297	36.1	10,655	4,717	4,006	5,649

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] Average for period July 1, 1914, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 473.—NET TONNAGE OF VESSELS CLEARED IN FOREIGN TRADE: BY CLASSES

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 470]

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	33,807	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911–1915	38,790	48,015	12,612	35,503	26.1	35,955	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	66,053	29,554	37,009	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
1910–1914	37,883	46,579	11,590	34,989	24.9	34,965	1,620	33,345	32,024	2,941
1914–1920 [2]	42,141	52,607	21,529	31,078	40.9	39,417	2,010	37,407	34,394	5,023
1920	46,447	67,817	34,053	33,764	50.2	54,980	2,009	52,971	45,687	9,293
1921	39,553	62,605	30,181	32,484	48.2	50,423	1,218	49,205	39,985	10,438
1922	39,314	64,839	31,759	33,080	49.0	51,799	1,109	50,690	39,244	12,555
1923	40,256	66,624	27,932	38,692	41.9	53,215	1,035	52,180	42,308	10,817
1924	41,100	68,910	30,092	38,818	43.7	55,294	810	54,483	43,787	11,506
1925	40,379	70,229	27,808	42,421	39.6	57,160	746	56,414	45,750	11,410
1926	43,951	79,041	28,532	50,509	36.1	65,583	566	65,017	54,237	11,346
1927	43,619	75,440	29,793	45,647	39.5	59,759	526	59,233	49,419	10,340
1928	46,201	80,667	31,734	48,933	39.3	63,331	436	62,895	51,609	11,722
1929	44,837	82,343	31,927	50,416	38.8	67,030	422	66,608	54,132	12,898
1930	41,801	81,307	31,560	49,748	38.8	66,500	386	66,114	53,507	12,993
1931	35,368	73,501	26,854	46,647	36.5	61,204	238	60,966	49,805	11,399
1932	29,648	64,446	23,965	40,582	37.0	54,900	233	54,667	43,960	10,991
1933	27,187	61,287	22,434	38,853	36.6	52,083	180	51,903	43,197	8,886
1934	28,874	63,702	22,799	40,903	35.8	53,162	177	52,985	43,881	9,281

Yearly average or year	Seaports—Continued					Northern border ports			
	American vessels		Foreign vessels		Per cent American	Total	With cargo	American	Foreign
	Total	With cargo	Total	With cargo					
1881–1890	2,078	2,541	10,741	10,254	21.7	2,754	1,778	472	2,282
1891–1900	3,644	2,914	15,377	14,600	19.2	3,442	2,129	1,394	2,048
1901–1905	4,000	3,284	20,633	19,176	16.2	5,918	3,825	2,812	3,106
1906–1910	4,084	3,498	25,072	23,270	14.0	8,036	5,673	4,198	3,838
1911–1915	5,361	4,522	30,594	28,305	14.9	12,060	8,567	7,161	4,909
1915–1920 [1]	15,455	11,505	24,681	23,346	38.5	13,511	9,637	7,550	5,902
1921–1925	22,556	14,977	31,022	28,057	42.1	13,075	9,236	6,998	6,077
1926–1930	23,338	17,071	41,102	35,510	36.2	15,319	10,504	7,371	7,948
1910–1914	4,778	4,109	30,187	27,915	13.7	11,614	8,380	6,812	4,802
1914–1920 [2]	14,171	10,611	25,245	23,783	36.0	13,190	9,279	7,358	5,832
1920	27,875	20,188	27,106	25,499	50.7	12,837	9,366	6,179	6,658
1921	23,432	15,215	26,991	24,770	46.5	12,242	8,692	6,749	5,493
1922	23,755	14,743	28,044	24,501	45.9	13,040	9,234	8,004	5,036
1923	21,305	14,584	31,910	27,814	40.0	13,409	9,514	6,627	6,782
1924	22,806	15,397	32,397	32,308	41.4	13,616	9,933	7,195	6,421
1925	21,394	14,948	35,766	30,802	37.4	13,068	8,805	6,414	6,654
1926	22,234	15,838	43,349	38,399	33.9	13,458	9,241	6,298	7,160
1927	22,078	16,524	37,681	32,895	36.9	15,682	10,656	7,716	7,966
1928	23,180	16,969	40,151	34,640	36.6	17,336	11,898	8,554	8,782
1929	25,045	18,337	41,985	35,795	37.4	15,313	10,917	6,883	8,431
1930	24,154	17,687	42,346	35,820	36.3	14,808	9,809	7,406	7,402
1931	21,417	16,732	39,787	33,073	35.0	12,207	8,644	5,437	6,860
1932	20,204	16,072	34,695	27,838	36.8	9,547	6,709	3,660	5,886
1933	19,093	15,824	32,990	27,374	36.7	9,204	6,629	3,340	5,864
1934	18,901	15,571	34,261	28,310	35.5	10,540	7,318	3,899	6,641

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] Average for period July 1, 1914, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 474.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEA-PORTS IN FOREIGN TRADE: BY COUNTRIES OF ORIGIN AND DESTINATION

NOTE.—In thousands of net tons. Only traffic by sea is included. The first column covers years ended June 30, second column the period July 1, 1914, to Dec. 31, 1920, the others, calendar years. For definition of net tonnage see general note, p. 392

Country	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933	1934
Total by sea:								
Entered	35,212	37,604	52,059	63,768	60,427	55,229	51,564	53,132
Cleared	34,965	39,417	53,578	64,441	61,204	54,900	52,083	53,182
Belgium:								
Entered	955	392	1,231	1,660	1,221	1,116	1,078	994
Cleared	1,039	452	1,190	1,280	1,126	970	980	996
Denmark:								
Entered	207	373	372	532	550	445	425	426
Cleared	305	498	450	686	588	389	393	333
France:								
Entered	1,047	2,251	1,953	2,321	2,114	1,890	2,090	1,989
Cleared	1,453	3,345	2,250	2,475	2,340	2,481	2,714	2,770
Germany:								
Entered	3,113	290	2,908	3,813	4,235	4,349	3,779	3,479
Cleared	3,474	298	3,165	3,714	4,004	3,546	3,241	2,610
Italy:								
Entered	1,305	2,171	1,707	2,101	1,892	1,918	2,032	1,833
Cleared	1,662	2,489	1,986	2,023	1,768	1,674	2,006	1,858
Netherlands:								
Entered	1,169	1,291	1,654	2,081	1,515	1,298	1,382	1,309
Cleared	1,521	1,459	1,464	1,499	1,176	1,088	1,015	996
Norway:								
Entered	193	521	384	360	296	384	441	348
Cleared	159	830	412	361	289	256	237	278
Spain:								
Entered	724	838	608	850	730	566	656	677
Cleared	337	490	463	612	531	509	562	643
Sweden:								
Entered	68	240	504	681	747	640	698	677
Cleared	66	440	353	498	462	384	339	408
United Kingdom:								
Entered	7,238	8,765	9,378	10,614	7,559	6,022	5,478	5,712
Cleared	7,162	8,164	8,647	10,577	7,043	6,179	5,626	5,481
Canada:								
Atlantic coast—								
Entered	1,479	1,092	1,201	1,607	2,385	2,192	2,159	2,294
Cleared	1,694	1,007	1,381	1,709	2,304	2,133	2,063	2,119
British Columbia, Yukon—								
Entered	2,539	3,117	4,571	6,619	7,719	6,574	6,496	6,614
Cleared	2,589	3,094	4,573	6,556	7,735	6,579	6,779	6,938
Central America:								
Entered	1,879	1,535	1,734	2,301	2,417	2,208	2,223	2,410
Cleared	2,121	1,610	1,640	2,692	3,048	2,545	2,629	2,865
Mexico:								
Entered	1,789	3,788	8,160	2,840	1,623	1,693	1,363	1,446
Cleared	1,847	3,727	8,391	2,892	1,821	1,806	1,687	1,704
British West Indies, Bermudas, and British Honduras:								
Entered	1,038	564	1,351	1,975	3,385	3,565	2,522	3,353
Cleared	1,181	642	1,435	2,216	3,587	3,743	2,992	3,381
Cuba:								
Entered	3,030	3,450	4,709	5,875	5,988	6,186	5,576	4,671
Cleared	2,449	3,560	4,659	5,832	5,823	6,044	5,428	4,444
Dominican Republic:								
Entered	179	345	380	713	614	810	765	644
Cleared	200	404	449	920	815	1,045	976	865
Haiti:								
Entered	123	108	105	220	190	157	191	171
Cleared	124	186	230	204	200	194	170	167
Argentina:								
Entered	792	633	1,006	966	540	411	370	391
Cleared	619	762	707	997	592	319	188	291
Brazil:								
Entered	1,131	550	552	918	881	744	756	788
Cleared	558	841	913	1,252	925	855	866	936
Chile:								
Entered	462	853	975	1,387	796	263	331	580
Cleared	327	797	793	1,058	642	221	430	619
Colombia:								
Entered	199	231	144	958	1,029	1,144	1,174	974
Cleared	196	213	226	986	919	1,054	967	992
British East Indies:								
Entered	329	347	576	833	834	668	355	249
Cleared	131	204	330	428	460	208	57	35

No. 474.—Net Tonnage of Vessels Entered and Cleared at Seaports in Foreign Trade: By Countries of Origin and Destination—Contd.

Country	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933	1934
China, Hong Kong, and Kwantung:								
Entered	442	519	959	1,044	1,124	784	772	771
Cleared	391	479	963	894	897	504	520	614
Japan:								
Entered	646	733	1,607	2,320	1,912	1,753	1,941	2,286
Cleared	542	796	2,106	3,284	3,650	3,458	3,440	4,037
Philippine Islands:								
Entered	85	132	408	611	801	1,032	1,080	1,248
Cleared	144	124	350	503	398	365	484	537
Oceania:								
Entered	238	379	509	931	754	743	768	761
Cleared	534	567	946	1,306	803	895	795	820
All other countries:								
Entered	2,725	2,004	3,165	6,649	6,566	5,614	4,753	5,952
Cleared	2,240	1,938	3,149	5,913	6,658	5,366	4,499	5,425

No. 475.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEA PORTS IN FOREIGN TRADE: By Nationality of Vessel

Note.—**In thousands of net tons.** Only traffic by sea and to and from foreign countries is included. The large trade with Canada on the Great Lakes and the St. Lawrence is handled about equally by vessels of the United States and of the British (Canadian) flag. See tables 472 and 473 in which the columns for northern border represent trade with Quebec and Ontario. For periods covered see note, table 474

	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933	1934
Total by sea:								
Entered	35,213	37,604	52,959	63,768	60,427	55,239	51,564	53,132
Cleared	34,066	39,417	53,678	64,441	61,204	54,900	52,083	53,162
American:								
Entered	4,753	13,327	22,526	23,182	21,499	20,643	19,051	19,186
Cleared	4,778	14,171	22,556	23,338	21,417	20,204	19,093	18,901
Total foreign:								
Entered	30,459	24,276	30,433	40,586	38,929	34,586	32,513	33,946
Cleared	30,186	25,245	31,022	41,102	39,787	34,695	32,990	34,261
Belgian:								
Entered	412	269	332	374	329	229	235	225
Cleared	404	283	343	370	320	241	228	225
British:								
Entered	17,901	14,168	16,807	20,189	17,618	15,605	13,714	14,925
Cleared	17,814	14,755	17,064	20,291	17,974	15,485	14,012	14,851
Danish:								
Entered	472	774	929	1,136	1,030	815	827	861
Cleared	456	795	928	1,168	1,029	831	852	833
Dutch:								
Entered	1,004	1,007	1,306	1,798	1,974	1,502	1,307	1,561
Cleared	1,007	1,055	1,292	1,809	1,986	1,498	1,291	1,567
French:								
Entered	997	876	1,492	1,870	1,752	1,556	1,601	1,542
Cleared	990	919	1,518	1,905	1,728	1,623	1,589	1,595
German:								
Entered	4,362	107	847	2,654	3,660	3,486	3,333	2,885
Cleared	4,300	79	870	2,736	3,702	3,484	3,354	2,859
Italian:								
Entered	821	1,211	1,490	2,175	1,808	1,824	2,094	1,665
Cleared	850	1,366	1,569	2,150	1,822	1,725	2,089	1,674
Japanese:								
Entered	353	1,099	2,059	2,618	2,526	2,287	2,372	2,528
Cleared	244	1,046	2,235	2,741	2,734	2,442	2,468	2,765
Norwegian:								
Entered	2,670	2,744	2,817	4,026	3,999	3,572	3,729	4,231
Cleared	2,684	2,822	2,784	4,136	4,180	3,637	3,822	4,321
Spanish:								
Entered	413	606	480	571	497	434	421	446
Cleared	398	637	487	586	492	422	431	457
Swedish:								
Entered	70	353	564	985	1,050	993	959	983
Cleared	70	367	566	1,005	1,080	987	927	999
All other foreign:								
Entered	975	1,062	1,317	2,190	2,686	2,323	1,921	2,094
Cleared	977	1,122	1,366	2,206	2,740	2,320	1,927	2,115

Source of tables 474 and 475: Bureau of Foreign and Domestic Commerce.

No. 476.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE: VALUE, BY METHOD OF CARRIAGE

NOTE.—All figures except percentages expressed in millions of dollars. Figures cover fiscal years ended Sept. 30, 1830 and 1840, and June 30, 1850 to 1915, calendar years thereafter

Yearly average or year	Exports (including reexports)					Imports					Water borne—per cent in American vessels	
	Total	Total by water	In American vessels	In foreign vessels	By cars, aircraft, etc. [1]	Total	Total by water	In American vessels	In foreign vessels	By cars, aircraft, etc. [1]	Exports	Imports
1830 [2]	74	74	64	10	(3)	71	71	66	5	(3)	86.6	93.1
1840 [2]	132	132	106	27	(3)	107	107	93	14	(3)	80.0	87.6
1850 [2]	152	152	100	52	(3)	178	178	140	39	(3)	65.5	78.4
1860 [2]	400	400	279	121	(3)	362	362	228	134	(3)	70.0	63.0
1870 [2]	451	451	170	281	(3)	462	462	153	309	(3)	37.7	33.1
1871–1875 [2]	586	578	157	422	8	599	584	170	414	16	27.1	35.1
1876–1880 [2]	711	704	142	562	7	514	501	147	354	13	20.2	29.3
1881–1885	792	773	100	673	19	667	646	130	517	21	12.9	20.1
1886–1890	738	714	76	638	25	717	685	122	563	33	10.6	17.8
1891–1895	892	851	73	778	42	785	748	125	623	38	8.6	16.7
1896–1900	1,157	1,079	78	1,001	79	742	706	101	604	36	7.2	14.4
1901–1905	1,454	1,316	97	1,218	138	972	909	122	787	63	7.4	13.5
1906–1910	1,779	1,576	128	1,448	203	1,345	1,262	159	1,103	83	8.1	12.6
1911–1915	2,371	2,049	187	1,862	322	1,712	1,590	198	1,392	123	9.1	12.5
1915–1920 [4]	6,515	5,712	1,556	4,156	803	3,358	2,961	978	1,984	397	27.2	33.0
1921–1925	4,397	3,788	1,405	2,383	609	3,450	3,013	978	2,035	437	37.1	32.5
1926–1930	4,777	3,983	1,382	2,600	795	4,033	3,509	1,129	2,380	524	34.7	32.2
1922	3,832	3,281	1,261	2,020	551	3,113	2,704	921	1,783	409	38.4	34.1
1923	4,168	3,539	1,358	2,181	629	3,792	3,312	1,040	2,272	481	38.4	31.4
1924	4,591	4,010	1,532	2,478	[1] 581	3,610	3,145	1,012	2,133	466	38.2	32.1
1925	4,910	4,224	1,473	2,751	686	4,227	3,716	1,151	2,565	510	34.9	31.0
1926	4,809	4,050	1,401	2,649	759	4,431	3,891	1,195	2,696	540	34.6	30.7
1927	4,865	4,097	1,434	2,663	768	4,185	3,662	1,215	2,447	523	35.0	33.2
1928	5,128	4,277	1,472	2,804	851	4,091	3,550	1,133	2,418	541	34.4	31.9
1929	5,241	4,322	1,487	2,835	920	4,399	3,807	1,205	2,602	592	34.4	31.6
1930	3,843	3,168	1,117	2,051	675	3,061	2,635	898	1,737	426	35.3	34.1
1931	2,424	2,043	732	1,311	382	2,091	1,829	619	1,210	262	35.8	33.8
1932	1,611	1,385	476	909	226	1,323	1,164	431	734	158	34.4	37.0
1933	1,675	1,471	515	956	204	1,450	1,287	461	826	162	35.0	35.8
1934	2,133	1,837	658	1,179	296	1,636	1,446	528	917	190	35.8	36.5

TOTAL WATER-BORNE EXPORTS AND IMPORTS COMBINED

Yearly average or year	Total	In American vessels	In foreign vessels	Per cent in American vessels	Yearly average or year	Total	In American vessels	In foreign vessels	Per cent in American vessels
1830 [2]	145	130	15	89.7	1921–1925	6,801	2,383	4,418	35.0
1840 [2]	239	198	41	82.3	1926–1930	7,492	2,511	4,980	33.5
1850 [2]	330	239	91	72.5					
1860 [2]	762	507	255	66.5	1922	5,985	2,183	3,803	36.5
1870 [2]	913	323	590	35.6	1923	6,850	2,398	4,453	35.0
					1924	7,155	2,544	4,611	35.7
1871–1875 [2]	1,162	326	835	30.6	1925	7,940	2,624	5,316	33.0
1876–1880 [2]	1,206	289	917	23.9					
1881–1885	1,419	229	1,190	16.2	1926	7,941	2,596	5,345	34.0
1886–1890	1,398	198	1,200	14.1	1927	7,759	2,649	5,110	34.1
1891–1895	1,598	198	1,400	12.4	1928	7,827	2,605	5,222	33.3
					1929	8,129	2,692	5,437	33.1
1896–1900	1,784	179	1,605	10.0	1930	5,803	2,015	3,788	34.7
1901–1905	2,225	220	2,005	9.9					
1906–1910	2,838	287	2,552	10.1	1931	3,871	1,351	2,520	34.9
1911–1915	3,639	385	3,254	10.6	1932	2,549	907	1,643	35.6
1915–1920 [4]	8,673	2,534	6,140	29.2	1933	2,758	976	1,782	35.4
					1934	3,283	1,186	2,097	36.1

[1] Exports include parcel post beginning 1924; imports, beginning 1921.
[2] Includes gold and silver coin and bullion to 1879, inclusive.
[3] Included in American and foreign vessels.
[4] Average for period July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

22.—FOREIGN COMMERCE OF THE UNITED STATES

GENERAL NOTE.—All statistics of foreign commerce in this section are compiled in the Bureau of Foreign and Domestic Commerce, Department of Commerce. Values based on statutory gold price of $20.67 per ounce prior to March 1933, unless otherwise noted; values in current United States dollars thereafter. Subsequent to March 10, 1933, depreciation gradually lowered the gold value of the dollar, and on January 31, 1934, it was restabilized on the basis of $35 per ounce. The geographic area covered by these statistics, except as noted, is the United States customs area which includes Alaska, Hawaii, and Puerto Rico. See headnote, Table 432. Other explanations of the trade tables are given in the introduction to the *Annual Foreign Commerce and Navigation of the United States*.

No. 477.—SUMMARY OF FOREIGN TRADE OF THE UNITED STATES

NOTE.—Values in thousands of dollars. Data are for calendar years

	1915–1920,[1] average	1921–1925, average	1926–1930, average	1931	1932	1933	1934
Merchandise:							
Exports	6,521,190	4,397,038	4,777,313	2,424,289	1,611,016	1,674,994	2,132,800
United States merchandise	6,416,513	4,310,221	4,687,789	2,377,982	1,576,151	1,647,220	2,100,135
Reexports of foreign merchandise	104,677	86,805	89,526	46,307	34,865	27,774	32,665
General imports	3,358,354	3,450,103	4,038,469	2,090,635	1,322,774	1,449,559	1,655,055
Excess of exports	3,162,836	946,924	743,845	333,654	288,242	225,435	477,745
Gold:							
Exports	233,248	82,739	222,094	466,794	809,528	366,652	52,759
Imports	382,022	347,425	255,528	612,119	363,315	193,197	1,186,671
Excess of exports (+) or imports (−)	−148,773	−264,686	−33,434	−145,325	+446,213	+173,455	−1,133,912
Silver:							
Exports	143,447	79,174	78,566	26,485	13,850	19,041	16,551
Imports	64,217	69,409	59,898	28,004	19,650	60,225	102,725
Excess of exports (+) or imports (−)	+79,231	+9,765	+18,668	−2,179	−5,800	−41,184	−86,174
Excess of exports (+) or imports (−) of merchandise, gold and silver	+3,093,293	+692,003	+729,078	+186,150	+728,655	+357,706	−742,341
Imports of merchandise for consumption	3,288,889	3,422,748	4,020,350	2,088,455	1,325,093	1,433,013	1,636,003
Entered for immediate consumption	3,075,280	3,050,279	3,602,947	1,881,011	1,197,903	1,253,651	1,388,173
Withdrawn from warehouse	213,609	372,469	417,403	207,444	127,190	179,362	247,830
Free	2,202,412	2,088,932	2,645,610	1,391,693	885,536	903,547	991,161
Dutiable	1,028,245	1,333,816	1,374,740	696,762	439,557	529,466	644,842
Per cent free	68.79	61.03	65.81	66.64	66.83	63.05	60.58
Duties calculated	227,035	478,911	550,743	370,771	259,600	283,681	301,108
Ratio of duties to total imports for consumption, per cent	6.90	13.99	13.70	17.75	19.59	19.80	18.41
Ratio to dutiable imports	22.08	35.90	40.06	53.21	59.06	53.58	46.70
Entered for warehouse	283,124	399,824	430,521	209,624	124,870	195,908	266,882

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 478.—PRODUCTION OF EXPORTABLE GOODS AND PROPORTION EXPORTED

NOTE.—Agricultural production prior to 1909 is the estimated value of farm products, excluding crops fed to livestock; beginning 1909 it is gross income, excluding feed, seed, and waste. Value added by manufacture represents manufactures. Value of mine products in 1909 and 1919 are census figures, in 1929 census data plus petroleum products, while estimates for other years are based on data of the Bureau of Mines. As the figures are not adjusted for price changes the increase or decrease in absolute values from period to period should be disregarded

[Amounts in millions of dollars]

Year	Agricultural products	Manufactures	Mining	Freight receipts (railroad)	Total	Exports, U. S. merchandise	Per cent of total
1899	3,355	4,831	600	[1] 981	9,767	1,253	12.8
1909	6,238	8,385	1,238	[1] 1,801	17,662	1,701	9.6
1919	16,935	24,809	3,158	3,625	48,527	7,750	16.0
1921	8,927	18,332	2,900	4,004	34,163	4,379	12.8
1923	11,041	25,850	4,300	4,712	45,903	4,091	8.9
1925	11,968	26,778	4,100	4,648	47,494	4,819	10.1
1927	11,616	27,585	4,000	4,729	47,930	4,759	9.9
1929	11,941	31,885	4,100	4,899	52,825	5,157	9.8
1931	6,968	19,867	2,200	3,302	32,337	2,378	7.4
1933 [2]	6,128	14,610	1,750	2,529	25,017	1,647	6.6

[1] Mean of preceding and following fiscal year.
[2] Latest year for which complete production data are available. The estimated proportion exported, based on a rough estimate of value of total production, was 7.5 percent in 1934.

No. 479.—EXPORT OF MANUFACTURED GOODS IN RELATION TO TOTAL PRODUCTION

NOTE.—The value of materials, excluding duplication, is necessarily an approximation and hence is expressed as a maximum and minimum. As the figures are not adjusted for price changes, the absolute increase or decrease from period to period should be disregarded

[Amounts in millions of dollars]

Year	Value of product			Exports of United States merchandise	
	Materials, excluding duplication	Value added by manufacture	Total net value	Amount	Per cent
All manufactures:					
1899	2,300–2,800	4,831	7,100–7,600	[1] 745	9.8–10.5
1909	4,300–5,200	8,385	12,700–13,600	[1] 1,000	7.4–7.9
1914	5,800–6,500	9,710	15,000–16,200	[1] 1,505	9.3–10.0
1919	12,500–14,500	24,809	37,300–39,300	5,449	13.9–14.6
1921	8,000–9,400	18,332	26,300–27,700	2,722	9.8–10.3
1923	11,500–13,200	25,850	37,350–39,050	2,625	6.7–7.0
1925	11,900–13,600	26,778	38,700–40,400	3,079	7.6–8.0
1927	11,750–13,450	27,585	39,300–41,000	3,145	7.7–8.0
1929	14,700–16,000	31,885	46,600–47,900	3,745	7.8–8.0
1931	6,800–8,200	19,867	26,700–28,100	1,684	6.0–6.3
1933	6,100–7,500	14,610	20,700–22,100	1,008	4.6–4.9
Foodstuffs manufactures:					
1899	1,300–1,500	445	1,700–1,900	[1] 312	16.4–18.4
1909	2,200–2,700	816	3,000–3,500	[1] 281	8.0–9.4
1914	2,700–3,300	1,071	3,800–4,400	[1] 374	8.5–9.8
1919	7,100–8,300	2,496	9,600–10,800	1,963	18.2–20.4
1921	4,100–4,800	2,144	6,290–6,900	685	9.9–11.0
1923	4,750–5,500	2,533	7,300–8,000	583	7.3–8.0
1925	5,300–6,100	2,670	8,000–8,800	574	6.5–7.2
1927	5,500–6,300	2,902	8,400–9,200	463	5.0–5.5
1929	6,000–6,800	3,391	9,400–10,200	484	4.7–5.1
1931	(2)	2,721	(2)	247	(2)
1933	(2)	2,393	(2)	155	(2)
Other manufactures:					
1899	1,000–1,300	4,386	5,400–5,700	[1] 433	7.6–8.0
1909	2,100–2,500	7,569	9,700–10,100	[1] 719	7.1–7.4
1914	2,600–3,200	8,639	11,200–11,800	[1] 1,131	9.6–10.1
1919	5,400–6,200	22,313	27,700–28,500	3,486	12.2–12.6
1921	3,900–4,600	16,188	20,100–20,800	2,037	9.8–10.1
1923	6,750–7,700	23,317	30,100–31,000	2,042	6.6–6.8
1925	6,600–7,500	24,108	30,700–31,600	2,505	7.9–8.2
1927	6,250–7,150	24,683	30,900–31,800	2,682	8.4–8.7
1929	8,700–9,200	28,494	37,200–37,700	3,261	8.6–8.8
1931	(2)	17,146	(2)	1,437	(2)
1933	(2)	12,217	(2)	854	(2)

[1] Mean of preceding and following fiscal year. [2] Not available.

No. 480.—INDEXES OF QUANTITY, UNIT VALUE (PRICE), AND TOTAL VALUE OF EXPORTS OF UNITED STATES MERCHANDISE AND IMPORTS

NOTE.—The quantity and unit value indexes have been constructed by the so-called "ideal formula", the essential feature of which is the use of the quantities of the several articles as weighting factors of their unit values for each pair of years compared. About 265 commodities were included in the direct calculations for both exports and imports. It was then assumed that the prices of articles in each economic class not directly covered had moved in parallel with those of articles covered and their value, adjusted by the computed price index, was included in the aggregative totals from which the quantity index for each class was calculated. The index of quantity and unit value of total exports and imports was based on the aggregate of the adjusted totals of the classes. In constructing the indexes the data for 1919 were linked directly to 1913, and each subsequent year was compared with that preceding. The resulting year-to-year percentages were made into a series by the chain method

[1923–1925 average=100]

Yearly average or year	Exports of United States merchandise											
	Total			Crude materials			Crude foodstuffs			Manufactured foodstuffs		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1913	84	65	55	123	47	59	81	65	53	73	76	56
1921–1925	97	99	97	99	91	90	135	97	130	105	99	104
1926–1930	122	86	105	121	70	86	99	92	93	81	97	78
1922	89	94	84	87	85	75	167	85	142	110	92	102
1923	91	101	92	84	108	91	93	86	80	107	94	101
1924	102	99	101	99	101	101	122	100	122	105	94	99
1925	107	100	108	118	91	108	85	115	99	88	112	99
1926	115	92	105	134	70	95	105	99	104	81	107	87
1927	124	86	106	130	69	90	131	99	130	81	99	80
1928	128	88	113	124	78	98	98	93	91	84	96	81
1929	132	87	115	113	76	86	94	89	84	87	95	84
1930	109	78	85	106	59	63	69	80	55	71	88	63
1931	89	60	53	107	40	43	71	55	39	62	68	43
1932	69	51	35	115	34	39	59	47	28	50	52	26
1933	69	54	37	113	39	45	32	46	15	49	55	27
1934	74	63	47	94	52	49	34	54	18	47	62	29

Yearly average or year	Exports of United States merchandise						Imports[1]					
	Semimanufactures			Finished manufactures			Total			Crude materials		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1913	91	72	65	65	73	48	66	70	46	58	72	42
1921–1925	88	100	88	91	107	96	94	94	89	96	90	88
1926–1930	113	95	108	143	91	130	117	90	104	117	87	101
1922	77	93	72	75	105	79	96	84	80	101	80	80
1923	91	101	92	90	101	90	99	99	98	101	95	96
1924	103	97	100	98	99	97	97	96	93	93	92	86
1925	106	102	108	113	100	113	104	105	109	105	113	119
1926	106	101	107	119	101	120	112	102	114	109	112	122
1927	121	95	114	133	91	121	113	95	108	116	94	109
1928	124	94	117	154	90	138	115	92	106	116	86	100
1929	119	100	119	174	89	155	131	87	114	133	80	106
1930	97	87	84	137	85	116	111	71	79	108	63	68
1931	73	71	52	100	68	68	98	55	54	102	43	44
1932	55	58	32	61	62	38	79	43	34	81	30	24
1933	64	60	39	64	59	38	86	43	37	91	31	28
1934	81	69	56	84	64	54	86	50	43	83	37	31

Yearly average or year	Imports[1]											
	Crude foodstuffs			Manufactured foodstuffs			Semimanufactures			Finished manufactures		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1913	67	77	52	74	54	40	64	75	48	84	64	54
1921–1925	98	91	89	98	94	91	87	98	86	93	100	93
1926–1930	109	109	119	119	68	80	112	96	107	123	93	114
1922	94	82	77	110	71	78	85	92	78	90	96	86
1923	103	82	85	90	119	107	100	101	101	100	99	100
1924	102	98	99	99	107	105	96	97	92	101	96	97
1925	97	120	116	118	74	87	105	101	106	99	104	103
1926	107	119	126	122	69	84	112	101	113	114	99	114
1927	107	111	118	111	82	91	105	100	106	120	95	114
1928	108	120	129	112	73	82	113	95	107	118	100	117
1929	112	113	126	137	63	86	127	98	125	141	91	129
1930	113	83	94	114	52	59	102	84	86	121	81	98
1931	109	65	71	97	46	45	79	67	52	103	69	71
1932	99	55	54	92	38	35	57	53	31	79	56	44
1933	100	50	50	102	40	41	73	57	41	79	53	42
1934	104	57	60	125	45	56	65	67	44	82	56	46

[1] Based on general imports through 1933; the 1934 indexes were obtained by applying to the general import indexes the percentage changes in imports for consumption from 1933 to 1934.

No. 481.—GOLD[1] UNDER EARMARK FOR FOREIGN ACCOUNT IN THE UNITED STATES

NOTE.—All figures in thousands of dollars at rate of $20.67 a fine ounce through January 1934 and at $35 a fine ounce thereafter. Gold under earmark is gold placed by a bank in the custody of its foreign correspondent but segregated and marked so as to indicate that the identical coins or bars earmarked are the bank's property and altogether subject to its disposal

Year	Increase or decrease during year of gold under earmark[2]	Month	Amount under earmark at end of month					
			1929	1930	1931	1932	1933	1934
1921	−22,000	January	144,898	134,794	125,795	433,149	92,552	46,873
1922	+3,700	February	144,898	134,794	123,295	406,781	270,837	10,708
1923	−700	March	137,391	119,795	120,295	348,469	370,920	11,545
1924	+42,213	April	88,821	119,295	127,795	344,501	337,228	12,678
1925	−32,244	May	72,694	117,295	123,795	366,650	315,114	12,189
1926	+25,297	June	80,207	115,295	31,531	395,447	311,569	11,204
1927	+160,153							
1928	−119,522	July	102,194	118,295	61,231	339,210	227,099	10,615
1929	+55,398	August	103,194	118,295	77,231	238,709	147,632	11,671
1930	+2,400	September	109,795	114,303	356,321	166,421	98,326	9,252
1931	+320,839	October	114,296	120,410	403,931	120,946	71,459	8,992
1932	−384,840	November	113,292	122,536	435,621	72,080	70,859	9,077
1933	−14,615	December	135,295	137,695	458,534	73,694	59,079	9,017
1934[3]	−82,552							

[1] Gold bullion (bars) and United States gold coin.

[2] Increase is the equivalent of net export and decrease the equivalent of net import. The reverse is true of changes in gold earmarked abroad for account of Federal Reserve banks, which were as follows: In 1921, a decrease of $3,300,000, equivalent to a net export; 1932, an increase of $72,638,000, equivalent to a net import; and in 1933, a decrease of $72,638,000.

[3] Net release of gold from earmark during January at rate of $20.67 a fine ounce, $12,206,000; net release during remaining 11 months at rate of $35 a fine ounce, $70,347,000.

Source: Federal Reserve Board.

No. 482.—MERCHANDISE TRADE OF CONTINENTAL UNITED STATES WITH FOREIGN COUNTRIES AND OUTLYING TERRITORIES AND POSSESSIONS

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 "customs area," which includes continental United States, Alaska, Hawaii, and Puerto Rico, with all foreign countries, including the Philippine and Virgin Islands. The data do not cover trade between continental United States and the three territories of Alaska, Hawaii, and Puerto Rico. (2) The present table takes continental United States as the basis. In the totals, trade between it and Alaska, Hawaii, and Puerto Rico is included while the trade of these three territories with foreign countries is excluded. Trade of continental United States with Guam and American Samoa is also included. 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 ended June 30 through 1918; thereafter, for years ended Dec. 31

[All figures 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
1916–1920[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	4,694,565	267,488	4,270,498	3,896,506	373,992
1922	3,963,077	3,780,020	183,057	3,282,296	3,035,381	246,915
1923	4,333,730	4,109,344	224,386	4,010,041	3,697,007	313,034
1924	4,761,644	4,521,219	240,425	3,832,148	3,494,159	337,989
1925	5,083,287	4,838,565	244,722	4,455,787	4,090,887	364,900
1926	4,991,768	4,729,811	261,957	4,669,318	4,303,302	366,016
1927	5,056,956	4,785,482	271,474	4,421,181	4,047,124	374,057
1928	5,311,007	5,038,693	272,314	4,349,314	3,951,050	398,264
1929	5,425,699	5,147,086	278,613	4,625,145	4,251,077	374,068
1930	4,024,538	3,771,455	253,083	3,287,534	2,929,978	357,556
1931	2,582,237	2,370,469	211,768	2,307,185	1,987,340	319,845
1932	1,735,136	1,562,951	172,185	1,497,364	1,229,293	268,071
1933	1,802,246	1,626,845	175,401	1,641,059	1,344,933	296,126
1934	2,281,711	2,081,001	200,710	1,863,043	1,554,325	308,718

[1] Including reexports of foreign merchandise.

[2] Period July 1, 1915, to Dec. 31, 1920.

No. 483.—EXPORTS AND IMPORTS OF MERCHANDISE

NOTE.—All figures in thousands of dollars. Specie values through 1932; current dollar values thereafter (see general note, p. 416). Figures are for fiscal years ended Sept. 30, 1791 to 1842, and June 30, 1843, to 1915; calendar years thereafter. For calendar years 1900-15 and fiscal years 1919-34, see table 485. For total exports and imports by years prior to 1890, see Table 486. Figures include gold and silver prior to 1821. For data by months, see annual volumes and Monthly Summary of Foreign Commerce and Navigation

Yearly average or year	Exports			General imports	Total exports and imports	Excess of exports (+) or imports (−)
	Total	U. S. merchandise	Reexports			
1791–1800	46,774	27,740	19,034	59,185	105,959	−12,411
1801–1810	74,532	38,178	36,354	92,766	167,298	−18,234
1811–1820	58,989	46,270	12,719	80,812	139,801	−21,823
1821–1830	69,421	53,221	16,200	72,949	142,370	−3,528
1831–1840	103,550	88,168	15,382	119,520	223,070	−15,970
1841–1850 [1]	122,620	114,894	7,727	121,123	243,743	+1,498
1851–1860	248,887	232,283	16,604	284,475	533,362	−35,588
1861–1865	187,811	170,198	17,613	255,439	443,250	−67,628
1866–1870	320,842	307,096	13,146	408,295	729,137	−87,453
1871–1875	601,841	486,128	15,713	577,873	1,079,714	−76,032
1876–1880	676,761	663,650	13,111	492,570	1,169,331	+184,191
1881–1885	791,892	774,607	17,285	667,142	1,459,034	+124,750
1886–1890	738,379	726,285	12,094	717,231	1,455,610	+21,148
1891–1895	892,421	876,326	16,095	785,137	1,677,558	+107,284
1896–1900	1,167,318	1,136,039	21,279	741,519	1,898,837	+415,799
1901–1905	1,453,803	1,427,020	26,783	972,162	2,425,965	+481,641
1906–1910	1,778,007	1,750,980	27,717	1,344,838	3,123,536	+433,859
1911–1915	2,370,539	2,331,648	38,891	1,712,319	4,082,858	+658,220
1915–1920 [2]	6,521,190	6,416,513	104,677	3,358,354	9,879,545	+3,162,830
1921–1925	4,397,026	4,310,221	86,805	3,450,103	7,847,129	+946,924
1926–1930	4,777,313	4,687,788	89,526	4,033,469	8,810,782	+743,845
1890	857,829	845,294	12,535	789,310	1,647,139	+68,519
1891	884,481	872,270	12,211	844,916	1,729,397	+39,565
1892	1,030,278	1,015,732	14,546	827,402	1,857,680	+202,876
1893	847,665	831,031	16,634	866,401	1,714,066	−18,736
1894	892,141	869,205	22,936	654,995	1,547,136	+237,146
1895	807,538	793,393	14,145	731,970	1,539,508	+75,568
1896	882,607	863,201	19,406	779,725	1,662,332	+102,882
1897	1,050,994	1,032,008	18,986	764,730	1,815,724	+286,264
1898	1,231,482	1,210,202	21,190	616,050	1,847,532	+615,432
1899	1,227,023	1,203,931	23,092	697,148	1,924,171	+529,875
1900	1,394,483	1,370,764	23,719	849,941	2,244,424	+544,542
1901	1,487,765	1,460,463	27,302	823,172	2,310,937	+664,592
1902	1,381,719	1,355,482	26,237	903,321	2,285,040	+478,398
1903	1,420,142	1,392,232	27,910	1,025,719	2,445,861	+394,423
1904	1,460,827	1,435,179	25,648	991,087	2,451,914	+469,740
1905	1,518,562	1,491,745	26,817	1,117,513	2,636,075	+401,049
1906	1,743,865	1,717,954	25,911	1,226,562	2,970,427	+517,303
1907	1,880,851	1,853,718	27,133	1,434,421	3,315,272	+446,430
1908	1,860,773	1,834,786	25,987	1,194,342	3,055,115	+666,431
1909	1,663,011	1,638,356	24,655	1,311,920	2,974,931	+351,091
1910	1,744,985	1,710,084	34,901	1,556,947	3,301,932	+188,038
1911	2,049,320	2,013,549	35,771	1,527,226	3,576,546	+522,094
1912	2,204,322	2,170,320	34,002	1,653,265	3,857,587	+551,057
1913	2,465,884	2,428,506	37,378	1,813,008	4,278,892	+652,876
1914	2,364,579	2,329,684	34,895	1,893,926	4,258,505	+470,653
1915	2,768,589	2,716,178	52,411	1,674,170	4,442,759	+1,094,419
1915 (6 months)	1,852,863	1,820,393	32,470	912,787	2,765,650	+940,076
1916	5,482,641	5,422,642	59,999	2,391,635	7,874,276	+3,091,006
1917	6,233,513	6,169,617	63,896	2,952,468	9,185,981	+3,281,045
1918	6,149,083	6,047,875	101,213	3,031,213	9,180,301	+3,117,875
1919	7,920,426	7,749,816	170,610	3,904,365	11,824,791	+4,016,061
1920	8,228,016	8,080,481	147,535	5,278,481	13,506,497	+2,949,535
1921	4,465,031	4,378,928	106,103	2,509,148	6,994,179	+1,975,883
1922	3,831,777	3,765,091	66,686	3,112,747	6,944,524	+719,030
1923	4,167,493	4,090,715	76,778	3,792,066	7,959,559	+375,427
1924	4,590,984	4,497,649	93,335	3,609,963	8,200,947	+981,021
1925	4,909,848	4,818,722	91,125	4,226,589	9,136,437	+683,258
1926	4,808,660	4,711,721	96,939	4,430,888	9,239,548	+377,772
1927	4,865,375	4,758,864	106,512	4,184,742	9,050,117	+680,633
1928	5,128,356	5,030,099	98,258	4,091,444	9,219,800	+1,036,912
1929	5,240,995	5,157,083	83,912	4,399,361	9,640,356	+841,634
1930	3,843,151	3,781,172	62,009	3,060,908	6,904,089	+782,273
1931	2,424,289	2,377,982	46,307	2,090,635	4,514,924	+333,654
1932	1,611,016	1,576,151	34,865	1,322,774	2,933,790	+288,242
1933	1,674,994	1,647,220	27,774	1,449,559	3,124,553	+225,435
1934	2,132,800	2,100,135	32,665	1,655,055	3,787,855	+477,745

[1] Period beginning Oct. 1, 1841, and ending June 30, 1850.

[2] Period July 1, 1915, to Dec. 31, 1920.

No. 484.—EXPORTS AND IMPORTS OF GOLD, SILVER, AND OF MERCHANDISE, GOLD, AND SILVER COMBINED

NOTE.—All figures in thousands of dollars (for basis of dollar values, see general notice, p. 416). As to periods covered see headnote, table 483. Figures for gold and silver relate to coin and bullion only prior to 1895; subsequently they include ore also. For data by months, see annual volumes and Monthly Summary of Foreign Commerce and Navigation

Yearly average or year	Gold			Silver			Total merchandise, gold, and silver		
	Exports	Imports	Excess of exports (+) or imports (−)	Exports	Imports	Excess of exports (+) or imports (−)	Exports	Imports	Excess of exports (+) or imports (−)
1821–1830	(1)	(1)	(1)	[1] 7,154	[1] 6,914	[1] +239	76,575	79,863	−3,288
1831–1840	2,154	3,394	−1,240	3,530	7,353	−3,823	109,234	130,268	−21,034
1841–1850 [2]	3,222	5,463	−2,241	3,445	3,443	+2	129,288	130,029	−741
1851–1860	46,372	3,762	+42,610	3,130	3,988	−858	298,399	292,226	+6,173
1861–1865	56,814	15,881	+40,933	3,961	3,172	+789	248,586	274,492	−25,906
1866–1870	50,462	12,030	+38,422	20,746	6,608	+14,138	392,040	426,932	−34,892
1871–1875	52,423	11,497	+40,926	31,915	9,673	+22,242	586,179	599,043	−12,864
1876–1880	15,040	26,790	−11,750	22,670	13,182	+9,488	714,470	532,542	+181,928
1881–1885	19,263	40,333	−21,070	22,739	12,108	+10,631	833,894	719,583	+114,311
1886–1890	29,651	26,163	+3,488	31,082	18,045	+13,037	799,112	701,439	+37,673
1891–1895	77,737	39,588	+38,149	38,777	18,935	+19,842	1,008,935	843,659	+165,276
1896–1900	50,793	74,492	−23,699	58,125	31,234	+26,891	1,266,286	847,245	+418,991
1901–1905	64,580	63,152	+1,428	51,318	28,807	+22,511	1,569,701	1,064,122	+505,579
1906–1910	74,500	89,283	−14,783	58,300	44,244	+14,056	1,911,497	1,478,365	+433,132
1911–1915	83,173	85,969	−2,796	61,432	38,739	+22,693	2,515,144	1,837,027	+678,117
1915–1920 [3]	*233,248*	*382,022*	*−148,773*	*143,447*	*64,217*	*+79,231*	*6,897,856*	*3,894,503*	*+3,003,293*
1921–1925	82,739	347,425	−264,686	79,174	69,409	+9,765	4,558,940	3,866,937	+692,003
1926–1930	222,094	255,528	−33,433	78,566	59,898	+18,668	5,077,974	4,348,894	+729,078
1890	17,274	12,943	+4,331	34,874	21,033	+13,841	909,977	823,287	+86,690
1891	86,363	18,233	+68,130	22,591	18,027	+4,564	993,434	881,176	+112,258
1892	50,195	49,699	+496	32,811	19,955	+12,856	1,113,284	897,057	+216,227
1893	108,681	21,174	+87,507	40,737	23,193	+17,544	997,083	910,769	+86,314
1894	76,978	72,449	+4,529	50,451	13,287	+37,164	1,019,570	740,730	+278,840
1895	66,468	36,385	+30,083	47,295	20,211	+27,084	921,302	788,566	+132,736
1896	112,410	33,525	+78,886	60,542	28,777	+31,765	1,055,559	842,027	+213,532
1897	40,362	85,015	−44,653	61,947	30,533	+31,414	1,153,302	880,278	+273,024
1898	15,406	120,392	−104,986	55,105	30,928	+24,177	1,301,994	767,369	+534,625
1899	37,522	88,955	−51,433	56,319	30,675	+25,644	1,320,864	816,778	+504,086
1900	48,267	44,573	+3,694	56,712	35,256	+21,456	1,499,462	929,771	+569,691
1901	53,185	66,051	−12,866	64,285	36,387	+27,898	1,005,235	925,610	+679,625
1902	48,569	52,021	−3,452	49,732	28,232	+21,500	1,480,021	983,574	+496,447
1903	47,091	44,982	+2,109	44,250	24,163	+20,087	1,511,463	1,094,865	+416,618
1904	81,460	99,055	−17,595	49,473	27,769	+21,704	1,591,760	1,117,912	+473,848
1905	92,594	53,649	+38,945	48,849	27,485	+21,364	1,660,005	1,198,647	+461,358
1906	38,574	96,222	−57,648	65,869	44,443	+21,426	1,848,307	1,367,227	+481,080
1907	51,399	114,510	−63,111	59,739	42,947	+13,792	1,988,989	1,591,878	+397,111
1908	72,433	148,337	−75,904	57,921	44,658	+13,263	1,991,127	1,387,537	+603,590
1909	91,532	44,004	+47,528	55,083	43,955	+11,728	1,810,226	1,399,879	+410,347
1910	118,583	43,340	+75,223	55,287	45,217	+10,070	1,918,835	1,645,505	+273,330
1911	22,510	73,607	−51,097	64,750	45,937	+18,813	2,136,580	1,646,770	+489,810
1912	57,328	48,937	+8,391	64,891	47,050	+17,841	2,326,541	1,749,252	+577,289
1913	77,763	69,194	+8,569	71,614	41,269	+30,345	2,615,261	1,923,471	+691,790
1914	112,039	66,539	+45,500	54,965	30,327	+24,638	2,531,583	1,990,791	+540,792
1915	146,224	171,569	−25,345	50,942	29,110	+21,832	2,965,756	1,874,849	+1,090,907
1915 (6 mos.)	23,843	307,030	−283,187	28,750	18,742	+10,008	1,905,456	1,238,559	+666,897
1916	155,793	685,990	−530,197	70,595	32,263	+38,332	5,709,029	3,109,889	+2,599,140
1917	371,884	552,454	−180,570	84,131	53,340	+30,791	6,689,527	3,558,203	+3,131,264
1918	41,070	62,043	−20,973	252,846	71,376	+181,470	6,443,004	3,164,631	+3,278,373
1919	368,185	76,534	+291,651	239,021	89,410	+149,611	8,527,632	4,070,309	+4,457,323
1920	322,091	417,068	−94,977	113,616	88,060	+25,556	8,663,724	5,783,610	+2,880,114
1921	23,891	691,248	−667,357	51,575	63,243	−11,668	4,590,407	3,263,639	+1,296,858
1922	36,875	275,170	−238,295	62,807	70,807	−7,999	3,931,459	3,456,724	+472,735
1923	28,643	322,716	−294,073	72,469	74,454	−1,985	4,268,605	4,189,236	+79,369
1924	61,648	319,721	−258,073	109,891	73,945	−35,946	4,762,523	4,003,628	+758,895
1925	262,640	128,272	+134,367	99,128	64,596	+34,532	5,271,615	4,419,458	+852,157
1926	115,708	213,504	−97,796	92,258	69,596	+22,662	5,016,626	4,713,988	+302,638
1927	201,455	207,535	−6,080	75,625	55,074	+20,551	5,142,455	4,447,351	+695,104
1928	560,759	168,897	+391,862	87,382	68,117	+19,265	5,776,407	4,328,458	+1,448,039
1929	116,583	291,649	−175,066	83,407	63,940	+19,467	5,440,985	4,754,950	+686,035
1930	115,967	396,054	−280,087	54,157	42,761	+11,396	4,013,305	3,499,723	+513,582
1931	466,794	612,119	−145,325	26,485	28,664	−2,179	2,917,568	2,731,418	+186,150
1932	809,528	363,315	+446,213	13,850	19,650	−5,800	2,434,394	1,705,739	+728,655
1933	366,652	193,197	+173,455	19,041	60,225	−41,184	2,060,687	1,702,981	+357,706
1934	52,759	1,186,671	−1,133,912	16,551	102,725	−86,174	2,202,110	2,944,451	−742,341

[1] Data shown under silver are for gold and silver. These were not shown separately prior to 1825.
[2] Period beginning Oct. 1, 1841, and ending June 30, 1850.
[3] Period July 1, 1915, to Dec. 31, 1920.

No. 485.—SUPPLEMENT TO TABLES 483 AND 484: CALENDAR YEARS 1900 TO 1915, AND FISCAL YEARS ENDED JUNE 30, 1919 TO 1934

[All figures in thousands of dollars]

Year	Merchandise					
	Exports			General imports	Total exports and imports	Excess of exports (+) or imports (−)
	Total	U. S. merchandise	Reexports			
1900	1,477,946	1,453,010	24,936	829,150	2,307,096	+648,796
1901	1,465,376	1,438,079	27,297	880,420	2,345,796	+584,956
1902	1,360,686	1,333,269	27,418	969,317	2,330,003	+391,369
1903	1,484,753	1,457,647	27,106	995,494	2,480,247	+489,259
1904	1,451,319	1,425,711	25,608	1,035,909	2,487,228	+415,410
1905	1,626,991	1,599,423	27,568	1,179,145	2,806,136	+447,846
1906	1,798,243	1,772,716	25,527	1,320,502	3,118,745	+477,742
1907	1,923,426	1,895,356	28,070	1,423,170	3,346,596	+500,256
1908	1,752,835	1,728,670	24,165	1,116,374	2,869,209	+636,461
1909	1,728,199	1,700,722	27,477	1,475,521	3,203,720	+252,678
1910	1,866,259	1,829,023	37,236	1,562,904	3,429,163	+303,355
1911	2,092,527	2,058,413	34,114	1,532,359	3,624,886	+560,168
1912	2,399,218	2,362,696	36,522	1,818,073	4,217,291	+581,145
1913	2,484,018	2,448,284	35,734	1,792,596	4,276,614	+691,422
1914	2,113,624	2,071,058	42,566	1,789,276	3,902,900	+324,348
1915	3,554,671	3,493,231	61,440	1,778,597	5,333,268	+1,776,074
1920	8,108,989	7,949,309	159,680	5,238,352	13,347,341	+2,870,637
1921	6,516,510	6,385,884	130,626	3,654,459	10,170,969	+2,862,051
1922	3,771,156	3,699,909	71,247	2,608,079	6,379,235	+1,163,077
1923	3,956,733	3,886,682	70,051	3,780,959	7,737,692	+175,774
1924	4,311,656	4,223,973	87,683	3,554,037	7,865,693	+757,619
1925	4,864,580	4,778,154	86,426	3,824,128	8,688,708	+1,040,452
1926	4,753,382	4,653,148	100,234	4,464,872	9,218,254	+288,509
1927	4,968,100	4,867,346	100,753	4,252,024	9,220,124	+716,076
1928	4,877,071	4,773,332	103,738	4,147,499	9,024,570	+729,572
1929	5,373,407	5,283,938	89,469	4,291,888	9,665,295	+1,081,519
1930	4,693,026	4,617,730	75,295	3,848,971	8,542,997	+844,055
1931	3,083,429	3,031,557	51,873	2,432,074	5,515,503	+651,355
1932	1,948,335	1,908,087	40,248	1,730,270	3,678,605	+218,065
1933	1,440,333	1,413,397	26,936	1,167,876	2,608,209	+272,457
1934	2,041,719	2,008,483	33,236	1,721,310	3,763,029	+320,409
1935	2,120,728	2,084,961	35,767	1,785,745	3,906,543	+334,983

Year	Gold			Silver			Total merchandise, gold and silver		
	Exports	Imports	Excess of exports (+) or imports (−)	Exports	Imports	Excess of exports (+) or imports (−)	Exports	Imports	Excess of exports (+) or imports (−)
1900	54,135	66,749	−12,614	66,222	40,100	+26,122	1,598,303	935,999	+662,304
1901	57,784	54,762	+3,022	55,038	31,147	+24,491	1,578,798	966,329	+612,469
1902	36,031	44,193	−8,162	49,273	26,403	+22,870	1,445,990	1,039,913	+406,077
1903	44,347	65,268	−20,921	40,610	23,975	+16,635	1,569,710	1,084,737	+484,973
1904	121,212	84,803	+36,409	50,135	26,087	+24,048	1,622,666	1,146,799	+475,867
1905	46,794	50,203	−3,409	57,513	35,939	+21,574	1,731,298	1,265,377	+465,921
1906	46,709	155,579	−108,870	60,957	44,228	+16,729	1,905,909	1,620,309	+285,600
1907	55,216	143,398	−88,182	61,626	45,912	+15,714	2,040,268	1,812,480	+427,789
1908	81,215	50,276	+30,939	51,838	42,224	+9,614	1,885,888	1,208,874	+677,014
1909	132,881	44,087	+88,794	57,592	46,188	+11,404	1,918,672	1,565,796	+352,876
1910	53,775	59,223	−448	57,361	45,878	+11,483	1,982,395	1,068,005	+314,390
1911	37,183	57,445	−20,262	65,665	43,747	+21,918	2,195,375	1,633,551	+561,824
1912	47,425	66,549	−19,124	71,962	48,401	+23,561	2,518,605	1,933,023	+585,582
1913	91,709	63,705	+28,004	62,777	35,868	+26,909	2,638,594	1,892,169	+746,425
1914	222,616	57,388	+165,228	51,603	25,959	+25,644	2,387,843	1,872,623	+515,220
1915	31,426	451,965	−420,539	53,599	34,484	+19,115	3,639,696	2,265,036	+1,374,660
1920	466,421	150,540	+315,881	170,037	102,900	+76,137	8,754,447	5,491,792	+3,262,655
1921	133,538	638,560	−505,022	52,536	59,431	−6,895	6,702,584	4,352,450	+2,350,134
1922	27,345	468,318	−440,973	62,695	70,684	−7,989	3,861,196	3,147,081	+714,115
1923	49,022	284,090	−235,068	55,907	64,947	−9,040	4,061,662	4,129,996	−68,334
1924	10,207	417,026	−406,819	98,786	79,940	+18,846	4,420,649	4,051,003	+369,646
1925	248,730	134,145	+114,585	108,829	71,608	+37,221	5,222,139	4,029,881	+1,192,258
1926	113,438	210,726	−97,288	97,982	69,401	+28,581	4,964,802	4,744,999	+219,802
1927	103,844	251,756	−147,912	80,881	59,605	+21,276	5,152,825	4,563,385	+589,440
1928	627,102	129,140	+497,962	79,964	59,530	+20,434	5,584,137	4,336,169	+1,247,968
1929	112,291	267,428	−155,137	86,406	69,400	+17,006	5,572,104	4,628,716	+943,388
1930	119,196	342,340	−223,145	72,053	54,477	+17,576	4,884,875	4,245,788	+639,087
1931	107,094	403,795	−296,701	38,931	33,522	+5,409	3,229,454	2,869,391	+360,063
1932	1,233,844	520,028	+713,816	19,979	25,384	−5,405	3,202,158	2,275,682	+926,476
1933	135,393	398,979	−263,586	8,380	35,474	−27,094	1,584,108	1,602,329	−18,223
1934	286,160	862,070	−575,910	23,966	53,012	−29,046	2,351,845	2,636,392	−284,547
1935	40,773	1,139,672	−1,098,899	21,059	174,587	−153,528	2,182,560	3,100,004	−917,444

No. 486.—MERCHANDISE EXPORTS AND IMPORTS WITH TRADE BALANCES: FOR INDIVIDUAL YEARS 1790 TO 1889

NOTE.—All figures in thousands of dollars. Specie values. For later years see table 483. Fiscal years ended Sept. 30, 1790 to 1842, June 30 thereafter

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	1826	72,891	78,094	−5,203	1861	219,554	289,311	−69,757
1791	19,012	29,200	−10,188	1827	74,310	71,333	+2,977	1862	190,671	189,357	+1,314
1792	20,753	31,500	−10,747	1828	64,021	81,020	−16,999	1863	203,964	243,336	−39,372
1793	26,110	31,100	−4,990	1829	67,435	67,089	+346	1864	158,838	316,447	−157,609
1794	33,044	34,600	−1,556	1830	71,671	62,721	+8,950	1865	166,029	238,746	−72,717
1795	47,990	69,756	−21,766								
				1831	72,206	95,885	−23,680	1866	348,860	434,812	−85,952
1796	58,575	81,436	−22,861	1832	81,521	95,122	−13,601	1867	294,506	395,761	−101,255
1797	51,295	75,379	−24,084	1833	87,529	101,048	−13,519	1868	281,953	357,436	−75,483
1798	61,327	68,552	−7,225	1834	102,200	108,010	−6,350	1869	286,118	417,506	−131,388
1799	78,666	79,069	−403	1835	115,216	136,761	−21,548	1870	392,772	435,958	−43,186
1800	70,972	91,253	−20,281								
				1836	124,339	176,579	−52,240	1871	442,820	520,224	−77,404
1801	93,021	111,364	−18,343	1837	111,443	130,473	−19,030	1872	444,178	626,595	−182,417
1802	71,957	76,333	−4,376	1838	104,979	95,970	+9,009	1873	522,480	642,136	−119,656
1803	55,800	64,667	−8,867	1839	112,252	156,497	−44,245	1874	586,283	567,406	+18,877
1804	77,699	85,000	−7,301	1840	123,669	98,259	+25,410	1875	513,443	533,005	−19,562
1805	95,566	120,600	−25,034								
				1841	111,817	122,958	−11,141	1876	540,385	460,741	+79,644
1806	101,537	129,410	−27,873	1842	99,878	96,075	+3,803	1877	602,475	451,323	+151,152
1807	108,343	138,500	−30,157	1843[2]	82,826	42,433	+40,393	1878	694,866	437,052	+257,814
1808	22,431	56,990	−34,559	1844	105,746	102,605	+3,141	1879	710,439	445,778	+264,664
1809	52,203	59,400	−7,197	1845	106,040	113,184	−7,144	1880	835,639	667,955	+167,681
1810	66,758	85,400	−18,642								
				1846	109,583	117,914	−8,331	1881	902,377	642,665	+259,712
1811	61,317	53,400	+7,917	1847	156,742	122,424	+34,318	1882	750,542	724,640	+25,902
1812	38,527	77,030	−38,503	1848	138,191	148,630	−10,448	1883	823,839	723,131	+100,658
1813	27,856	22,005	+5,851	1849	140,351	141,206	−855	1884	740,514	667,698	+72,816
1814	6,927	12,965	−6,038	1850	144,376	173,510	−29,134	1885	742,190	577,527	+164,663
1815	52,558	113,041	−60,482								
				1851	188,915	210,771	−21,856	1886	679,525	635,436	+44,089
1816	81,920	147,103	−65,183	1852	166,984	207,440	−40,456	1887	716,183	692,320	+23,863
1817	87,672	99,250	−11,578	1853	203,489	263,777	−60,288	1888	695,955	723,957	−28,002
1818	93,281	121,750	−28,469	1854	237,044	297,804	−60,760	1889	742,401	745,132	−2,731
1819	70,143	87,125	−16,982	1855	218,910	257,809	−38,899				
1820	69,692	74,450	−4,758								
				1856	281,219	310,432	−29,213				
1821	54,496	54,521	−25	1857	293,824	348,428	−54,604				
1822	61,350	79,872	−18,522	1858	272,011	263,339	+8,672				
1823	68,326	72,481	−4,155	1859	292,902	331,333	−38,431				
1824	68,972	72,169	−3,197	1860	333,576	353,616	−20,040				
1825	90,738	90,189	+549								

[1] Includes gold and silver prior to 1821. [2] Period beginning Oct. 1, 1842, and ending June 30, 1843.

No. 487.—PER CAPITA EXPORTS AND IMPORTS OF MERCHANDISE

NOTE.—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, shown in table 483. Import figures for 1791 to 1820 are based on general imports shown in table 483, for 1821 to 1870, total imports less reexports, and for 1871 to date, imports for consumption, shown in table 488

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	1911–1915	23.98	17.46	1901	18.69	10.34	1918	57.51	28.06
1801–1810	11.82	14.71	1916–1920	61.20	31.37	1902	16.99	11.28	1919	72.60	35.90
1811–1820	6.96	9.53	1921–1925	38.05	30.22	1903	17.10	12.38	1920	74.70	47.16
1821–1830	4.71	5.02	1926–1930	38.50	33.02	1904	17.28	11.82	1921	39.86	23.27
1831–1840	5.85	6.91	1888	11.43	11.81	1905	17.62	12.84	1922	33.75	27.55
1841–1850	5.67	5.60	1889	11.95	12.02	1906	19.90	14.06	1923	38.11	32.95
1851–1860	8.48	9.78	1890	13.54	12.27	1907	21.08	16.09	1924	39.12	31.10
1861–1865	5.11	7.15	1891	13.69	13.27	1908	20.48	13.21	1925	41.30	35.80
1866–1870	8.35	10.73	1892	15.02	12.37	1909	17.96	14.05	1926	39.81	37.24
1871–1875	11.70	13.55	1893	12.53	12.56	1910	18.41	16.66	1927	39.63	34.67
1876–1880	14.01	10.18	1894	12.85	9.32	1911	21.34	16.19	1928	41.31	33.49
1881–1885	14.49	12.50	1895	11.51	10.61	1912	22.65	17.13	1929	41.77	35.14
1886–1890	12.12	11.73	1896	12.29	10.82	1913	24.97	18.17	1930	30.21	24.88
1891–1895	13.21	11.59	1897	14.43	11.03	1914	23.61	19.32	1931	18.86	16.56
1896–1900	15.60	10.03	1898	16.62	8.06	1915	27.13	16.46	1932	12.42	10.44
1901–1905	17.53	11.75	1899	16.24	9.24	1916	53.01	23.06	1933	12.89	11.21
1906–1910	19.54	14.82	1900	18.17	11.01	1917	59.48	28.14	1934	16.34	12.73

No. 488.—IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON

NOTE.—Specie values through 1932; current dollar values thereafter (see general note, p. 416). From 1821 to 1866, inclusive, the figures of import values represent total imports less reexports, and for 1867 and later years imports entered for consumption. The "ratio of duties to total" is based upon the values of imports shown in the table. Figures cover fiscal years ended Sept. 30, 1821 to 1842, and June 30, 1843 to 1915; calendar years thereafter

Yearly average or year	Values				Duties calculated	Ratio of duties to total		Amount of 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
1861–1865	237,826	45,110	192,716	18.97	65,275	27.45	33.87	1.96
1866–1870	393,447	26,242	367,205	6.67	174,809	44.43	47.61	4.75
1871–1875	563,234	112,458	450,776	19.97	183,014	32.49	40.60	4.40
1876–1880	482,071	154,501	327,570	32.05	143,388	29.74	43.77	3.03
1881–1885	663,128	204,673	458,455	30.86	197,801	29.83	43.15	3.70
1886–1890	702,234	237,299	464,935	33.80	213,358	30.38	45.89	3.56
1891–1895	763,756	401,921	366,835	52.29	173,832	22.61	47.39	2.62
1896–1900	730,411	341,753	388,658	46.79	181,328	24.83	46.65	2.49
1901–1905	956,891	428,830	528,061	44.81	256,469	26.80	48.57	3.15
1906–1910	1,328,137	615,416	712,721	46.34	305,440	23.00	42.86	3.41
1911–1915	1,698,028	966,141	731,887	56.89	283,408	16.69	38.72	2.91
1915–1920 [1]	3,288,839	2,262,412	1,026,245	68.79	227,035	6.90	22.08	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	550,742	13.70	40.06	4.40
1801	845,483	379,028	466,455	44.83	216,885	25.65	46.50	3.40
1802	804,297	448,771	355,526	55.78	174,124	21.65	48.98	2.68
1803	832,732	432,450	400,282	51.93	199,143	23.91	49.75	3.00
1804	630,107	372,462	257,645	59.11	129,558	20.56	50.29	1.92
1805	731,162	376,890	354,272	51.55	149,450	20.44	42.19	2.17
1806	759,694	368,897	390,797	48.56	157,013	20.67	40.18	2.24
1807	789,251	381,902	407,349	48.39	172,760	21.89	42.41	2.41
1808	587,153	291,534	295,619	49.65	145,438	24.77	49.20	2.00
1809	685,441	299,669	385,772	43.72	202,072	29.48	52.38	2.73
1900	830,519	366,760	463,759	44.16	229,360	27.62	49.46	3.04
1901	807,763	339,093	468,670	41.98	233,556	28.91	49.83	2.99
1902	899,793	396,542	503,251	44.01	251,453	27.95	49.97	3.15
1903	1,007,960	437,291	570,669	43.38	280,752	27.85	49.20	3.45
1904	981,822	454,153	527,669	46.26	258,161	26.29	48.92	3.11
1905	1,087,118	517,073	570,045	47.56	258,426	23.77	45.33	3.05
1906	1,213,417	548,695	664,722	45.22	293,010	24.22	44.22	3.40
1907	1,415,402	641,953	773,449	45.35	329,480	23.28	42.60	3.75
1908	1,188,120	525,704	657,416	44.43	282,552	23.88	42.98	3.15
1909	1,281,941	599,376	682,265	46.77	294,667	22.99	43.19	3.23
1910	1,547,109	761,353	785,756	49.21	326,561	21.11	41.56	3.52
1911	1,527,945	776,964	750,981	50.85	309,965	20.29	41.27	3.28
1912	1,640,722	881,513	759,209	53.73	304,899	18.58	40.16	3.18
1913	1,766,689	986,972	779,717	55.87	312,509	17.69	40.08	3.21
1914	1,906,400	1,152,392	754,008	60.45	283,719	14.88	37.63	2.87
1915	1,648,386	1,032,863	616,523	62.66	205,946	12.49	33.46	2.06
1915 (6 mos.)	934,675	631,384	303,291	67.56	95,858	10.26	31.61	.95
1916	2,353,612	1,614,842	743,770	68.47	214,214	9.10	28.80	2.11
1917	2,919,291	2,140,947	778,344	73.34	204,585	7.01	26.28	1.99
1918	2,951,531	2,228,675	722,856	75.51	170,934	5.79	23.65	1.64
1919	3,827,083	2,711,462	1,116,221	70.84	237,456	6.20	21.27	2.24
1920	5,101,823	3,115,958	1,985,865	61.08	325,646	6.38	16.40	3.03
1921	2,556,869	1,564,278	992,591	61.18	292,397	11.44	29.46	2.66
1922	3,073,773	1,888,240	1,185,533	61.43	451,356	14.68	38.07	4.05
1923	3,731,769	2,165,148	1,566,621	58.02	566,664	15.18	36.17	5.00
1924	3,575,111	2,118,168	1,456,943	59.25	532,286	14.89	36.53	4.63
1925	4,176,218	2,708,828	1,467,391	64.87	551,853	13.21	37.61	4.73
1926	4,408,076	2,908,107	1,499,969	65.97	590,045	13.39	39.34	4.98
1927	4,163,090	2,680,059	1,483,031	64.38	574,839	13.81	38.76	4.79
1928	4,077,937	2,678,633	1,399,304	65.68	542,270	13.30	38.76	4.45
1929	4,338,572	2,880,128	1,458,444	66.38	564,771	13.48	40.10	4.74
1930	3,114,077	2,081,123	1,032,954	66.83	461,790	14.83	44.71	3.69
1931	2,088,455	1,391,693	696,762	66.64	370,771	17.75	53.21	2.94
1932	1,325,093	885,536	439,557	66.83	259,600	19.59	59.06	2.05
1933	1,433,013	903,547	529,466	63.05	283,681	19.80	53.58	2.22
1934	1,636,003	991,161	644,842	60.58	301,168	18.41	46.70	2.34

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 489.—PERCENTAGE DISTRIBUTION OF EXPORTS AND IMPORTS OF MERCHANDISE, BY ECONOMIC CLASSES

NOTE.—Percentages are based on figures shown in table 490

Year or yearly average	Per cent of total exports of United States merchandise					Per cent of total general imports				
	Crude materials	Crude foodstuffs	Manufactured foodstuffs	Semi-manufactures	Finished manufactures	Crude materials	Crude foodstuffs	Manufactured foodstuffs	Semi-manufactures	Finished manufactures
1821	60.62	4.79	19.51	9.42	5.66	4.06	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	15.40	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
1861–1865	19.97	22.13	34.42	5.69	17.78	14.12	14.29	17.47	13.60	40.52
1866–1870	57.62	9.05	13.75	4.68	14.89	11.71	13.23	19.93	13.87	41.26
1871–1875	44.94	15.47	19.59	4.67	15.33	16.12	14.12	20.07	13.56	36.13
1876–1880	32.24	23.93	24.39	4.55	14.87	18.55	18.16	21.49	12.45	29.35
1881–1885	33.78	21.00	25.50	4.78	14.94	19.98	14.90	19.15	13.73	32.25
1886–1890	38.13	14.98	25.01	5.52	16.36	22.65	15.77	16.49	15.76	29.33
1891–1895	33.67	17.21	27.22	6.32	15.57	23.59	18.66	17.92	14.37	25.45
1896–1900	26.11	18.90	24.01	9.64	21.33	29.47	16.08	15.93	13.35	26.17
1901–1905	30.27	12.19	22.16	11.30	24.07	33.38	12.92	12.36	16.65	24.69
1906–1910	31.68	8.90	18.12	14.23	27.07	34.56	10.98	11.80	17.82	24.84
1911–1915	30.74	8.83	14.32	15.41	30.70	34.91	12.80	12.56	17.37	22.36
1916–1920[1]	18.22	9.16	17.66	15.39	39.58	40.13	12.16	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
1910–1914	33.48	5.94	13.84	16.03	30.71	35.23	12.03	11.50	18.18	23.05
1915–1919[2]	16.13	9.62	18.09	16.67	39.47	41.33	12.43	14.14	17.64	14.50
1891	40.28	12.17	25.96	5.49	16.09	22.79	17.83	17.48	16.15	25.75
1892	31.48	25.84	24.66	4.95	13.07	23.54	21.22	16.89	13.63	24.72
1893	30.28	18.43	29.73	5.94	15.63	25.00	15.19	17.75	15.65	26.40
1894	32.60	15.30	28.77	7.72	16.61	20.56	20.35	23.72	12.65	22.72
1895	33.94	12.50	27.61	7.85	18.10	25.62	19.31	14.63	13.18	27.26
1896	29.80	14.90	25.41	8.85	21.04	26.06	16.67	15.24	12.96	29.07
1897	29.49	17.58	22.79	9.52	20.03	26.25	16.79	16.90	11.57	28.48
1898	24.44	25.21	23.54	8.43	18.38	31.44	16.38	13.97	12.88	24.84
1899	23.75	19.35	25.31	9.78	21.81	30.60	14.19	17.71	13.19	24.32
1900	24.81	16.48	23.32	11.18	24.20	33.14	11.52	15.65	15.79	23.90
1901	28.17	16.83	23.09	10.16	21.76	30.88	13.43	15.25	15.49	24.96
1902	28.60	13.63	24.26	9.75	23.75	34.16	13.31	10.56	16.34	25.62
1903	29.85	13.31	23.22	10.10	23.52	32.80	11.62	11.37	19.08	25.13
1904	32.54	9.46	21.52	12.19	24.30	33.05	13.34	11.93	16.17	25.51
1905	32.08	7.92	18.97	14.07	26.96	35.42	13.08	13.01	15.01	22.58
1906	29.53	10.32	20.22	13.17	26.76	34.55	10.95	11.44	17.96	25.10
1907	32.40	9.03	18.65	14.00	25.93	34.00	10.44	11.06	19.11	25.39
1908	30.70	10.30	18.10	14.23	26.68	31.31	12.19	12.31	16.43	27.77
1909	32.27	8.28	18.47	14.11	26.87	35.13	12.51	12.63	16.94	22.80
1910	33.57	6.42	15.16	15.66	29.19	37.11	9.30	11.66	18.31	23.62
1911	35.79	5.13	14.01	15.35	29.72	34.36	11.87	11.26	18.84	23.67
1912	33.69	4.60	14.69	16.04	30.98	34.66	13.93	11.86	17.77	21.78
1913	30.48	7.49	13.23	16.83	31.97	35.82	11.68	10.72	19.27	22.51
1914	34.33	5.90	12.59	16.06	31.11	34.31	13.00	12.02	16.86	23.72
1915	21.77	18.66	16.74	13.10	29.73	35.33	13.38	17.07	14.17	20.04
1915 (6 mos.)	16.66	8.67	16.08	14.72	43.87	41.46	14.29	12.43	15.75	16.08
1916	15.04	7.76	11.95	16.82	48.43	43.04	10.88	14.16	17.47	14.45
1917	13.50	8.28	13.08	21.39	43.77	43.56	13.07	11.90	18.18	13.28
1918	16.07	9.05	23.25	17.41	34.22	40.70	11.41	13.12	21.43	13.34
1919	20.04	8.75	25.32	11.90	33.08	43.57	13.97	14.23	15.60	12.64
1920	23.30	11.36	13.82	11.86	39.66	33.79	10.94	23.46	15.20	16.61
1921	22.46	15.38	15.66	9.38	37.12	34.23	11.96	14.68	14.41	24.71
1922	28.25	12.18	15.62	11.63	34.32	37.91	10.59	12.44	17.76	21.30
1923	29.54	6.29	14.26	13.78	36.12	37.10	9.58	13.98	19.00	20.34
1924	29.63	8.73	12.75	13.57	35.32	34.86	11.77	14.45	18.17	20.76
1925	29.51	6.60	11.90	13.73	38.26	41.36	11.71	10.24	17.87	18.83
1926	26.77	7.11	10.67	13.91	41.54	40.47	12.18	9.42	18.15	19.78
1927	25.07	8.85	9.74	14.70	41.64	38.25	12.06	10.77	17.92	21.00
1928	25.71	5.86	9.26	14.24	44.93	35.85	13.44	9.91	18.65	22.15
1929	22.15	5.23	9.40	14.13	49.09	35.43	12.24	9.63	20.12	22.58
1930	21.93	4.72	9.59	13.50	50.20	32.74	13.07	9.59	19.87	24.73
1931	23.83	5.34	10.38	13.35	47.10	30.72	14.58	10.63	17.80	26.27
1932	32.60	5.67	9.65	12.48	39.60	27.09	17.61	13.15	16.40	25.75
1933	35.85	2.94	9.38	14.39	37.44	28.85	14.61	14.17	20.14	22.23
1933[3]						*29.28*	*15.04*	*13.34*	*20.21*	*22.13*
1934	31.08	2.81	79.8	16.28	41.85	28.16	15.54	16.11	18.78	21.41

[1] Period July 1, 1915, to Dec. 31, 1920.
[2] Fiscal years.
[3] Imports for consumption; see headnote, table 490.

No. 490.—EXPORTS OF UNITED STATES MERCHANDISE

NOTE.—All figures in thousands of dollars. Merchandise only, specie values through 1932; current
except 1933 figures in italics; the latter and figures for 1934 are imports for consumption. Figures cover
For articles covered by each class see Annual Commerce and Navigation of the United States. Owing
1915–19 are also shown

Yearly average or year	Exports of United States merchandise					
	Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs	Semi-manufactures	Finished manufactures
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
1861–1865	170, 198	33, 990	37, 670	58, 585	9, 686	30, 267
1866–1870	307, 696	177, 296	27, 858	42, 306	14, 408	45, 828
1871–1875	486, 128	218, 449	75, 206	95, 282	22, 681	74, 509
1876–1880	663, 650	213. 989	158, 853	161, 915	30, 174	98, 719
1881–1885	774, 607	261, 645	162, 714	197, 457	37, 044	115, 747
1886–1890	725, 685	276, 703	108. 708	181. 521	40, 023	118, 730
1891–1895	876, 326	295, 087	150, 846	238, 580	55, 343	136, 470
1896–1900	1, 136, 039	296, 664	214, 778	272, 759	109, 500	242, 338
1901–1905	1, 427, 020	432. 027	173. 972	316, 226	161, 206	343, 589
1906–1910	1, 750, 980	554. 754	155, 828	317, 374	249, 134	473, 890
1911–1915	2, 331, 648	716, 637	205, 930	333, 971	359, 239	715, 861
1916–1920 [1]	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	209, 794	455, 814	662, 688	2, 125, 730
1910–1914	2, 130, 429	713, 184	126, 506	294, 908	341, 620	654, 211
1915–1919 [2]	5, 227, 127	843, 258	502, 763	945, 729	871, 731	2, 063, 646
1891	872, 270	351, 355	106, 156	226, 448	47, 961	140, 350
1892	1, 015, 732	319, 761	262, 456	250, 439	50, 284	132, 792
1893	831, 031	251, 669	153, 278	247, 075	49, 071	129, 938
1894	869, 205	283, 357	133, 197	249, 846	67, 145	135, 659
1895	793, 308	269, 294	99, 145	219, 090	62, 254	143. 610
1896	863, 201	257, 227	128, 551	219. 413	76, 220	181, 789
1897	1, 032, 008	304, 291	181, 421	235, 052	98, 284	212, 950
1898	1. 210, 292	295, 775	305. 109	284, 880	101. 991	222, 537
1899	1. 203, 931	285, 887	232, 903	304, 755	117, 730	262, 657
1900	1, 370, 764	340, 139	225. 906	319, 696	153. 276	331, 747
1901	1, 460, 463	411, 377	245, 836	337, 153	148, 351	317, 746
1902	1, 355, 482	387, 711	184, 786	328, 832	132, 206	321, 947
1903	1, 392, 232	415, 543	185, 308	323, 245	140, 667	327, 469
1904	1, 435, 179	466, 984	135. 747	308, 836	174, 877	348. 735
1905	1, 491. 745	478, 518	118. 185	283, 065	209, 926	402, 050
1906	1, 717, 954	507, 328	177, 216	347, 385	226, 211	459, 813
1907	1, 853, 718	600, 540	167, 348	345, 707	259, 442	480. 681
1908	1, 834, 786	563, 197	180, 052	331. 962	261, 106	489. 470
1909	1, 638, 356	528, 601	135, 694	302, 555	231, 144	440. 272
1910	1, 710, 084	574. 015	109, 828	259, 260	267, 766	499, 215
1911	2, 013, 549	720. 611	103, 402	282, 017	309, 152	598. 368
1912	2, 170, 320	731, 164	99, 899	318, 839	348, 150	672, 268
1913	2, 428, 506	740, 290	181, 907	321, 204	408, 807	776, 297
1914	2, 329, 684	709, 838	137, 495	293, 219	374, 224	724, 908
1915	2, 716, 178	591, 282	506, 993	454, 575	355, 862	807, 466
1915 (6 mos.)	1, 820, 393	303. 228	157, 897	292, 720	268, 002	798, 546
1916	5, 422, 642	815, 693	421, 284	648, 039	912, 262	2, 625, 364
1917	6, 169 617	832, 827	508, 762	806, 941	1, 315, 242	2, 705. 845
1918	6, 047, 876	972, 107	547, 436	1, 405, 820	1, 053, 270	2, 069, 242
1919	7. 749, 816	1, 023, 085	678, 363	1, 962, 616	922, 246	2, 563, 505
1920	8, 080, 481	1, 882, 530	917, 991	1, 116, 605	958, 497	3, 204, 858
1921	4, 378, 928	983, 553	673, 334	685, 025	410, 167	1, 626, 849
1922	3, 765, 091	988, 456	458, 011	587, 987	437. 730	1. 292, 307
1923	4, 090, 715	1, 208, 468	257, 478	583, 292	563, 718	1, 477, 759
1924	4. 497, 649	1, 332, 746	392, 691	573, 492	610, 668	1, 588. 052
1925	4, 818, 722	1. 422, 058	317. 894	573, 753	661, 683	1. 843, 334
1926	4, 711, 721	1, 261, 325	335, 063	503, 005	655. 547	1, 956, 781
1927	4, 758, 864	1, 192, 776	421, 107	463, 299	699, 727	1, 981, 955
1928	5, 030, 099	1, 293, 257	294, 677	465, 811	716, 352	2, 260, 002
1929	5, 157, 083	1, 142, 352	269, 590	484, 304	729, 013	2, 531, 823
1930	3, 781, 172	829, 098	178, 533	302, 650	512, 802	1, 898, 089
1931	2, 377, 982	566, 791	127, 072	246, 814	317, 647	1, 119, 657
1932	1, 576, 151	513, 659	89, 419	152, 118	196, 727	624, 228
1933	1, 647, 220	590, 566	48, 366	154, 609	237, 041	616, 639
1933 [3]						
1934	2, 100, 135	652, 752	59, 032	167, 677	341, 837	878, 839

[1] Period July 1, 1915, to Dec. 31, 1920.

AND IMPORTS, BY ECONOMIC CLASSES

dollar values thereafter (see general note, p 416). Import data are "general" imports through 1933; fiscal years ended Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar thereafter, except as noted. to the special influence of the war on the character of our trade, averages for the fiscal years 1910–14 and

Imports						Yearly average or year
Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs	Semimanufactures	Finished manufactures	
54, 521	2, 540	6, 081	10, 821	4, 079	30, 999	1821.
62, 721	4, 797	7, 382	9, 654	5, 152	35, 735	1830.
98, 259	12, 140	15, 274	15, 189	11, 356	44, 300	1840.
173, 510	12, 556	18, 012	21, 466	26, 163	95, 313	1850.
284, 475	27, 394	33, 286	43, 904	35, 559	144, 332	1851–1860.
255, 439	36, 064	36, 504	44, 613	34, 744	103, 514	1861–1865.
408, 205	47, 814	54, 018	81, 381	56, 632	168, 449	1866–1870.
577, 873	93, 182	81, 602	115, 960	78, 360	208, 769	1871–1875.
492, 570	91, 353	89, 461	105, 865	61, 318	144, 573	1876–1880.
667, 142	133, 268	99, 376	127, 732	91, 625	215, 141	1881–1885.
717, 231	162, 436	113, 130	118, 224	113, 045	210, 396	1886–1890.
785, 137	185, 222	146, 510	140, 726	112, 833	199, 846	1891–1895.
741, 519	218, 517	111, 843	118, 124	99, 005	194, 030	1896–1900.
972, 162	324, 508	125, 644	120, 218	161, 809	239, 983	1901–1905.
1, 344, 838	464, 809	147, 706	158, 658	239, 577	334, 088	1906–1910.
1, 712, 319	597, 701	219, 035	215, 144	297, 476	382, 963	1911–1915.
3, 358, 354	1, 347, 667	408, 152	544, 549	574, 421	483, 566	1915–1920.[1]
3, 450, 103	1, 290, 375	382, 539	448, 089	609, 225	719, 875	1921–1925.
4, 033, 469	1, 484, 123	506, 616	398, 310	762, 034	882, 385	1926–1930.
1, 688, 874	594, 957	203, 205	194, 312	307, 068	389, 332	1910–1914.
2, 514, 557	1, 039, 366	312, 059	355, 305	443, 647	364, 180	1915–1919.[2]
844, 916	192, 531	150, 639	147, 722	136, 446	217, 578	1891.
827, 402	194, 776	175, 559	139, 795	112, 720	204, 544	1892.
866, 401	216, 624	131, 664	153, 739	135, 609	228, 765	1893.
654, 995	134, 643	133, 310	155, 349	82, 895	148, 798	1894.
731, 970	187, 537	141, 377	107, 026	96, 487	199, 543	1895.
779, 725	203, 205	130, 002	118, 806	101, 071	226, 640	1896.
764, 730	200, 771	128, 380	129, 245	88, 490	217, 844	1897.
616, 050	193, 660	103, 985	86, 091	79, 289	153, 025	1898.
697, 148	213, 297	98, 933	123, 448	91, 954	169, 516	1899.
849, 941	281, 649	97, 916	133, 028	134, 222	203, 126	1900.
823, 172	254, 164	110, 385	125, 541	127, 577	205, 505	1901.
903, 321	308, 613	120, 280	95, 350	147, 656	231, 421	1902.
1, 025, 719	336, 388	119, 203	116, 620	195, 751	257, 757	1903.
991, 087	327, 549	132, 224	118, 223	160, 234	252, 858	1904.
1, 117, 513	395, 826	146, 131	145, 356	177, 828	252, 372	1905.
1, 226, 562	423, 789	134, 315	140, 358	220, 299	307, 801	1906.
1, 434, 421	487, 728	149, 748	158, 656	274, 096	364, 193	1907.
1, 194, 342	373, 889	145, 578	147, 009	196, 248	331, 618	1908.
1, 311, 920	460, 901	164, 111	165, 701	222, 102	299, 106	1909.
1, 556, 947	577, 743	144, 777	181, 566	285, 138	367, 723	1910.
1, 527, 226	524, 817	181, 195	172, 006	287, 786	361, 422	1911.
1, 653, 265	573, 048	230, 358	196, 101	293, 739	360, 019	1912.
1, 813, 008	649, 438	211, 747	194, 243	349, 402	408, 179	1913.
1, 893, 926	649, 740	247, 948	227, 644	319, 276	449, 318	1914.
1, 674, 170	591, 462	223, 930	285, 725	237, 176	335, 877	1915.
912, 787	378, 446	130, 398	113, 441	143, 752	146, 750	1915 (6 mos.).
2, 391, 635	1, 029, 358	260, 132	338, 707	417, 860	345, 578	1916.
2, 952, 468	1, 286, 079	385, 726	351, 553	536, 663	392, 448	1917.
3, 031, 213	1, 233, 697	345, 653	397, 370	649, 585	404, 908	1918.
3, 904, 355	1, 701, 057	545, 301	555, 808	608, 996	493, 203	1919.
5, 278, 481	1, 783, 534	577, 627	1, 238, 139	802, 456	876, 725	1920.
2, 509, 148	858, 858	300, 181	368, 311	361, 747	620, 051	1921.
3, 112, 747	1, 179, 894	329, 800	387, 419	552, 677	662, 947	1922.
3, 792, 066	1, 406, 797	363, 032	530, 208	720, 729	771, 300	1923.
3, 609, 963	1, 258, 256	424, 873	521, 600	655, 888	749, 346	1924.
4, 226, 589	1, 748, 065	494, 800	432, 906	755, 085	795, 733	1925.
4, 430, 888	1, 792, 292	539, 818	417, 817	804, 333	876, 628	1926.
4, 184, 742	1, 600, 809	504, 686	450, 849	749, 801	878, 597	1927.
4, 091, 444	1, 466, 734	549, 892	405, 814	762, 831	906, 173	1928.
4, 309, 361	1, 558, 620	538, 560	423, 622	885, 051	993, 508	1929.
3, 060, 908	1, 002, 161	400, 125	293, 448	608, 153	757, 021	1930.
2, 090, 635	642, 173	304, 828	222, 316	372, 043	549, 275	1931.
1, 322, 774	358, 325	232, 964	173, 927	216, 967	340, 591	1932.
1, 449, 559	418, 151	211, 813	205, 370	292, 005	322, 220	1933.
1, 433, 013	*419, 632*	*215, 490*	*191, 196*	*289, 612*	*317, 083*	*1933.*[3]
1, 636, 003	460, 617	254, 314	263, 547	307, 302	350, 223	1934.

[1] Fiscal years.

[3] See headnote.

No. 491.—IMPORTS, FREE AND DUTIABLE, AND

NOTE.—All figures in thousands of dollars. Merchandise only, specie values through 1932; current dollar June 30, 1850 to 1915; calendar thereafter, except as noted. Data are "general" imports through 1933; lower than in imports for consumption because relatively more of the dutiable general imports are of the free goods in general imports, resulting from the facts set forth in table 492

Year or yearly average	Total			Crude materials			Crude foodstuffs and food animals		
	Free	Dutiable	Per cent free	Free	Dutiable	Per cent free	Free	Dutiable	Per cent free
1821	2,018	52,504	3.7	1,475	1,066	58.1	----------	5,082	----------
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	30,105	3,121	90.6
1861–1865	48,948	206,491	19.2	10,759	25,305	29.8	17,365	19,140	47.6
1866–1870	27,828	380,467	6.8	9,910	37,904	20.7	4,443	49,575	8.2
1871–1875	105,286	472,587	18.2	48,082	45,100	51.6	45,026	36,576	55.2
1876–1880	154,683	337,887	31.4	60,902	30,450	66.7	74,806	14,654	83.6
1881–1885	204,735	462,407	30.7	91,384	41,884	68.6	76,513	22,804	77.0
1886–1890	242,521	474,710	33.8	104,961	57,475	64.6	90,035	23,095	79.6
1891–1895	402,363	382,774	51.2	143,613	41,610	77.5	124,808	21,702	85.2
1896–1900	342,125	399,394	46.1	177,649	40,868	81.3	88,359	23,484	79.0
1901–1905	426,836	545,326	43.9	243,319	81,189	75.0	98,921	26,723	78.7
1906–1910	614,825	730,013	45.7	348,061	116,749	74.9	120,233	27,473	81.4
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	1,195,503	152,074	88.7	340,926	58,226	85.7
1921–1925	2,060,303	1,380,800	59.7	1,036,581	253,704	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
1910–1914	905,706	783,078	53.6	477,331	117,626	80.2	164,554	38,651	81.0
1915–1919 [2]	1,744,767	769,789	69.4	925,417	113,949	53.0	263,025	49,033	84.3
1891	366,241	478,675	43.3	139,855	52,676	72.6	126,337	24,302	83.9
1892	457,999	369,403	55.4	149,159	45,616	76.6	155,831	19,728	88.8
1893	444,544	421,857	51.3	165,928	50,697	76.6	106,769	24,895	81.1
1894	379,796	275,199	58.0	105,654	27,989	79.2	114,255	19,054	85.7
1895	363,234	368,736	49.6	156,404	31,073	83.4	120,847	20,530	85.5
1896	369,758	409,967	47.4	176,657	26,549	86.9	108,891	21,111	83.8
1897	381,938	382,792	49.9	182,775	17,996	91.0	108,089	20,291	84.2
1898	291,414	324,636	47.3	147,341	46,319	76.1	86,145	17,840	82.8
1899	300,280	396,868	43.1	188,653	44,643	79.1	69,948	28,985	70.7
1900	367,237	482,704	43.2	212,820	68,829	75.6	68,722	29,194	70.2
1901	339,609	483,563	41.3	191,155	63,009	75.2	80,961	29,424	73.3
1902	396,819	506,502	43.9	233,242	75,371	75.6	90,287	29,993	75.1
1903	426,181	599,538	41.6	249,276	87,112	74.1	86,622	32,581	72.7
1904	454,130	536,957	45.8	249,998	77,552	76.3	110,481	21,742	83.6
1905	517,442	600,071	46.3	292,921	102,905	71.5	126,254	19,877	86.4
1906	549,624	676,938	44.8	312,290	111,499	73.7	114,305	20,010	85.1
1907	644,030	790,391	44.9	366,164	121,564	75.1	125,047	24,701	83.5
1908	525,603	668,739	44.0	282,943	90,946	75.7	116,510	29,008	80.0
1909	599,557	712,363	45.7	334,957	125,944	72.7	131,621	32,490	80.2
1910	755,311	801,636	48.5	443,951	133,792	76.8	113,081	31,095	78.5
1911	776,972	750,254	50.9	409,671	115,145	78.1	147,262	33,932	81.3
1912	881,671	771,594	53.3	453,931	119,117	79.2	180,127	50,231	78.2
1913	987,524	825,484	54.5	519,103	130,334	79.9	179,829	31,917	84.9
1914	1,127,503	766,423	59.5	560,000	89,740	86.2	201,868	40,080	81.4
1915	1,033,527	640,643	61.7	517,034	74,428	87.4	196,763	27,167	87.9
1915 (6 mos.)	628,837	283,950	68.9	332,105	46,340	87.8	113,550	16,849	87.1
1916	1,611,887	779,748	67.4	922,045	107,312	89.6	216,570	43,562	83.3
1917	2,135,552	816,916	72.3	1,169,041	117,038	90.9	316,965	68,759	82.2
1918	2,230,353	800,860	73.6	1,092,887	140,860	88.6	283,535	62,118	82.0
1919	2,698,703	1,205,062	69.1	1,508,164	192,894	88.7	480,856	64,444	88.2
1920	3,117,010	2,161,471	59.1	1,551,570	231,964	87.0	513,117	64,510	88.8
1921	1,562,292	946,856	62.3	750,640	108,219	87.4	253,703	46,477	84.5
1922 [3]	1,871,917	1,240,830	60.1	963,150	216,744	81.6	249,600	80,209	75.7
1923 [3]	2,135,942	1,656,124	56.3	1,091,393	315,404	77.6	279,222	83,810	76.9
1924 [3]	2,080,096	1,529,867	57.6	977,635	280,621	77.7	335,741	89,132	79.0
1925 [3]	2,651,266	1,575,323	62.7	1,400,083	347,982	80.1	392,942	101,858	79.4
1926 [3]	2,853,411	1,577,477	64.4	1,483,772	308,520	82.8	438,594	101,224	81.2
1927 [3]	2,621,873	1,562,869	62.7	1,315,237	285,572	82.2	392,971	111,715	77.9
1928 [3]	2,616,239	1,475,205	63.9	1,222,411	244,323	83.3	431,587	118,305	78.5
1929 [3]	2,843,354	1,556,007	64.6	1,280,317	269,303	83.0	443,372	95,188	82.4
1930 [3]	2,051,110	1,009,708	67.0	834,120	168,041	83.2	331,179	68,946	82.8
1931 [3]	1,381,435	709,199	66.1	524,541	117,632	81.7	269,124	35,704	88.3
1932 [3]	879,043	443,731	66.5	286,731	71,594	80.0	207,438	25,526	89.0
1933 [3]	878,100	571,459	60.6	298,250	119,900	71.3	190,199	21,614	89.8
1934 [3]	991,101	644,842	60.6	345,395	115,222	75.0	209,404	44,910	82.3

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Fiscal years.

PER CENT FREE, BY ECONOMIC CLASSES

values thereafter (see general note, p. 416). Figures cover fiscal years ended Sept. 30, 1821 to 1840, and imports for consumption beginning 1934. The percentage free in general imports is normally slightly reported as reexported than of the free general imports. Moreover, since 1922 there is an understatement

Manufactured foodstuffs			Semimanufactures			Finished manufactures			Year or yearly average
Free	Dutiable	Per cent free	Free	Dutiable	Per cent free	Free	Dutiable	Per cent free	
	10, 821		488	3, 591	12. 0	55	30, 044	0. 2	1821.
	9, 654		1, 211	3, 942	23. 5	31	35, 703	.1	1830.
1, 021	14, 108	6. 7	4, 962	6, 394	43. 7	17, 337	26, 963	39. 1	1840.
	21, 466		764	25, 309	2. 9	911	94, 401	1. 0	1850.
2, 420	41, 477	5. 5	3, 419	32, 140	9. 6	2, 265	142, 067	1. 6	1851–1860.
4, 671	39, 942	10. 5	7, 980	26, 764	23. 0	8, 173	95, 341	7. 9	1861–1865.
1, 847	79, 534	2. 3	6, 722	49, 910	11. 9	4, 906	163, 543	2. 9	1866–1870.
371	115, 589	.3	6, 255	72, 105	8. 0	5, 552	203, 216	2. 7	1871–1875.
3, 244	102, 621	3. 1	9, 114	52, 204	14. 9	6, 616	137, 957	4. 6	1876–1880.
9, 240	118, 493	7. 2	15, 209	76, 416	16. 6	12, 389	202, 751	5. 8	1881–1885.
13, 664	104, 500	11. 6	19, 175	93, 870	17. 0	14, 686	195, 709	7. 0	1886–1890.
92, 078	48, 649	65. 4	25, 614	87, 219	22. 7	16, 251	183, 594	8. 1	1891–1895.
18, 950	99, 173	16. 0	34, 565	64, 440	34. 9	22, 602	171, 429	11. 6	1896–1900.
3, 180	117, 029	2. 7	59, 943	101, 866	37. 0	21, 465	218, 518	8. 9	1901–1905.
5, 498	153, 100	3. 5	102, 198	137, 379	42. 7	38, 835	295, 253	11. 6	1906–1910.
25, 626	189, 517	11. 9	167, 863	129, 612	56. 4	94, 332	288, 131	24. 8	1911–1915.
73, 142	471, 407	13. 4	424, 243	150, 177	73. 9	215, 704	267, 862	44. 6	1915–1920. [1]
56, 620	391, 409	12. 6	411, 802	197, 423	67. 6	253, 058	466, 317	35. 2	1921–1925.
73, 706	324, 603	18. 5	543, 245	218, 789	71. 3	343, 735	538, 650	39. 0	1926–1930.
17, 290	177, 022	8. 9	100, 166	140, 902	52. 2	76, 455	302, 877	22. 2	1910–1914.
59, 384	296, 122	16. 7	340, 077	102, 970	76. 8	156, 464	207, 715	43. 0	1915–1919. [2]
62, 119	85, 603	42. 1	23, 435	113, 011	17. 2	14, 495	203, 082	6. 7	1891.
111, 614	28, 180	79. 8	26, 437	86, 293	23. 5	14, 950	189, 585	7. 3	1892.
121, 858	31, 881	79. 3	33, 114	102, 495	24. 4	16, 876	211, 889	7. 4	1893.
130, 454	24, 895	84. 0	15, 129	67, 705	18. 3	13, 302	135, 496	8. 9	1894.
34, 343	72, 683	32. 1	20, 955	66, 531	31. 0	21, 625	177, 919	10. 8	1895.
15, 903	102, 902	13. 4	37, 718	63, 353	37. 3	30, 588	196, 051	13. 5	1896.
17, 082	112, 163	13. 2	39, 666	48, 925	44. 7	34, 427	168, 417	15. 8	1897.
18, 874	67, 217	21. 9	23, 739	55, 560	29. 9	15, 316	137, 709	10. 0	1898.
19, 783	103, 665	16. 0	26, 226	65, 728	28. 5	15, 670	153, 847	9. 2	1899.
23, 110	109, 918	17. 4	45, 578	88, 644	34. 0	17, 007	186, 119	8. 4	1900.
2, 817	122, 724	2. 2	44, 700	82, 877	35. 0	19, 976	185, 530	9. 7	1901.
3, 068	92, 283	3. 2	51, 138	96, 519	34. 6	19, 084	212, 336	8. 2	1902.
3, 417	113, 203	2. 9	67, 258	128, 493	34. 4	19, 609	238, 149	7. 6	1903.
3, 328	114, 895	2. 8	65, 558	94, 676	40. 9	24, 765	228, 092	9. 8	1904.
3, 317	142, 039	2. 3	71, 061	106, 767	40. 0	23, 890	228, 482	9. 5	1905.
3, 349	137, 009	2. 4	91, 172	120, 126	41. 4	28, 508	279, 204	9. 3	1906.
4, 105	154, 551	2. 6	116, 722	157, 374	42. 6	31, 992	332, 201	8. 8	1907.
5, 460	141, 540	3. 7	84, 721	111, 628	43. 2	35, 961	295, 657	10. 8	1908.
5, 177	160, 524	3. 1	95, 079	127, 023	42. 8	32, 723	266, 384	10. 9	1909.
9, 391	172, 176	5. 2	123, 295	161, 843	43. 2	64, 993	302, 730	17. 7	1910.
12, 339	159, 668	7. 2	142, 773	145, 013	49. 6	64, 928	296, 495	18. 0	1911.
16, 629	179, 471	8. 5	153, 258	140, 481	52. 2	77, 725	282, 294	21. 6	1912.
10, 889	183, 354	5. 6	180, 580	168, 822	51. 7	97, 122	311, 057	23. 8	1913.
37, 202	190, 443	16. 3	200, 925	118, 350	62. 9	127, 508	321, 810	28. 4	1914.
51, 073	234, 652	17. 9	161, 781	75, 396	68. 2	106, 876	229, 001	31. 8	1915.
20, 082	93, 359	17. 7	103, 717	40, 035	72. 2	59, 383	87, 367	40. 5	1915 (6 mos.)
37, 401	301, 306	11. 0	299, 265	118, 595	71. 6	136, 606	208, 972	39. 5	1916.
59, 255	292, 298	16. 9	422, 021	114, 642	78. 6	168, 270	224, 178	42. 9	1917.
91, 724	305, 646	23. 1	561, 448	88, 137	86. 4	200, 809	204, 099	49. 6	1918.
69, 504	486, 304	12. 5	399, 579	209, 418	65. 6	240, 601	252, 502	48. 8	1919.
124, 314	1, 113, 825	10. 0	547, 308	255, 149	68. 2	380, 702	496, 023	43. 4	1920.
53, 604	314, 707	14. 6	236, 458	125, 289	65. 4	267, 887	352, 164	43. 2	1921.
43, 115	344, 304	11. 1	370, 871	181, 806	67. 1	245, 181	417, 767	37. 0	1922. [3]
52, 164	478, 044	9. 8	471, 775	248, 954	65. 5	241, 388	529, 912	31. 3	1923. [3]
62, 044	459, 556	11. 9	462, 898	192, 989	70. 6	241, 778	507, 568	32. 3	1924. [3]
72, 171	360, 735	16. 7	517, 010	238, 075	68. 5	269, 060	526, 673	33. 8	1925. [3]
57, 192	360, 625	13. 7	568, 379	235, 954	70. 7	305, 481	571, 147	34. 8	1926. [3]
75, 698	375, 151	16. 8	527, 187	222, 614	70. 3	310, 780	567, 817	35. 4	1927. [3]
75, 115	330, 699	18. 5	541, 456	221, 375	71. 0	345. 671	560, 502	38. 1	1928. [3]
82, 375	341, 247	19. 4	630, 586	254, 465	71. 2	397, 704	595, 804	40. 0	1929. [3]
78, 153	215, 295	26. 6	448, 618	159, 536	73. 8	359, 041	397, 981	47. 4	1930. [3]
64, 109	158, 207	28. 8	267, 049	104, 894	71. 9	256, 012	293, 263	46. 6	1931. [3]
66, 640	107, 287	38. 3	147, 963	60, 004	68. 2	176, 271	170, 320	50. 0	1932. [3]
78, 492	126, 878	38. 2	177, 989	114, 016	61. 0	133, 170	189, 051	41. 3	1933. [3]
78, 793	184, 754	29. 9	212, 145	95, 157	69. 0	145, 424	204, 709	41. 5	1934. [3]

[3] See headnote and supplemental table no. 492, p. 430.

No. 492.—SUPPLEMENT TO TABLE 491: FREE AND DUTIABLE GENERAL IMPORTS OF MERCHANDISE ADJUSTED FOR VALUES OF WHEAT AND WOOL CLASSIFIED AS DUTIABLE BUT ENTERED FREE UNDER SPECIAL PROVISIONS, 1926 TO 1933

NOTE.—**All figures in thousands of dollars.** Since 1922 there is an understatement of the value of free goods in the figures for general imports resulting from the following facts: (1) Wheat imported (practically all coming from Canada) for 1922 to 1928 was all reported as dutiable when first entered, but most of it was subsequently used for milling-in-bond for export and in that case no duty is collected; (2) carpet wool for 1922 to 1933 was nearly all reported as dutiable when first entered but most of it is subsequently used for making carpets in which case no duty is collected. These shifts affect the general total and the totals for the economic classes of crude materials, and crude foodstuffs in table 491. The following table shows for these classes approximately the proportions free and dutiable since 1925 after adjusting for these shifts. It also shows approximate adjusted figures of free and dutiable imports from Canada. The shift of carpet wool from dutiable to free likewise affects somewhat the proportions free and dutiable in imports from countries supplying carpet wool (principally United Kingdom, China, Argentina, Chile, and India), but no adjustments have been made for such countries or for continent totals. See table 526 of the 1930 Statistical Abstract for adjustments for 1922, 1923, 1924 and 1925.

	1926	1927	1928	1929	1930	1931	1932	1933
WHEAT								
Imports entered for consumption:								
Total	22,129	14,679	23,189	(1)	(1)	(1)	(1)	(1)
Free for manufacture and export	21,489	14,651	22,908	(1)	(1)	(1)	(1)	(1)
Per cent free	97.1	99.8	98.8	(1)	(1)	(1)	(1)	(1)
General imports dutiable	[2] 19,692	15,344	22,040	(1)	(1)	(1)	(1)	(1)
Estimated general imports classified as dutiable but entered free under special provision	[3] 18,982	15,313	21,776	(1)	(1)	(1)	(1)	(1)
CARPET WOOL								
Imports entered for consumption:								
Total	33,075	35,550	39,556	46,148	11,706	16,533	4,794	12,541
Free for manufacture into carpets	29,978	32,809	35,574	41,459	9,183	15,636	4,384	11,317
Per cent free	90.6	92.3	90.2	89.8	78.4	94.6	91.4	90.2
General imports free and dutiable:								
Total	30,102	37,470	37,947	46,988	18,994	14,354	3,602	12,740
Estimated general imports entered free	27,272	34,585	34,288	42,195	14,891	13,579	3,292	11,491
Reported free	5,214	3,712	4,993	6,877	2,113	2,295	621	2,699
Estimated general imports classified as dutiable but entered free under special provision	22,058	30,873	29,295	35,318	12,778	11,284	2,671	9,392

	1926		1927		1928		1929	
	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted
All commodities	4,430,888	4,430,888	4,184,742	4,184,742	4,091,444	4,091,444	4,399,361	4,399,361
Free	2,853,411	2,894,451	2,621,873	2,668,059	2,616,239	2,667,310	2,843,354	2,878,672
Dutiable	1,577,477	1,536,437	1,562,869	1,516,683	1,475,205	1,424,134	1,556,007	1,520,689
Per cent free	64.4	65.3	62.7	63.8	63.9	65.2	64.6	65.4
Crude foodstuffs[1]	539,818	539,818	504,686	504,686	549,892	549,892		
Free	438,594	457,576	392,971	408,284	431,587	453,303		
Dutiable	101,224	82,242	111,715	96,402	118,305	96,529		
Per cent free	81.2	84.8	77.9	80.9	78.5	82.4		
Crude materials	1,792,292	1,792,292	1,600,809	1,600,809	1,466,734	1,466,734	1,558,620	1,558,620
Free	1,483,772	1,505,830	1,315,237	1,346,110	1,222,411	1,251,706	1,289,317	1,324,635
Dutiable	308,520	286,462	285,572	254,699	244,323	215,028	269,303	233,985
Per cent free	82.8	84.0	82.2	84.1	83.3	85.3	83.0	85.0
From Canada[1]	475,881	475,881	475,028	475,028	489,303	489,303		
Free	352,245	371,227	344,193	359,506	355,484	377,260		
Dutiable	123,636	104,654	130,835	115,522	133,819	112,043		

	1930		1931		1932		1933	
	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted
All commodities	3,060,908	3,060,908	2,090,635	2,090,635	1,322,774	1,322,774	1,449,559	1,449,559
Free	2,051,110	2,063,888	1,381,435	1,392,719	879,043	881,714	878,100	887,492
Dutiable	1,009,798	997,020	709,199	697,915	443,731	441,060	571,459	562,067
Per cent free	67.0	67.4	66.1	66.6	66.5	66.7	60.6	61.2
Crude materials	1,002,161	1,002,161	642,173	642,173	358,325	358,325	418,150	418,150
Free	834,120	846,898	524,541	535,825	286,731	289,402	298,250	307,642
Dutiable	168,041	155,263	117,632	106,348	71,594	68,923	119,900	110,508
Per cent free	83.2	84.5	81.7	83.4	80.0	80.8	71.3	73.6

[1] Beginning 1929, all grain for milling-in-bond was reported free when entered; therefore no adjustment in crude foodstuffs and imports from Canada is necessary after 1928.
[2] Includes wheat valued at $139,000 entered free.
[3] Wheat valued at $139,000 entered free.

No. 493.—PERCENTAGE DISTRIBUTION OF EXPORTS AND GENERAL IMPORTS, BY CONTINENTS

NOTE.—Percentages are based on figures shown in table 494. See headnote to that table

Yearly average or year	Percent of total exports							Percent of total imports						
	North America		South America	Europe[1]	Asia	Oceania	Africa	North America		South America	Europe	Asia	Oceania	Africa
	Northern[1]	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	(2)	.3	.6	17.2	7.8	64.0	10.0	(2)	.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	(2)	.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
1865	10.0	20.5	7.2	57.7	1.4	2.4	.8	14.7	19.5	9.7	48.2	6.1	.5	1.4
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
1871–1875	6.4	7.2	4.0	80.2	1.0	.8	.4	5.9	16.6	11.0	55.6	9.7	.7	.6
1876–1880	5.0	5.4	3.3	83.1	1.7	1.1	.6	5.6	17.6	13.8	50.3	11.3	.9	.5
1881–1885	5.4	5.7	3.6	81.1	2.2	1.6	.5	6.3	14.4	11.4	55.1	10.5	1.7	.6
1886–1890	5.2	5.8	4.3	79.3	2.8	2.0	.5	5.6	13.8	11.5	56.0	10.4	2.3	.5
1891–1895	5.5	6.8	3.7	79.5	2.3	1.6	.6	4.6	16.3	14.9	50.6	10.8	2.1	.6
1896–1900	6.9	5.6	3.1	76.7	3.9	2.3	1.5	5.0	10.3	13.2	52.6	14.6	3.1	1.3
1901–1905	8.6	6.7	3.2	72.3	5.3	2.0	1.9	5.4	13.3	12.5	51.3	15.4	.9	1.1
1906–1910	10.2	8.7	4.6	68.2	5.5	1.8	1.0	5.9	13.4	11.7	51.3	15.2	1.2	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[3]	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	30.0	29.6	1.3	2.3
1910–1914	14.8	8.4	5.6	62.3	5.6	2.2	1.1	7.0	13.5	12.2	49.5	15.3	1.0	1.3
1915–1919[4]	12.0	6.4	4.7	66.6	7.6	1.6	1.0	12.8	17.5	18.5	20.9	25.6	2.3	2.4
1891	4.5	6.4	3.8	79.7	2.9	2.1	.5	4.7	14.6	14.1	54.5	9.3	2.4	.5
1892	4.4	5.9	3.2	82.6	2.0	1.5	.5	4.3	16.8	18.2	47.3	10.7	2.0	.6
1893	5.8	8.4	3.9	78.1	2.0	1.3	.6	4.4	16.8	11.8	52.9	11.5	1.9	.7
1894	6.6	6.9	3.7	78.6	2.4	1.3	.6	4.8	20.7	15.3	45.1	11.4	2.2	.5
1895	6.7	6.7	4.2	77.8	2.2	1.6	.8	5.1	13.2	15.3	52.4	11.5	1.7	.8
1896	6.9	6.3	4.1	76.3	2.9	1.9	1.6	5.3	11.0	14.0	53.7	12.1	2.5	1.4
1897	6.3	5.6	3.2	77.4	3.7	2.1	1.6	5.3	8.5	14.0	56.3	12.0	2.6	1.2
1898	6.9	4.4	2.7	79.1	3.6	1.8	1.4	5.3	9.6	14.9	49.7	15.7	3.7	1.2
1899	7.3	5.6	2.9	76.3	4.0	2.4	1.5	4.5	11.5	12.4	50.8	16.0	3.2	1.5
1900	7.0	6.5	2.8	74.6	4.8	2.9	1.4	4.7	10.6	11.0	51.8	17.2	3.4	1.3
1901	7.3	6.0	3.0	76.4	3.6	2.1	1.7	5.2	12.4	13.4	52.2	14.8	.8	1.1
1902	8.1	6.7	2.8	73.0	5.0	2.1	2.4	5.4	11.3	13.3	52.6	15.1	.8	1.5
1903	8.9	6.3	2.9	72.5	4.4	2.4	2.7	5.4	13.1	10.5	53.4	15.5	.9	1.2
1904	9.2	6.9	3.5	72.4	4.4	1.9	1.7	5.3	14.7	12.1	50.3	15.7	.8	1.0
1905	9.4	7.7	3.7	67.2	8.9	1.8	1.2	5.7	14.6	13.5	48.4	15.6	1.1	1.0
1906	9.2	8.5	4.3	68.8	6.4	1.7	1.1	5.7	13.5	11.4	51.6	15.7	1.0	1.0
1907	9.9	8.7	4.4	69.0	5.4	1.7	.9	5.2	13.2	11.2	52.1	15.6	1.3	1.5
1908	9.2	8.3	4.5	69.0	6.1	1.9	1.1	6.4	13.6	10.5	50.9	16.0	1.2	1.4
1909	10.1	8.5	4.6	69.0	5.0	1.8	1.0	6.1	13.2	12.5	49.9	15.8	1.3	1.2
1910	12.6	9.5	5.3	65.1	4.5	2.0	1.1	6.2	13.5	12.6	51.8	13.5	1.3	1.1
1911	13.4	8.9	5.3	63.8	5.1	2.3	1.2	6.7	13.3	12.0	50.3	15.1	.8	1.8
1912	15.1	8.3	6.0	60.9	6.4	2.2	1.1	6.7	13.5	13.0	49.6	15.0	.8	1.4
1913	17.0	8.0	5.9	60.0	5.7	2.2	1.2	6.7	13.2	12.0	49.2	16.4	.9	1.5
1914	14.8	7.5	5.3	62.9	6.0	2.4	1.2	8.6	14.0	11.8	47.3	16.1	1.3	1.0
1915	11.1	6.2	3.6	71.2	5.0	1.9	1.0	9.6	18.6	15.6	36.7	16.2	1.7	1.5
1915 (6 mos.)	11.0	6.5	4.5	69.7	5.1	2.1	1.1	11.8	15.4	18.2	29.8	21.0	2.0	1.8
1916	11.2	5.7	4.0	69.6	7.1	1.5	1.0	10.0	17.5	17.9	26.5	23.0	2.5	2.6
1917	13.5	6.8	5.0	65.2	7.5	1.2	.8	14.2	15.3	20.3	18.7	27.8	1.2	2.5
1918	14.6	6.9	4.9	62.8	8.1	1.8	1.0	15.1	17.1	20.2	10.5	31.0	3.4	2.8
1919	9.5	6.9	5.6	65.5	9.7	1.6	1.2	12.8	16.8	17.6	10.2	28.4	2.3	2.9
1920	12.0	11.5	7.6	54.3	10.6	2.1	2.0	11.6	19.9	14.4	23.3	26.5	1.5	2.8
1921	13.4	11.8	6.1	52.7	11.9	2.5	1.6	13.5	16.6	11.8	30.5	24.6	1.4	1.6
1922	15.2	8.7	5.9	54.4	11.7	2.7	1.5	11.8	14.6	11.5	31.8	26.6	1.6	2.1
1923	15.8	10.2	6.5	50.2	12.3	3.5	1.5	11.0	15.4	12.3	30.5	26.9	1.6	2.3
1924	13.8	9.9	6.8	53.3	11.2	3.4	1.5	11.1	16.4	12.9	30.4	25.8	1.4	2.0
1925	13.4	9.8	8.2	53.0	9.9	3.9	1.8	10.9	12.3	12.3	29.3	31.2	1.8	2.2
1926	15.5	8.9	9.2	48.0	11.7	4.4	2.1	11.0	11.9	12.8	29.0	31.6	1.5	2.2
1927	17.3	8.4	9.0	47.6	11.5	4.0	2.2	11.6	12.0	12.4	30.5	30.0	1.3	2.2
1928	18.1	7.7	9.4	46.3	12.8	3.5	2.3	12.2	11.3	13.9	30.5	28.6	1.3	2.2
1929	18.3	8.3	10.3	44.7	12.3	3.6	2.5	11.7	10.6	14.5	30.3	29.1	1.3	2.5
1930	17.5	9.1	8.8	47.8	11.7	2.8	2.4	13.5	11.3	14.2	29.7	28.0	1.1	2.2
1931	16.7	7.7	6.5	49.0	15.9	1.7	2.5	13.3	11.5	14.7	30.6	27.4	.9	1.6
1932	14.8	7.4	6.0	48.7	18.2	2.3	2.2	13.7	11.9	15.2	29.4	27.4	.6	1.8
1933	12.8	7.5	6.8	50.7	17.4	2.1	2.6	13.2	8.8	14.0	31.9	29.4	.9	1.9
1934	14.4	8.3	7.6	44.5	18.8	2.7	3.6	14.4	9.7	13.8	29.6	29.6	.9	2.0

[1] See headnotes to table 494 and table 495.
[2] Less than one-tenth of 1 percent.
[3] Period July 1, 1915, to Dec. 31, 1920.
[4] Fiscal years.

No. 494.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL

NOTE.—All figures in thousands of dollars. Merchandise only, specie values, through 1932; current dollar thereafter, except as noted. See headnote, table 490, concerning averages for 1910–14 and 1915–19. The Exports to Northern North America and to Europe adjusted for recent years for grain shipments to

Yearly average or year	Exports							
	Total	North America		South America	Europe[1]	Asia	Oceania	Africa
		Northern[1]	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	47,893	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	987
1860	333,576	22,883	29,273	15,706	249,425	8,100	4,962	3,227
1865	166,029	16,613	34,003	12,026	95,744	2,350	4,016	1,273
1870	392,772	21,703	31,100	15,188	313,315	5,773	3,873	1,820
1871–1875	501,841	32,034	36,188	20,235	402,268	5,029	3,969	2,117
1876–1880	676,761	33,714	36,303	22,087	562,202	11,236	7,437	3,782
1881–1885	791,892	42,636	44,836	28,212	641,824	17,526	12,785	4,074
1886–1890	738,379	38,758	43,053	32,046	585,681	20,389	15,070	3,882
1891–1895	892,421	49,310	60,724	33,247	709,239	20,672	13,965	5,263
1896–1900	1,157,318	79,961	65,375	35,699	887,401	45,263	26,338	17,281
1901–1905	1,453,803	124,560	97,733	46,245	1,050,540	76,942	29,738	28,044
1906–1910	1,778,697	180,836	154,743	82,142	1,212,978	97,240	32,358	18,400
1911–1915	2,370,539	337,091	182,315	122,243	1,517,404	133,348	51,506	26,632
1915–1920 [2]	6,521,190	780,221	503,439	360,744	4,123,523	562,476	109,121	81,668
1921–1925	4,397,026	627,381	444,578	297,115	2,317,944	498,853	141,426	69,729
1926–1930	4,777,315	829,858	403,175	447,860	2,235,613	573,973	177,239	109,596
1910–1914	2,165,818	319,890	181,205	121,028	1,350,300	121,042	47,715	24,638
1915–1919 [2]	5,308,823	638,704	340,971	250,337	3,534,473	403,716	87,262	52,860
1891	884,481	39,844	56,705	33,708	704,798	26,170	18,497	4,758
1892	1,030,278	45,260	60,306	33,148	850,623	20,368	15,512	5,061
1893	847,665	48,826	70,963	32,639	001,977	17,017	11,046	5,196
1894	892,141	58,470	61,223	33,212	700,871	21,668	11,772	4,924
1895	807,538	54,152	54,424	33,526	627,928	18,134	12,997	6,378
1896	882,607	61,231	55,336	36,298	673,044	25,792	17,035	13,871
1897	1,050,994	66,196	58,762	33,769	813,386	39,370	22,558	16,953
1898	1,231,482	85,095	54,533	33,822	973,806	44,836	21,875	17,516
1899	1,227,023	89,765	68,167	35,660	936,602	48,764	29,471	18,594
1900	1,394,483	97,517	90,078	38,946	1,040,168	67,554	40,751	19,470
1901	1,487,765	107,967	88,567	44,400	1,136,505	53,418	31,365	25,543
1902	1,381,719	111,877	92,094	38,044	1,008,034	69,203	29,000	33,469
1903	1,420,142	125,967	89,515	41,138	1,029,257	62,398	33,430	38,437
1904	1,460,827	133,960	100,950	50,755	1,057,930	64,984	28,018	24,230
1905	1,518,562	143,030	117,540	56,894	1,020,973	134,705	26,879	18,541
1906	1,743,865	159,806	148,577	75,160	1,200,166	110,911	29,682	19,562
1907	1,880,851	186,176	163,664	82,157	1,298,452	101,365	32,525	16,511
1908	1,860,773	170,669	154,005	83,584	1,283,600	113,247	35,327	20,341
1909	1,663,011	167,423	142,054	76,562	1,146,755	82,982	30,200	17,035
1910	1,744,985	220,104	165,416	93,247	1,135,915	77,694	34,057	18,551
1911	2,049,320	274,478	182,582	108,895	1,308,276	105,146	46,338	23,607
1912	2,204,322	333,900	182,938	132,310	1,341,733	141,198	48,200	24,043
1913	2,465,884	420,404	197,009	146,148	1,479,075	140,441	53,718	29,089
1914	2,364,579	350,563	178,082	124,540	1,486,490	140,730	56,264	27,002
1915	2,768,589	306,112	170,964	99,324	1,971,435	139,226	53,009	28,520
1915 (6 mos.)	1,852,863	203,475	119,952	83,555	1,291,914	94,712	38,254	21,000
1916	5,482,641	613,416	311,137	220,267	3,813,278	387,735	82,797	54,011
1917	6,233,513	839,305	422,398	311,893	4,061,729	409,402	77,402	51,384
1918	6,149,088	900,248	425,238	302,710	3,858,606	498,477	104,519	59,198
1919	7,920,426	749,950	545,842	441,748	5,187,666	771,717	125,585	97,918
1920	8,228,016	984,818	944,345	628,917	4,466,091	871,579	171,605	165,662
1921	4,485,031	600,434	529,146	273,325	2,363,899	532,615	112,766	72,847
1922	3,831,777	583,451	332,203	226,075	2,083,357	443,970	101,945	55,776
1923	4,167,493	600,507	425,661	269,318	2,093,415	511,498	146,423	60,671
1924	4,590,984	633,876	456,165	314,252	2,445,300	514,592	156,505	70,294
1925	4,909,848	658,040	479,714	402,606	2,603,750	486,592	189,489	89,657
1926	4,808,660	747,685	428,797	443,507	2,310,144	564,543	212,705	101,279
1927	4,865,375	845,307	407,720	438,159	2,313,782	559,605	193,714	107,088
1928	5,128,356	924,172	397,195	480,815	2,374,916	654,514	180,033	116,713
1929	5,240,995	961,473	433,590	539,310	2,340,848	643,215	192,022	130,535
1930	3,843,181	670,652	348,674	337,509	1,838,375	447,987	107,719	92,365
1931	2,424,289	403,732	187,094	158,691	1,186,885	386,352	41,674	59,961
1932	1,611,016	245,736	119,216	96,589	784,299	292,428	36,774	35,974
1933	1,674,994	214,833	126,026	114,048	849,778	292,284	35,109	42,916
1934	2,132,802	308,017	178,048	161,701	949,799	401,340	57,081	76,815

[1] See headnote and supplemental table 495 on p. 434.

IMPORTS OF MERCHANDISE DISTRIBUTED BY CONTINENTS

values thereafter (see general note, p. 416). Figures cover fiscal years to and including 1915; calendar years Philippine Islands are included with Asia for all years; Hawaiian Islands are with Oceania prior to 1901. Canada which are actually in transit to Europe are shown in table 495, p. 434

General imports								Yearly average or year
Total	North America		South America	Europe	Asia	Oceania	Africa	
	Northern	Southern						
54, 521	402	11, 816	1, 570	35, 000	5, 324	34	375	1821.
62, 721	398	10, 793	4, 919	40, 117	6, 241	18	234	1830.
98, 259	1, 228	15, 421	8, 606	61, 721	10, 686	152	445	1840.
173, 509	5, 180	16, 116	16, 038	123, 115	12, 434	9	618	1850.
353, 616	23, 730	44, 180	34, 929	215, 661	29, 239	1, 170	3, 706	1860.
238, 746	35, 007	40, 663	23, 221	115, 002	14, 449	1, 124	3, 279	1865.
435, 958	30, 265	74, 435	42, 964	240, 187	37, 773	1, 612	2, 722	1870.
577, 873	33, 840	96, 124	63, 357	321, 067	55, 794	3, 955	3, 736	1871-1875.
492, 570	27, 600	86, 646	68, 185	247, 520	55, 635	4, 619	2, 365	1876-1880.
667, 142	41, 989	96, 309	75, 940	367, 542	69, 906	11, 370	4, 085	1881-1885.
717, 231	40, 236	98, 819	82, 427	401, 745	74, 439	16, 158	3, 406	1886-1890.
785, 137	36, 335	128, 043	110, 797	397, 622	85, 169	16, 257	4, 914	1891-1895.
741, 519	37, 266	76, 007	97, 713	389, 843	107, 999	22, 781	9, 910	1896-1900.
972, 162	52, 762	129, 634	121, 748	498, 296	149, 537	9, 035	11, 151	1901-1905.
1, 344, 838	79, 511	180, 192	157, 126	689, 838	205, 041	16, 601	16, 529	1906-1910.
1, 712, 319	131, 455	248, 943	219, 923	798, 115	270, 797	19, 020	24, 065	1911-1915.
3, 358, 354	425, 337	588, 103	591, 295	682, 298	910, 340	70, 134	90, 848	1916-1920.[2]
3, 450, 103	396, 669	514, 233	421, 336	1, 049, 494	942, 878	53, 994	71, 499	1921-1925.
4, 033, 469	479, 737	460, 457	545, 788	1, 210, 511	1, 192, 632	53, 137	91, 207	1926-1930.
1, 688, 374	118, 518	228, 618	206, 858	836, 498	258, 534	17, 276	22, 573	1910-1914.
2, 514, 557	321, 382	439, 019	466, 212	525, 122	642, 479	59, 002	61, 342	1915-1919.[3]
844, 916	39, 450	123, 776	118, 737	459, 305	78, 987	20, 454	4, 207	1891.
827, 402	35, 335	138, 719	150, 728	391, 628	88, 850	16, 824	5, 318	1892.
866, 401	38, 254	145, 479	102, 208	458, 450	99, 316	16, 838	5, 857	1893.
654, 995	31, 444	135, 519	100, 147	295, 078	74, 878	14, 450	3, 479	1894.
731, 970	37, 191	96, 724	112, 167	383, 646	83, 813	12, 720	5, 709	1895.
779, 725	41, 376	85, 501	108, 828	418, 639	94, 575	19, 632	11, 173	1896.
764, 730	40, 863	65, 061	107, 389	430, 192	91, 678	20, 017	9, 530	1897.
616, 050	32, 404	58, 973	92, 092	305, 934	96, 425	23, 029	7, 194	1898.
697, 148	31, 690	80, 460	86, 588	353, 886	111, 501	22, 588	10, 436	1899.
849, 941	39, 999	90, 037	93, 657	440, 567	145, 814	28, 640	11, 218	1900.
823, 172	42, 935	102, 223	110, 367	420, 620	122, 099	6, 974	8, 954	1901.
903, 321	48, 846	102, 230	119, 786	475, 162	136, 295	7, 564	13, 448	1902.
1, 025, 719	55, 669	134, 067	107, 428	547, 227	159, 075	9, 671	12, 582	1903.
991, 087	52, 701	146, 078	120, 364	498, 697	155, 576	8, 244	9, 427	1904.
1, 117, 513	63, 557	163, 572	150, 796	540, 773	174, 041	12, 731	11, 344	1905.
1, 226, 562	69, 603	165, 750	140, 423	633, 292	192, 434	12, 432	12, 629	1906.
1, 434, 421	74, 813	188, 763	160, 166	747, 291	223, 986	18, 275	21, 127	1907.
1, 194, 342	76, 301	162, 515	124, 999	608, 014	191, 332	14, 891	16, 291	1908.
1, 311, 920	80, 467	173, 533	163, 879	654, 323	206, 982	17, 628	15, 109	1909.
1, 556, 947	96, 371	210, 397	190, 165	806, 270	210, 473	19, 782	17, 490	1910.
1, 527, 226	102, 264	203, 233	182, 624	768, 168	230, 850	12, 874	27, 214	1911.
1, 653, 265	110, 145	223, 927	215, 089	819, 585	248, 725	13, 207	22, 586	1912.
1, 813, 008	121, 764	240, 179	217, 735	892, 866	297, 505	16, 533	26, 425	1913.
1, 893, 926	162, 046	265, 353	222, 677	895, 603	305, 115	23, 982	19, 149	1914.
1, 674, 170	161, 055	312, 025	261, 490	614, 355	271, 790	28, 502	24, 953	1915.
912, 787	107, 626	140, 821	166, 239	271, 684	191, 667	18, 021	16, 730	1915 (6 mos.).
2, 391, 635	240, 161	418, 277	427, 610	633, 317	550, 866	59, 511	61, 893	1916.
2, 952, 468	419, 124	452, 858	598, 819	551, 145	820, 624	36, 835	73, 064	1917.
3, 031, 213	457, 860	516, 955	610, 931	318, 121	939, 301	102, 737	85, 506	1918.
3, 904, 365	500, 165	657, 609	687, 525	760, 528	1, 107, 733	88, 616	112, 188	1919.
5, 278, 481	614, 618	1, 048, 045	760, 999	1, 227, 843	1, 396, 677	80, 014	150, 285	1920.
2, 509, 148	337, 632	417, 217	295, 623	764, 942	617, 862	35, 499	40, 373	1921.
3, 112, 747	366, 524	455, 930	368, 763	991, 203	826, 886	48, 517	64, 924	1922.
3, 792, 066	418, 348	583, 169	467, 421	1, 157, 056	1, 019, 811	59, 200	87, 061	1923.
3, 609, 963	402, 047	593, 108	466, 074	1, 096, 087	930, 708	48, 945	72, 992	1924.
4, 226, 589	458, 701	521, 742	518, 797	1, 238, 181	1, 319, 126	77, 808	92, 144	1925.
4, 430, 888	485, 503	526, 067	567, 979	1, 285, 863	1, 400, 701	68, 355	96, 420	1926.
4, 184, 742	484, 499	500, 959	518, 275	1, 276, 466	1, 256, 758	54, 531	93, 255	1927.
4, 091, 444	499, 959	460, 743	569, 410	1, 248, 749	1, 108, 928	53, 450	90, 207	1928.
4, 399, 361	514, 370	467, 159	639, 758	1, 332, 630	1, 280, 279	56, 557	108, 608	1929.
3, 060, 908	414, 355	347, 355	433, 518	908, 845	866, 496	32, 701	57, 547	1930.
2, 090, 635	277, 111	239, 930	307, 190	640, 095	574, 301	19, 120	32, 888	1931.
1, 322, 774	181, 413	157, 107	200, 902	388, 963	362, 454	7, 691	24, 241	1932.
1, 449, 559	190, 651	127, 116	202, 280	462, 189	425, 868	13, 190	28, 265	1933.
1, 655, 055	238, 496	160, 724	228, 958	489, 210	489, 775	14, 565	33, 326	1934.

[2] Period July 1, 1915, to Dec. 31, 1920.

[3] Fiscal years ended June 30.

No. 495.—SUPPLEMENT TO TABLES 493, 494, AND 502: ADJUSTED FIGURES OF EXPORTS TO CANADA, NORTH AMERICA, NORTHERN NORTH AMERICA, AND EUROPE

NOTE.—Especially from 1920 through 1929 large quantities of United States grain were shipped through Canada (mostly via Montreal) to other foreign countries. Since the final destination is customarily not known when shipped, this grain is reported as an export to Canada, but as a matter of fact practically all of it except corn annually goes thence to Europe. In the following table the reported figures of total value of exports are adjusted on the assumption that all this grain was destined for Europe, an assumption adopted for convenience and involving only a small margin of error. Figures cover fiscal years for 1910–1914; calendar, for all other years

[Millions and tenths of millions of dollars]

Yearly average or year	Grain reported as exported to Canada	Adjusted figures deducting such grain from exports to Canada and adding to exports to Europe						
		Values of exports to—				Per cent of exports to entire world to—		
		Canada	Northern North America	North America	Europe	Northern North America	North America	Europe
1910–1914	7.1	308.0	313.0	494.0	1,357.4	14.4	22.8	62.7
1921–1925	72.4	546.6	555.0	999.6	2,390.3	12.6	22.7	54.4
1926–1930	63.5	756.0	766.4	1,163.5	2,299.1	16.0	24.5	48.1
1921	79.9	513.8	520.6	1,049.7	2,443.8	11.6	23.4	54.5
1922	78.5	498.2	505.0	837.2	2,101.9	13.2	21.8	56.4
1923	40.6	611.3	619.9	1,045.6	2,134.0	14.9	25.1	51.2
1924	105.6	518.4	528.2	984.4	2,550.9	11.5	21.4	55.6
1925	57.2	591.5	601.4	1,081.1	2,661.0	12.2	22.0	54.2
1926	56.2	682.3	691.5	1,120.3	2,366.4	14.4	23.3	49.2
1927	113.9	722.6	731.4	1,139.1	2,427.7	15.0	23.4	49.9
1928	82.8	831.9	841.4	1,238.6	2,457.7	16.4	24.2	47.9
1929	49.4	899.0	912.1	1,345.7	2,390.2	17.4	25.7	45.6
1930	15.1	643.9	655.5	1,004.1	1,853.5	17.1	26.1	48.2
1931	10.2	386.2	393.6	580.7	1,197.0	16.2	24.0	49.4
1932	3.5	237.8	242.2	361.4	787.8	15.0	22.4	48.9
1933	2.3	208.3	212.5	338.5	862.1	12.7	20.2	50.9
1934	[1] 2.0	300.5	306.1	484.1	951.8	14.3	22.7	44.6

[1] Practically all corn.

No. 496.—SUPPLEMENT TO TABLES 497, 498, AND 499: ADJUSTED FIGURES OF EXPORTS OF UNITED STATES MERCHANDISE TO NORTH AMERICA AND EUROPE BY ECONOMIC CLASSES

[All figures except percentages in thousands of dollars. See headnote to table 495]

	1921–1925	1926–1930	1931	1932	1933	1934
ADJUSTED EXPORTS (GRAINS EXPORTED TO CANADA TREATED AS EXPORTED TO EUROPE)[1]						
North America	956,958	1,113,469	558,849	346,639	323,762	485,500
Foodstuffs	168,135	151,772	73,374	43,296	38,600	49,521
Crude foodstuffs	55,464	51,566	25,719	15,004	12,783	16,522
Europe	2,351,854	2,270,077	1,176,377	770,281	841,250	940,288
Foodstuffs	768,322	504,842	246,027	160,917	139,145	142,675
Crude foodstuffs	348,721	227,991	85,605	59,650	28,960	31,757
Per cent of total exports of foodstuffs exported to—						
North America	16.5	20.1	19.6	17.9	19.0	21.8
Europe	75.2	66.8	65.8	66.6	68.6	62.9
Percentage distribution of total adjusted exports to—						
North America	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	17.3	15.9	18.3	22.0	23.5	23.6
Foodstuffs	17.6	13.6	13.1	12.5	11.9	10.6
Semimanufactures	12.8	14.5	14.4	14.5	16.2	15.9
Finished manufactures	52.3	56.0	54.2	51.0	48.4	49.9
Europe	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	37.1	34.1	26.2	38.1	45.2	39.5
Foodstuffs	32.7	22.2	20.9	20.9	16.5	15.2
Semimanufactures	11.2	14.0	13.3	12.1	13.3	16.3
Finished manufactures	19.0	29.7	40.5	29.0	24.9	29.0

[1] See table 495 for grain exports to Canada and for reasons for adjustments

No. 497.—FOREIGN TRADE WITH EACH CONTINENT, BY ECONOMIC CLASSES

NOTE.—Values in millions and tenths of millions of dollars. Data prior to 1915 are for years ended June 30; thereafter, for calendar years. The Philippine Islands are included in Oceania prior to 1922 and in Asia for later years; therefore, Asia and Oceania are combined for the averages through 1925. For data by countries, see annual volumes of "Foreign Commerce and Navigation"

	1910–1914 [1]	1921–1925 [1]	1926–1930 [1]	1931	1932	1933	1934
EXPORTS OF U. S. MERCHANDISE							
North America [2]	483.3	1,029.3	1,177.0	569.0	350.2	326.1	467.5
Crude materials	86.2	165.9	176.6	102.3	76.3	76.0	109.7
Crude foodstuffs [2]	31.5	127.8	115.1	35.9	18.5	15.1	18.5
Manufactured foodstuffs	54.7	112.7	100.2	47.7	28.3	25.8	33.0
Semimanufactures	70.4	122.6	161.8	80.4	50.1	52.5	73.9
Finished manufactures	240.6	500.3	623.3	302.7	176.9	156.7	232.4
South America	120.5	294.1	445.4	157.5	96.0	113.3	160.7
Crude materials	2.7	7.9	7.1	3.3	2.1	2.5	4.0
Crude foodstuffs	1.3	4.0	7.8	5.6	11.2	2.0	1.2
Manufactured foodstuffs	11.9	21.9	29.3	10.7	4.7	4.9	5.8
Semimanufactures	21.8	46.1	65.8	25.3	14.0	18.8	26.1
Finished manufactures	82.8	214.3	335.4	112.6	63.9	85.0	123.6
Europe [3]	1,333.8	2,279.5	2,206.6	1,166.2	766.7	838.9	938.3
Crude materials	594.9	873.5	773.1	296.9	293.1	380.2	371.0
Crude foodstuffs [2]	89.6	276.4	164.5	75.4	56.1	26.6	29.8
Manufactured foodstuffs	210.0	419.6	276.9	160.4	101.3	110.2	110.9
Semimanufactures	229.8	263.7	318.7	156.5	93.2	112.3	153.6
Finished manufactures	209.5	446.3	673.4	476.9	223.0	209.6	273.1
Asia [3]	168.2	637.7	572.7	384.2	290.9	291.1	400.1
Crude materials	27.1	135.0	172.3	157.8	137.2	127.1	160.4
Crude foodstuffs	3.1	13.9	11.2	9.3	3.3	4.3	9.0
Manufactured foodstuffs	15.2	36.7	37.7	23.2	14.8	10.0	12.5
Semimanufactures	17.1	96.4	89.7	46.8	31.2	44.5	74.4
Finished manufactures	105.8	355.6	261.9	148.1	104.4	105.3	143.7
Oceania			178.8	41.3	36.5	34.9	56.9
Crude materials			9.3	3.7	2.4	2.4	5.6
Crude foodstuffs			.7	.4	.1	.2	.3
Manufactured foodstuffs			4.6	1.3	1.1	1.3	1.9
Semimanufactures			19.0	5.0	5.4	4.8	6.8
Finished manufactures			143.2	31.1	27.6	26.2	42.3
Africa	24.6	69.6	109.4	59.7	35.9	42.8	76.7
Crude materials	2.3	6.4	5.4	2.8	2.6	2.4	2.1
Crude foodstuffs	1.0	1.7	.6	.4	.1	.1	.3
Manufactured foodstuffs	3.2	6.8	7.1	3.6	2.0	2.4	3.5
Semimanufactures	2.5	5.7	7.6	4.6	2.8	4.1	7.0
Finished manufactures	15.6	49.0	88.6	48.4	28.4	33.8	63.8
GENERAL IMPORTS							
North America	347.1	910.9	940.2	517.0	338 5	317.8	391.0
Crude materials	114.0	[4] 206.0	180.2	75.6	42.6	43.1	45.1
Crude foodstuffs	53.8	[4] 113.4	144.5	83.4	59.4	54.7	74.0
Manufactured foodstuffs	102.7	[4] 292.3	202.8	81.9	53.0	63.3	97.1
Semimanufactures	46.4	[4] 142.4	184.1	97.0	59.5	64.7	74.5
Finished manufactures	30.1	[4] 156.8	228.6	179.2	124.1	92.0	100.3
South America	206.9	421.3	545.8	307.2	200.9	203.3	227.0
Crude materials	78.9	131.6	170.6	79.7	47.0	57.8	59.4
Crude foodstuffs	95.6	197.7	272.6	168.8	132.9	121.3	130.7
Manufactured foodstuffs	3.2	8.7	13.1	7.2	4.1	6.4	6.9
Semimanufactures	26.8	78.1	84.6	45.5	14.4	14.6	25.6
Finished manufactures	2.4	5.3	5.0	5.9	2.5	2.1	4.3
Europe	936.5	1,049.5	1,210.5	640.1	389.0	462.2	481.2
Crude materials	229.4	[4] 253.9	256.5	120.9	69.4	87.7	84.8
Crude foodstuffs	30.3	27.7	34.1	20.6	11.3	10.0	16.6
Manufactured foodstuffs	70.9	79.7	94.5	50.1	44.0	49.6	73.4
Semimanufactures	196.5	[4] 263.5	325.3	149.9	101.7	145.5	133.8
Finished manufactures	309.4	[4] 424.6	500.1	283.6	162.6	169.4	172.6
Asia [3]	275.8	998.9	1,192.6	574.3	382.5	425.9	489.3
Crude materials	151.0	655.3	785.4	329.6	184.0	205.2	243.7
Crude foodstuffs	23.0	84.0	37.7	23.8	20.0	17.1	23.0
Manufactured foodstuffs	17.5	[4] 66.9	81.6	71.7	71.7	84.4	82.6
Semimanufactures	37.1	[4] 108.7	142.0	70.9	36.8	61 5	68.0
Finished manufactures	47.2	[4] 131.9	145.9	78.4	49.9	57.7	72.0
Oceania			53.1	19.1	7.7	13.2	14.4
Crude materials			44.3	14.8	5.7	10.8	10.7
Crude foodstuffs			.3	.2	.1	.1	.1
Manufactured foodstuffs			5.6	2.2	.9	1.4	3.1
Semimanufactures			1.7	.6	.3	.3	.1
Finished manufactures			1.2	1.3	.7	.6	.4
Africa	22.6	71.5	91.2	32.9	24.2	28.3	33.1
Crude materials	21.6	46.2	47.2	15.6	9.7	13.5	16.9
Crude foodstuffs	.4	10.5	17.5	7.9	9.3	8.5	9.8
Manufactured foodstuffs	[5]	.6	.6	.4	.3	.2	.4
Semimanufactures	.3	13.1	24.3	8.1	4.2	5.4	5.3
Finished manufactures	.2	1.1	1.7	.9	.8	.6	.7

[1] Average for period. [2] See headnote to table 495 and supplemental table 496.
[3] "Asia and Oceania" for 1905 to 1925. [4] Revised. [5] Less than $50,000.

No. 498.—PER CENT EACH CONTINENT FURNISHES OR TAKES OF TOTAL TRADE IN EACH ECONOMIC CLASS

NOTE.—Percentages are based on data shown in table 497, except calculations were made from the full figures. See also supplemental table 496

Continent	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933	1934	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933	1934
	Crude materials						Foodstuffs					
Exports (U. S. mdse.):												
North America	12.1	14.0	15.4	14.8	12.9	16.8	20.4	23.5	28.5	19.4	20.2	22.7
South America	.4	.7	.6	.4	.4	.6	3.1	2.5	4.9	6.6	3.4	3.1
Europe	83.4	73.5	67.6	57.1	64.4	56.8	71.1	68.1	58.4	65.2	67.4	62.1
Asia and Oceania	3.8	11.4	15.9	27.2	21.9	25.4	4.3	5.0	7.2	8.0	7.8	10.5
Africa	.3	.5	.5	.5	.4	.3	1.0	.8	1.0	.9	1.2	1.7
General imports:												
North America	19.2	[1]15.9	12.1	11.9	10.3	9.8	39.4	[1]48.8	38.4	27.6	28.3	33.0
South America	13.3	10.2	11.5	13.1	13.8	12.9	24.9	24.8	31.5	33.7	30.6	26.6
Europe	38.6	[1]19.6	17.3	19.4	21.0	18.4	25.4	12.9	14.2	13.6	14.3	17.4
Asia and Oceania	25.4	50.7	55.9	52.9	51.6	55.0	10.2	[1]12.1	13.8	22.8	24.7	21.0
Africa	3.6	3.6	3.2	2.7	3.2	3.7	.1	1.3	2.0	2.3	2.1	2.0
	Semimanufactures						Finished manufactures					
Exports (U. S. mdse.):												
North America	20.6	22.9	24.4	25.5	22.1	21.6	36.8	32.0	29.3	28.3	25.4	26.4
South America	6.4	8.6	9.9	7.1	8.0	7.6	12.7	13.7	15.8	10.2	13.8	14.1
Europe	67.3	49.3	48.1	47.4	47.4	44.9	32.0	28.5	31.7	35.7	34.0	31.1
Asia and Oceania	5.0	18.0	16.4	18.6	20.8	23.8	16.2	22.7	19.1	21.1	21.3	21.2
Africa	.7	1.1	1.2	1.4	1.7	2.0	2.4	3.1	4.2	4.5	5.5	7.3
General imports:												
North America	15.1	[1]23.5	24.2	27.4	22.1	24.2	7.7	[1]21.8	25.9	36.4	28.5	28.6
South America	8.7	12.9	11.1	6.6	5.0	8.3	.6	.7	.6	.7	.6	1.2
Europe	64.0	[1]43.5	42.7	46.9	49.8	43.5	79.5	[1]59.0	56.7	47.7	52.6	49.3
Asia and Oceania	12.1	[1]17.9	18.9	17.1	21.2	22.2	12.1	[1]18.3	16.7	14.9	18.1	20.7
Africa	.1	2.2	3.2	1.9	1.9	1.7	.1	.2	.2	.2	.2	.2

[1] Revised.

No. 499.—PER CENT EACH ECONOMIC CLASS FORMS OF TOTAL TRADE WITH EACH CONTINENT

NOTE.—Percentages are based on data shown in table 497, except calculations were made from the full figures. See also supplemental table 496

Class	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933	1934	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933	1934
	North America						South America					
Exports (U. S. mdse.)	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	17.8	16.1	15.0	21.8	23.3	23.5	2.2	2.7	1.6	2.2	2.2	2.5
Foodstuffs	17.8	23.4	18.3	13.4	12.6	11.0	10.9	8.8	8.3	16.6	6.1	4.4
Semimanufactures	14.6	11.9	13.8	14.3	16.0	15.8	18.1	15.7	14.8	14.6	10.6	16.2
Finished manufactures	49.8	48.6	53.0	50.5	48.1	49.7	68.7	72.9	75.3	66.6	75.1	76.9
General imports	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	32.9	[1]22.6	19.2	12.6	13.6	11.5	38.1	31.2	31.3	23.4	28.6	26.2
Foodstuffs	45.1	[1]44.5	36.9	33.2	37.1	43.8	47.8	49.0	52.3	68.2	63.1	60.6
Semimanufactures	13.4	[1]15.6	19.6	17.6	20.4	19.0	13.0	18.5	15.5	7.2	7.2	11.3
Finished manufactures	8.7	[1]17.2	24.3	36.7	28.9	25.7	1.1	1.3	.9	1.2	1.1	1.9
	Europe						Asia and Oceania					
Exports (U. S. mdse.)	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	44.6	38.3	35.0	38.2	45.3	39.5	16.1	21.2	24.2	42.6	39.7	36.3
Foodstuffs	22.5	30.5	20.0	20.5	16.3	15.0	10.8	7.9	7.2	5.9	4.9	5.2
Semimanufactures	17.2	11.6	14.4	12.2	13.4	16.4	10.2	15.1	14.5	11.2	15.1	17.8
Finished manufactures	15.7	19.6	30.5	29.1	25.0	29.1	62.9	55.8	54.0	40.3	40.3	40.7
General imports	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	27.4	[1]24.2	21.2	17.8	19.0	17.6	54.7	65.7	66.6	51.2	49.1	50.5
Foodstuffs	12.1	10.2	10.6	14.2	12.9	13.7	14.7	[1]10.1	10.1	25.0	23.5	21.6
Semimanufactures	23.5	[1]25.1	26.9	26.2	31.5	27.8	13.5	[1]10.9	11.5	10.0	14.1	13.5
Finished manufactures	37.0	[1]40.5	41.3	41.8	36.6	35.9	17.1	[1]13.2	11.8	13.7	13.3	14.4

[1] Revised.

No. 500.—IN TRANSIT AND TRANSSHIPMENT TRADE OF THE UNITED STATES: BY CONTINENTS AND PRINCIPAL COUNTRIES

[Values in thousands of dollars (for basis of dollar values, see general note, p. 416)]

Year ended Dec. 31	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to
	North America		South America		Europe		Asia and Oceania	
1926	300,070	82,115	14,995	32,413	25,918	219,952	24,097	25,994
1927	371,419	91,285	17,050	30,908	30,552	274,524	14,735	29,631
1928	286,994	174,215	15,811	23,117	101,755	198,741	19,719	22,915
1929	288,133	81,055	11,142	29,912	29,298	192,858	17,793	32,737
1930	204,095	74,202	12,598	21,941	27,130	142,442	17,930	17,507
1931	123,497	45,571	11,367	14,784	23,663	99,223	13,323	8,242
1932	74,652	36,404	8,408	9,016	19,734	57,205	7,473	5,161
1933	90,060	35,204	10,359	11,969	25,261	78,266	9,440	7,305
1934	108,293	42,688	12,227	17,048	27,182	83,730	15,432	15,810
	Africa		Canada		Mexico		Cuba	
1926	1,614	6,219	275,891	37,748	7,849	11,574	7,318	17,554
1927	1,807	9,215	338,611	38,069	13,339	12,502	10,010	23,427
1928	2,465	7,756	252,359	132,403	15,554	11,966	8,455	13,428
1929	1,219	11,007	249,082	36,293	22,886	11,288	6,149	17,095
1930	1,818	7,479	167,736	34,181	20,236	11,250	6,456	14,752
1931	543	4,573	95,431	17,557	16,760	7,391	3,987	7,812
1932	328	2,809	53,635	14,755	8,369	5,440	3,028	6,085
1933	1,108	3,484	51,638	10,643	20,803	7,102	7,040	6,362
1934	639	4,406	71,278	13,173	22,935	10,094	4,637	7,650
	Argentina		Peru		United Kingdom		Belgium	
1926	3,610	10,446	5,349	1,287	10,875	92,081	1,613	16,139
1927	3,906	13,117	7,211	1,408	11,177	149,926	3,277	13,682
1928	4,996	8,536	3,743	1,748	61,832	100,773	3,399	12,186
1929	2,745	10,285	3,055	1,593	11,678	90,389	1,636	8,890
1930	2,901	7,358	5,111	1,629	9,095	64,513	1,953	10,274
1931	1,563	2,354	4,950	1,496	9,574	37,743	1,157	7,418
1932	1,232	937	3,493	1,499	9,533	19,229	560	5,076
1933	1,203	1,273	5,222	2,010	11,382	31,649	2,340	5,791
1934	2,531	2,548	5,113	2,788	14,642	27,265	944	7,733
	France		Netherlands		Germany		Italy	
1926	1,712	7,882	3,038	22,221	3,842	32,922	1,700	12,670
1927	1,630	14,098	3,645	22,123	5,482	29,235	1,953	18,950
1928	4,813	13,588	6,463	14,123	11,199	27,025	4,718	12,614
1929	1,400	15,783	3,491	15,050	5,387	27,501	1,718	10,168
1930	1,461	7,913	3,843	13,786	5,842	18,447	1,698	7,811
1931	2,214	13,607	3,054	8,261	4,311	14,654	1,238	7,046
1932	1,433	7,255	2,117	4,834	2,510	8,983	1,081	5,039
1933	2,199	8,363	2,211	7,226	2,783	11,367	1,257	6,175
1934	1,836	9,611	2,139	8,397	3,890	11,386	1,502	7,622

No. 501.—IN TRANSIT AND TRANSSHIPMENT TRADE: BY CUSTOMS REGIONS THROUGH WHICH SHIPPED

[Values in thousands of dollars]

Year ended Dec. 31	Total	Atlantic Coast				Gulf coast	Mexican border	Pacific coast	Northern border
		Total[1]	Maine and New Hampshire	New York	Philadelphia				
1926	366,693	314,645	15,206	241,480	24,327	235	3,912	21,987	25,915
1927	435,564	333,512	10,575	266,704	26,774	2,265	5,236	22,760	71,791
1928	426,744	307,778	5,372	248,764	17,300	3,380	3,404	15,770	91,411
1929	347,569	274,593	3,785	234,386	11,182	9,866	9,566	17,177	36,367
1930	263,571	198,318	2,326	178,633	7,596	5,728	11,456	15,541	32,529
1931	172,393	132,444	1,330	121,113	2,347	3,710	9,528	12,553	14,158
1932	110,595	82,729	703	79,980	233	1,723	3,763	9,262	13,118
1933	136,227	114,658	346	111,553	403	1,983	3,223	9,423	6,939
1934	163,773	120,880	1,272	124,699	1,174	5,282	7,897	11,953	8,761

[1] Includes districts not specified.

No. 502.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF

NOTE.—In the case of some countries, especially those having no seaports, there is considerable indirect imports from them; for such countries the apparent balance of trade may be far from the true bal Adjusted figures taking account of this movement are given in table 495. Figures for 1910 to 1914

[All figures in thousands of dollars (for basis

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934
Grand total	2,165,818	4,397,027	4,777,314	3,843,181	2,424,289	1,611,016	1,674,994	2,132,900
North America[1]	501,095	1,071,959	1,233,033	1,019,226	590,826	364,952	340,859	486,083
1. Northern[1]	319,890	627,382	829,858	670,652	403,732	245,736	214,833	308,015
Canada[1]	315,044	619,017	819,471	659,094	396,355	241,351	210,651	302,433
Newfoundland and Labrador.	4,778	8,181	10,066	11,285	7,170	4,167	3,948	5,343
Miquelon and St. Pierre.	68	174	312	270	205	217	203	239
Greenland		10	9	3	2		31	
2. Southern	181,205	444,577	403,175	348,574	187,094	119,216	126,026	178,048
Mexico	53,091	146,345	121,959	116,135	52,366	31,900	37,521	55,061
Central America	*37,569*	*58,738*	*78,522*	*68,389*	*46,669*	*30,464*	*31,451*	*57,881*
British Honduras	1,482	1,922	1,963	1,652	1,370	845	597	653
Costa Rica	3,437	5,139	6,913	4,554	3,523	2,435	2,424	3,126
Guatemala	2,834	7,214	10,773	7,305	5,106	2,820	3,097	4,070
Honduras	2,847	10,312	9,634	9,602	5,980	4,473	5,030	5,993
Nicaragua	2,442	5,284	6,494	4,869	3,565	1,993	2,006	2,524
Panama	22,451	22,807	35,441	35,900	23,552	15,609	15,887	18,335
Salvador	2,077	6,060	7,305	4,457	3,483	2,289	2,320	3,130
West Indies and Bermuda.	*90,545*	*239,494*	*208,694*	*164,100*	*88,059*	*56,851*	*57,054*	*85,156*
Bermuda	1,446	3,637	3,843	4,698	4,668	2,753	2,270	2,929
Barbados	[2] 1,467	1,591	1,497	1,358	957	525	643	991
Jamaica	[2] 4,974	8,537	8,585	8,374	5,562	2,815	2,648	3,800
Trinidad and Tobago.	[2] 3,329	5,176	5,705	6,239	2,885	1,651	2,108	2,821
Other British	[2] 2,945	5,446	5,626	4,705	3,117	1,978	1,647	2,259
Cuba	63,047	181,294	133,245	93,550	46,964	28,755	25,093	45,323
Dominican Republic.	4,411	15,282	14,742	9,271	6,010	4,630	5,520	5,820
Netherland West Indies.	864	3,095	14,621	24,020	9,649	6,476	10,314	13,443
French West Indies.	1,633	2,630	2,745	3,108	2,175	2,334	2,140	2,790
Haiti, Republic of	5,862	10,910	10,113	7,104	4,822	4,005	3,595	3,436
Virgin Islands of U. S.	854	1,894	2,020	1,673	1,250	930	1,076	1,545
South America	121,028	297,115	447,860	337,509	158,691	98,589	114,048	161,701
3. North Coast	13,075	43,965	88,849	60,171	33,126	21,910	28,819	42,467
Colombia	5,764	25,862	48,137	25,130	16,052	10,070	14,754	21,943
Guiana—								
British	1,808	2,094	1,315	1,045	725	384	434	583
Surinam (Netherlands).	723	983	1,112	867	619	544	442	530
French	204	450	156	162	85	84	74	129
Venezuela	4,486	14,576	38,129	32,967	15,645	10,229	13,115	19,281
4. East Coast	84,715	193,497	280,622	206,159	91,459	63,232	70,720	89,852
Argentina	47,169	117,002	165,222	129,862	52,652	31,133	36,927	42,688
Falkland Islands	1	4	44	8	107	1		2
Brazil	31,484	59,921	89,377	53,809	28,579	28,600	29,728	40,375
Paraguay	134	617	1,229	1,067	602	281	451	647
Uruguay	5,927	15,952	24,750	21,413	9,519	3,217	3,614	6,140
5. West Coast	23,239	59,653	80,389	71,179	34,106	11,447	14,508	29,383
Bolivia	915	3,649	5,052	4,219	1,775	2,163	2,629	5,118
Chile	13,870	30,132	45,887	46,374	21,462	3,568	5,321	12,030
Ecuador	2,424	4,930	5,545	4,866	2,934	1,754	1,573	2,343
Peru	6,030	20,942	23,906	15,720	7,935	3,962	4,985	9,891

For footnotes see p. 442.

MERCHANDISE BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES

trade by way of other countries, this being usually larger in the case of our exports to them than of our ance. A specially marked case of indirect trade is that of grain exported through Canada to Europe. cover fiscal years; other figures, calendar years

of dollar values see general note, p. 416)]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934	
1,688,874	3,450,103	4,033,469	3,060,908	2,090,635	1,322,774	1,449,559	1,655,055	**Grand total.**
347,136	910,902	940,194	761,711	517,041	338,522	317,767	399,220	**North America.**[1]
118,518	396,668	479,737	414,355	277,111	181,413	190,651	238,496	**1. Northern.**[1]
117,213	393,771	469,212	402,350	266,268	174,101	185,409	231,606	Canada.[1]
1,272	2,528	10,024	11,485	10,396	7,133	4,754	5,185	Newfoundland and Labrador.
7	37	61	66	4	5	338	1,420	Miquelon and St. Pierre.
[2]33	333	441	454	443	174	150	196	Greenland.
228,617	514,233	460,457	347,356	239,930	157,107	127,116	160,724	**2. Southern.**
70,479	147,488	125,933	80,293	47,612	37,423	30,716	36,495	Mexico.
17,869	*56,357*	*43,609*	*38,628*	*31,001*	*24,456*	*22,618*	*23,997*	*Central America.*
1,435	2,421	3,093	2,682	1,541	625	430	1,107	British Honduras.
3,793	5,090	5,732	4,813	3,736	3,687	3,944	2,102	Costa Rica.
2,845	10,015	10,020	7,401	4,651	4,501	3,484	4,543	Guatemala.
2,756	5,957	11,151	12,600	11,870	9,004	7,046	7,791	Honduras.
1,420	4,987	4,993	3,522	2,382	1,964	2,225	1,668	Nicaragua.
3,781	4,635	5,483	4,735	4,590	3,530	3,376	4,187	Panama.
1,338	3,251	3,138	2,875	2,231	1,143	2,108	2,539	Salvador.
140,770	*330,388*	*200,914*	*228,456*	*161,317*	*96,231*	*73,787*	*100,292*	*West Indies and Bermuda.*
599	1,076	921	659	527	455	419	767	Bermuda.
[2]308	351	499	499	551	309	178	385	Barbados.
[2]6,140	6,873	8,425	7,703	6,202	3,234	1,246	1,752	Jamaica.
[2]5,490	5,199	8,913	8,373	5,620	3,390	1,536	2,602	Trinidad and Tobago.
[2]1,434	2,372	2,700	1,596	1,139	830	685	1,149	Other British.
122,077	299,605	207,920	121,949	90,059	58,330	58,499	78,929	Cuba.
3,617	8,138	8,850	7,255	5,126	3,380	3,279	3,785	Dominican Republic.
474	4,290	50 337	78,345	50,817	24,182	6,533	8,943	Netherland West Indies.
59	168	128	105	47	94	91	183	French West Indies.
794	1,651	1,352	1,123	760	611	804	1,223	Haiti, Republic of.
221	660	869	768	409	405	517	575	Virgin Islands of U. S.
206,858	421,336	545,788	433,518	307,190	200,902	202,280	228,958	**South America.**
22,545	65,832	132,571	136,369	104,101	82,427	62,629	70,520	**3. North Coast.**
11,946	49,370	94,662	97,139	75,482	60,846	47,036	47,115	Colombia.
494	675	934	739	812	476	276	358	Guiana— British.
944	737	1,115	1,538	894	798	1,230	846	Surinam (Netherlands).
38	177	79	85	68	13	37	81	French.
9,122	14,873	35,782	36,868	26,845	20,294	13,450	22,120	Venezuela.
148,280	251,361	309,361	215,346	150,493	100,121	120,683	126,087	**4. East Coast.**
32,878	83,270	94,842	71,801	35,980	15,779	33,841	29,487	Argentina.
	468	22		269		179		Falkland Islands.
110,878	152,170	199,515	130,854	110,212	82,139	82,628	91,484	Brazil.
39	655	558	247	155	100	262	404	Paraguay.
4,485	14,799	14,427	12,354	3,877	2,104	3,773	4,711	Uruguay.
36,034	104,142	103,856	81,803	52,596	18,354	18,968	32,351	**5. West Coast.**
2	1,082	241	152	43	6	105	152	Bolivia.
22,881	77,186	75,059	54,813	39,977	12,278	11,503	22,910	Chile.
3,370	6,859	5,736	5,554	3,603	2,386	1,888	3,099	Ecuador.
9,780	19,016	22,819	21,284	8,973	3,685	5,472	6,191	Peru.

No. 502.—Exports (Including Reexports) and General Imports of Mer

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934
Europe [1]	1,350,299	2,317,944	2,235,613	1,838,375	1,186,885	784,299	849,778	949,799
6. Northwestern and Central	1,222,899	1,960,627	1,878,271	1,513,279	966,448	670,264	717,498	787,723
Sweden	10,033	39,443	49,298	44,922	32,156	17,457	18,598	33,064
Norway	7,819	28,081	22,662	20,281	12,196	6,916	7,112	11,232
Denmark	15,393	42,615	49,608	40,243	29,749	11,996	11,611	14,507
Iceland	16	290	311	361	291	67	132	238
United Kingdom	567,592	[3] 939,412	837,219	678,105	455,974	288,326	311,731	382,749
Irish Free State		[4] 7,280	13,896	13,725	6,421	4,487	4,128	7,180
Belgium	53,117	111,284	105,640	86,000	59,441	40,278	43,268	50,006
France	138,841	265,196	244,606	223,960	121,820	111,561	121,710	115,704
Netherlands	104,575	138,228	131,901	104,915	65,590	45,254	48,059	50,908
Austria	[5] 20,581	2,211	4,663	4,751	2,613	849	1,195	1,674
Czechoslovakia		1,665	5,387	5,061	3,788	1,872	1,564	2,744
Hungary	([5])	330	1,828	1,337	687	232	259	494
Germany	304,098	383,219	400,364	278,269	166,050	133,668	140,024	108,738
Switzerland	833	7,198	10,888	11,349	9,672	7,300	7,507	8,425
7. Northeastern	26,882	58,267	103,572	133,248	113,874	23,228	28,801	41,456
Estonia		2,081	809	513	348	560	683	964
Finland	[2] 3,031	10,442	14,866	11,290	4,865	2,775	3,462	5,994
Latvia		3,047	1,190	805	337	153	406	515
Lithuania		67	220	274	199	164	193	230
Poland and Danzig		10,881	10,887	9,002	4,589	7,108	15,114	18,873
Union of Soviet Socialist Republics (Russia in Europe).	23,456	[6] 31,749	75,600	111,362	103,486	12,466	8,743	14,881
8. Southwestern	96,451	288,107	229,473	171,415	94,866	80,688	98,086	111,025
Azores and Madeira Islands	214	987	1,256	1,293	325	107	156	255
Gibraltar	473	3,412	1,001	117	72	143	125	254
Italy	65,966	185,237	141,115	100,429	54,815	49,135	61,240	64,578
Portugal	3,610	8,005	12,456	12,069	5,033	4,614	5,808	7,909
Spain	26,189	70,465	73,644	57,507	33,971	26,688	30,757	38,029
9. Southeastern	5,068	30,943	24,296	20,435	11,697	10,120	5,593	9,598
Albania [7]						93	85	84
Bulgaria	165	745	623	589	176	249	279	229
Greece	873	17,153	13,699	12,522	7,578	7,764	2,840	4,650
Malta, Gozo, and Cyprus Islands	378	1,381	1,083	897	510	309	396	495
Rumania	1,415	2,409	6,436	4,020	2,236	1,260	1,696	3,546
Turkey in Europe	2,225	8,058	[8] 2,945					
Yugoslavia [7]	[9] 12	1,198	1,276	1,507	1,197	445	297	591
Asia	121,042	498,853	573,973	447,987	386,362	292,428	292,284	401,340
10. Western	2,600	8,047	10,643	12,476	6,537	7,035	8,782	14,864
Aden	1,345	1,099	497	225	99	80	91	171
Saudi Arabia				336	208	76	106	326
Iraq		362	1,170	1,003	521	1,124	1,268	1,329
Palestine				1,370	904	1,673	2,730	4,395
Syria		3,129	4,070	2,414	2,035	1,460	1,835	2,235
Iran	132	950	1,805	2,743	1,057	1,082	1,409	3,687
Turkey in Asia [10]	1,123	[11] 2,508	3,100	4,385	1,713	1,539	1,343	2,722
11. Southern and Southeastern	40,613	119,137	180,632	154,907	109,390	83,246	76,617	94,235
British India	10,904	38,188	53,512	45,195	36,698	24,915	19,858	27,442
Ceylon	[12] 413	[12] 1,453	2,584	1,796	1,258	737	815	1,256
British Malaya	2,876	8,030	12,649	9,601	4,735	2,497	2,397	4,218
Netherland India	3,098	17,242	33,850	29,408	15,323	7,816	6,890	10,068

For footnotes, see pp. 442 and 443.

CHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES—Continued

thousands of dollars]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934	
836,499	1,049,494	1,210,511	908,845	640,095	388,963	462,189	489,210	**Europe**[1]
723,829	884,987	1,005,460	745,775	517,664	302,775	373,110	390,755	**6. Northwestern and Central**
9,530	34,073	47,302	45,525	34,271	24,480	30,972	33,949	Sweden.
8,086	18,498	21,694	18,224	16,820	10,439	13,160	16,946	Norway.
2,597	6,029	4,267	3,181	1,881	1,328	1,786	1,893	Denmark.
71	106	316	437	442	324	490	616	Iceland.
278,807	[3] 355,781	325,884	209,994	135,452	74,631	111,218	115,358	United Kingdom.
	[4] 1,269	2,794	5,364	2,303	371	508	684	Irish Free State.
40,360	58,335	70,137	51,536	34,241	21,927	23,103	26,174	Belgium.
130,130	147,875	152,766	113,775	79,174	44,738	49,702	61,037	France.
34,937	70,625	81,549	51,193	34,952	22,430	30,949	28,440	Netherlands.
[5] 18,077	4,097	10,433	7,780	4,108	2,611	2,591	2,586	Austria.
	17,373	34,505	20,584	23,162	13,021	14,650	17,552	Czechoslovakia.
(6)	603	1,161	936	720	411	1,185	1,501	Hungary.
176,462	132,496	210,570	176,981	127,039	73,672	78,185	68,805	Germany.
24,682	38,843	42,083	31,265	23,099	12,493	14,551	15,209	Switzerland.
19,254	17,719	35,913	37,797	25,996	19,589	24,286	27,945	**7. Northeastern.**
	400	330	544	457	419	549	485	Estonia.
[5] 153	7,549	9,866	10,464	9,932	8,179	8,915	8,995	Finland.
	2,578	4,022	1,772	835	544	415	602	Latvia.
	265	527	226	207	63	373	300	Lithuania.
	2,369	4,053	2,838	1,954	1,256	2,686	5,648	Poland and Danzig.
19,131	[6] 4,557	16,615	21,963	12,611	9,129	11,348	11,915	Union of Soviet Socialist Republics (Russia in Europe).
79,589	115,147	143,500	111,083	83,654	57,412	56,471	59,497	**8. Southwestern.**
267	2,495	1,587	1,465	837	800	789	696	Azores and Madeira Islands.
11	16	27	8	4	5	42	13	Gibraltar.
51,149	79,141	101,913	79,321	62,659	42,403	38,571	35,749	Italy.
6,552	3,855	5,541	4,927	3,553	2,798	3,368	4,137	Portugal.
21,610	29,639	34,432	25,362	16,621	11,406	13,701	18,903	Spain.
13,827	31,642	25,638	14,190	12,781	9,187	8,322	11,013	**9. Southeastern.**
					61	29	56	Albania.[7]
376	1,029	858	514	414	202	315	198	Bulgaria.
3,329	22,256	18,143	11,793	10,982	7,550	5,987	8,299	Greece.
18	160	153	38	23	14	93	74	Malta, Gozo, and Cyprus Islands.
248	266	650	314	564	921	403	182	Rumania.
8,859	7,421	[8] 10,688						Turkey in Europe.
[9] 996	511	1,550	1,532	798	438	1,495	2,204	Yugoslavia.[7]
256,534	942,879	1,192,632	856,496	574,301	362,454	425,868	489,775	**Asia**
13,576	21,279	30,986	24,964	19,173	11,716	16,535	15,557	**10. Western.**
1,808	2,221	2,693	1,742	1,260	560	1,042	916	Aden.
			66	88	201	218	154	Saudi Arabia.
	2,547	4,921	3,765	3,321	1,905	2,230	2,722	Iraq.
			165	105	91	194	176	Palestine.
	2,337	3,895	1,791	1,857	806	1,307	1,143	Syria.
1,377	4,773	7,933	5,797	4,457	2,764	3,353	3,286	Iran.
10,392	[11] 9,402	11,544	11,638	8,085	5,388	8,191	7,161	Turkey in Asia.[10]
119,750	425,025	625,105	436,794	274,373	184,762	237,057	303,755	**11. Southern and Southeastern.**
56,356	109,020	136,869	104,148	58,521	33,204	43,759	55,082	British India.
[12] 9,966	[12] 27,059	36,106	20,707	10,906	5,915	7,014	11,507	Ceylon.
24,625	153,247	249,829	144,032	83,073	34,806	59,912	105,499	British Malaya.
9,194	54,962	87,467	57,890	34,240	29,827	33,076	42,426	Netherland India.

No. 502.—Exports (Including Reexports) and General Imports of Mer

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934
Asia—Continued								
11. Southern and Southeastern—Continued.								
French Indo-China	243	1,079	1,886	1,549	967	1,484	610	1,636
Philippine Islands	22,596	51,927	73,688	64,935	48,883	44,968	44,782	47,120
Siam	481	1,199	2,391	2,365	1,313	683	841	1,617
Other Asia	1	19	72	58	213	146	424	871
12. Eastern	77,329	371,669	382,697	280,604	270,425	202,148	206,385	292,241
China	21,578	104,175	109,021	89,605	97,923	56,171	51,942	68,667
Hong Kong	9,137	17,810	18,043	16,987	14,380	9,695	8,563	9,026
Kwantung	676	6,735	7,531	6,405	2,176	1,186	2,691	3,938
Japan	45,290	241,877	246,036	164,570	155,715	134,921	143,435	210,480
Union of Soviet Socialist Republics (Russia in Asia[13])	1,148	1,072	2,066	3,037	231	175	254	130
13. Oceania	47,716	141,426	177,239	107,719	41,574	36,774	35,109	57,081
Australia	38,722	111,273	139,072	75,990	27,167	26,817	26,284	43,229
New Zealand	7,791	28,198	35,841	29,827	13,479	9,254	8,229	12,999
British Oceania	296	606	1,316	1,055	404	249	233	287
French Oceania	754	1,065	1,010	847	524	454	363	566
Other Oceania	153	284						
Africa	24,638	69,729	109,596	92,365	59,961	35,974	42,916	76,815
14. Mediterranean	4,914	20,880	27,076	25,116	14,568	9,277	10,259	15,117
Algeria and Tunisia	[14] 2,357	[14] 7,329	8,273	8,270	4,520	2,720	2,190	2,555
Canary Islands	752	2,110	3,042	3,010	1,930	1,179	1,481	1,458
Egypt	1,688	8,221	11,084	8,904	5,269	2,707	3,817	6,867
Italian Africa	50	63	56	55	72	196	184	270
Morocco	51	2,445	3,691	4,160	2,431	2,142	2,158	3,071
Spanish Africa, n. e. s.	17	661	929	707	346	334	429	890
15. Other Africa	19,724	48,899	82,520	67,249	45,393	26,697	32,657	61,698
Ethiopia		10	24	51	36	38	29	19
Belgian Congo	34	469	1,083	1,302	828	487	576	825
British Africa—								
West	[15] 3,189	7,835	11,781	9,370	5,122	3,811	3,399	3,822
Union of South Africa.	12,910	31,369	53,108	38,078	28,306	15,811	22,050	45,350
Other British South Africa.				1,051	300	171	375	910
East	708	2,306	4,723	4,487	2,092	1,148	1,041	1,907
Liberia	96	213	492	316	177	107	97	233
Madagascar	18	130	409	433	337	326	289	463
French Africa, n. e. s.	[16]	[14] [16] 2,350	4,037	5,013	2,868	2,080	1,697	2,766
Portuguese Africa	2,770	4,687						
Mozambique			5,350	5,857	4,060	2,182	2,721	4,875
Other			1,513	1,282	1,267	536	383	527
Latin America (groups 2, 3, 4, and 5).	302,233	741,692	851,035	686,083	345,785	215,805	240,074	339,750
Far East (groups 11, 12, 13)	166,158	632,232	740,568	543,230	421,389	322,167	318,611	443,552

[1] See headnote and table 495.
[2] Average, 1911–1914.
[3] Irish Free State is included in United Kingdom prior to 1925.
[4] 1925 only.
[5] Figures given under Austria are for Austria-Hungary.
[6] Includes Ukraine for 1921–1924.
[7] Albania included with Yugoslavia prior to 1932.
[8] Average for years 1926 and 1927. See note 10.

CHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES—Continued

thousands of dollars]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934	
								Asia—Continued
								11. Southern and Southeastern—Continued.
1	235	124	219	236	76	145	1,038	French Indo-China.
19,430	80,108	114,114	109,390	87,133	80,877	93,048	87,811	Philippine Islands.
110	301	477	400	263	57	78	245	Siam.
68	94	119	8	1	1	25	87	Other Asia.
125,208	496,575	536,541	394,738	280,755	165,976	172,277	170,463	12. Eastern.
35,323	142,035	140,506	101,464	66,759	26,177	37,807	43,933	China.
3,054	15,037	12,062	9,002	5,820	4,277	3,939	5,280	Hong Kong.
98	2,739	3,362	2,809	1,223	904	1,347	1,577	Kwantung.
84,999	335,384	379,632	279,040	206,349	134,011	128,418	119,251	Japan.
1,734	480	977	2,423	595	607	766	422	Union of Soviet Socialist Republics (Russia in Asia[13]).
17,276	53,994	53,137	32,791	19,120	7,691	13,190	14,565	13. Oceania.
12,312	37,534	33,072	17,451	12,504	4,643	7,680	8,518	Australia.
3,758	13,821	16,632	11,621	4,433	2,158	4,793	5,592	New Zealand.
118	804	1,556	2,048	835	451	302	111	British Oceania.
1,048	1,489	1,877	1,671	1,348	438	415	343	French Oceania.
40	286							Other Oceania.
22,573	71,499	91,207	67,547	32,888	24,241	28,265	33,326	Africa.
18,096	36,232	36,027	19,309	6,963	6,783	8,422	11,891	14. Mediterranean.
[14] 733	[14] 2,096	4,229	4,019	1,818	1,211	1,326	1,764	Algeria and Tunisia.
139	249	581	444	256	191	187	248	Canary Islands
16,887	33,471	30,092	13,590	4,017	4,849	6,128	8,954	Egypt.
106	21	35	63	110	54	118	213	Italian Africa.
232	394	1,089	1,193	762	472	653	699	Morocco.
		1			6	10	12	Spanish Africa, n. e. s.
4,477	35,267	55,181	48,238	25,925	17,457	19,843	21,436	15. Other Africa.
1	2	195	70	41	229	181	522	Ethiopia.
7	909	11,813	14,043	2,576	1,204	1,614	1,600	Belgian Congo.
								British Africa—
[15] 749	12,843	23,245	20,316	12,476	8,932	9,284	9,200	West.
2,463	9,292	10,875	6,939	4,404	2,302	3,895	2,859	Union of South Africa.
			33	86	108	215	356	Other British South Africa.
942	1,750	2,410	2,265	1,325	1,843	1,630	2,515	East.
2	29	180	52	29	5	11	39	Liberia.
33	207	246	307	143	96	133	343	Madagascar.
([14])	[14] [16] 775	1,817	2,590	2,206	1,343	845	1,260	French Africa, n. e. s.
280	9,615							Portuguese Africa.
		4,311	1,572	2,501	1,282	1,857	2,512	Mozambique.
		90	42	48	113	198	232	Other.
435,476	935,589	1,006,245	780,874	547,120	358,009	329,396	389,632	Latin America (groups 2, 3, 4, and 5).
282,233	975,594	1,214,783	864,323	574,248	358,429	422,524	488,783	Far East (groups 11, 12, 13).

[9] Serbia and Montenegro.
[10] Includes Turkey in Europe beginning 1928.
[11] Includes Greece in Asia and Armenia and Kurdistan for 1921–1924.
[12] Other British East Indies prior to 1922.
[13] Includes Far Eastern Republic reported separately for 1921–1924.
[14] Figures given under Algeria and Tunisia include French Africa, n. e. s., for years prior to 1922.
[15] Includes Kamerun.
[16] Average, 1922–1925.

No. 503.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, BY GROUPS OF CUSTOMS DISTRICTS

NOTE.—All figures in thousands of dollars. Specie values for all years through 1932, except export figures for 1865 and 1870–78, which represent mixed gold and currency values and hence do not agree with the specie values given for total exports in other tables. Since 1932, all figures represent current dollar values (see general note, p. 416). Figures cover fiscal years to and including 1915, calendar years beginning 1916. Import data are "general imports" through 1933; "imports for consumption" thereafter. Exports and imports of the interior districts, a small percentage of the total, are not included in this table. See annual volumes of Foreign Commerce and Navigation for data for each customs district

Year or yearly average	Atlantic coast		Gulf coast		Mexican border		Pacific coast		Northern border	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1860	160, 216	304, 577	153, 680	22, 303	1, 012	528	4, 981	7, 372	13, 688	18, 836
1865	257, 459	193, 741	3, 622	1, 476			10, 905	15, 948	16, 228	27, 580
1870	293, 440	370, 614	146, 020	16, 506	2, 213	959	14, 647	15, 241	15, 043	31, 639
1871–1875	390, 885	501, 968	122, 677	20, 099	2, 719	1, 440	21, 581	26, 039	22, 318	28, 328
1876–1880	533, 477	425, 404	107, 452	12, 430	3, 114	1, 707	33, 466	30, 326	25, 028	22, 703
1881–1885	589, 552	572, 760	114, 719	13, 834	4, 431	2, 200	50, 742	40, 285	32, 649	37, 141
1886–1890	548, 775	594, 176	112, 611	14, 204	3, 640	6, 413	42, 352	46, 455	31, 000	48, 514
1891–1895	655, 109	651, 233	140, 229	21, 407	8, 597	9, 619	44, 260	46, 683	44, 235	48, 245
1896–1900	813, 139	611, 207	188, 587	18, 356	15, 051	4, 579	60, 712	49, 627	79, 727	50, 247
1901–1905	923, 383	776, 744	297, 581	37, 652	25, 364	12, 931	81, 029	55, 747	126, 276	76, 141
1906–1910	1, 058, 483	1, 052, 156	408, 656	60, 901	33, 074	16, 980	86, 229	82, 813	192, 242	112, 757
1911–1915	1, 364, 246	1, 278, 953	513, 960	100, 153	22, 785	24, 708	135, 718	128, 019	333, 493	159, 878
1915–1920[1]	4, 234, 998	2, 245, 780	946, 560	185, 341	49, 361	41, 471	449, 006	429, 557	840, 366	432, 185
1921–1925	2, 207, 289	2, 296, 418	1, 088, 592	233, 228	73, 826	17, 117	374, 062	421, 082	653, 761	456, 922
1926–1930	2, 224, 224	2, 675, 493	1, 082, 472	275, 442	92, 606	30, 003	526, 059	485, 671	825, 539	535, 040
1891	637, 454	597, 965	151, 941	23, 214	7, 541	11, 106	52, 583	53, 581	34, 962	49, 584
1892	753, 107	689, 458	174, 686	21, 750	6, 993	12, 501	55, 826	49, 988	39, 666	46, 010
1893	624, 278	717, 360	125, 592	24, 682	12, 152	13, 826	42, 230	48, 315	43, 413	52, 923
1894	670, 266	537, 644	126, 788	20, 681	7, 345	8, 229	34, 599	41, 241	53, 143	41, 693
1895	590, 393	613, 737	122, 138	16, 709	8, 955	2, 435	36, 061	40, 290	49, 991	51, 017
1896	635, 842	645, 204	131, 320	17, 548	10, 984	3, 687	44, 071	49, 174	60, 390	56, 153
1897	733, 205	639, 407	181, 269	19, 991	13, 999	4, 135	58, 925	43, 906	63, 596	50, 068
1898	862, 325	502, 146	201, 848	13, 063	12, 135	5, 065	74, 133	50, 264	80, 981	39, 478
1899	870, 755	576, 163	194, 390	17, 483	15, 820	4, 632	56, 204	45, 873	39, 404	45, 588
1900	963, 569	693, 113	234, 108	23, 693	22, 320	5, 378	70, 175	58, 916	104, 267	59, 948
1901	1, 002, 841	670, 622	285, 465	26, 070	21, 147	10, 142	69, 534	48, 203	107, 939	57, 120
1902	895, 445	724, 371	263, 079	31, 077	24, 231	13, 704	87, 515	54, 301	111, 441	67, 756
1903	904, 172	821, 252	285, 021	38, 378	25, 936	13, 377	79, 253	56, 475	125, 759	82, 054
1904	897, 106	770, 237	334, 795	43, 924	29, 261	12, 450	65, 723	57, 499	133, 942	83, 744
1905	917, 350	888, 239	319, 544	48, 210	26, 245	14, 981	103, 122	62, 257	152, 300	90, 030
1906	1, 061, 778	974, 563	368, 723	53, 984	34, 925	16, 945	101, 770	66, 324	176, 665	97, 928
1907	1, 079, 770	1, 133, 032	469, 273	62, 908	41, 101	18, 001	92, 030	91, 140	198, 674	109, 172
1908	1, 155, 761	907, 185	396, 552	59, 341	33, 101	10, 869	94, 207	81, 982	181, 147	114, 874
1909	976, 963	1, 018, 847	400, 631	50, 566	27, 136	16, 178	69, 949	85, 962	179, 329	112, 690
1910	1, 018, 144	1, 227, 155	399, 100	68, 705	29, 106	22, 911	73, 189	88, 657	225, 398	129, 123
1911	1, 166, 469	1, 163, 540	487, 929	82, 148	30, 397	20, 364	94, 261	102, 703	269, 890	137, 724
1912	1, 262, 679	1, 268, 101	463, 974	92, 245	27, 194	22, 512	127, 542	111, 488	322, 371	137, 882
1913	1, 348, 811	1, 375, 850	543, 077	103, 612	24, 903	27, 060	146, 856	128, 895	401, 998	153, 613
1914	1, 304, 109	1, 374, 621	566, 388	120, 372	16, 630	32, 803	136, 243	138, 151	341, 183	205, 273
1915	1, 730, 159	1, 212, 656	508, 435	102, 388	14, 801	20, 801	173, 686	158, 858	332, 020	164, 897
1915 (6 mos.)	1, 303, 840	638, 241	223, 556	44, 396	9, 766	13, 024	97, 319	105, 067	218, 381	105, 395
1916	3, 826, 421	1, 654, 404	624, 381	114, 298	23, 501	42, 970	337, 920	294, 973	670, 418	268, 982
1917	4, 287, 541	1, 798, 340	663, 341	144, 479	48, 420	46, 144	390, 024	539, 336	844, 186	404, 061
1918	3, 758, 942	1, 829, 544	776, 176	156, 390	47, 556	52, 414	538, 987	568, 563	1, 027, 428	403, 316
1919	5, 211, 140	2, 629, 614	1, 235, 148	220, 298	58, 021	35, 195	599, 000	463, 137	817, 116	529, 496
1920	4, 904, 606	3, 801, 648	1, 683, 476	339, 513	84, 220	38, 345	511, 238	391, 488	1, 044, 482	665, 769
1921	2, 378, 557	1, 726, 488	1, 076, 736	158, 231	103, 543	10, 113	311, 605	190, 308	614, 591	408, 411
1922	1, 938, 344	2, 024, 214	914, 466	188, 420	57, 012	11, 300	312, 357	430, 152	609, 598	440, 266
1923	2, 070, 261	2, 534, 277	991, 864	237, 570	59, 564	20, 155	371, 572	480, 679	674, 231	486, 843
1924	2, 245, 602	2, 357, 723	1, 164, 452	281, 881	73, 253	20, 343	447, 311	477, 302	638, 946	441, 717
1925	2, 403, 680	2, 839, 389	1, 295, 444	300, 038	75, 759	23, 673	427, 475	526, 969	681, 437	507, 373
1926	2, 308, 548	2, 953, 131	1, 120, 944	325, 614	72, 831	26, 317	518, 888	546, 102	759, 473	543, 493
1927	2, 297, 143	2, 774, 503	1, 100, 918	285, 373	77, 120	27, 623	506, 125	510, 569	856, 284	555, 002
1928	2, 290, 374	2, 877, 130	1, 227, 757	284, 576	95, 464	30, 394	561, 007	504, 695	924, 741	564, 119
1929	2, 424, 262	2, 931, 466	1, 140, 328	283, 941	115, 663	39, 595	595 015	523, 543	939, 071	585, 417
1930	1, 800, 794	2, 041, 245	822, 412	197, 706	101, 953	26, 087	449, 260	343, 446	648, 123	427, 172
1931	1, 167, 773	1, 461, 408	502, 108	139, 074	47, 959	13, 857	303, 038	194, 948	389, 335	264, 791
1932	665, 222	914, 138	467, 085	93, 621	32, 794	7, 827	203, 026	130, 018	233, 689	168, 175
1933	719, 654	1, 037, 536	502, 051	100, 761	41, 852	4, 031	197, 666	121, 083	209, 653	176, 740
1934	1, 018, 051	1, 158, 479	510, 009	113, 365	47, 783	6, 358	259, 414	122, 805	297, 532	216, 964

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 504.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, BY PRINCIPAL CUSTOMS DISTRICTS

NOTE.—All figures in thousands of dollars. Specie values except as indicated in headnote of table 503 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. See also headnote, table 503

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
1865	19,862	24,890	202,509	152,249	11,053	7,038	12,141	4,816		
1870	14,126	47,484	196,615	281,049	16,928	14,483	14,511	19,512	29,747	1,002
1871–1875	25,334	59,165	257,564	383,499	24,907	22,809	21,631	27,966	30,749	807
1876–1880	47,545	45,732	321,999	331,362	45,503	24,360	50,007	19,098	20,591	484
1881–1885	64,752	64,684	357,502	453,943	39,145	32,807	51,007	13,801	22,191	702
1886–1890	61,519	62,591	322,039	467,009	33,042	44,150	51,657	12,868	22,619	354
1891–1895	83,827	68,510	360,521	503,284	43,432	57,617	75,026	14,873	25,020	387
1896–1900	110,895	69,025	433,950	477,123	56,495	43,284	98,725	12,390	27,214	377
1901–1905	102,378	80,132	511,464	597,139	73,588	53,972	88,505	22,211	51,684	933
1906–1910	88,467	113,207	639,080	798,313	88,842	74,278	91,931	30,252	60,781	2,352
1911–1915	76,794	141,012	913,312	975,410	74,238	86,261	107,095	30,196	84,022	4,882
1916–1920[1]	217,286	273,049	2,912,529	1,703,482	415,261	144,849	320,396	42,282	139,812	16,745
1921–1925	55,559	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	1,680,191	1,967,949	100,400	205,098	93,543	109,108	73,099	17,814
1891	77,020	71,213	346,529	537,786	33,674	59,428	64,412	20,556	33,506	516
1892	87,176	71,780	413,953	536,538	58,541	60,007	98,850	13,419	25,704	302
1893	85,460	79,358	347,396	548,559	49,402	66,122	71,507	16,151	19,840	338
1894	83,972	53,309	369,146	415,796	40,501	53,727	78,422	11,979	25,527	353
1895	85,505	66,889	325,580	477,741	35,043	48,803	61,939	12,261	20,524	426
1896	95,851	79,180	354,275	499,933	39,567	43,841	66,399	13,477	21,409	274
1897	100,867	90,178	391,680	480,604	47,305	48,073	85,693	11,371	23,443	416
1898	117,582	51,475	445,516	402,281	56,244	31,420	118,846	8,907	28,938	392
1899	128,037	52,098	450,444	465,560	60,950	41,223	107,156	9,151	24,030	376
1900	112,196	72,196	518,834	537,237	78,406	51,866	115,630	19,045	38,252	430
1901	143,708	61,452	529,598	527,260	79,354	48,043	106,239	18,899	46,739	645
1902	102,404	71,921	490,362	559,931	80,383	47,750	80,533	22,825	41,525	572
1903	88,120	86,311	505,830	618,706	73,532	59,995	81,704	27,803	54,141	1,037
1904	89,846	80,658	506,808	600,171	71,393	53,890	82,836	20,346	53,770	924
1905	87,804	100,318	524,726	679,629	63,278	60,181	91,215	21,181	62,245	1,489
1906	98,740	106,442	607,160	734,351	82,564	70,801	109,925	30,085	64,840	1,503
1907	100,872	124,433	627,950	853,697	94,832	79,870	104,809	37,774	63,040	2,204
1908	96,051	93,679	701,063	688,216	109,261	63,432	89,989	29,477	61,695	2,044
1909	76,158	112,473	607,239	779,309	84,286	68,884	77,551	24,022	50,900	2,152
1910	70,517	129,006	651,986	935,991	73,266	88,403	77,382	29,901	63,428	3,855
1911	71,534	116,597	772,552	881,593	69,956	83,627	85,121	32,174	72,076	5,297
1912	69,692	129,293	817,946	975,744	69,070	85,038	92,211	26,438	104,287	5,130
1913	69,553	146,599	917,936	1,048,321	76,315	93,210	116,474	32,805	58,235	4,462
1914	65,715	159,916	864,546	1,040,381	65,183	96,433	109,690	34,489	110,595	6,270
1915	107,476	162,654	1,193,581	931,011	90,666	72,948	131,978	24,983	74,919	3,251
1915 (6 mos.)	53,707	81,345	1,026,310	498,617	77,689	31,420	57,647	11,938	20,262	859
1916	183,953	202,990	2,790,403	1,257,185	317,134	111,411	291,168	38,942	68,638	1,884
1917	208,532	229,404	2,901,138	1,361,662	502,224	102,244	377,376	36,963	107,777	4,888
1918	221,315	295,915	2,560,857	1,294,415	425,072	115,011	300,717	35,983	111,391	15,001
1919	334,487	299,365	3,456,329	2,064,654	519,564	153,819	353,713	38,900	258,682	15,397
1920	192,802	392,753	3,283,873	2,892,621	442,250	282,763	381,557	69,824	202,014	54,269
1921	60,251	164,922	1,730,256	1,332,265	130,672	122,302	142,810	41,124	64,124	9,986
1922	50,545	238,507	1,375,396	1,484,685	126,477	154,332	124,941	60,069	67,673	14,072
1923	52,159	307,288	1,518,852	1,797,820	106,507	210,710	93,436	91,836	51,493	28,928
1924	57,346	253,852	1,657,698	1,690,003	106,444	202,697	100,172	100,494	77,337	22,666
1925	47,494	321,567	1,774,436	2,074,149	119,064	215,343	108,614	94,906	98,534	22,917
1926	41,283	305,879	1,662,538	2,224,964	97,005	195,823	129,348	106,241	104,594	19,490
1927	42,181	288,499	1,726,110	2,042,783	90,911	204,500	101,323	108,967	97,228	18,056
1928	45,470	276,512	1,769,004	1,950,058	88,424	215,692	98,974	110,028	60,199	18,394
1929	40,763	290,394	1,903,095	2,152,716	123,862	243,547	84,231	116,569	57,912	18,698
1930	33,633	176,199	1,384,309	1,469,227	101,830	165,928	53,840	103,736	45,563	14,435
1931	26,082	105,103	868,707	1,062,350	74,302	115,296	34,440	77,389	28,472	12,659
1932	16,936	72,561	492,365	656,082	39,859	79,113	24,503	46,141	20,309	5,600
1933	11,963	93,185	506,982	748,235	47,848	91,012	25,533	45,933	23,785	6,833
1934	15,671	97,615	733,875	834,159	54,595	96,398	40,643	52,229	23,216	7,754

[1]Period July 1, 1915, to Dec. 31, 1920.

No. 504.—Exports (Including Reexports) and Imports of Merchandise, by Principal Customs Districts—Continued

[All figures in thousands of dollars]

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	3,327	961
1865	3,582	1,404			991	7,118	4,590	311	2,877	1,441
1870	107,587	14,377	14,874	509	353	9,275	2,613	736	3,116	1,736
1871–1875	90,675	16,694	15,768	1,612	739	7,145	5,053	911	6,314	2,461
1876–1880	78,894	9,796	15,214	1,155	578	5,979	3,389	474	9,915	2,994
1881–1885	86,165	10,683	21,011	1,982	412	8,304	3,223	2,717	13,969	5,136
1886–1890	87,059	11,707	18,319	663	483	9,926	2,013	12,260	15,664	5,375
1891–1895	93,628	18,583	36,707	776	4,673	7,069	3,054	15,853	16,729	6,081
1896–1900	99,832	13,833	65,432	1,385	15,077	6,030	4,796	12,936	26,018	5,609
1901–1905	147,174	28,215	114,840	2,055	30,760	8,465	5,043	18,150	39,045	7,973
1906–1910	153,171	45,945	185,524	4,717	47,483	12,562	4,564	24,766	62,736	13,426
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	40,133	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	11,866	48,914	292,545	93,297
1891	109,107	20,267	33,772	648	732	8,809	2,340	15,303	16,510	5,933
1892	131,253	18,910	35,386	1,317	730	7,688	3,678	14,976	17,928	5,297
1893	77,838	21,790	37,476	863	3,022	7,511	4,084	18,448	15,903	6,977
1894	81,529	18,088	35,012	681	9,246	4,478	3,610	15,486	16,700	6,284
1895	68,413	13,862	41,887	370	9,638	6,858	1,558	15,053	16,604	5,915
1896	80,987	13,471	36,397	603	10,799	5,968	1,293	15,540	22,928	6,650
1897	101,494	16,619	58,198	779	10,818	7,189	2,310	11,528	22,273	6,381
1898	112,827	9,664	68,429	1,166	14,571	5,385	7,489	10,141	23,606	5,002
1899	87,993	11,918	78,477	2,921	14,989	5,449	7,675	12,154	28,725	4,657
1900	115,869	17,491	85,658	1,454	24,206	6,959	5,212	15,310	32,559	5,353
1901	152,777	20,462	101,857	954	23,629	6,726	10,030	14,532	33,742	6,232
1902	134,487	23,763	96,722	909	25,121	8,233	5,093	16,861	34,735	7,630
1903	149,073	28,881	104,121	1,511	28,696	8,973	4,551	20,122	40,328	8,566
1904	148,595	34,037	145,316	1,848	35,601	7,980	2,322	21,088	41,688	8,480
1905	150,937	33,933	126,182	4,992	40,755	10,413	3,221	18,145	44,733	8,957
1906	150,479	39,465	166,318	5,019	44,207	10,132	2,581	22,210	57,750	10,998
1907	170,562	46,047	237,308	7,029	48,750	11,744	4,013	25,017	64,865	11,515
1908	159,456	42,786	161,352	5,694	46,460	11,316	4,926	26,172	61,108	14,537
1909	144,982	45,713	189,464	3,356	42,891	13,065	4,775	23,871	60,161	14,172
1910	140,377	55,712	173,179	2,488	55,109	16,553	6,529	26,761	69,794	15,909
1911	172,835	66,722	220,505	3,531	67,279	18,973	6,916	30,586	81,898	17,031
1912	149,161	75,090	218,146	4,310	81,543	20,506	7,665	28,749	96,941	16,315
1913	169,980	82,399	281,458	7,821	103,103	20,405	4,869	32,537	112,641	19,687
1914	193,840	89,383	256,768	12,245	87,676	30,306	8,688	38,631	102,573	20,347
1915	209,373	79,745	230,392	10,148	73,959	31,415	23,565	29,498	117,747	24,956
1915 (6 mos.)	91,583	35,976	92,370	2,814	50,015	20,126	7,835	14,018	84,852	14,225
1916	266,662	92,041	252,545	8,373	184,619	41,421	3,990	29,006	222,663	32,575
1917	320,891	116,249	220,229	13,979	212,820	105,612	4,419	27,008	279,143	54,131
1918	399,997	124,258	226,834	14,013	208,340	99,915	69,019	40,301	379,158	57,231
1919	563,073	177,286	467,183	17,704	199,051	96,378	6,524	45,804	297,029	74,390
1920	712,380	274,073	649,253	30,730	237,930	121,436	25,800	64,504	356,220	107,351
1921	423,043	110,283	452,911	18,858	154,169	59,241	45,230	41,491	177,901	63,052
1922	353,282	129,756	417,142	21,160	146,021	70,283	38,506	46,914	205,977	65,442
1923	301,416	171,620	530,540	32,962	178,818	70,316	13,997	45,555	226,590	90,019
1924	411,691	205,974	579,509	41,487	158,256	72,247	26,415	45,739	195,902	81,537
1925	467,279	221,023	639,418	35,862	177,764	115,496	14,259	50,630	252,274	84,247
1926	413,793	238,805	533,825	38,906	191,676	125,668	17,843	50,478	272,375	101,682
1927	370,607	211,684	554,893	35,883	219,904	137,936	17,718	51,585	279,907	91,314
1928	375,837	211,783	682,346	30,801	223,938	144,928	9,002	50,381	328,439	92,099
1929	384,570	208,431	573,567	36,635	239,803	157,380	8,178	52,583	342,646	105,433
1930	273,358	137,640	396,640	21,767	170,193	117,402	6,586	39,542	239,358	75,959
1931	145,626	96,209	262,038	14,948	105,508	61,527	2,729	29,669	144,860	56,832
1932	128,169	66,553	244,509	10,773	67,274	37,627	4,975	21,238	85,076	38,095
1933	126,786	75,447	275,182	10,813	50,825	40,800	5,398	24,929	82,958	40,537
1934	146,156	79,863	252,053	16,276	64,839	48,927	4,406	30,397	124,358	48,407

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 504.—Exports (Including Reexports) and Imports of Merchandise, by Principal Customs Districts—Continued

Year or yearly average	San Francisco		Washington		Year or yearly average	San Francisco		Washington	
	Exports	Imports	Exports	Imports		Exports	Imports	Exports	Imports
1800	4,868	7,367	----	----	1906	39,915	44,433	49,235	13,614
1805	9,988	15,802	633	12	1907	33,027	54,095	43,659	25,353
1870	13,992	15,983	428	35	1908	28,000	48,251	44,033	22,209
1871–1875	19,476	25,459	497	30	1909	31,669	49,998	25,788	26,960
1876–1880	27,718	29,798	486	33	1910	31,181	49,351	30,121	28,910
1881–1885	41,740	39,109	1,647	109	1911	40,625	53,885	39,361	36,655
1886–1890	33,035	44,344	2,708	417	1912	49,250	59,235	63,746	39,011
1891–1895	32,365	43,557	5,627	1,068	1913	66,021	62,502	62,548	51,474
1896–1900	36,607	40,443	13,948	6,399	1914	63,375	67,111	55,012	55,392
1901–1905	37,751	38,188	30,708	9,907	1915	81,501	76,068	67,888	68,467
1906–1910	32,758	49,226	38,567	23,409	1915 (6 mos.)	41,807	42,290	46,161	55,933
1911–1915	60,154	63,760	57,711	50,200					
1916–1920[1]	136,317	197,613	222,702	206,862	1916	126,758	117,128	200,448	161,780
1921–1925	158,275	155,500	110,361	214,213	1917	175,136	231,979	196,932	289,078
1926–1930	183,236	195,351	136,886	212,134	1918	214,695	245,519	296,166	300,954
					1919	240,518	238,027	292,274	195,919
1891	40,169	50,943	5,729	477	1920	225,823	211,928	192,880	134,079
1892	40,737	47,136	6,566	573	1921	129,111	97,129	90,327	58,539
1893	31,144	45,291	5,093	840	1922	145,099	170,815	90,071	218,218
1894	24,903	38,147	4,942	1,230	1923	160,432	166,685	116,088	262,156
1895	24,873	36,270	5,805	2,222	1924	173,442	146,335	134,760	270,284
					1925	183,292	196,537	120,557	261,870
1896	31,583	41,400	6,855	5,484					
1897	39,648	34,376	11,865	7,066	1926	186,773	210,139	147,570	261,880
1898	41,224	42,823	17,919	5,058	1927	174,555	199,909	129,513	239,284
1899	30,215	35,747	15,200	7,240	1928	201,265	198,275	150,817	229,024
1900	40,368	47,870	17,903	7,149	1929	206,018	212,678	153,874	210,774
					1930	147,568	155,564	102,655	113,708
1901	34,597	35,162	20,679	6,721					
1902	38,184	35,103	33,789	11,971	1931	112,257	85,776	67,269	55,344
1903	33,503	36,454	32,500	12,177	1932	82,903	58,228	36,996	36,289
1904	32,547	37,548	22,730	11,285	1933	84,512	55,514	37,326	28,302
1905	49,924	46,676	43,843	7,378	1934	91,686	54,976	53,740	23,367

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 505.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION: By Tariff Schedules

Note.—All money figures in thousands of dollars (for basis of dollar values, see general note, p. 416). Data cover fiscal years through 1918, calendar thereafter. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise

Year	Schedule 1.—Chemicals, oils, and paints			Schedule 2.—Earths, earthenware, and glassware			Schedule 3.—Metals, and manufactures of		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1909	42,937	11,218	26.13	21,148	10,642	50.32	41,103	15,656	38.09
1910	42,022	11,072	26.41	24,774	12,468	50.33	66,961	22,333	33.35
1911	48,869	12,564	25.71	24,495	12,669	51.72	58,757	18,869	32.11
1912	47,236	12,240	25.91	21,994	11,156	50.72	50,492	17,346	34.35
1913	49,387	13,017	26.36	23,002	11,385	49.50	64,300	20,514	31.90
1914	60,314	13,100	21.72	25,222	10,187	40.39	50,743	12,190	24.02
1915	54,098	11,222	20.74	18,142	6,805	37.51	31,836	6,990	21.96
1916	52,806	9,309	17.63	13,024	4,677	35.91	33,245	6,309	18.98
1917	65,614	12,056	18.37	13,531	4,614	34.10	33,914	7,038	20.75
1918	65,762	10,507	15.98	13,444	4,707	35.01	33,227	6,813	20.51
1918 (6 months)	27,216	4,308	15.83	5,783	2,065	35.71	16,622	3,451	20.76
1919	108,151	13,922	12.87	14,933	5,009	33.55	43,186	8,672	20.08
1920	120,320	15,335	12.75	30,257	9,241	30.54	83,337	16,677	20.01
1921	64,753	14,144	21.84	28,591	9,864	34.50	62,793	13,672	21.77
1922	88,471	22,102	24.98	40,526	14,001	34.56	82,105	20,468	24.93
1923	90,123	26,989	29.95	60,182	23,526	39.09	103,307	35,013	33.89
1924	77,015	24,492	31.80	54,481	22,098	40.56	96,708	35,240	36.21
1925	93,746	27,465	29.30	56,391	24,529	43.50	113,684	38,961	34.27
1926	98,328	28,681	29.17	61,089	28,908	47.32	147,010	48,528	33.01
1927	98,312	27,907	28.48	58,260	28,217	48.43	135,403	47,179	34.84
1928	92,633	28,011	30.24	53,321	25,865	48.51	131,921	46,251	35.06
1929	110,452	33,910	30.70	55,304	27,014	48.85	154,022	54,654	35.48
1930	73,337	25,859	35.26	41,646	20,524	49.28	97,214	36,367	37.41
1931	52,913	20,279	38.32	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

No. 505.—Imported Dutiable Merchandise Entered for Consumption: By Tariff Schedules—Continued

[All figures except percentages in thousands of dollars]

Year	Schedule 4.—Wood, and manufactures of			Schedule 5.—Sugar, molasses, and manufactures of			Schedule 6.—Tobacco, and manufactures of		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1909	23,285	3,141	13.49	93,479	56,414	60.35	27,332	23,269	85.14
1910	27,489	3,185	11.59	101,587	53,105	52.28	29,581	24,124	81.55
1911	24,710	2,960	11.98	97,877	52,809	53.95	29,788	26,160	87.82
1912	24,415	3,043	12.46	105,745	50,951	48.18	31,116	25,572	82.18
1913	27,851	3,408	12.24	91,448	53,482	58.48	32,438	26,748	82.46
1914	12,182	1,619	13.29	108,255	61,870	57.15	32,332	26,892	83.17
1915	4,467	709	15.90	157,571	49,008	31.48	29,499	24,875	84.33
1916	4,583	660	14.40	205,512	55,876	27.19	30,195	27,581	91.34
1917	5,207	756	14.52	243,354	55,471	22.79	37,300	29,837	79.99
1918	4,412	636	14.41	240,390	49,093	20.42	31,963	21,961	68.70
1918 (6 months)	1,675	218	12.99	87,180	18,260	20.93	20,309	12,270	60.42
1919	6,090	852	13.99	387,283	68,609	17.72	51,609	27,563	53.41
1920	13,307	1,979	14.81	926,467	79,536	8.58	63,816	33,695	52.80
1921	9,894	1,546	15.63	233,451	71,325	30.55	60,614	35,950	53.97
1922	13,174	2,373	18.02	232,941	147,969	63.52	62,415	31,789	50.93
1923	18,230	4,001	21.95	353,873	128,064	36.19	64,881	35,831	55.22
1924	18,115	4,161	22.97	337,862	135,906	40.23	67,530	33,941	50.26
1925	18,570	4,164	22.42	221,347	139,103	62.84	69,043	35,428	50.65
1926	18,004	4,307	23.92	205,659	146,591	71.28	70,789	38,076	53.79
1927	19,879	4,535	22.81	222,703	131,199	58.91	68,032	40,016	58.31
1928	16,917	4,191	24.77	174,760	118,572	67.85	62,319	39,315	63.09
1929	17,411	4,301	24.70	156,232	131,190	83.97	60,116	39,105	65.05
1930	17,140	3,557	20.75	116,844	116,809	99.97	55,152	40,141	71.49
1931	12,749	2,389	18.73	74,819	99,631	133.16	43,201	32,310	74.78
1932	7,518	1,657	22.44	45,702	76,061	166.21	27,314	22,481	82.31
1933	15,449	3,129	20.26	44,540	67,408	151.34	24,754	21,542	87.02
1934	11,156	2,357	21.13	64,945	43,706	67.30	25,235	22,486	89.10

Year	Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other beverages			Schedule 9.—Cotton manufactures		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1909	71,719	23,633	32.95	23,382	16,144	69.05	26,228	11,666	44.48
1910	84,873	25,161	29.64	25,316	18,114	71.55	28,311	13,619	48.11
1911	105,974	28,744	27.12	20,355	17,299	84.99	26,204	12,326	47.04
1912	117,711	34,146	29.01	20,731	17,410	83.98	24,358	11,085	45.51
1913	99,798	27,755	27.81	22,372	19,476	87.05	25,057	11,062	44.14
1914	122,305	24,817	20.29	21,764	19,675	90.40	32,529	9,260	28.47
1915	87,673	18,036	20.57	14,393	13,405	93.14	24,065	6,442	26.31
1916	94,635	16,164	17.08	17,330	15,551	89.73	24,245	5,969	24.62
1917	132,718	17,916	13.50	18,612	13,586	73.00	36,417	8,260	22.68
1918	125,360	14,595	11.64	10,563	7,038	66.63	30,947	6,872	22.21
1918 (6 months)	49,322	5,547	11.25	3,109	1,628	52.36	13,622	3,106	22.80
1919	161,168	15,803	9.80	2,338	1,194	51.08	33,220	7,716	23.23
1920	253,589	24,521	9.70	2,543	1,157	45.52	89,275	21,185	23.74
1921	156,497	26,206	16.75	3,197	1,515	47.37	58,414	15,242	26.09
1922	199,479	42,505	21.31	2,657	1,111	41.83	73,335	20,017	27.34
1923	236,976	61,578	25.98	1,371	613	44.67	68,207	21,946	32.18
1924	235,198	60,093	25.55	1,065	431	40.47	59,981	18,083	30.15
1925	259,917	60,568	23.30	1,161	492	42.38	49,999	15,347	30.69
1926	270,063	64,373	23.84	1,150	450	39.13	39,842	13,666	34.30
1927	284,253	64,072	22.54	1,350	465	34.44	40,461	14,561	35.99
1928	282,375	64,140	22.71	1,346	483	35.88	42,456	15,681	36.93
1929	297,161	68,055	22.90	1,571	544	34.63	42,855	15,627	36.46
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	29.53	28,653	13,595	47.44
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	80.78	22,660	10,845	47.86
1934	138,787	53,418	38.49	50,202	42,103	83.87	23,892	10,814	45.26

No. 505.—Imported Dutiable Merchandise Entered for Consumption: By Tariff Schedules—Continued

[All figures except percentages in thousands of dollars]

Year	Schedule 10.—Flax, hemp, and jute, and manufactures of [2]			Schedule 11.—Wool, and manufactures of [1]			Schedule 12.—Silks and manufactures of [2] [3]		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1909	91,210	42,145	46.21	52,814	33,365	63.17	31,001	16,284	52.53
1910	106,375	49,735	46.75	70,745	41,905	59.23	32,296	17,024	52.71
1911	99,402	47,053	47.34	48,395	28,983	59.89	30,994	16,053	51.80
1912	108,698	49,062	45.14	48,361	27,072	55.98	26,572	13,695	51.54
1913	116,587	48,912	41.95	45,336	25,833	56.98	29,224	14,812	50.68
1914	56,471	19,913	35.26	39,265	16,957	43.19	34,040	15,377	45.17
1915	30,051	8,795	29.27	30,438	9,912	32.56	23,098	9,810	42.47
1916	30,944	8,619	27.85	18,353	6,129	33.39	28,305	11,928	42.14
1917	29,130	8,209	28.19	21,184	7,081	33.43	35,124	14,655	41.72
1918	26,587	7,200	27.08	27,048	8,956	33.11	24,474	10,067	41.13
1918 (6 months)	10,873	2,682	24.67	9,827	2,962	30.14	10,749	4,308	40.07
1919	27,187	6,553	24.10	18,128	5,695	31.42	49,684	20,276	40.81
1920	52,926	13,362	25.25	49,800	16,720	33.57	55,793	21,773	39.02
1921	36,828	10,118	27.47	52,410	18,307	34.93	45,055	18,576	41.23
1922	63,505	15,999	25.19	79,956	48,225	60.31	36,653	16,622	45.35
1923	121,126	24,532	20.34	162,016	91,466	56.45	40,794	21,692	53.18
1924	117,216	26,121	22.28	123,904	62,582	50.51	33,234	17,629	53.05
1925	143,723	25,684	17.87	162,458	71,019	43.71	40,304	21,388	53.07
1926	145,168	26,737	18.42	148,187	73,965	49.91	44,138	24,074	54.54
1927	126,524	26,525	20.96	127,707	67,219	52.64	51,293	28,815	56.18
1928	135,769	25,088	18.48	115,181	57,172	49.64	48,739	27,810	57.06
1929	129,409	24,600	19.01	121,636	61,815	50.82	47,156	27,349	58.00
1930	95,570	20,571	21.52	70,357	40,877	58.10	23,073	13,418	58.16
1931	57,780	15,927	27.56	32,339	24,483	75.70	13,395	7,936	59.24
1932	37,473	11,652	31.09	15,771	13,270	84.14	4,663	2,771	59.43
1933	47,129	12,959	27.50	22,660	20,539	90.64	4,938	2,927	59.28
1934	53,547	13,271	24.78	21,648	17,187	79.39	4,450	2,573	57.82

Year	Schedule 13.—Rayon, and other synthetic textiles and manufactures of [2]			Schedule 14.—Papers and books			Schedule 15.—Sundries [2]		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1909				22,765	4,412	19.39	113,862	26,387	23.17
1910				24,833	5,285	21.28	120,594	29,134	24.16
1911				26,111	5,645	21.62	109,050	27,448	25.17
1912				22,828	4,887	21.41	108,953	26,932	24.72
1913				24,899	5,091	20.45	128,018	30,759	24.03
1914				13,999	3,114	22.25	144,588	48,539	33.57
1915				9,386	1,989	21.19	100,817	37,159	36.86
1916				6,491	1,258	19.38	123,485	39,496	31.98
1917				8,036	1,682	20.92	134,558	40,286	29.94
1918				6,368	1,185	18.60	106,803	30,568	28.62
1918 (6 months)				2,759	460	16.67	44,035	12,653	28.73
1919				6,797	1,106	16.27	206,447	54,433	26.37
1920				10,488	1,749	16.68	233,908	68,704	29.37
1921				8,902	1,672	18.78	165,192	54,222	32.82
1922				12,806	2,776	21.67	197,513	65,370	33.09
1923				19,217	4,667	24.29	226,319	86,647	38.29
1924				18,729	4,813	25.70	215,846	86,895	40.17
1925				18,682	4,416	23.60	217,279	83,288	38.33
1926				21,463	5,241	24.42	229,078	86,448	37.74
1927				22,138	5,417	24.47	226,117	88,624	39.19
1928				25,910	7,881	30.42	215,657	81,810	37.94
1929				24,089	6,099	25.32	241,030	90,509	37.55
1930				19,428	5,024	25.86	174,513	65,156	37.34
1931	3,854	2,377	61.67	12,927	3,361	25.99	144,310	55,011	38.12
1932	2,084	1,250	59.98	8,187	2,183	26.66	95,189	38,518	40.46
1933	3,432	1,722	50.18	8,497	2,221	26.14	118,432	42,406	35.81
1934	1,270	808	63.62	9,482	2,348	24.76	117,794	41,547	35.27

[1] Laces, embroideries, etc., of flax, wool, silk, and rayon are included in Schedule 15, beginning 1914.
[2] Schedules 12 and 13 prior to 1931.

No. 506.—VALUE OF PRINCIPAL ARTICLES

NOTE.—Specie values for all years through 1932, except export figures for 1865 and 1870–78, which are mixed Figures are for fiscal years ended Sept. 30, through 1840, and June 30, 1850, through 1915; calendar years

[All figures in thou

Year or yearly average	Meat products	Animal fats and oils [1]	Leather	Rye (including flour)	Wheat (including flour)	Oil cake and meal	Fruits and nuts	Rubber and manufactures	Naval stores, gums, and resins	Tobacco, unmanufactured
1821	------	------	------	------	4,476	------	------	------	315	5,649
1830	------	------	------	------	6,132	------	24	------	356	5,586
1840	------	------	------	------	11,779	------	55	------	656	9,884
1850	------	------	------	------	7,742	------	25	------	1,372	9,051
1860	8,080	6,200	693	------	19,525	1,609	206	241	3,886	15,907
1865	20,696	14,473	669	169	46,905	2,267	415	291	343	41,625
1870	11,630	9,909	111	217	68,341	3,419	543	186	3,277	21,100
1871–1875	33,937	25,773	3,785	710	82,188	4,195	1,138	212	5,192	24,475
1876–1880	66,660	35,496	7,256	2,194	133,946	5,268	1,831	262	4,511	23,580
1881–1885	69,344	37,402	7,374	2,185	157,600	6,551	2,893	560	6,364	19,407
1886–1890	59,734	35,168	9,167	380	106,331	7,143	3,724	857	6,009	23,085
1891–1895	82,184	51,133	11,931	2,570	147,211	8,565	4,075	1,450	7,536	22,896
1896–1900	100,858	53,369	18,703	4,075	148,176	12,300	8,394	2,280	9,934	25,269
1901–1905	110,948	70,933	24,019	1,311	131,029	19,470	14,778	4,605	13,898	29,801
1906–1910	93,563	87,326	31,234	989	117,768	23,472	16,531	7,831	19,438	33,180
1911–1915	81,315	83,806	44,656	3,613	172,788	25,570	31,865	13,362	21,852	46,064
1915–1920 [2]	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	30,003	22,379	164,596
1926–1930	77,988	116,071	47,431	14,767	230,647	24,392	122,234	67,366	30,266	144,549
1891	81,965	51,011	12,023	230	106,126	7,452	2,435	1,236	8,192	21,034
1892	84,048	48,841	10,518	11,455	236,761	9,713	6,626	1,416	7,990	20,670
1893	80,842	50,967	10,695	1,013	169,029	9,689	3,919	1,609	7,287	22,892
1894	81,698	57,311	12,779	136	128,679	8,807	2,424	1,472	6,791	24,085
1895	82,369	47,534	13,640	17	95,458	7,166	4,972	1,517	7,420	25,799
1896	82,387	48,719	17,765	456	91,735	7,950	5,679	1,969	8,844	24,571
1897	90,017	42,590	16,431	3,675	115,835	9,611	7,739	1,927	9,215	24,711
1898	105,984	54,771	17,796	8,838	214,948	12,582	9,013	2,058	9,155	22,172
1899	110,410	60,529	19,725	5,951	177,363	14,549	7,897	2,321	9,983	25,467
1900	116,494	62,187	21,797	1,457	140,998	16,806	11,643	3,124	12,474	29,422
1901	123,367	68,226	21,321	1,333	166,231	18,724	10,827	3,659	12,587	27,656
1902	122,912	72,985	22,350	1,500	178,537	19,943	8,719	4,032	11,734	27,104
1903	108,199	72,258	23,514	3,157	161,552	19,839	18,058	4,674	12,919	35,251
1904	103,229	71,040	24,852	452	104,745	17,069	20,679	5,149	16,145	29,641
1905	99,035	70,158	28,058	21	44,082	21,777	15,607	5,509	16,107	29,801
1906	114,670	92,110	29,317	925	87,864	23,992	15,274	6,544	20,076	28,808
1907	107,571	94,098	32,058	573	122,390	26,416	17,588	7,429	21,687	33,377
1908	102,045	92,076	26,970	2,201	163,907	21,867	14,339	7,574	21,642	34,727
1909	81,773	86,575	30,413	1,064	119,252	25,836	16,508	7,433	15,101	30,903
1910	61,758	71,769	37,414	184	95,428	19,251	18,886	10,176	18,682	38,115
1911	66,391	85,665	37,200	27	71,427	19,631	24,498	12,453	25,023	39,255
1912	71,874	85,512	41,798	22	79,477	28,229	30,964	12,823	26,755	43,252
1913	68,018	88,573	42,384	1,282	142,208	29,444	37,079	14,325	26,471	49,364
1914	68,443	80,562	36,669	1,586	142,408	21,663	31,850	12,441	19,882	53,964
1915	131,850	78,720	65,229	15,150	428,422	28,879	34,933	14,768	11,127	44,494
1915 (6 mos.) [4]	90,466	33,808	42,079	7,556	146,718	14,978	22,549	15,841	5,430	30,454
1916	198,000	85,002	100,498	19,380	313,240	33,253	37,345	33,034	16,289	62,333
1917	273,908	99,666	80,817	27,960	384,272	15,810	35,332	34,788	14,401	45,574
1918	667,527	181,421	55,127	31,065	505,266	2,785	32,373	31,501	10,236	122,918
1919	697,707	326,200	218,784	74,211	650,351	36,041	126,265	53,866	31,434	259,986
1920	279,270	191,587	108,876	125,878	821,448	18,012	84,390	85,437	34,503	245,532
1921	157,122	140,406	31,787	44,589	550,752	24,489	70,157	30,786	11,449	205,133
1922	140,175	116,263	45,471	48,075	291,821	19,898	75,864	34,009	18,510	146,489
1923	153,677	157,505	42,834	29,021	204,641	19,831	68,619	36,972	24,820	153,439
1924	121,156	157,994	40,188	40,204	328,324	27,590	97,689	40,622	25,309	164,130
1925	127,033	148,257	62,155	37,484	233,784	31,666	102,015	52,630	31,809	153,787
1926	106,837	134,626	49,815	12,379	284,872	26,458	111,797	60,733	36,865	136,919
1927	71,011	115,676	54,003	39,913	324,836	30,186	121,665	70,691	34,335	139,667
1928	67,722	118,831	55,178	17,567	193,743	27,198	129,324	69,545	26,433	154,466
1929	78,756	123,609	42,943	3,698	192,292	28,414	137,467	76,953	30,998	146,083
1930	65,612	87,612	35,468	278	157,494	9,706	110,916	58,906	22,698	145,609
1931	35,653	60,377	25,612	101	84,227	11,181	109,329	36,711	14,304	110,780
1932	18,967	37,819	13,150	560	51,144	6,715	77,320	16,364	11,587	65,901
1933	25,507	40,327	13,779	24	18,592	8,646	69,657	17,820	14,714	82,924
1934	35,168	31,333	15,807	5	27,086	5,948	74,210	21,761	14,489	125,064

[1] Excludes "lard compounds" beginning 1921; now classified as "vegetable cooking fats."
[2] Includes semimanufactures.

OF UNITED STATES MERCHANDISE EXPORTED

gold and currency values. Since 1932, all figures represent current dollar values. See general note, p. 416. thereafter. In some cases blanks represent entire absence of trade; in other cases the item was not segregated

sands of dollars]

Cotton, unmanufactured	Cotton manufactures[2]	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	Year or yearly average
20,157	------	1,513	------	------	------	------	27	------	------	1821.
29,675	1,318	1,650	426	------	------	------	37	------	------	1830.
63,870	3,550	2,072	921	------	------	------	87	------	------	1840.
71,985	4,734	2,545	2,279	167	------	------	105	------	------	1850.
191,807	10,935	3,884	6,148	741	------	------	1,664	------	------	1860.
6,836	3,452	7,020	11,261	1,371	15,766	1,190	1,545	7,222	------	1865.
227,028	3,787	4,660	7,886	1,306	32,669	539	1,042	5,783	------	1870.
205,624	3,196	6,749	9,108	2,538	36,913	1,115	749	8,373	------	1871–1875.
183,530	10,047	7,840	7,924	2,474	43,808	1,185	2,564	8,357	------	1876–1880.
218,763	12,693	11,796	9,347	4,077	47,753	1,322	3,951	13,552	------	1881–1885.
224,614	12,423	13,376	8,846	5,747	51,151	1,922	7,309	13,662	------	1886–1890.
230,743	13,354	14,782	9,694	10,184	49,344	3,241	14,392	22,061	------	1891–1895.
220,894	20,494	22,300	13,863	14,005	68,766	20,438	36,745	50,125	------	1896–1900.
335,443	31,333	34,447	17,413	26,121	82,260	32,759	54,942	77,958	------	1901–1905.
437,582	35,141	50,754	21,075	38,825	103,803	54,297	92,334	113,983	6,292	1906–1910.
537,044	52,525	61,379	24,687	58,648	137,058	96,313	123,655	168,897	35,805	1911–1915.
768,361	214,697	60,630	36,556	151,590	347,396	491,191	208,909	354,216	157,775	1915–1920.[3]
804,985	133,052	85,078	30,846	131,112	405,051	166,776	129,761	320,348	177,164	1921–1925.
765,674	124,079	100,571	36,857	121,800	524,364	170,666	149,999	492,617	405,121	1926–1930.
290,713	13,605	14,887	9,042	8,434	55,741	3,189	11,875	21,110	------	1891.
258,461	13,226	14,721	9,056	8,761	48,771	2,871	13,263	21,475	------	1892.
188,771	11,809	14,851	9,499	10,185	46,658	3,358	9,117	21,809	------	1893.
210,869	14,341	14,463	10,561	12,093	45,320	3,340	22,133	21,687	------	1894.
204,901	13,790	14,989	10,313	11,445	50,230	3,446	15,573	24,224	------	1895.
190,056	16,837	17,315	11,836	11,146	66,790	4,692	21,754	29,313	------	1896.
230,891	21,038	22,038	13,042	11,556	67,592	10,782	33,681	37,738	------	1897.
230,442	17,024	20,303	13,393	12,293	62,156	18,973	33,005	44,438	------	1898.
210,090	23,567	23,591	13,939	14,294	63,078	29,207	36,424	61,117	------	1899.
242,989	24,003	28,614	16,506	20,737	84,214	38,534	58,862	78,020	------	1900.
315,105	20,272	32,370	15,415	23,751	77,970	40,455	44,614	73,489	------	1901.
291,598	32,108	27,546	16,330	22,486	81,162	25,686	43,820	67,510	949	1902.
317,065	32,216	33,681	19,110	23,119	76,665	21,418	40,595	76,202	1,207	1903.
372,049	22,404	42,106	18,256	30,044	87,920	30,832	58,119	83,841	1,896	1904.
381,399	49,666	36,533	17,956	31,387	87,582	45,402	87,564	88,748	2,481	1905.
401,006	52,944	44,115	20,511	30,652	92,850	51,183	83,179	108,379	3,497	1906.
481,278	32,305	58,237	20,969	37,741	93,887	55,451	96,601	125,255	5,502	1907.
437,788	25,178	53,839	22,825	42,074	112,857	57,820	105,873	120,581	5,278	1908.
417,391	31,879	44,213	19,379	40,069	112,446	46,630	86,708	98,983	5,992	1909.
450,447	33,397	53,368	21,193	43,590	106,977	60,403	89,309	116,718	11,190	1910.
585,319	40,852	62,947	24,384	48,314	105,494	78,790	104,908	151,205	15,509	1911.
565,849	50,770	66,811	25,667	55,587	122,789	102,385	117,083	160,645	26,435	1912.
547,357	51,510	76,955	30,764	68,416	149,256	124,222	143,124	194,738	32,982	1913.
610,475	49,246	70,095	26,326	62,711	161,085	90,920	151,472	167,909	34,591	1914.
376,218	70,247	30,085	16,296	58,211	146,668	85,247	101,690	119,990	69,510	1915.
157,548	48,714	19,083	9,959	37,236	83,264	100,894	70,083	94,935	59,647	1915 (6 mos.).[4]
545,229	127,052	33,081	20,818	72,500	220,089	375,975	236,859	278,071	123,064	1916.
575,304	157,267	40,302	26,602	118,956	273,906	644,924	362,871	355,658	124,476	1917.
674,123	179,106	54,121	28,095	119,742	369,542	632,219	206,732	209,951	100,889	1918.
1,137,371	270,235	76,884	51,239	125,505	374,530	449,939	130,790	361,900	156,426	1919.
1,136,409	398,458	110,013	64,347	359,805	589,348	497,601	141,717	587,671	303,262	1920.
534,242	115,539	52,532	28,040	170,983	399,871	236,126	97,898	408,465	83,749	1921.
673,250	136,679	67,890	24,485	95,562	344,255	136,218	103,874	233,943	103,202	1922.
807,103	136,188	103,378	33,347	166,014	365,625	167,065	129,220	281,562	170,612	1923.
950,581	130,687	101,999	32,248	115,966	442,554	150,369	156,646	310,576	209,872	1924.
1,059,751	146,167	99,589	36,109	107,035	472,952	144,102	161,166	367,206	318,386	1925.
814,429	128,768	97,444	37,884	203,884	554,534	174,101	141,204	399,541	320,179	1926.
826,306	133,186	107,574	38,089	109,687	485,903	160,547	150,214	434,033	388,528	1927.
920,008	134,642	108,798	37,525	99,515	525,853	179,647	169,831	492,697	501,594	1928.
770,830	135,115	110,637	40,938	106,151	561,191	200,143	183,404	606,789	541,396	1929.
496,798	88,684	78,402	29,849	89,762	494,339	138,893	105,342	515,540	279,127	1930.
325,667	60,070	45,070	19,177	64,542	270,500	63,188	54,748	316,831	148,125	1931.
345,164	45,524	26,281	9,784	44,543	208,381	28,855	21,237	131,663	76,255	1932.
398,212	39,351	32,275	11,576	40,409	200,016	45,531	24,918	132,528	90,630	1933.
372,755	43,461	42,777	13,704	56,884	227,537	88,678	49,765	218,356	190,216	1934.

[3] Average for period July 1, 1915, to Dec. 31, 1920.
[4] July to December.

No. 507.—VALUE OF PRINCIPAL COMMODITIES

NOTE.—Specie values through 1932; current dollar values thereafter. See general note, p. 416. Figures "imports for consumption." Figures cover fiscal years ended Sept. 30 through 1840, and June 30, 1850, cases the item was not segregated

[All figures in thou

Year or yearly average	Hides and skins	Furs, and manufactures [1]	Fruits and nuts	Vegetable oils, expressed, and fats	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	-------
1865	4,550	2,309	2,265	634	11,242	27,326	1,223	552	9,224	-------
1870	14,402	2,236	7,417	2,153	24,235	56,924	3,460	2,534	23,380	-------
1871–1875	16,649	3,704	10,987	1,097	43,737	76,754	5,391	4,725	31,263	-------
1876–1880	18,237	4,680	11,486	1,230	54,011	73,678	5,998	4,000	22,118	-------
1881–1885	25,179	7,286	17,880	1,697	48,257	87,906	12,732	6,188	31,739	-------
1886–1890	24,373	7,161	19,584	1,898	62,504	83,614	13,791	11,176	28,858	4,552
1891–1895	25,208	9,707	21,322	3,025	98,220	105,946	17,763	12,810	29,482	5,825
1896–1900	39,075	9,224	17,661	3,716	67,830	88,795	24,506	11,355	33,694	8,021
1901–1905	56,206	15,003	23,034	7,350	69,450	77,440	34,823	16,743	47,839	14,368
1906–1910	82,519	21,469	33,692	14,002	73,496	92,286	60,687	24,905	67,851	22,730
1911–1915	102,967	19,341	43,033	26,554	108,970	118,240	82,736	31,576	63,049	30,749
1916–1920 [4]	201,517	47,620	61,755	84,402	165,205	303,906	192,149	51,012	65,816	62,591
1921–1925	93,067	80,552	75,499	59,652	205,792	295,389	192,922	64,331	36,568	60,406
1926–1930	118,003	114,785	84,868	81,940	281,707	207,318	294,428	57,018	63,627	72,250
1891	27,931	9,829	25,983	2,198	96,124	105,728	17,856	13,284	29,713	5,566
1892	26,850	10,197	20,944	3,116	128,042	104,409	19,718	10,332	28,324	7,064
1893	28,348	10,568	23,687	3,646	80,436	116,256	17,809	14,703	33,638	6,154
1894	16,786	7,620	18,755	2,641	90,315	126,872	15,078	10,985	22,440	4,567
1895	26,123	10,322	17,240	3,522	96,131	76,463	18,353	14,746	33,297	5,789
1896	30,520	9,303	19,032	3,664	84,793	89,220	16,603	16,503	32,643	6,447
1897	27,863	6,015	17,127	3,487	81,544	99,006	17,458	9,584	34,601	9,243
1898	37,069	7,881	14,567	3,358	65,068	60,473	25,386	7,489	27,420	5,671
1899	41,988	10,861	18,314	3,609	55,275	94,964	31,708	9,900	32,265	8,138
1900	57,936	12,060	19,264	4,462	52,468	100,251	31,377	13,297	41,541	10,606
1901	48,220	11,020	19,587	4,688	62,861	90,488	28,455	16,290	40,436	12,606
1902	58,007	15,624	21,481	6,626	70,982	55,061	24,899	15,212	44,956	15,532
1903	58,032	15,302	23,727	9,487	59,201	72,089	30,437	17,235	53,269	14,378
1904	52,006	14,763	24,436	7,829	69,552	71,916	40,444	16,939	50,370	14,631
1905	64,764	18,306	25,937	8,119	84,654	97,645	49,878	18,039	50,162	14,693
1906	83,882	21,856	28,916	9,688	73,256	85,460	45,114	22,448	64,399	20,084
1907	83,207	21,884	35,565	11,600	78,232	92,806	58,920	26,055	74,747	20,114
1908	54,770	15,918	36,874	12,369	67,088	80,258	36,613	22,370	68,825	23,225
1909	78,487	21,087	30,444	14,622	79,112	96,555	61,710	25,401	63,232	19,780
1910	112,248	26,598	36,661	21,639	69,194	106,349	101,079	27,751	68,053	21,448
1911	70,505	23,619	39,978	28,071	90,568	96,691	76,245	27,856	67,004	21,104
1912	102,476	24,986	42,567	25,157	117,827	115,515	93,013	31,919	65,175	24,369
1913	117,386	24,102	41,091	25,191	118,963	103,640	90,170	35,919	66,087	37,774
1914	120,290	13,836	51,026	30,650	110,725	101,486	71,220	35,029	70,723	42,421
1915	104,177	10,162	40,504	23,699	106,766	173,867	83,030	27,157	46,258	28,089
1915 (6 mos.) [5]	67,579	8,940	20,895	10,984	54,394	67,425	58,558	9,384	20,767	15,800
1916	172,603	21,060	44,749	40,081	118,813	227,319	159,745	26,856	54,609	39,089
1917	209,730	29,038	44,744	66,307	122,607	221,990	233,221	33,472	55,675	53,704
1918	108,044	34,194	48,722	111,312	99,423	241,390	146,378	54,080	40,701	80,279
1919	306,510	76,278	78,991	127,833	261,270	393,171	215,820	75,146	52,652	66,022
1920	243,878	92,399	101,551	108,026	252,451	1,015,188	242,796	81,630	137,583	89,359
1921	67,561	40,526	73,532	39,880	142,809	235,287	73,773	54,172	75,430	41,377
1922	107,039	68,614	72,499	59,042	160,854	251,905	101,843	66,000	87,070	49,256
1923	118,917	88,562	70,463	64,686	190,232	380,090	185,060	57,158	100,153	66,972
1924	75,052	88,299	72,335	59,667	248,828	363,656	174,231	75,362	90,914	59,396
1925	96,764	116,755	88,664	74,985	286,235	240,008	429,705	71,464	79,271	85,028
1926	96,811	119,650	87,560	79,060	322,746	232,534	505,818	60,570	67,159	82,238
1927	112,346	138,025	84,721	78,659	264,275	258,163	339,859	74,617	66,197	67,249
1928	150,810	121,711	89,667	77,919	309,644	207,048	244,855	55,160	69,295	80,087
1929	137,281	125,853	86,898	100,662	302,397	209,277	240,966	53,821	66,264	77,377
1930	92,268	68,686	75,496	73,402	209,472	129,566	140,642	40,922	46,219	54,300
1931	50,302	55,860	60,008	47,977	174,904	112,780	73,803	37,088	40,654	28,757
1932	22,493	28,495	44,270	29,264	136,812	96,718	32,538	23,027	27,902	16,908
1933	45,679	38,109	37,388	34,648	124,137	107,642	45,868	21,508	32,026	24,430
1933 [6]	*45,542*	*37,447*	*37,478*	*34,286*	*124,137*	*104,935*	*45,868*	*24,582*	*30,869*	*24,484*
1934	35,260	40,664	45,665	34,698	133,154	117,615	101,573	25,131	31,910	27,528

[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.

IMPORTED INTO THE UNITED STATES

represent "general imports" through 1933, except 1933 figures in italics; the latter and figures for 1934 are through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other

sands of dollars]

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	Year or yearly average
	7, 239				58		233	149		1821.
97	5, 901	119			170		807	108		1830.
846	10, 808	234			70		1, 653	229		1840.
1, 690	19, 021	386			432		2, 418	674	92	1850.
4, 843	43, 142	1, 236			497		1, 630	1, 158	526	1860.
7, 734	21, 929	1, 194			372		1, 144	591	590	1865.
6, 743	34, 491	3, 018			1, 100		656	2, 043	2, 192	1870.
15, 150	47, 763	5, 237	7, 542		1, 822		1, 495	3, 136	2, 383	1871–1875.
10, 506	28, 482	7, 543	4, 017		1, 359		672	2, 927	2, 251	1876–1880.
10, 003	37, 946	12, 545	8, 076		1, 838		525	4, 963	4, 677	1881–1885.
10, 459	48, 638	19, 380	8, 603		2, 325		470	7, 095	4, 723	1886–1890.
18, 129	34, 531	21, 806	9, 194	1, 851	3, 149		896	7, 687	6, 240	1891–1895.
20, 212	29, 496	30, 514	7, 707	1, 107	2, 882		5, 866	10, 604	7, 043	1896–1900.
24, 687	17, 429	44, 815	12, 147	3, 027	3, 539		22, 611	21, 550	14, 892	1901–1905.
40, 132	21, 285	66, 202	21, 112	7, 729	6, 708		38, 026	30, 244	27, 046	1906–1910.
42, 664	22, 777	80, 079	21, 884	16, 254	12, 952	8, 077	46, 129	41, 493	39, 631	1911–1915.
170, 173	26, 852	213, 900	45, 592	42, 814	47, 214	30, 363	103, 805	73, 739	67, 142	1915–1920.[4]
102, 369	64, 592	348, 123	68, 410	67, 002	105, 239	90, 793	77, 811	59, 225	56, 865	1921–1925.
78, 790	69, 295	368, 232	56, 703	80, 044	151, 219	131, 900	108, 244	89, 058	67, 538	1926–1930.
18, 231	41, 060	17, 995	10, 077	1, 903	3, 031		730	7, 978	5, 950	1891.
19, 688	35, 506	24, 321	9, 606	1, 820	3, 342		1, 146	8, 668	6, 007	1892.
21, 064	38, 049	29, 056	10, 739	2, 909	3, 881		944	12, 359	6, 157	1893.
6, 107	19, 439	15, 626	8, 289	1, 665	2, 628		861	2, 641	5, 749	1894.
25, 556	38, 540	22, 029	7, 259	958	2, 864		801	6, 787	7, 336	1895.
32, 451	53, 494	20, 247	8, 527	1, 053	3, 169		1, 530	6, 762	7, 161	1896.
53, 243	40, 163	18, 497	9, 095	801	3, 122		1, 626	6, 536	5, 785	1897.
16, 784	14, 824	31, 447	5, 068	602	2, 839		3, 869	8, 776	6, 811	1898.
8, 323	13, 833	31, 827	6, 015	672	2, 392		6, 817	11, 843	5, 949	1899.
20, 261	16, 104	44, 550	9, 829	2, 406	2, 890		15, 490	19, 104	9, 509	1900.
12, 530	14, 585	29, 354	8, 636	1, 586	3, 055		20, 582	19, 806	11, 525	1901.
17, 712	17, 384	41, 714	12, 015	2, 059	3, 170		25, 063	19, 462	11, 741	1902.
22, 153	19, 546	49, 003	13, 922	3, 388	3, 483		20, 891	23, 619	15, 087	1903.
24, 814	17, 734	44, 462	12, 027	3, 603	3, 868		21, 682	21, 486	16, 812	1904.
46, 226	17, 894	59, 543	14, 137	4, 501	4, 117		24, 835	23, 378	19. 294	1905.
39, 068	23, 081	52, 856	19, 367	4, 585	4, 793		32, 563	30, 033	22, 761	1906.
41, 534	22, 321	70, 230	20, 959	6, 349	6, 759		47, 725	38, 117	25, 998	1907.
23, 665	19, 388	63, 666	20, 257	7, 313	7, 312	584	31, 520	25, 295	24, 237	1908.
45, 172	18, 102	78, 831	20, 900	8, 629	7, 183	556	38, 076	26, 007	26, 616	1909.
51, 221	23, 532	65. 425	24, 079	11, 768	7, 491	962	40, 245	30, 870	35, 620	1910.
23, 228	18, 570	72, 714	20, 761	13, 980	8, 224	2, 578	39, 682	37, 936	41, 353	1911.
33, 078	14, 913	67, 173	19, 794	14, 219	7, 273	4, 006	45, 217	46, 214	38, 900	1912.
35, 580	16, 318	82, 148	23, 098	16, 165	12, 169	9, 721	59, 580	53, 113	41, 383	1913.
53, 191	34, 204	97, 828	22, 312	17, 023	18, 244	13, 993	54, 506	39, 422	46, 381	1914.
68, 243	29, 791	80, 532	23, 453	19, 881	18, 849	10, 087	31, 661	30, 778	30, 139	1915.
43, 363	7, 461	63, 302	16, 231	8, 567	9, 858	5, 985	27, 992	21, 422	15. 950	1915(6mos.).
125, 524	16, 471	144, 757	30, 497	26, 986	24, 611	14, 398	95, 335	55, 836	43, 859	1916.
171, 557	23, 343	184, 283	35, 694	41, 979	42, 031	21, 243	137, 787	68, 372	66, 731	1917.
251, 773	22, 809	180, 210	41, 960	31, 477	48, 214	26, 232	133, 525	104, 589	95, 995	1918.
216, 765	19, 486	329, 339	50, 314	37, 048	54, 452	32, 414	86, 271	62, 762	31, 894	1919.
126, 972	58, 116	284, 891	76, 057	89, 418	80, 510	66, 724	90, 019	92, 582	114, 350	1920.
60, 482	51, 218	259, 054	44, 492	39, 396	88, 330	77, 715	45, 785	22, 319	30, 688	1921.
80, 546	59, 414	365, 787	63, 844	63, 292	85, 334	88, 485	66, 829	46, 302	45, 123	1922.
129, 711	69, 118	391, 908	82, 022	74, 744	116, 659	78, 713	95, 988	63, 261	63, 918	1923.
93, 151	69, 310	327, 582	72, 942	75, 743	117, 673	101, 357	96, 184	69, 024	66, 531	1924.
141, 957	73, 900	396, 286	78, 150	81, 834	119, 201	107, 694	84, 270	95, 219	78, 072	1925.
106, 721	70, 667	392, 760	74, 579	91, 231	139, 499	124, 556	99, 742	104, 980	69. 239	1926.
82, 933	78, 775	390, 365	64, 004	85, 842	149, 365	113, 434	84, 963	100, 944	58, 842	1927.
79, 801	78, 391	367, 997	54, 885	83, 464	156, 407	132, 842	98, 187	87, 052	78, 118	1928.
87, 344	78, 501	427, 126	54, 160	88, 573	163, 365	143, 558	153, 710	91, 905	72, 340	1929.
37, 092	40, 142	202, 913	35, 889	81, 109	147, 461	145, 116	104, 616	60, 411	59, 151	1930.
22, 372	22, 905	191, 290	20, 319	60, 887	125, 623	92, 741	48, 744	36, 731	44, 733	1931.
6, 029	12, 699	113, 882	10, 913	46, 903	94, 135	60, 630	23, 736	6, 478	18, 680	1932.
21, 457	16, 278	102, 536	12, 282	57, 369	77, 447	25, 887	17, 554	51, 199	24, 574	1933
18, 547	*15, 564*	*102, 536*	*12, 251*	*57, 369*	*77, 894*	*25, 693*	*14, 834*	*51, 262*	*24, 674*	*1933.*[5]
16, 784	14, 662	71, 764	11, 772	61, 825	86, 520	36, 521	27, 786	44, 802	26, 029	1934.

[4] Average for period July 1, 1915, to Dec. 31, 1920.
[5] July to December.
[6] Imports for consumption; see headnote.

No. 508.—EXPORTS OF UNITED STATES MERCHANDISE BY COMMODITY GROUPS AND ARTICLES

NOTE.—See general note, p. 416. Data are for calendar years. Figures for 1921–25 and 1926–30 are annual averages. For a number of items data are not shown separately for all years from 1921–30, and for this reason many averages, for 2, 3, and 4 years are shown in the table. Averages shown for group totals, however, always cover 5 years. In some cases the detail does not add to the total because of the different periods covered by the averages. Blanks indicate no data or data not shown separately

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
Total exports of domestic merchandise							4,310,221	4,687,788	2,377,962	1,576,151	1,647,220	2,100,135
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total							340,032	233,340	117,393	69,474	75,389	82,379
A. Animals, edible							6,698	1,981	546	383	383	527
Cattle for breeding—number	97,292	5,552	2,377	1,656	1,443	1,647	4,985	622	320	129	136	170
Other cattle—do		7,885	1,727	1,958	1,469	8,321		319	79	87	56	194
Hogs (swine)—do	83,472	32,936	1,228	11,078	14,207	3,052	1,188	558	20	112	143	45
Sheep and goats[c]—do	36,407	12,233	2,436	4,123	676	6,265	275	180	31	9	13	89
Poultry, live—1,000 lbs	[1] 629	523	165	50	50	49	[1] 312	302	96	31	36	29
B. Meat products—do	838,927	425,286	253,305	191,013	231,439	251,393	139,833	77,988	35,653	18,967	25,507	35,168
Beef and veal—												
Fresh or frozen—do	4,725	2,408	2,083	1,633	2,898	5,460	779	503	444	293	370	735
Pickled or cured—do	23,339	13,876	13,022	9,868	12,734	13,940	2,342	1,591	929	629	707	824
Horse meat, pickled or cured—do			7,421	4,021	2,695	2,008			563	264	204	199
Pork:												
Carcasses, fresh or frozen—do	38,075	2,420	224	131	698	1,535	5,959	370	26	11	57	136
Loins and other fresh pork—do		10,845	9,323	8,002	13,712	35,223		1,966	1,344	698	1,330	3,905
Hams and shoulders, cured [1a]—do	296,758	135,289	84,885	65,218	78,579	65,104	53,709	28,478	13,078	6,737	8,663	9,625
Bacon—do	345,934	119,990	36,692	18,173	20,397	18,182	52,083	19,231	4,351	1,340	1,530	1,667
Cumberland and Wiltshire sides [1a]—do		10,653	1,716	784	1,193	439		2,038	219	62	114	58
Other pork, pickled or salted—do	33,785	33,427	15,789	15,259	16,608	18,385	4,301	4,860	1,576	1,031	1,044	1,356
Mutton and lamb—do	2,835	1,044	550	259	321	594	512	230	108	42	47	98
Sausage, not canned—do	7,686	3,807	2,618	2,037	2,632	2,450	2,106	1,115	638	366	458	458
Canned meats—do	[1] 15,911	16,418	15,342	11,420	13,499	16,362	5,551	5,752	5,025	2,358	2,982	5,298
Beef—do	2,807	2,323	1,478	1,003	1,202	2,484	710	838	481	244	289	811
Pork—do	2,898	8,865	11,246	8,713	10,847	11,675	927	3,313	3,852	1,795	2,414	4,026
Sausage—do	2,950	2,634	1,006	910	922	1,371	846	817	251	191	192	311
Other canned meat—do	[1] 7,538	2,596	1,612	794	528	833	3,069	785	441	128	87	150
Poultry and game, fresh—do	[1] 5,152	3,318	2,757	1,258	2,429	2,300	1,445	1,015	736	277	412	431
Other meats (including edible offal)—do	[1] 46,320	39,157	35,215	28,038	31,854	32,111	4,435	4,260	3,196	1,931	2,274	3,018
Sausage casings:												
Hog casings—do	29,927	32,632	11,004	9,701	11,882	11,220	6,610	6,578	2,004	1,567	2,851	4,187
Beef casings—do			12,701	13,621	18,301	24,824			1,094	1,121	2,155	2,673
Other casings—do			1,961	1,589	1,006	1,248			323	240	309	499
C. Animal oils and fats, edible—do	1,035,892	835,262	643,595	612,157	649,054	473,555	136,146	109,210	56,631	35,886	37,456	28,699
Oleo oil—do	105,534	72,631	47,323	42,409	33,783	20,713	12,770	8,607	3,309	2,491	1,887	1,321
Oleo stock—do	[1] 12,970	9,346	7,924	7,075	8,633	5,979	[1] 1,484	1,059	539	394	482	409

Tallow	do	26,356	5,977	2,665	2,511	6,839	7,347	2,126	507	171	113	319	336
Lard, including neutral lard—													
Lard	do	860,840	722,360	568,708	546,202	579,132	431,237	115,602	95,660	51,069	31,885	34,098	26,096
Neutral lard	do	22,959	18,867	9,588	5,951	5,107	3,654	3,351	2,671	929	386	334	242
Oleo stearin	do	[1] 8,353	5,183	6,842	7,534	6,273	4,255	[1] 926	565	540	364	306	256
Oleomargarine of animal or vegetable fats	1,000 lbs	2,144	900	547	474	288	369	367	141	74	53	30	39
D. Dairy products								30,100	17,447	11,024	6,072	4,021	5,195
Milk and cream:													
Fresh and sterilized	1,000 gals	[1] 112	124	101	36	36	59	166	77	70	33	27	50
Condensed (sweetened)	1,000 lbs	62,962	36,669	19,324	11,502	4,725	8,202	9,559	5,791	3,306	1,789	569	1,014
Evaporated (unsweetened)	do	142,143	70,086	55,761	39,305	32,365	27,963	13,687	7,075	4,609	2,526	1,940	2,385
Dried	do	5,450	4,314	12,790	3,558	2,450	3,120	862	1,114	1,538	692	571	623
Butter	do	7,680	4,080	1,984	1,605	1,191	1,220	3,149	1,877	637	391	280	314
Cheese	do	7,720	2,904	1,673	1,408	1,281	1,377	1,936	836	375	258	236	269
Infants' foods, malted milk, etc	do	[1] 2,258	2,389	1,698	1,450	1,452	1,707	742	677	490	383	397	539
E. Fish								17,961	19,941	11,380	7,657	7,376	12,003
Fresh—													
Salmon	1,000 lbs	[1] 4,319	3,305	3,989	5,299	5,754	7,928	466	523	534	484	546	765
Other	do	11,987	4,664	5,075	3,628	2,744	2,848	770	444	421	202	207	225
Shellfish, not canned—													
Oysters, fresh in the shell	do	[1] 4,365	7,323	9,035	6,972	2,902	3,293	844	1,094	1,034	632	97	109
Oysters, fresh, shucked, frozen, or in ice	1,000 lbs					1,265	1,535					152	185
Shrimp, fresh, frozen, or in ice	do					1,853	1,522					177	157
Shrimp, dried	do					1,647	1,643					266	269
Other shellfish, fresh, frozen, in ice, or dried	1,000 lbs					129	225					14	21
Fish, salted, smoked, or dry-cured—													
Salmon	do	[1] 1,326	2,866	3,636	1,470	779	514	[1] 275	656	375	157	108	73
Cod	do	[1] 5,587	3,181	1,021	890	647	589	[1] 613	357	109	94	58	59
Other	do	12,601	5,575	3,086	1,865	990	1,043	950	432	206	103	47	66
Fish, pickled—													
Salmon	barrels of 200 lbs	22,791	10,014	4,718	9,666	9,709	7,754	1,124	517	198	281	268	296
Other	do	12,442	6,478	13,738	6,424	5,440	2,740	167	89	85	57	43	30
Fish, canned—													
Salmon	1,000 lbs	58,815	40,193	24,222	32,610	26,539	49,066	8,671	7,003	4,040	3,585	3,290	6,676
Sardines	do	[1] 41,924	91,625	53,247	26,645	25,641	33,146	[1] 3,570	7,205	3,446	1,542	1,387	1,937
Mackerel	do		[2] 2,596	1,550	1,409	1,969	4,704		[2] 191	111	79	93	219
Shellfish	do	[1] 4,588	4,135	3,126	2,234	3,482	4,010	659	857	565	321	513	652
Other canned fish	do		4,834	783	469	320	1,278	596	534	119	67	47	185
Other fish products	do		2,917	1,873	222	316	255	149	192	137	52	63	78
F. Other edible animal products								9,293	6,772	2,158	725	646	789
Eggs, in the shell	1,000 doz	30,337	21,237	7,684	2,319	1,866	1,928	8,661	6,139	1,742	504	384	465
Eggs and yolks, frozen, dried, canned	1,000 lbs	[1] 460	443	255	44	49	79	91	76	36	7	7	13
Meat extracts and bouillon cubes	do	[1] 298	177	106	56	81	161	[1] 438	370	240	113	142	172
Gelatin	do	[1] 351	273	227	182	193	229	[1] 238	187	140	101	113	138

* Sheep only prior to 1933. [1] Average for years 1922–25. [1a] For 1921–25, "Wiltshire sides" are included with "Hams and shoulders cured." [2] 1930 only.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE												
Total							109,633	119,117	61,836	36,255	38,883	50,772
A. Hides and skins, raw, except furs—1,000 lbs.	54,765	51,648	35,592	42,405	27,497	52,078	7,562	9,022	3,068	2,240	2,049	4,304
Cattle hides—do.	38,604	31,028	22,426	26,608	17,209	35,273	4,587	4,695	1,685	1,229	1,028	2,490
Calfskins—do.	7,481	10,319	4,694	6,656	5,075	10,874	1,680	2,361	611	491	506	1,204
Sheep and goat skins—do.	[1] 1,982	1,925	1,969	2,345	1,703	1,807	[1] 521	561	235	157	192	221
Other hides and skins (including flesh and pickled splits)—1,000 lbs.	7,094	8,374	6,503	6,796	3,510	4,124	878	1,406	537	363	323	389
B. Leather							44,288	47,481	25,612	13,150	13,779	15,807
Upper leather (except patent)—												
Cattle, side upper—												
Grain—1,000 sq. ft.		12,692	6,857	4,972	6,073	7,366		3,476	1,293	761	1,012	1,388
Black—do.	15,258	2,504	1,380	1,170	1,324	2,079	3,638	654	229	150	194	328
Other—do.		10,188	5,477	3,802	4,749	5,287		2,821	1,064	611	819	1,060
Finished splits—do.		3,912	2,355	2,200	1,340	2,033		623	234	160	105	227
Wax and rough splits—1,000 lbs.	3,490	2,911	1,370	454	344	385	887	1,278	453	117	111	120
Calf and kip—1,000 sq. ft.	21,140	25,593	9,399	6,235	6,827	8,983	7,150	8,794	2,409	1,107	1,293	1,990
Black grain—do.		5,192	2,209	1,871	2,441	3,657		1,831	539	315	458	783
Other grain—do.		20,400	6,703	3,989	4,387	5,326		6,962	1,738	710	835	1,207
Suède—do.			497	375					132	82		
Sheep and lamb—do.	[1] 7,074	7,769	8,494	4,107	3,997	5,206	[1] 857	1,005	682	252	225	451
Goat and kid upper leather (including glazed kid)—1,000 sq. ft.	39,319	46,984	35,068	22,466	20,467	21,058	10,968	13,787	8,733	4,362	4,341	4,913
Black—do.		20,243	16,448	9,278	9,836	9,934		5,697	3,990	1,730	2,127	2,346
Other—do.		26,741	18,620	13,188	10,631	11,123		8,090	4,753	2,632	2,214	2,568
Horse and colt—do.	[1] 767	522	262	291	241	405	[1] 224	150	59	55	54	92
Other upper leather—do.		2,171	1,349	1,164	783	751	1,330	627	314	212	156	163
Patent upper leather—												
Patent side upper leather—do.		27,243	34,391	27,235	27,325	19,402		8,600	6,720	4,140	4,274	3,249
Goat and kid—do.	33,393	2,468	1,249	222	406	176	11,418	1,118	456	72	127	62
Horse and colt—do.		918	354	139	24	13		353	97	28	6	4
Other—do.		1,007	373	315	111	144		321	70	55	18	27
Sole leather—1,000 lbs.	17,839	10,276	8,723	2,139	1,598	3,743	4,704	3,041	1,536	341	310	655
Bends, backs, sides—do.	[2] 7,551	3,687	2,087	542	404	728	[3] 2,595	1,550	607	141	116	205
Other (including offal)—do.	[3] 11,136	5,722	5,809	1,439	929	2,741	[3] 1,916	1,178	668	149	109	363
Cut soles—do.	[3] 1,052	868	827	158	264	274	[3] 394	314	261	51	93	87

Glove leather—												
Sheep and lamb—1,000 sq. ft.	[1] 1,335	1,022	432	100	87	226	285	165	52	12	12	29
Other glove leather—do	[1] 4,982	5,090	2,654	1,843	1,802	2,458	[1] 723	936	645	507	527	731
Other leather—												
Harness, collar, and saddle—1,000 lbs.	[1] 159	104	48	25	18	41	[1] 78	53	19	9	9	16
Upholstery and automobile—1,000 sq. ft.	[1] 1,976	2,535	1,085	512	742	1,639	346	488	188	75	97	251
Fancy leather—do	[1] 874	695	478	206	232	855	[1] 179	182	126	35	65	269
Case, bag, and strap—do	[1] 537	488	341	211	151	300	[1] 158	147	80	45	35	88
Reptilian leather—1,000 lbs.		[2] 201	208	144	167	138		[2] 1,005	748	426	624	553
Other leather and tanned skins—do		8,704	5,288	3,850	3,253	4,216	1,787	2,135	701	381	376	527
C. Leather manufactures							21,754	16,935	7,012	3,181	2,962	3,958
Leather footwear—												
Boots and shoes—1,000 pairs	6,921	4,589	1,780	847	746	861	16,992	10,999	3,934	1,552	1,318	1,772
Men's and boys'—do	3,106	1,989	568	288	248	301	9,840	5,810	1,493	638	511	720
Women's—do	2,188	1,805	978	427	384	442	5,063	4,332	2,199	798	707	939
Children's—do	1,627	795	234	132	114	117	2,088	857	242	116	100	113
Slippers—do	153	375	501	231	71	121	185	387	354	130	48	95
Athletic shoes, sandals, overgaiters, leggings, puttees, and other footwear—1,000 pairs	[1] 118	66	40	22	18	20	[1] 152	106	64	28	20	30
Leather gloves—doz. prs.	25,559	17,009	15,300	14,034	20,628	5,004	155	160	125	41	56	40
Harness and saddles							588	308	61	31	39	39
Traveling bags and suitcases—number	[1, 4] 98,886	53,294	8,577	6,183	6,357	15,433	[4] 329	185	52	25	30	57
Pocketbooks, handbags, cigarette, key, pass, and similar leather cases—1,000 pieces	[1] 548	470	184	247	495	986	[1] 261	450	171	105	205	451
Leather belting, new—1,000 lbs.	1,098	1,204	581	408	514	600	1,682	1,854	824	512	630	729
Leather welting							1,492	2,487	1,427	757	116	114
Other leather manufactures											501	631
D. Furs and manufactures							22,507	31,347	19,322	13,473	15,268	21,117
Undressed—1,000 pieces	[1] 13,768	16,835	19,561	16,981	18,358	17,511	18,755	25,819	14,882	11,176	13,495	18,628
Fox—do	[1] 140	107	79	98	187	148	[1] 966	2,044	1,311	1,026	2,698	2,618
Muskrat—do	[1] 3,667	4,117	7,033	6,880	7,910	6,910	[1] 2,638	4,150	3,249	2,759	3,042	4,995
Raccoon—do	[1] 162	57	49	13	35	65	[1] 569	363	213	44	109	269
Skunk and civet cat—do	[1] 3,240	2,627	1,915	2,071	1,894	2,037	[1] 7,322	5,570	2,625	2,280	1,739	2,398
Opossum—do	[1] 2,946	5,194	5,033	5,254	5,581	6,038	[1] 2,832	6,038	3,108	2,986	2,936	4,431
Other undressed furs—do	[1] 3,612	4,733	5,452	2,665	2,751	2,312	[1] 5,884	7,654	4,376	2,081	2,972	391
Dressed on the skin—												
Fox—do		27	12	4	3	6		576	200	44	58	177
Muskrat—do		59	219	37	29	27		63	77	14	15	19
Opossum—do	[1] 3,279	97	64	38	2	2	3,177	134	38	22	2	2
Fur-seal—do					5	2					47	42
Other dressed furs—do		1,848	1,383	828	715	1,401		2,871	1,608	863	624	1,138
Fur wearing apparel (except fur felt hats)—number		5,302	5,335	1,857	1,531	1,849	[1] 182	194	133	35	34	37
Fur waste, pieces, and damaged skins—1,000 lbs.	[3] 761	1,448	1,711				[3] 396	1,345	2,055	1,100	897	921
Other fur manufactures							[1] 240	344	329	222	97	152
E. Animal oils and greases, inedible—1,000 lbs.	[1] 82,936	78,336	84,529	64,208	81,806	68,628	8,079	6,905	3,895	2,258	3,034	2,828
Neat's-foot oil—do	[1] 1,387	1,295	1,022	803	1,079	1,151	[1] 226	217	142	92	126	136
Other inedible animal oils—do	2,717	916	1,144	1,928	1,833	1,267	300	94	74	105	101	90

[1] Average for years 1922–25. [2] 1930 only. [3] Average for years 1923–25. [4] Trunks are included for 1921.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 0.—ANIMALS, ETC., INEDIBLE—Contd.												
E. Animal oils and greases, inedible—Continued.												
Fish oils—1,000 lbs.	864	1,049	1,792	1,722	5,849	6,364	140	134	140	125	163	194
Grease stearin—do.	13,159	2,438	3,850	1,428	942	623	1,314	233	228	74	50	34
Oleic acid, or red oil—do.		2,931	1,068	870	1,587	2,837		263	68	37	80	172
Stearic acid—do.		1,491	367	511	462	676		176	35	42	38	61
Other animal greases, and fats—do.	[1] 69,886	68,215	75,286	56,940	70,054	55,708	6,143	5,878	3,199	1,783	2,476	2,141
F. Other inedible animals and animal products							5,443	7,336	2,925	1,954	1,792	2,759
Animals							3,327	3,770	1,031	546	647	1,290
Horses for breeding—number.	13,105	569	117	107	141	116	1,358	248	113	44	65	50
Other horses—do.		10,746	2,944	2,068	485	1,675		816	324	165	90	326
Mules, asses, burros—do.	15,215	16,994	3,667	1,408	2,652	3,701	1,559	1,908	358	107	329	589
Fur animals—do.		[2] 9,484	5,295	658	343	1,173		[2] 634	57	19	17	6
Other live animals							410	671	179	151	146	320
Feathers, crude, not dressed—1,000 lbs.	[1] 4,300	7,353	7,642	6,067	6,176	7,483	355	698	472	306	221	400
Feathers, dressed, and manufactures of							[1] 248	177	121	54	56	66
Glue of animal origin—1,000 lbs.	2,390	2,449	1,233	940	760	896	384	421	248	151	138	153
Sponges—do.	121	110	68	62	72	83	139	159	85	67	68	93
Other animal products, inedible							1,041	2,110	968	830	664	757
GROUP 1.—*VEGETABLE FOOD PRODUCTS AND BEVERAGES*												
Total							676,399	520,437	257,004	172,063	127,585	144,329
A. Grains and preparations							474,262	318,570	106,045	66,917	31,540	39,406
Barley—												
Grain—1,000 bus. of 48 lbs.	21,274	28,527	7,851	7,043	7,142	5,447	18,598	24,383	5,390	2,869	3,379	3,404
Malt—1,000 bus. of 34 lbs.	5,072	2,982	692	239	230	173	5,773	3,074	653	213	212	203
Buckwheat—1,000 bus. of 48 lbs.	215	186	341	300	5	58	254	195	226	165	3	40
Corn—												
Grain—1,000 bus. of 56 lbs.	73,180	20,481	2,700	7,886	5,365	2,987	55,349	19,537	1,860	2,815	2,653	2,269
Meal and flour—1,000 bbls. of 196 lbs.	568	330	178	150	142	131	2,535	1,611	677	398	392	498
Hominy and corn grits—1,000 lbs.	[1] 87,440	17,078	9,422	11,895	10,650	9,822	[1] 1,570	353	156	141	138	173
Corn breakfast foods ready to eat—do.	[1] 5,860	7,279	2,329	1,207	1,267	1,600	[1] 403	559	218	123	147	203
Oats—												
Grain—1,000 bus. of 32 lbs.	13,072	8,032	2,121	3,486	1,476	141	7,313	4,066	532	762	395	82
Oat meal, flaked and rolled oats—												
In bulk (sacks or bags)—1,000 lbs.	121,738	82,298	24,936	10,629	3,530	1,305	4,630	4,277	495	191	74	42
In packages (cases or cartons)—do.			19,752	13,536	15,427	13,738			1,813	1,093	1,193	1,126
Rice—												
Paddy or rough rice—do.	316,330	226,777	208,681	195,735	13,160	9,552	11,876	8,962	6,477	4,341	144	178
Milled rice, including brown—do.					107,064	76,956					2,864	2,625
Screenings, flour, meal, and broken rice—1,000 lbs.		63,430	65,491	60,457	11,520	121		1,791	873	637	108	5

Rye—												
Grain—1,000 bus. of 56 lbs.	34,453	13,216	121	1,096	40	6	38,938	14,637	59	549	24	5
Flour [4a]—barrels of 196 lbs.	112,447	21,760	12,054	2,909			536	130	42	11		
Wheat—												
Grain—1,000 bus. of 60 lbs.	159,222	116,155	80,311	54,879	7,983	16,970	228,342	152,145	46,771	32,684	4,769	10,249
Flour—1,000 bbls. of 196 lbs.	15,049	12,650	9,654	5,795	3,963	4,163	93,522	78,502	34,456	18,460	13,823	16,837
Bread, biscuits, cakes, and crackers—1,000 lbs.	11,327	11,238	5,269	3,887	3,344	3,479	1,658	1,974	908	596	511	585
Plain, not sweetened or flavored—do		7,063	4,020	3,113	2,610	2,614		1,063	616	420	357	394
Sweetened or flavored—do		4,175	1,249	769	734	865		912	292	176	154	191
Macaroni, spaghetti, and noodles—do	[1] 7,674	9,236	4,613	3,208	1,931	1,906	[1] 622	791	341	215	136	156
Wheat breakfast foods, ready to eat—do	[1] 6,118	3,353	892	631	476	534	[1] 478	325	114	81	56	68
Wheat breakfast foods, to be cooked—do			1,007	764	662	716			141	70	61	67
Cereal foods, n. e. s.—do	[1, 6] 9,577	3,024	3,596	3,316	1,209	1,848	[6] 1,530	355	28	207	144	193
Other grains and preparations [4a]							950	900	560	296	314	398
B. Fodders and feeds							26,736	27,368	14,278	11,512	9,843	8,337
Hay—tons	36,576	11,625	5,319	2,499	1,645	2,185	747	256	95	53	33	46
Oil cake and oil-cake meal—1,000 lbs.	1,165,577	1,199,315	910,992	640,889	760,478	461,536	24,695	24,392	11,181	6,715	8,646	5,948
Cottonseed cake—do	403,867	393,002	282,363	224,874	163,925	38,033	8,387	7,513	2,777	1,914	1,417	430
Linseed cake—do	553,808	568,669	444,058	251,615	439,311	371,921	12,149	12,465	6,390	3,283	5,879	4,927
Other oil cake—do	22,370	31,479	93,742	50,680	62,875	17,358	347	515	946	451	466	118
Cottonseed meal—do	156,065	183,310	69,191	90,227	63,596	7,867	3,196	3,410	729	759	545	103
Linseed meal—do	20,607	17,809	18,238	16,847	15,651	21,634	451	385	285	256	209	316
Other oil-cake meal—do	[1] 11,075	5,046	3,400	6,646	15,120	4,724	[1] 206	103	54	52	131	54
Fish meal for feed—tons of 2,240 lbs.			2,708	2,381	7,918	27,230			155	94	346	1,172
Kafir and milo—1,000 bus. of 56 lbs.		[7] 1,365	1,738	7,529	10	5		[7] 1,187	863	3,252	5	3
Mixed dairy feeds—tons of 2,240 lbs.		[5] 1,920	1,827	1,318	1,616	1,453		[5] 79	74	38	51	57
Mixed poultry feeds—do		[5] 5,200	5,555	2,329	2,063	2,682		[5] 265	212	79	80	119
Oyster shells—do		[5] 46,151	53,189	50,428	57,000	51,205		[5] 470	511	379	385	360
Other prepared and mixed feeds—do	14,644	24,010	5,382	3,199	2,829	2,319	578	930	385	185	104	154
Other feeds, including screenings—do	23,416	26,708	39,003	48,825	10,270	18,946	717	751	802	717	193	478
C. Vegetables and preparations							19,086	22,057	12,712	7,604	7,465	9,189
Beans, dried—1,000 bus. of 60 lbs.	815	398	242	159	126	83	3,005	1,394	531	311	307	244
Peas, dried—do	95	142	68	56	48	52	418	587	258	150	155	151
Vegetables, fresh—												
Potatoes, white—do	3,056	2,349	1,060	912	719	1,171	3,823	2,956	901	557	659	808
Onions—1,000 bus. of 57 lbs.	675	552	562	435	414	327	1,082	744	577	304	293	346
Other fresh vegetables—1,000 lbs.	[1] 90,212	160,564					3,212	5,184	4,228	2,577	2,261	2,753
Vegetables, canned—do	[1] 49,378	80,959	40,708	25,881	30,370	33,343	4,902	7,820	4,148	2,362	2,533	3,287
Asparagus—do	[1] 8,923	16,639	13,372	10,880	15,725	18,321	[1] 1,582	2,533	1,934	1,352	1,590	2,158
Baked beans, and pork and beans—do	[1] 7,172	12,436	7,209	3,426	4,020	4,163	[1] 616	979	417	167	174	227
Corn—do	[1] 4,598	6,360	3,149	1,354	1,749	1,772	336	484	252	91	118	132
Peas—do	[1] 4,120	6,444	4,541	2,090	2,520	3,006	[1] 336	566	401	166	193	248
Soups—do	[1] 13,878	24,524	5,818	1,466	1,180	1,803	1,460	2,316	949	174	121	197
Tomatoes—do	[1] 7,683	5,503	3,165	4,691	3,166	1,771	477	363	185	253	182	115
Other canned vegetables—do	[1] 3,005	9,054	3,454	1,974	2,010	2,508	563	579	310	159	155	209

[1] Average for years 1922–25.
[2] 1930 only.
[4a] Beginning with 1933, "rye flour" is included in "Other grains and preparations."
[5] "Cereal preparations other than oat meal and rolled oats" prior to 1922.
[6] Average for years 1929 and 1930.
[7] Average for years 1928–30.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
C. Vegetables and preparations—Continued.												
Pickles 1,000 lbs.		3,361	1,685	1,157	1,069	1,375		309	199	115	111	153
Ketchup and other tomato sauces do.	[1] 10,816	8,898	4,955	2,618	2,508	2,932	1,691	1,209	499	232	205	290
Other sauces and relishes do.		3,152	1,967	1,477	1,368	1,736		670	398	245	231	326
Vinegar 1,000 gals.	199	279	345	214	199	270	85	151	160	66	62	80
Yeast 1,000 lbs.	[1] 2,846	3,588	3,004	2,889	2,790	3,201	728	664	560	498	487	541
Other vegetable preparations							[1] 175	367	253	139	162	190
D. Fruits and nuts							82,868	122,234	109,329	77,320	69,857	74,210
Fruits and preparations							81,465	120,781	108,191	76,532	67,643	71,707
Subtropical fruits—												
Grapefruit 1,000 boxes	[1] 316	744	1,341	1,022	968	959	[1] 998	3,060	3,961	2,396	2,181	2,177
Lemons do.	210	265	258	218	168	227	997	1,342	1,107	819	628	897
Oranges do.	2,088	3,336	4,849	3,129	3,399	3,318	8,465	14,135	13,256	7,112	6,665	8,227
Pineapples boxes	[1] 36,564	50,862	53,043	28,125	15,230	26,760	[1] 145	162	155	61	38	72
Other fresh fruits—												
Apples in boxes 1,000 boxes	[1] 4,909	8,102	9,966	10,220	7,224	7,355	[1] 11,400	17,418	17,608	13,102	8,318	10,187
Apples in baskets 1,000 baskets				310	286	417				499	414	698
Apples in barrels 1,000 bbls.	1,493	2,502	2,606	2,130	1,173	766	7,988	12,408	11,552	8,816	4,365	3,116
Berries 1,000 lbs.	[1] 9,668	11,226	7,089	6,154	7,200	7,899	952	1,163	742	438	411	567
Grapes do.	[1] 19,630	55,082	28,876	28,837	27,226	35,136	[1] 1,242	2,121	1,461	1,060	979	1,541
Pears do.	[1] 49,627	77,493	103,416	112,607	105,210	107,145	2,421	4,515	4,510	3,994	3,696	4,082
Peaches do.	[1] 15,082	17,411	10,897	3,603	2,782	5,146	[1] 639	666	339	106	95	170
Other fresh fruits do.	[1] 35,253	52,900					1,913	1,909	1,559	701	622	978
Dried and evaporated fruits do.	[1] 287,970	459,929	502,942	420,340	396,790	337,793	25,571	33,279	28,934	19,502	21,762	21,691
Dried fruits for salads do.		[2] 10,044	16,729	14,521	12,873	10,807		[2] 722	995	677	725	787
Pears do.		[3] 6,594	7,444	5,870	6,960	6,468		[3] 586	575	382	477	494
Raisins do.	84,548	163,551	135,754	115,454	91,214	92,248	8,188	10,170	7,925	5,665	3,928	4,647
Apples do.	21,304	31,781	36,361	31,629	39,969	24,736	2,478	3,563	3,144	2,008	3,047	2,279
Apricots do.	20,444	20,860	36,547	33,138	35,836	19,030	3,245	3,345	3,840	2,449	3,381	2,722
Peaches do.	6,855	7,217	9,392	7,331	7,254	6,532	693	766	762	429	492	586
Prunes do.	127,730	217,528	257,800	210,204	193,089	171,251	9,637	13,575	11,521	7,783	9,352	9,809
Other do.	[1] 11,702	14,747	2,915	2,193	9,596	6,421	1,330	1,480	172	109	360	366
Canned fruits do.	[1] 210,101	267,510	282,219	264,268	268,251	239,881	20,253	25,554	22,423	17,525	17,132	17,304
Grapefruit do.			8,295	6,919	23,207	28,161			623	407	1,230	1,578
Berries do.		[3] 9,810	7,758	5,361	5,446	4,819		[3] 1,054	789	382	377	388
Apples and apple sauce do.	[3] 13,470	17,651	18,594	19,560	12,342	10,677	[3] 799	986	848	779	476	437
Apricots do.	[3] 32,126	28,086	22,636	24,315	22,948	12,691	[3] 2,776	2,682	1,711	1,518	1,387	977
Cherries do.	[1] 1,720	1,880	855	597	805	1,413	[1] 277	304	117	65	92	183
Prunes do.	[3] 2,684	2,644	1,219	1,057	828	839	[3] 306	277	105	85	73	83
Peaches do.	[1] 62,198	80,501	76,861	82,907	73,983	59,461	5,525	7,040	5,487	4,823	4,166	3,923
Pears do.	[1] 53,906	60,872	85,279	72,357	70,749	63,710	5,918	6,195	6,214	4,726	4,359	4,391

Pineapples	do	[1] 26,321	43,090	24,473	17,389	20,424	20,386	2,767	4,049	2,053	1,240	1,567	1,632
Fruits for salad	do		[3] 31,108	33,811	32,173	33,628	33,787		[3] 4,620	4,248	3,367	3,243	3,471
Other canned fruits	do	[1] 33,784	12,494	2,438	1,633	1,891	2,938	3,712	1,331	228	133	162	242
Preserved fruits, jellies, and jams	do	[1] 2,011	2,064	808	531	567	764	449	390	157	91	90	114
Other fruit preparations	do	8,258	23,061	5,760	4,135	500	1,378	917	2,659	428	310	247	296
Nuts	do	[1] 11,153	10,494	12,077	13,297	22,423	17,907	1,403	1,453	1,138	786	2,014	2,092
Peanuts	do	7,707	4,464	1,842	7,107	1,426	616	578	383	139	202	66	44
Other nuts	do	[1] 5,142	6,031	10,235	6,190	20,997	17,292	826	1,069	999	584	1,948	2,049
E. Vegetable oils and fats, edible	do	109,012	33,938	31,241	22,450	18,163	18,161	12,401	4,297	2,954	1,463	1,306	1,567
Coconut oil, edible	do			2,781	1,977	819	1,248			209	107	50	75
Cottonseed oil, refined	do	[10] 74,244	11,876	12,845	10,913	9,292	6,187	[10] 7,623	1,313	1,162	650	561	444
Soybean oil	do	1,708	5,416	4,551	2,647	1,569	2,040	164	562	410	123	97	132
Corn oil	do	4,404	580	776	960	1,026	1,314	548	81	102	63	66	86
Cocoa butter	do	1,619	846	457	855	2,120	4,346	447	265	80	101	243	528
Cooking fats, other than lard	do	28,745	12,349	5,994	3,498	2,602	2,181	3,618	1,643	704	301	226	222
Other edible vegetable oils and fats	do		[3] 3,588	3,837	1,600	736	845		[3] 542	287	118	64	81
F. Cocoa and coffee	do	[1] 35,232	19,091	11,061	7,788	10,021	12,503	7,294	5,527	2,655	1,704	1,947	2,516
Cocoa, powdered	do	[1] 7,719	2,623	2,130	1,616	1,520	1,699	767	365	270	192	186	200
Chocolate, including sweetened	do		936	705	478	526	898		214	128	76	74	116
Coffee, green	do	26,775	12,209	5,361	3,504	5,634	6,842	5,716	3,481	1,081	512	830	1,149
Coffee, roasted	do	1,551	2,164	1,850	1,293	1,479	2,184	447	758	504	335	334	505
Coffee extracts and substitutes	do	[1] 749	1,159	1,015	875	863	880	[1] 454	709	672	589	523	548
G. Spices and food flavors								827	724	396	273	269	350
Spices	1,000 lbs.	[1] 1,542	1,850	1,203	883	858	1,181	204	261	162	114	121	173
Flavoring extracts [11]	1,000 gals.			32	20	*18*	23	623	463	244	159	149	177
H. Sugar and related products								51,526	18,052	7,423	4,468	4,785	7,557
Sugar, refined	1,000 lbs.	882,928	214,102	105,155	98,008	100,992	272,816	39,926	7,268	2,238	1,551	1,617	4,015
Molasses	1,000 gals.	4,253	7,950	6,919	640	3,193	6,731	622	722	371	81	172	282
Confectionery—													
Chocolate	1,000 lbs.	11,349	1,993	1,152	905	895	1,302	2,103	582	294	208	205	278
Other	do		11,390	6,579	3,949	4,494	4,498		1,939	916	514	566	634
Chewing gum	do	[1] 3,143	3,826	2,790	1,527	1,514	2,312	1,292	1,624	1,120	621	580	844
Honey	do	3,357	8,585	4,183	4,720	6,158	1,950	362	765	303	262	358	149
Glucose (corn sirup)	do	175,229	119,088	62,239	42,946	44,313	39,091	5,464	4,065	1,855	1,053	1,074	1,053
Grape sugar (corn sugar)	do	7,874	6,965	2,516	1,842	2,994	4,425	274	245	92	64	103	167
Sirup, including maple	1,000 gals.	5,166	2,829	811	525	675	518	1,485	842	234	114	111	135
I. Beverages								1,399	1,610	1,213	801	773	1,216
Malt extract and sirup	1,000 lbs.	1,800	3,488	2,220	968	813	908	166	390	259	111	64	81
Distilled liquors	1,000 pf. gals.	238	191	31	14	8	8	641	87	16	7	3	18
Mineral waters, natural and artificial	1,000 gals.	[1] 216	201	108	70	62	66	[1] 180	179	95	60	52	52
Fruit juices, sirups, and flavors for soda fountain [11]	1,000 gals.		[3] 362	336	400	616	1,090		[3] 620	505	540	547	850
Other beverages [11]	do	[1] 279	487	261	75	116	323	448	706	338	83	107	214

[1] Average for years 1922–25. [2] 1930 only. [3] Average for 1923–25. [5] Average for years 1929 and 1930. [8] Average for years 1927–30. [9] Average for years 1924 and 1925.
[10] Includes crude cottonseed oil for 1921. [11] "Fruit juices" are included with "Flavoring extracts" prior to 1924 and with "Other beverages" 1924 to 1929.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD												
Total							278,084	290,407	166,357	114,520	135,629	183,890
A. Rubber and manufactures							39,003	67,366	36,711	16,384	17,820	21,761
Rubber, reclaimed, 1,000 lbs.	4,747	20,507	15,626	7,921	8,022	10,509	486	1,508	724	312	305	493
Rubber, scrap and old, do.	16,486	43,150	53,258	49,112	48,900	51,493	768	2,089	1,129	781	751	1,078
Rubberized automobile cloth, 1,000 sq. yds.		[5] 1,615	908	506	730	826		[5] 811	394	206	302	416
Other rubberized piece goods and hospital sheeting, 1,000 sq. yds.		1,687	1,229	665	618	778		795	480	215	221	342
Rubber footwear—												
Boots, 1,000 pairs	487	1,126	720	112	72	56	1,166	2,495	1,547	228	137	137
Shoes, do.	1,481	2,283	875	216	160	219	1,369	2,418	717	139	75	117
Canvas shoes with rubber soles, do.	[1] 3,832	5,415	1,414	333	274	264	[1] 2,883	3,716	888	174	134	167
Rubber soles, 1,000 doz. prs.	[7] 1,473		88	23	20	35	754	1,496	225	51	39	58
Rubber heels, do.			767	329	370	385			489	192	189	204
Rubber water bottles and fountain syringes, 1,000 pieces		393	304	220	198	222		239	182	74	70	85
Rubber gloves, doz. pairs		96,610	90,278	55,191	66,178	59,121	978	277	221	118	131	129
Other druggists' rubber sundries								422	332	273	295	358
Rubber balloons, 1,000 gross		[8] 688	657	294	249	249	[9] 1,135	943	594	245	213	220
Rubber toys and balls									109	43	44	66
Bathing caps, 1,000 dozens	[9] 164	162	115	45	71	93	[9] 296	356	226	80	115	162
Rubber bands, 1,000 lbs.		925	508	280	261	255		597	180	82	73	85
Rubber erasers, do.			401	262	337	332			239	152	184	185
Hard-rubber goods—												
Electrical hard-rubber goods, do.	[1] 752	1,388	1,325	1,024	1,025	1,291	[1] 256	271	145	102	100	132
Other hard-rubber goods							[1] 500	388	228	103	116	151
Tires—												
Casings, automobile, thousands	[1] 1,392	2,387	1,771	903	1,058	1,111	16,288	30,092	18,093	7,777	9,016	10,514
Truck and bus, do.		[5] 370	398	187	211	310		[5] 8,808	7,575	3,001	3,323	4,942
Other automobile, do.		[5] 2,280	1,373	721	847	801		[5] 21,815	10,518	4,776	5,693	5,573
Tubes, automobile, do.	[1] 1,133	1,581	1,151	574	664	771	1,949	3,232	1,541	601	692	863
Other casings and tubes, do.	[1] 104	99	89	32	26	48	292	272	205	73	58	127
Solid tires—												
For automobiles and motor trucks, number	[1] 91,972	64,148	11,898	7,820	6,839	9,262	2,213	2,049	375	194	183	225
Other, 1,000 lbs.	[1] 1,148	1,664	1,701	1,317	1,113	1,458	[1] 290	378	223	163	122	183
Tire sundries and repair materials							[1] 574	1,609	815	492	369	381
Rubber and friction tape, 1,000 lbs.		1,492	1,122	636	599	550		438	296	147	132	148

Rubber belting	do	[1] 3,447	4,808	3,191	1,486	1,793	2,438	1,852	2,675	1,382	623	783	1,143
Rubber hose	do	[1] 4,402	7,438	4,753	2,591	3,064	4,348	1,769	2,678	1,388	677	826	1,248
Rubber packing	do	[1] 1,628	2,361	1,275	956	1,018	1,100	742	1,096	525	351	396	442
Rubber thread	do	[1] 1,179	1,583	1,586	1,249	1,448	1,121	[1] 1,326	1,792	1,206	733	762	670
Other rubber manufactures								3,141	2,631	1,612	961	988	1,232
B. Naval stores, gums, and resins								22,379	30,266	14,304	11,587	14,714	14,489
Naval stores—													
Rosin	1,000 bbls.[11]	1,038	1,270	1,061	1,098	1,213	1,025	11,278	20,008	8,059	6,255	7,864	8,394
Gum rosin	do		1,105	907	938	994	794		17,596	6,923	5,345	6,540	6,615
Wood rosin	do		165	154	160	219	231		2,412	1,136	910	1,324	1,778
Gum spirits of turpentine	1,000 gals.	10,636	14,271	12,214	10,940	13,388	9,789	9,988	8,392	4,813	4,410	5,781	4,755
Wood turpentine	do	[1] 508	824	692	529	851	893	[1] 408	459	298	229	343	403
Tar and pitch of wood	barrels [12]	[13] 23,518	19,964	9,564	5,855	6,913	9,052	[13] 244	218	92	56	65	98
Other gums and resins	1,000 lbs.	[1] 2,171	4,253	4,440	3,582	4,248	5,090	[1] 679	1,188	1,043	636	662	840
C. Drugs, herbs, leaves, and roots, crude								3,174	3,341	2,413	1,193	1,267	1,650
Ginseng	1,000 lbs.	168	194	265	171	233	232	2,031	2,421	1,922	853	844	1,203
Other crude vegetable drugs	do	[1] 5,837	4,880	3,837	3,681	4,366	3,437	1,143	919	491	340	423	446
D. Oilseeds	do	3,244	2,875	13,936	250,295	23,792	5,860	178	140	232	2,398	246	128
E. Vegetable oils								5,999	8,208	4,323	4,241	3,946	3,878
Expressed oil and fats, inedible—													
Coconut oil	1,000 lbs.	14,579	23,132	15,307	21,581	25,350	23,795	1,316	1,907	761	780	795	733
Cotton seed oil, crude	do	[1] 27,999	31,115	9,733	44,855	26,143	8,679	[1] 2,474	2,581	582	1,445	778	353
Linseed oil	do	2,820	2,171	1,094	842	823	653	364	257	111	60	76	66
Vegetable soap stock	do	[1] 6,307	10,955	24,894	18,303	18,609	17,274	[1] 374	647	1,052	563	496	564
Other expressed oils and fats	do		7,495	4,534	1,808	1,339	2,469	832	788	346	82	72	119
Essential or distilled oils—													
Peppermint	do	120	183	230	262	235	238	511	701	438	455	567	679
Citrus oils [12a]	do		[5] 36	12	72	76	109		[5] 110	28	64	64	93
Pine	1,000 gals.		[5] 413	391	435	841	926		[5] 215	224	246	471	502
Spearmint	1,000 lbs.	[1] 1,028	2,786	1,363	19	26	38	698	1,197	782	25	30	57
Other	do				1,105	1,128	1,391				521	596	712
F. Dyeing and tanning materials								2,176	2,135	1,553	1,441	1,630	1,924
Dye extracts—													
Logwood extracts (include hematine crystals)	1,000 lbs.	[1] 2,072	2,111	1,602	960	932	970	349	213	165	103	105	126
Other dye extracts	do	[1] 2,000	695	551	587	599	344	472	87	44	44	58	37
Tanning extracts—													
Chestnut	1,000 lbs.	[1] 8,297	5,949	1,634	4,026	4,385	5,161	[1] 268	183	59	92	132	166
Other (vegetable and chemical)	do	[1] 22,535	31,598	28,089	33,299	34,466	36,010	1,141	1,651	1,285	1,202	1,334	1,594

[1] Average for years 1922–25.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–30.
[8] Average for years 1927–30.
[9] Average for years 1924 and 1925.
[12] Of 500 pounds.
[12a] "Orange oil" prior to 1932.
[13] Tar, turpentine, and pitch prior to 1922.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 2. VEGETABLE PRODUCTS, INEDIBLE—Contd.												
G. Seeds, except oilseeds ..... 1,000 lbs.	[1] 33,008	28,743	20,468	18,885	15,382	16,559	3,822	3,488	2,307	1,488	1,692	2,473
Field and garden seeds—												
Alfalfa ..... do.	[1] 780	915	218	1,565	1,199	959	[1] 138	189	43	159	123	124
Red clover ..... do.	2,935	676	670	298	3,025	1,092	611	144	99	22	399	159
Other clover ..... do.		698	257	319	134	1,769		133	52	32	13	346
Timothy ..... do.	17,183	13,520	10,476	10,891	5,009	3,698	1,262	880	736	432	231	306
Other grass seeds ..... do.	4,610	6,284	5,190	3,509	3,957	5,306	747	974	643	266	351	730
Other field seeds ..... do.		2,931	1,297	964	473	1,319	1,092	254	56	43	12	61
Vegetable and flower seeds ..... do.		3,719	2,360	1,340	1,584	2,416		914	680	594	584	748
H. Nursery and greenhouse stock							439	876	392	223	156	274
Flowers, cut							110	171	105	66	38	47
Fruit stock, cuttings, or seedlings ..... thousands		2,713	1,055	457	425	821	329	165	87	53	42	79
All other nursery or greenhouse stock, plants, and bulbs								340	200	104	77	149
I. Tobacco and manufactures							187,219	163,311	119,488	72,310	89,595	133,088
Tobacco, unmanufactured ..... 1,000 lbs.	502,969	545,676	524,470	411,159	438,936	440,866	164,595	144,549	110,780	65,901	82,924	125,064
Leaf tobacco ..... do.	487,157	535,348	503,545	387,766	420,418	418,983	163,583	144,115	109,628	64,982	82,094	124,259
Bright flue-cured ..... do.	[2] 241,259	366,638	388,252	265,311	297,941	305,984	[2] 98,352	114,217	88,993	49,161	67,656	109,410
Burley ..... do.	[2] 6,472	9,215	8,919	12,342	10,611	16,384	[2] 1,747	1,650	1,588	1,386	1,339	2,106
Dark-fired Kentucky and Tenn. ..... do.	[2] 146,027	100,217	67,971	79,933	76,574	65,421	[2] 25,908	16,004	10,081	6,848	6,964	6,941
Dark Virginia ..... do.	[2] 33,258	20,173	11,430	14,370	11,936	11,431	[2] 13,831	4,735	2,564	2,505	1,873	2,105
Maryland and Ohio export ..... do.	[2] 14,935	13,175	7,549	10,169	9,186	7,103	[2] 2,839	2,358	2,323	2,343	2,084	1,455
Green River ..... do.	[2] 16,038	13,831	5,347	4,389	2,542	2,244	[2] 3,550	2,515	1,459	709	305	391
One-sucker leaf ..... do.			1,477	997	1,116	1,062			162	118	98	86
Black fat, water baler, dark African ..... do.		[3] 3,962	8,673	9,977	8,578	7,802		[3] 836	1,673	1,587	1,225	1,221
Cigar leaf ..... do.	[3] 912	2,075	3,794	696	1,894	1,483	[3] 470	640	725	273	535	521
Other leaf tobacco ..... do.	[3] 37,608	6,856	133	122	40	69	[3] 9,532	1,328	60	52	15	25
Stems, trimmings, and scrap tobacco ..... do.	15,811	10,327	20,925	23,393	18,518	21,883	712	433	1,152	919	830	805
Tobacco manufactures							22,624	18,762	8,709	6,908	6,671	8,024
Cigarettes ..... millions	10,182	8,344	2,968	2,417	2,495	3,301	19,631	16,137	6,751	5,329	4,895	6,144
Chewing tobacco, plug and other ..... 1,000 lbs.	3,538	3,624	2,604	2,000	1,645	1,625	1,775	1,774	1,114	843	676	630
Smoking tobacco (including cigar cuttings) ..... 1,000 lbs.	2,386	1,128	1,046	854	875	1,078	931	727	775	605	558	670
Other tobacco manufactures ..... do.		264	80	62	130	176	288	124	69	131	541	581

J. Miscellaneous vegetable products								13,689	11,476	4,683	2,776	4,582	4,225
Starch—													
Cornstarch and corn flour	1,000 lbs.	250,075	214,430	87,719	52,052	58,834	64,215	7,069	7,165	2,787	1,400	1,558	1,914
Other starch	do.	15,592	8,232	1,607	794	616	484	460	289	85	44	34	30
Broom corn	tons	4,122	4,283	4,033	3,355	3,385	2,367	668	556	310	199	304	413
Brooms	dozens	[1] 19,367	17,718	14,697	8,208	7,490	7,800	112	91	57	30	28	34
Hops	1,000 lbs.	18,286	10,051	3,797	3,007	6,727	6,003	4,830	2,242	591	598	2,288	1,371
Other inedible vegetable products								454	1,063	767	463	350	462
GROUP 3.—TEXTILES													
Total								997,187	954,913	423,757	408,804	455,771	440,256
A. Cotton, unmanufactured	1,000 bales	6,639	8,287	6,956	9,059	8,532	5,943	804,985	765,674	325,667	345,164	398,212	372,755
	1,000 lbs.	3,420,430	4,328,362	3,666,956	4,803,148	4,523,430	3,148,634						
Raw cotton, except linters	1,000 bales	6,528	8,112	6,851	8,916	8,353	5,753	801,370	759,985	323,795	343,182	395,168	367,165
	1,000 lbs.	3,363,726	4,227,832	3,602,989	4,714,631	4,411,597	3,028,802						
Long staple (1⅛ inches or over)—													
Sea-island American-Egyptian (Pima)	1,000 bales		[5] 4	1	1	[13a]	[13a]		[5] 671	67	37	41	54
	1,000 lbs.		2,038	336	240	228	222						
Other	1,000 bales		878	161	221	195	89	235,711	89,318	8,963	8,793	9,576	5,847
	1,000 lbs.	1,150,598	458,897	83,225	115,945	102,080	46,951						
Upland, (under 1⅛ inches)	1,000 bales	[1] 5,382	7,232	6,689	8,695	8,158	5,663	1707,074	670,399	314,765	334,352	385,551	361,264
	1,000 lbs.	[2] 2,766,410	3,768,101	3,519,428	4,598,445	4,309,289	2,981,629						
Linters	1,000 bales	111	175	105	143	179	189	3,615	5,690	1,873	1,982	3,044	5,590
	1,000 lbs.	56,704	100,530	63,967	88,517	111,833	119,832						
B. Cotton semimanufactures	do.	88,293	107,562	67,991	106,354	93,479	109,460	15,395	21,237	9,815	9,276	7,506	9,486
Cotton pulp	do.				36,821	25,513	26,919				2,101	1,407	2,038
Cotton-mill waste	do.	59,245	66,157	44,296	45,113	42,923	53,797	6,739	6,561	2,897	2,167	2,232	3,503
Cotton rags, except paper stock	do.	13,559	16,207	8,995	8,754	12,598	20,027	967	1,145	638	430	511	931
Cotton batting, carded cotton, and roving	1,000 lbs.		[7] 389	427	154	464	1,089		[7] 71	62	22	57	150
Cotton yarn—													
Carded yarn, not combed	do.	15,489	13,507	6,773	9,743	8,402	4,744	7,690	4,585	1,492	1,648	1,571	1,315
Combed yarn	do.		11,453	7,499	5,770	3,579	2,884		8,903	4,725	2,908	1,729	1,549
Mercerized	do.		[8] 10,102	6,477	5,135	2,095	1,860		[8] 8,445	4,353	2,693	1,133	1,198
Not mercerized	do.		[8] 1,911	1,022	635	1,484	1,024		[8] 961	372	215	596	351
C. Cotton manufactures								117,657	102,842	50,255	36,248	31,845	33,975
Cotton thread and cordage—													
Sewing thread	1,000 lbs.	[1] 1,400	1,113	868	840	857	698	1,660	1,136	836	694	670	584
Crochet, darning, and embroidery cotton	1,000 lbs.	[1] 186	104	22	9	17	20	[1] 202	125	32	13	17	21
Twine and cordage	do.	[1] 3,558	4,266	2,612	2,318	2,474	2,591	[1] 1,569	1,629	758	537	619	856
Cotton cloth, duck, and tire fabric	1,000 sq. yds.[14]	524,932	521,180	366,959	375,447	302,042	226,306	79,875	72,288	35,783	27,357	23,511	24,656
Tire fabric—													
Cord	do.		2,980	685	889	423	917		1,296	222	229	151	311
Other	do.		1,265	594	557	479	524		413	151	63	120	155

[1] Average for years 1922–25.
[2] Average for years 1927–30.
[5] Average for years 1923–25.
[13a] Less than 500.
[8] Average for years 1929 and 1930.
[14] Stated in thousands of linear yards prior to Jan. 1, 1922.
[7] Average for years 1928–30.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 3. TEXTILES—Continued												
C. Cotton manufactures—Continued.												
Cotton cloth, duck, and tire fabric—Contd.												
Cotton duck—1,000 sq. yds.[14]	9,597	13,048	8,149	6,196	5,360	5,277	4,229	4,391	1,838	995	1,000	1,296
Heavy filter, paper dryer, hose, and belting duck—1,000 sq. yds		[7] 586	452	382	455	368		[7] 372	257	112	150	126
Unbleached (gray)—do	7,451	9,679	6,025	4,902	4,258	4,079	3,410	3,201	1,109	710	701	935
Ounce—do		[8] 5,290	3,294	3,635	3,116	2,614		[8] 1,449	545	446	396	467
Numbered—do		[8] 4,518	2,731	1,267	1,142	1,465		[8] 1,699	654	264	304	468
Bleached—do	1,330	1,724	1,138	559	377	375	520	540	231	93	80	99
Colored—do	817	1,293	534	353	269	454	300	427	151	80	69	136
Cotton cloth—do	515,335	503,888	357,529	367,806	295,780	219,590	75,646	66,188	33,573	26,072	22,240	22,894
Unbleached (gray)—do	147,866	122,034	97,721	101,263	85,428	54,413	16,347	11,178	5,886	4,556	4,205	3,945
Drills and twills—do		[7] 11,649	7,803	7,156	5,829	4,065		[7] 1,405	631	453	403	404
Sheetings, 40 inches and under—do		[7] 71,526	62,799	70,757	60,363	34,037		[7] 6,030	3,467	2,968	2,707	2,134
Sheetings over 40 inches—do		[7] 1,476	566	594	717	516		[7] 163	47	41	39	44
Osnaburgs—do		[7] 19,970	16,772	14,937	14,978	12,925		[7] 1,976	1,133	829	952	1,136
All other—do		[7] 16,993	9,781	7,819	3,541	2,870		[7] 1,121	608	265	165	227
Bleached—do	87,278	87,023	54,434	51,419	40,336	40,553	12,658	10,193	4,921	3,592	3,139	4,263
Drills and twills—do		[8] 4,085	2,441	2,387	2,714	2,947		[8] 618	336	236	313	442
Pajama checks—do		[8] 8,833	4,059	4,490	2,789	719		[8] 879	303	273	162	72
Sheetings—												
40 inches wide and under—do		[8] 25,104	13,551	20,003	15,110	12,025		[8] 2,784	1,087	1,215	1,039	1,103
Over 40 inches wide—do		[8] 8,654	3,021	2,191	3,103	5,732		[8] 1,141	332	195	274	603
All other bleached—do		[8] 29,919	31,362	22,348	16,619	19,129		[8] 3,350	2,863	1,673	1,352	2,043
Colored—do	280,191	294,831	205,374	215,124	170,017	124,625	46,641	44,811	22,706	17,924	14,835	14,687
Voiles—do		[7] 50,645	41,157	37,227	29,326	14,254		[7] 7,139	4,390	3,054	2,566	1,577
Percales and prints—												
32 inches and narrower—do		[7] 27,291	13,775	13,845	5,847	1,130		[7] 2,795	1,076	967	399	124
Over 32 inches wide—do		[7] 11,770	11,756	15,799	14,264	11,659		[7] 1,549	1,230	1,300	1,199	1,355
Flannels and flannelettes—do		[7] 3,887	1,785	2,411	1,333	914		[7] 576	214	177	111	112
Khaki and fustians—do		[7] 4,190	3,304	4,020	2,959	2,729		[7] 828	532	546	423	553
Denims—do		[7] 16,238	17,577	17,339	11,808	8,349		[7] 2,845	2,050	1,561	1,217	1,171
Suitings (drills, etc.)—do		[7] 26,049	17,766	13,965	13,180	13,340		[7] 4,241	2,314	1,413	1,344	1,848
Ginghams—do		[7] 11,169	4,228	3,833	1,459	857		[7] 1,196	347	235	99	82
Chambrays—do		[7] 15,345	15,485	16,167	13,048	10,982		[7] 1,608	1,217	1,015	819	973
All other printed fabrics—												
7½ and more yds. per lb—do	41,327		19,271	28,085	16,766	14,226	6,899		2,364	2,420	1,572	1,724
Less than 7½ yds. per lb—do			17,777	16,970	18,058	14,344			1,974	1,447	1,553	1,612

All other piece-dyed fabrics—											
5 and more yds. per lb. ——do——	———	[7] 45,227	18,632	24,436	26,530	20,188	———	[7] 9,247	1,883	1,719	1,950	1,963
Less than 5 yds. per lb——do——			8,790	10,157	8,286	6,531			978	930	803	882
All other yarn-dyed fabrics——do——	———	[7] 18,558	8,977	8,071	5,582	3,237	———	[7] 2,811	989	695	511	436
Cotton and rayon mixtures (cotton chief value)——1,000 sq. yds.	———	[7] 15,060	5,094	2,799	1,513	1,310	———	[7] 4,209	1,208	445	264	256
Cotton and silk mixtures (cotton chief value)——1,000 sq. yds.	———	———	———	———	57	74	———	———	———	———	7	18
Other cotton fabrics—												
Blankets——1,000 lbs.	[1] 1,421	1,453	652	765	606	606	894	834	288	260	218	287
Damasks——1,000 sq. yds.	[1] 518	549	307	310	369	485	[1] 178	161	64	51	58	97
Pile fabrics, plushes, velveteens, and corduroy——1,000 sq. yds.	[1] 421	507	448	326	194	263	[1] 399	441	234	144	111	183
Tapestries and other upholstery goods——do——	[1] 96	214	55	41	41	99	[1] 126	196	57	25	26	55
Cotton fabrics sold by the pound——1,000 lbs.	3,902	6,303	8,243	8,604	7,687	5,302	[1] 1,915	2,367	2,081	1,716	1,309	1,066
Cotton wearing apparel	———	———	———	———	———	———	21,284	14,722	6,174	3,087	2,634	3,063
Knit goods—												
Gloves——doz. prs.	[1] 72,034	119,845	79,961	37,810	40,897	39,762	[1] 130	209	112	48	46	64
Hosiery——1,000 doz. prs.	4,564	3,798	1,122	709	413	246	9,114	6,518	1,687	878	511	401
Women's——do——	———	[7] 1,676	593	338	188	86	———	[7] 2,980	908	427	242	143
Children's——do——	———	[7] 673	260	193	110	58	———	[7] 1,035	358	217	116	84
Men's socks——do——	———	[7] 954	269	178	116	103	———	[7] 1,603	421	234	153	174
Underwear——1,000 doz.	[1] 1,234	625	301	164	155	115	4,476	2,353	881	329	333	338
Sweaters, shawls, and other knit outerwear——1,000 pcs.	———	484	178	102	93	107	455	398	102	52	47	63
Other wearing apparel—												
Collars and cuffs——1,000 doz.	[1] 343	273	55	35	30	22	522	402	76	35	21	18
Overalls, breeches, pants——doz.	[1] 15,040	31,670	39,020	25,118	23,735	18,954	[1] 247	389	370	183	185	191
Underwear, not knit——1,000 doz.	[1] 190	139	66	37	41	32	1,021	646	276	130	111	127
Shirts——do——	[1] 216	204	180	142	127	95	2,918	1,978	1,455	858	736	777
Dresses, skirts, and waists——1,000 pcs.	[1] 303	430	848	419	562	850	[1] 425	426	657	277	327	667
Other cotton clothing	———	———	———	———	———	———	[1] 2,299	1,402	558	297	318	417
Other cotton manufactures—												
Handkerchiefs——1,000 doz.	[1] 344	212	83	87	69	84	[1] 242	141	56	50	47	60
Laces, embroideries, and lace window curtains——1,000 yds.	7,005	5,553	1,574	1,183	1,528	1,287	420	206	86	48	61	74
Woven belting for machinery——1,000 lbs.	[3] 407	450	179	134	146	170	[3] 197	233	97	60	68	89
Cotton bags——do——	[1] 3,874	6,728	4,232	4,422	5,454	4,525	[1] 1,192	1,495	961	799	1,134	1,195
Quilts, comforts, counterpanes, etc.—number	[1] 82,121	141,982	93,571	70,618	64,350	72,159	[1] 154	210	115	56	61	101
Bed sheets, pillow, bolster, and mattress cases——doz.	[1] 18,493	27,803	16,972	13,615	14,065	13,399	[1] 176	209	84	61	67	80
Towels, bath mats, wash cloths—1,000 doz.	[1] 389	633	389	158	107	121	[1] 890	1,009	500	189	136	169
Other cotton manufactures	———	———	———	———	———	———	7,771	5,410	2,050	1,101	1,097	1,340
D. Jute manufactures	———	———	———	———	———	———	2,769	3,984	3,194	1,389	1,101	1,196
Jute yarn, cordage, and twine——1,000 lbs.	[1] 1,028	998	535	193	157	176	[14] 196	171	67	25	20	25
Bags of jute——do——	[1] 31,062	33,378	36,821	17,223	12,585	12,980	2,142	3,428	3,036	1,290	1,030	1,070
Other jute manufactures——do——	———	[5] 3,692	1,183	1,064	480	1,491	[1] 539	385	91	74	50	101

[1] Average for years 1922–25.
[2] Average for years 1923–25.
[3] Average for years 1929 and 1930.
[7] Average for years 1928–30.
[8] Average for years 1927–30.
[14] Stated in thousands of linear yards prior to Jan. 1, 1922.
[16] Data prior to 1922 are all twine of vegetable fibers other than binder twine.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 3.—TEXTILES—Continued												
E. Flax, hemp, and ramie manufactures							[1] 378	523	262	102	105	243
F. Other vegetable fiber manufactures							9,480	5,900	4,385	1,014	650	887
Cordage, except of cotton or jute—												
Binder twine—1,000 lbs	61,289	22,817	10,026	11,906	6,016	6,703	7,140	2,652	707	686	307	426
Manila cordage—do	[16] 6,899	4,465	2,026	1,151	1,372	1,624	[16] 1,206	858	314	147	172	219
Sisal or henequen cordage—do		1,895	136	73	57	79		202	16	7	6	8
Other cordage—do		492	190	108	156	134		91	26	15	29	18
Oakum—do	1,761	2,012	1,069	565	832	1,002	144	171	82	48	63	79
Other vegetable fiber, straw, or grass manufactures							990	1,925	3,240	111	74	136
I. Wool, mohair, and Angora rabbit hair, unmanufactured—1,000 lbs	699	300	274	179	19	119	204	121	70	32	13	33
J. Wool semimanufactures—do	9,293	13,309	8,068	9,173	6,770	6,728	934	1,139	513	393	315	416
Wool rags—do	8,580	12,544	7,595	8,781	6,306	6,080	641	906	382	308	261	348
Wool noils and waste—do	[1] 774	706	401	324	453	642	[1] 138	144	48	31	42	57
Wool yarns—do	[1] 113	59	72	68	11	7	[1] 229	89	83	54	13	10
K. Wool manufactures							6,708	4,437	2,484	833	1,081	1,216
Fabrics wholly or chiefly of wool—												
Wool cloth and dress goods—1,000 lbs	938	328	158	56	47	121	1,869	621	300	77	74	169
Wool cloth and dress goods—1,000 yds	1,401	471	194	69	68	152						
Mohair cloth—1,000 lbs	[1] 97	60	25	17	30	52	[1] 216	173	106	30	35	69
Mohair cloth—1,000 yds	[1] 184	107	41	26	30	61						
Other wool fabrics—1,000 lbs	[1] 112	49	18	9	15	14	[1] 156	76	26	9	20	21
Carpets and rugs of wool—sq. yds	[1] 79,338	115,071	36,545	18,021	32,741	71,927	[1] 234	439	154	51	83	221
Wool felts—1,000 lbs	[1] 408	271	73	30	32	64	[1] 519	348	109	47	45	72
Wool wearing apparel—												
Knitted bathing suits—dozen		[3] 26,993	25,808	4,136	2,753	3,654	[1] 440	328	780	97	59	67
Other knit goods								[3] 366	139	86	114	101
Men's and boys' overcoats, suits, pants, 1,000 pieces		148	54	20	47	18	1,412	601	282	94	141	85
Women's and children's wool clothing, 1,000 pieces		50	43	40	49	34	1,012	414	285	167	213	205
Other wool or mohair manufactures							1,163	645	303	175	298	205
L. Hair and manufactures—1,000 lbs	[1] 18,249	20,171	15,373	12,722	23,640	24,632	1,693	2,488	1,252	903	1,476	2,162
Hair, unmanufactured—												
Cattle—do	[1] 15,821	8,109	2,359	3,557	9,636	8,039	1,414	810	210	158	418	544
Other—do		11,013	12,218	8,928	13,514	16,242		1,355	915	648	936	1,518
Hair manufactures—do	[1] 428	1,049	298	237	691	351	279	302	127	97	122	99

N. Silk manufactures							12,992	17,293	9,562	4,547	4,876	5,176
Tram, organzine, hard twists, and spun silk—pounds	[1] 86,840	151,454	196,994	219,090	326,914	244,077	[1] 392	813	738	680	878	691
Sewing, embroidery, and crochet silk—do	[1] 81,288	76,540	53,471	18,429	7,088	7,466	[1] 623	567	261	89	38	25
Fabrics wholly or chiefly of silk—												
Satins and other for shoes—1,000 yds	2,568	3,498	132	65	44	28	3,146	3,520	257	114	76	56
Other broad silks—do			2,462	1,609	1,473	1,418			2,108	903	734	840
Velvets, plushes, and chenilles [16a]—pounds	[1] 68,962	29,892					[1] 223	101	171	23	39	93
Silk and velvet ribbons [16a]—1,000 yds	[3] 7,094	3,087	1,519	1,669	1,507	1,834	[1] 489	172	69	41	47	64
Silk wearing apparel—												
Underwear—number	[1] 70,323	68,167	44,645	31,145	45,913	123,171	[1] 155	134	68	41	48	132
Dresses, skirts, waists, and blouses—do	[1] 79,484	186,775	198,097	115,044	179,133	208,373	[1] 893	1,627	1,304	544	729	973
Hosiery—1,000 doz. pairs	[1] 685	835	416	250	245	221	[1] 6,271	8,531	3,449	1,530	1,346	1,369
Women's seamless—do		[7] 65	30	15	13	20		[7] 520	171	67	51	77
Women's full fashioned—do		[7] 616	342	210	208	183		[7] 7,328	3,080	1,374	1,221	1,228
Children's—do		[7] 11	3	4	2	1		[7] 41	12	6	3	3
Men's socks—do		[7] 119	41	21	23	16		[7] 657	186	83	71	61
Other silk wearing apparel							[1] 658	538	233	86	79	103
Other silk manufactures							1,361	1,281	904	496	864	831
O. Rayon and other synthetic textiles							6,951	6,903	3,849	2,493	2,486	4,031
Yarn—1,000 lbs	[17] 148	313	314	653	1,110	2,509	[17] 290	442	251	429	566	1,323
Embroidery, crochet, and knitting thread—1,000 lbs		[7] 15	7	4	2	1		[7] 43	14	7	3	3
Tapestry and drapery fabrics—1,000 sq. yds		[7] 73	34	17	16	95		[7] 66	26	10	18	97
Woven and knit dress and piece goods—1,000 sq. yds		[7] 4,626	5,763					[7] 2,152	2,065	1,003	816	1,191
Hosiery—1,000 doz. pairs	1,126	1,035	311	200	140	121	4,794	3,418	749	382	252	253
Women's—do		[7] 459	154	101	71	57		[7] 1,577	399	220	137	126
Children's—do		[7] 100	27	20	10	7		[7] 225	52	30	12	10
Men's socks—do		[7] 359	130	79	59	57		[7] 1,008	298	132	103	117
Knit underwear—dozens		32,241	56,580	41,566	44,977	47,260		248	268	166	153	179
Ribbons, braids, fringes, and narrow trimmings—1,000 yds		3,528	2,832	1,996	2,755	2,945		[7] 111	78	52	66	83
Other synthetic textile manufactures							2,099	1,377	398	444	612	903
P. Miscellaneous textile products							17,117	22,386	12,449	6,410	6,101	8,682
Linoleum—1,000 sq. yds	3,715	1,192	886	68	78	118	1,578	809	241	52	55	88
Felt base floor coverings—do		4,225	2,671	813	926	1,580		1,542	787	191	219	399
Oilcloth—do	[1] 9,002	10,085	8,058	5,278	4,835	6,098	2,085	2,214	1,295	684	623	923
Window-shade and book cloth—do	[8] 1,921	3,042	2,198	1,484	1,845	1,387	[1] 415	561	333	185	235	201
Waterproofed auto cloth [18]—do	[3] 2,285	1,637	241	112			[1] 1,190	887	130	53		
Pyroxylin leather cloth—do	[3] 4,455	5,162	1,281	674	897	1,063	2,420	2,964	644	251	329	393
Other leather cloth—do			1,268	772	1,114	1,509			613	282	382	575
Waterproofed outer garments—thousands		371	320	65	49	134	[1] 605	768	594	123	94	211

[1] Average for years 1922–25. [3] Average for years 1923–25. [7] Average for years 1928–30. [8] Average for years 1927–30.
[16] Data prior to 1922 are "cordage of all vegetable fibers." [16a] Velvet and plush ribbons included with "Velvets, plushes, and chenilles", prior to 1931.
[17] 1925 only. [18] "Waterproofed auto cloth and rubberized fabrics" prior to 1926.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 3.—TEXTILES—Continued												
P. Miscellaneous textile products—Continued.												
Corsets, brassières, and girdles...1,000 pieces	[1] 691	1,361	1,074	557	558	1,032	1,847	1,845	1,291	665	566	1,103
Pajamas, nightshirts, and gowns.....dozens	----------	[7] 15,178	13,500	10,385	8,899	7,955	----------	[7] 167	168	73	68	75
Hats of straw or fiber and materials							983	516	498	204	138	231
Hat braid of straw or other fiber...1,000 yds	[1] 15,855	8,194	4,757	8,107	1,987	5,063	[1] 150	95	107	53	22	43
Hats of straw, palm leaf, etc.....1,000 hats	[1] 528	599	521	253	288	350	363	419	391	151	116	188
Hats and caps, except straw or other fiber—												
Men's and boys' fur-felt hats.....thousands	[1] 327	331	166	97	67	53	1,042	1,744	659	324	186	134
Women's and children's fur-felt hats...do		64	62	22	31	19		189	130	45	34	46
Wool-felt hats.....do	[1] 205	271	145	68	89	106	[1] 374	289	146	52	56	69
Other hats and caps.....do	[1] 1,328	1,039	747	479	644	705	[1] 1,135	776	358	194	236	305
Hat trimmings, artificial flowers, etc							723	373	167	87	83	132
Mattresses, cotton, kapok, moss, hair...number	[1] 12,472	25,248	15,984	9,464	6,009	8,138	[1] 109	173	97	52	50	86
Absorbent cotton, gauze, and sterilized bandages.....1,000 lbs	[6] 2,934	3,410	3,080	2,963	2,161	2,246	[6] 2,118	2,278	1,512	1,273	992	1,118
Elastic webbing.....1,000 yds	----------	[7] 31,681	19,175	15,815	10,296	15,828	----------	[7] 1,278	675	379	353	638
Garters and arm bands.....1,000 doz. prs	[1] 482	528	121	47	41	37	[1] 682	775	196	74	50	62
Suspenders and braces.....dozens	[1] 58,662	25,649	7,339	4,413	5,227	9,653	[1] 196	87	25	14	15	38
Other textile manufactures	----------	----------	----------	----------	----------	----------	[1] 2,097	2,730	1,900	1,153	1,336	1,858
GROUP 4.—WOOD AND PAPER												
Total	----------	----------	----------	----------	----------	----------	152,762	186,694	97,537	57,500	66,145	90,007
A. Wood unmanufactured	----------	----------	----------	----------	----------	----------	8,123	12,841	6,311	2,990	3,389	5,955
Logs and hewn timber—												
Hardwoods.....1,000 ft. b. m	15,446	16,358	19,149	18,565	18,043	16,805	1,008	1,160	769	523	488	846
Ash and hickory.....do	----------	[5] 4,931	3,508	3,566	2,702	3,313	----------	[5] 295	183	184	143	168
Walnut.....do	----------	[5] 1,580	387	246	332	243	----------	[5] 356	151	65	87	101
Other hard woods.....do	----------	[5] 10,358	15,254	14,753	15,009	13,249	----------	[5] 547	435	274	258	577
Softwoods—												
Southern pine.....do		6,352	762	371	151	401		263	30	9	6	17
Douglas fir.....do		39,258	23,135	9,870	38,491	82,282		567	258	117	414	917
Cedar.....do	109,275	175,861	115,972	34,943	38,599	46,602	3,376	4,027	2,162	606	654	773
Hemlock.....do		----------	63,477	54,767	54,044	63,361		----------	638	470	476	501
Other soft woods.....do		98,625	43,916	18,967	19,034	31,701		1,371	449	188	199	301
Railroad ties.....thousands	2,702	3,637	2,132	1,093	2,013	3,255	2,978	3,323	1,367	573	833	1,773
Hardwood.....do	[1] 564	291	43	35	5	11	[1] 799	271	46	47	8	12
Softwood.....do	[1] 2,026	2,529	1,540	845	1,751	2,604	[1] 1,826	1,938	657	291	567	1,075
Creosoted or otherwise preserved.....do	----------	817	549	213	257	640	----------	1,114	664	235	257	685

Piling	1,000 lin. ft.	1,514	5,389	3,213	3,747	2,041	5,134	[1] 433	1,349	351	411	262	665
Telegraph, trolley, and electric-light poles	number	[1] 51,766	112,177	33,157	18,912	9,141	15,960	[1] 274	579	197	35	29	100
Firewood and other unmfr'd	1,000 cu. ft.	[1] 2,245	2,838	2,173	1,334	650	1,849	195	201	90	60	28	62
B. Wood, semimanufactures—sawmill products								85,078	100,571	45,070	26,281	32,275	42,777
Sawed timber	1,000 ft. b. m.	475,659	689,323	407,290	295,409	319,762	314,707	14,748	17,685	7,510	4,322	4,980	7,037
Softwoods—													
Southern pine	do	147,638	145,719	88,243	66,922	76,510	88,584	5,576	6,256	3,274	2,020	2,443	3,946
Douglas fir	do		505,683	302,939	222,582	239,491	221,462		10,150	3,861	2,077	2,362	2,871
Cedar	do		7,440	203	1,010	802	607		274	9	53	44	28
Hemlock	do	322,522		10,354	1,094	488	601	8,839		172	20	8	8
Other softwoods	do		24,327	2,498	1,403	470	621		616	58	35	25	26
Hardwoods	do	5,498	1,573	864	352	285	433	333	103	45	19	13	18
Creosoted or otherwise preserved—													
Southern pine	do		3,371	1,379	1,789	1,586	1,800		223	66	85	80	106
Other sawed timber	do		1,209	810	257	130	599		63	25	13	5	33
Boards, planks, and scantling	do	1,668,945	2,129,843	1,238,854	836,731	948,274	1,015,486	69,165	82,171	37,285	21,874	27,244	35,667
Softwoods	do	1,391,617	1,714,385	921,301	603,099	662,763	741,035	48,887	54,703	21,105	12,275	14,688	20,699
Cypress	do	8,246	8,815	4,479	2,847	3,764	4,611	557	517	221	142	179	254
Douglas fir	do	563,869	739,142	481,294	273,126	335,013	369,940	13,856	16,157	7,366	3,505	4,814	6,595
Rough	do	[3] 560,274	684,348	410,930	241,237	301,968	322,505	[3] 14,141	14,645	6,233	3,080	4,327	5,721
Dressed	do	[3] 22,862	54,793	70,364	31,889	33,045	47,435	[3] 936	1,512	1,133	426	487	874
Southern pine	do	586,975	636,171	310,130	262,554	263,828	293,601	24,291	26,789	10,125	6,843	7,860	11,151
Rough	do	[3] 557,469	553,836	272,666	230,894	228,790	251,043	[3] 23,936	23,332	8,908	5,985	6,805	9,607
Dressed	do	[3] 117,190	82,335	37,464	31,660	35,038	42,558	[3] 4,983	3,457	1,217	858	1,056	1,544
White, western, and sugar pine	do	49,079	34,402	24,079	14,353	17,358	28,409	2,534	1,958	916	519	663	1,101
Cedar	do		[3] 17,801	9,074	4,267	5,023	5,278		[5] 876	439	166	187	244
Redwood	do	38,795	52,798	6,999	8,219	14,185	18,611	2,593	2,957	347	311	495	793
Spruce	do	27,635	25,455	12,033	8,301	7,613	8,419	1,410	1,212	540	431	302	388
Hemlock	do	[3] 120,973	186,451	71,020	29,287	15,825	11,986	[3] 3,013	3,729	1,094	354	181	165
Small softwood dimension stock	do		6,505	190	65				235	11	1		
Other softwoods	do	44,435	10,405	2,003	80	154	180	1,836	446	45	2	7	8
Hardwoods	do	277,168	415,459	317,553	233,632	285,511	274,450	20,279	27,467	16,132	9,599	12,556	14,968
Ash	do	[3] 20,812	30,744	30,043	27,849	35,995	44,381	[3] 1,497	2,102	1,555	1,046	1,441	2,276
Birch, beech, maple	do		9,114	3,355	1,425	1,204	[4] 1,574		581	174	65	59	92
Chestnut	do	[1] 7,870	9,352	5,908	2,312	2,332	3,991	[1] 562	489	264	103	85	155
Cottonwood	do		[7] 4,419	1,764	1,114	1,564	1,856		[7] 238	76	47	75	84
Gum	do	46,412	55,430	39,556	28,776	36,996	33,000	2,398	2,700	1,433	842	1,142	1,363
Red and sap	do		[8] 48,624	33,551	22,966	25,917	23,333		[8] 2,373	1,246	686	845	1,023
Tupelo and black	do		[8] 5,904	6,005	5,810	11,079	9,167		[8] 234	187	156	297	341
Hickory	do	[1] 3,309	4,061	1,871	1,866	2,999	3,879	[1] 318	387	187	182	237	349
Oak	do	136,157	208,742	175,348	127,888	149,717	120,092	9,288	13,027	8,354	5,009	6,563	6,356
Poplar	do	21,798	34,859	21,073	16,265	21,979	23,903	1,799	2,174	972	616	923	1,123

[1] Average for years 1922–25.
[3] Average for years 1923–25.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–30.
[8] Average for years 1927–30.
[9] Average for years 1924 and 1925.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 4.—WOOD AND PAPER—Continued												
B. Wood, semimanufactures, etc.—Continued.												
Boards, planks, and scantling—Continued.												
Hardwoods—Continued.												
Walnut, 1,000 ft. b. m.	[1] 7,702	11,128	8,792	5,476	5,684	6,783	[1] 1,090	1,417	784	414	438	631
Mahogany, do	[2] 17,422	15,964	7,534	3,285	3,048	3,086	[2] 2,512	2,341	939	302	390	523
Magnolia, do			4,551	4,866	7,600	6,980			187	167	297	358
Wagon-oak planks, do		7,850	5,944	4,459	5,832	10,032		482	323	202	269	568
Small dimension stock, do		4,032	6,728	4,984	6,600	9,416		436	651	361	463	798
Other hardwoods, do	38,241	21,531	5,086	3,067	3,961	5,469	3,313	1,189	282	153	175	292
Other sawed lumber, do	[1] 7,258	5,541	2,424	890			850	245	117	38		
Lath, thousands	[1] 31,300	36,443	22,436	11,387	10,164	6,623	[1] 188	163	46	21	14	12
Shingles, do	30,570	82,028	40,611	6,447	15,408	17,274	163	308	111	26	37	61
C. Wood manufactures							30,846	36,857	19,177	9,784	11,576	13,704
Cooperage							8,666	9,373	4,136	2,354	2,831	3,543
Staves, thousands	59,746	74,549	38,943	29,988	31,817	32,250	3,879	4,246	1,892	1,150	1,619	2,037
Tight staves, do	[1] 23,898	31,283	18,276	17,447	20,709	22,312	[1] 8,206	3,635	1,574	1,043	1,517	1,915
Slack staves, do	[1] 42,112	43,266	20,667	12,541	11,108	9,938	[1] 742	612	218	107	102	123
Heading, 1,000 sets	[1] 3,335	3,733	2,237	1,603	1,219	1,282	421	748	327	208	295	361
Tight heading, do		1,377	733	779	800	945		554	240	221	266	326
Slack heading, do		2,355	1,504	824	419	337		194	87	47	30	35
Cooperage shooks—												
Tight, do	[1] 1,688	1,031	617	314	425	362	3,493	3,179	1,531	749	741	734
Slack, do		693	428	161	154	335		426	237	80	73	166
Tight empty barrels, casks, hogsheads, thousands	[1] 360	333	139	58	56	133	873	774	249	107	102	244
Box shooks—												
Southern pine, 1,000 bd. ft.		13,037	10,172	7,079	1,740	404		627	433	237	58	20
Hemlock, do		59,233	14,351	5,537	2,084	7,591		1,721	410	142	43	161
Spruce, do	[1] 86,832	3,156	1,169	776			3,179	111	39	33		
Gum, do		[7] 5,084	1,968	903	997	1,203		[7] 276	88	39	43	67
Other, do		21,868	10,934	3,006	1,306	1,683		1,009	440	84	43	77
Veneers, 1,000 sq. ft.		79,805	54,335	32,934	23,363	37,261		2,087	1,147	557	461	723
Veneer packages for fruit and vegetables	[1] 55,347						[1] 1,669	[7] 100	44	51	144	295
Plywood, 1,000 sq. ft.		27,059	33,531	31,736	68,114	61,422		1,200	1,085	755	1,590	1,700
Hardwood flooring, 1,000 ft. b. m.	[3] 6,384	12,475	13,892	5,654	7,079	7,569	[8] 483	846	801	299	418	566
Doors, thousands	[9] 1,022	1,914	1,987	1,010	2,092	1,476	1,643	3,411	2,719	1,023	2,015	1,678
Sash and blinds, do		87	55	27	19	13		161	100	48	38	36
Trimmings and moldings n. e. s., 1,000 lin. ft.	[9] 4,644	9,164	8,272	5,601	3,555	4,000	256	267	171	80	57	70
Other millwork and house fixtures								[8] 300	160	52	44	45
Cane and reed manufactures, n. e. s.							[1] 429	239	56	35		

Furniture of wood—												
Chairs—thousands	[1] 186	172	74	33	27	44	721	682	244	132	107	152
Office furniture								267	77	37	44	68
Store fixtures							2,371	233	77	55		
School and church furniture								218	82	32		
Other wood, willow, and wicker furniture								2,181	965	356	401	521
Boat oars and paddles—number	[1] 92,794	81,681	33,872	20,445	21,721	28,077	202	184	82	48	47	65
Wagon and other vehicle stock								[7] 162	64	58		
Plow and similar bent handles—1,000 doz			6	9	3	6			26	30	11	28
Hoe, fork, shovel, broom, and other long handles—1,000 doz		792	711	361	413	623	2,009	825	545	271	293	519
Handles for striking tools—do		976	439	251	322	456		1,332	540	296	395	574
Pencil slats—1,000 lbs		[8] 13,214	9,798	6,492	8,870	11,538		[8] 1,636	971	565	720	882
Woodenware							268	494	567	318	317	293
Other wood manufactures							9,563	7,636	3,108	1,798	1,458	1,624
D. Cork manufactures							577	948	841	410	445	545
Disks, washers, and wafers—1,000 gross	[3] 3,271	6,661	14,391	7,533	9,425	8,047	[1] 142	254	470	201	249	290
Stoppers—1,000 lbs	[1] 296	432	94	68	57	70	[1] 108	162	90	50	34	39
Other cork manufactures—do	[1] 2,216	6,220	1,725	1,223	1,019	1,509	[1] 302	532	281	159	162	216
E. Paper base stocks							3,704	5,147	3,719	2,707	3,862	8,150
Pulpwoods—cords	[1] 14,380	56,433	81,091	28,405	10,737	12,104	[1] 122	510	625	177	68	66
Wood pulp—												
Sulphite wood pulp—tons of 2,240 lbs		27,556	44,457	40,944	68,897	124,348		1,541	2,251	1,963	3,049	6,816
Soda wood pulp—do	26,097	1,968	1,282	1,104	680	1,196	1,744	161	93	65	34	69
Other wood pulp—do		6,585	1,857	685	1,130	2,073		337	63	10	31	121
Rags and other paper stock—1,000 lbs	105,109	162,821	64,658	73,923	74,505	107,527	1,863	2,598	687	492	680	1,078
F. Paper and manufactures							24,435	30,330	22,419	15,328	14,599	18,875
Printing paper—												
Newsprint paper—1,000 lbs	39,352	28,750	19,305	16,928	22,297	46,811	1,987	1,213	605	448	457	976
Book paper, not coated—do	26,383	25,658	19,024	14,963	18,381	16,975	3,148	1,936	1,154	787	863	911
Cover paper—do	[1] 1,209	1,899	1,713	1,085	824	948	[1] 207	318	259	131	104	133
Grease proof and waterproof paper—do	[1] 1,605	2,970	4,634	4,195	4,718	4,691	193	499	975	872	763	882
Overissue and old newspapers—do		[5] 162,695	208,113	209,151	143,608	188,305		[5] 1,502	1,539	1,473	1,060	1,581
Wrapping paper—do	27,928	38,043	28,613	19,260	24,374	46,169	2,170	2,559	1,629	1,238	1,250	1,957
Surface-coated paper—do	[1] 3,725	9,584	5,075	6,061	6,130	7,157	[1] 560	1,019	580	678	617	776
Tissue and crêpe paper—do	[1] 7,966	4,751	2,979	3,676	3,815	4,803	1,281	1,050	506	554	544	632
Toilet paper—do		6,341	7,035	6,054	6,636	7,411		720	726	542	534	600
Paper towels and napkins—do	[1] 1,274	2,987	3,517	2,131	1,601	2,348	200	383	352	202	137	228
Boxboard of paperboard and strawboard—do	[17] 22,482	51,720	53,033	37,505	44,633	46,886	[17] 796	1,428	1,181	660	946	952
Bristols and bristol board—do	[1] 1,340	2,115	1,675	1,652	1,334	1,963	[1] 144	216	158	111	90	130
Other paper board—do	[1] 52,223	40,389	40,339	24,725	18,928	21,113	2,291	1,991	1,417	814	663	795
Sheathing and building paper—do	[1] 7,479	16,171	15,026	6,997	7,216	7,770	[1] 334	591	440	187	177	220
Fiber insulating lath or board—1,000 sq. ft		[5] 46,259	37,627	24,891	33,051	34,039		[5] 1,512	1,200	642	853	982
Wall board of paper or pulp—do	[1] 14,907	46,296	18,499	6,715	9,760	10,136	544	1,537	591	182	242	277
Blotting paper—1,000 lbs	[6] 2,186	3,497	1,852	1,093	1,583	1,877	[9] 326	414	211	117	148	185

[1] Average for years 1922–25.
[2] Average for years 1927–30.
[3] Average for years 1923–25.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–30.
[8] Average for years 1924 and 1925.
[17] 1925 only.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 4.—WOOD AND PAPER—Continued												
F. Paper and manufactures—Continued.												
Filing folders, index cards, and other office forms—1,000 lbs.	[9] 550	1,324	1,300	972	843	877	[9] 190	456	438	311	272	307
Papeteries (fancy writing paper)—do.	[1] 5,926	734	273	193	128	186	1,719	190	70	45	29	45
Other writing paper—do.		19,705	14,665	12,529	13,527	18,514		2,288	1,309	859	884	1,265
Paper hangings (wall paper)—1,000 rolls		[2] 3,227	2,363	766	781	800	555	573	288	80	64	89
Paper bags—1,000 lbs.	[1] 10,930	11,049	11,894	8,571	10,948	13,457	975	940	827	485	530	744
Boxes and cartons—do.	[1] 12,746	24,562	14,432	11,180	6,929	9,763	1,126	1,645	932	628	444	634
Envelopes—do.	[1] 2,588	2,459	1,546	1,063	921	877	[1] 502	423	237	149	129	146
Vulcanized fiber sheets, strips, rods, and tubes—1,000 lbs.		5,172	3,454	2,246	2,801	3,546	1,351	1,387	962	666	727	951
Cash-register and adding-machine paper—do.	[1] 1,242	3,524	8,798	4,898	2,571	3,196	141	347	686	355	203	246
Other paper and paper products							4,994	5,006	3,147	2,112	1,870	2,229
GROUP 5.—NONMETALLIC MINERALS												
Total							582,352	706,964	373,914	277,834	270,820	321,853
A. Coal and related fuels—1,000 tons of 2,240 lbs.	20,508	22,239	13,088	9,597	9,562	11,704	131,112	121,800	64,542	44,543	40,409	56,884
Coal—												
Anthracite—do.	3,502	2,973	1,588	1,164	924	1,159	38,476	32,750	17,062	12,064	9,040	11,082
Bituminous—do.	16,350	18,349	10,827	7,870	8,069	9,704	86,482	82,308	43,395	29,688	28,572	40,382
Fuel or bunker coal for vessels in foreign trade (not included in exports)—1,000 tons of 2,240 lbs.	*4,908*	*4,863*	*1,960*	*1,204*	*1,175*	*1,179*	*31,588*	*23,126*	*9,639*	*5,534*	*5,241*	*5,792*
Coke—do.	[2] 655	916	673	563	569	842	6,154	6,743	4,085	2,791	2,797	5,420
B. Petroleum and products							405,052	524,364	270,500	208,381	200,016	227,537
Petroleum, crude—1,000 bbls. of 42 gals.	13,330	20,062	25,535	27,391	36,584	41,127	22,487	30,236	20,828	27,106	31,979	49,756
Natural gasoline—do.				308	1,657	1,495				533	3,395	2,729
Refined oils—do.	76,454	119,700	91,009	69,348	61,419	64,750	363,586	464,733	232,294	168,139	151,269	159,521
Gasoline, naphtha, and other finished light products—1,000 bbls. of 42 gals.	21,100	52,154	43,787	33,823	25,996	21,566	152,051	244,577	109,301	79,081	57,520	51,233
Illuminating oil—do.	20,446	19,945	12,534	10,867	8,764	9,607	85,381	84,049	34,796	23,732	19,209	20,792
Gas and distillate fuel oil—do.	26,558	37,429	26,588	8,118	10,232	13,398	41,207	42,278	23,966	9,295	12,348	17,883
Residual fuel oil—do.				9,713	8,223	12,579				6,877	5,962	10,469
Fuel or bunker oil for vessels in foreign trade (not included in exports)—1,000 bbls. of 42 gals.	*36,501*	*50,198*	*43,714*	*38,152*	*32,272*	*29,899*	*55,842*	*62,345*	*38,845*	*29,392*	*27,103*	*31,264*
Lubricating oil—do.	8,332	10,017	7,994	6,731	3,111	7,510	84,439	91,733	62,986	48,281	55,389	58,234
Red and pale—do.	[3] 4,994	6,241	4,870	4,145	4,966	4,664	[3] 42,240	51,436	35,747	27,478	31,118	32,278
Black—do.	[3] 1,075	833	635	478	519	434	[3] 6,214	4,194	2,435	1,648	1,736	1,834
Cylinder—do.	[3] 2,892	2,943	2,489	2,108	2,626	2,413	[3] 35,831	36,103	24,804	19,155	22,534	24,123
Mineral spirits (substitute for turpentine)—1,000 bbls. of 42 gals.	[3] 24	55	51	45	57	46	[3] 337	495	408	277	327	284

Insulating or transformer oils	do		86	48	47	32	38		1,042	502	411	327	366
Light lubricating oils in small packages	1,000 bbls. of 42 gals	[3] 14	14	7	4	4	7	[3] 510	560	334	185	186	269
Lubricating greases	1,000 lbs	[1] 81,673	104,129	74,081	64,768	73,362	83,500	4,395	5,523	3,542	2,788	2,954	3,651
Paraffin wax	do	311,435	336,174	290,484	235,264	248,274	199,243	13,828	15,077	8,425	6,267	6,979	7,833
Unrefined	do	77,789	78,695	90,581	77,605	96,906	85,390	2,938	2,935	2,132	1,709	2,352	3,093
Refined	do	233,646	257,478	199,903	157,659	151,367	113,853	10,891	12,143	6,293	4,558	4,627	4,740
Petroleum asphalt	tons of 2,240 lbs	[17] 79,477	341,746	257,231	183,934	182,171	199,916	[17] 1,762	7,424	4,941	3,168	2,861	3,383
Petroleum coke	do		102,335	49,979	79,777	169,991	102,025		1,045	395	380	580	663
Residuum including road oil	1,000 bbls. of 42 gals	131	100	21				403	325	76			
C. Stone, sand, cement, and lime								5,537	5,871	2,792	1,532	1,934	1,885
Marble in blocks, rough or dressed	cu. ft	[1] 59,498	75,805	32,443	30,691	11,585	11,475	[1] 238	303	141	100	46	45
Roofing slate	squares	[1] 8,363	8,062	4,174	1,792	1,155	1,128	82	87	45	12	7	10
Other building or monumental stone	1,000 cu. ft	[1] 918	584	284	73	30	43	388	607	209	76	36	40
Other manufactures of stone								1,047	1,166	628	274	245	355
Sand and gravel	1,000 tons of 2,240 lbs	[1] 368	427	195	86	74	30	455	637	418	212	55	42
Cement, hydraulic	1,000 bbls.[19]	1,042	851	430	375	680	566	3,209	2,854	1,221	802	1,488	1,333
Lime	do.[20]	110	157	119	36	37	38	166	216	130	56	58	60
D. Glass and glass products								10,053	9,642	6,897	4,067	4,305	5,894
Plate and window glass—													
Window glass, common	box, 50 sq. ft	41,496	20,364	8,486	2,520			243	116	41	15		
Plate glass unsilvered	1,000 sq. ft	2,098	1,924	3,708	2,925	3,831	4,292	852	610	1,115	813	1,170	1,271
Other window and plate glass	1,000 lbs	[1] 2,481	4,263	2,859	991	1,366	3,217	[1] 274	420	294	130	154	219
Glass containers (bottles, vials, and jars)								3,245	3,252	2,087	1,106	1,116	1,519
Table glassware, plain								[1] 1,808	1,442	877	483	405	759
Table and other glassware, cut or engraved								182	136	80	36	19	36
Lamp chimneys and lantern globes	1,000 lbs	[1] 1,803	1,662					[1] 345	328	33	54	54	98
Globes and shades for lighting fixtures	do	[1] 1,558	1,785					[1] 451	637	410	203	154	218
Chemical glassware	do	[1] 247	246	160	118	134	215	190	216	152	109	116	179
Glass electric insulators	do	[1] 2,506	4,037	1,330	822	731	839	[1] 217	358	86	42	38	57
Other glassware								2,863	2,127	1,672	1,076	1,079	1,539
E. Clays and clay products								7,224	9,857	6,364	3,253	3,803	5,724
Clays—													
Fire clay	tons of 2,240 lbs	32,831	52,714	40,459	19,720	28,957	32,190	263	469	329	228	265	308
Other clays	do	37,136	54,465	54,812	52,922	59,012	75,236	346	898	916	827	970	1,148
Pottery—													
China and porcelain ware—								[1] 168	174	92	46	57	74
Table, toilet, or kitchen ware													
Electrical porcelain—													
For less than 6,600 volts	1,000 lbs	[1] 7,889	5,069	1,930	599	535	826	[1] 1,646	701	241	84	95	143
For 6,600 volts and over	do		4,637	5,835	1,435	1,414	2,651		772	907	205	166	313
Other china and porcelain ware								162	173	116	113	125	151
Water-closet sets								658	1,354	223	150	223	263
Other earthenware plumbing fixtures										355	167	147	243
Other earthen, stone, and crockery ware								1,063	846	216	96	142	161
Crucibles, clay and graphite	1,000 pieces	[1] 444	542	350				[1] 103	119	66			

[1] Average for years 1922–25. [2] 1930 only. [3] Average for years 1923–25. [4] Average for years 1924 and 1925. [17] 1925 only. [19] Of 376 pounds. [20] Of 200 pounds.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 5.—NONMETALLIC MINERALS—Continued												
E. Clays and clay products—Continued.												
Bricks and tiles—												
Fire-clay bricks.....thousands	31,272	27,937	17,526	7,551	8,923	16,526	1,358	825	832	465	531	1,005
Other refractory bricks.....do	[1] 8,994	15,376	4,739	2,951	4,122	6,250	[1] 788	1,443	491	254	381	718
Refractory shapes.....1,000 lbs	[1] 23,940	58,330	16,937	8,537	11,222	13,355	[1] 557	1,264	476	286	393	717
Building bricks and hollow tile...thousands	11,226	14,211	11,691	1,812	642	1,561	290	311	320	48	18	31
Wall and floor tiles.....1,000 sq. ft	[1] 6,061	3,243	780	336	324	704	475	430	276	96	84	165
High-temperature cements.....1,000 lbs	----------	[5] 5,265	4,695	3,240	3,260	4,626	----------	[5] 188	246	127	132	194
Other terra-cotta and ceramic manufactures	----------	----------	----------	----------	----------	----------	----------	----------	263	64	73	90
F. Precious stones, including pearls	----------	----------	----------	----------	----------	----------	[1] 72	81	44	83	13	95
G. Other nonmetallic minerals	----------	----------	----------	----------	----------	----------	23,317	35,349	22,776	15,975	20,339	23,834
Abrasives	----------	----------	----------	----------	----------	----------	4,980	7,738	4,583	2,834	3,521	4,914
Wheels of emery and corundum...1,000 lbs	[1] 1,665	704	286	155	498	306	699	246	115	64	213	113
Grindstones.....do	[1] 10,734	9,416	2,405	3,078	2,895	4,490	419	481	105	86	89	144
Other natural abrasives, hones, whetstones, etc.....1,000 lbs	----------	8,630	6,976	5,371	7,120	8,793	3,861	396	232	147	159	255
Artificial abrasives, crude or in grains.do	----------	14,650	13,232	6,961	13,386	22,086		940	912	547	927	1,323
Wheels of artificial abrasives.....do	----------	5,530	3,296	1,816	1,563	3,050		1,992	1,285	662	584	1,093
Abrasive paper and cloth.....1,000 reams	----------	[6] 260	110	88	100	124		2,947	1,368	989	1,143	1,467
Other artificial abrasives.....1,000 lbs	----------	6,634	4,100	1,796	2,196	3,602		736	566	339	407	519
Asbestos—												
Unmanufactured.....tons of 2,240 lbs	706	668	1,530	1,524	1,230	1,490	73	137	122	95	89	94
Paper, millboard, and roll board...1,000 lbs	[1] 2,548	1,722	1,269	587	879	1,204	[1] 139	141	126	61	63	96
Pipe covering and cement.....do	[1] 4,622	5,519	2,100	2,453	1,819	2,779	[1] 304	331	120	136	94	126
Textiles, yarn, and packing.....do	[1] 1,068	1,655	1,271	904	1,036	1,239	[1] 689	900	662	431	510	595
Brake lining.....1,000 lin. ft	----------	[7] 4,379	----------	----------	----------	----------	[17] 863	1,147	1,140	696	725	862
Other manufactures, except roofing...1,000 lbs	[1] 2,831	3,570	2,393	1,294	1,677	1,598	1,039	413	248	134	109	147
Asphalt and bitumen, natural—												
Unmanufactured.....tons of 2,240 lbs	46,564	31,157	16,944	11,040	12,327	13,563	1,219	877	531	449	554	579
Manufactures, except roofing.....1,000 lbs	[1] 63,930	53,289	29,686	15,368	13,317	25,124	957	1,079	579	318	233	348
Carbons and electrodes—												
Electrodes for electric furnaces.....do	[17] 12,203	14,976	11,177	9,515	15,165	16,401	[17] 1,214	1,980	1,427	1,029	1,473	1,833
Other carbon products.....do	[1] 25,647	17,150	3,900	----------	----------	----------	1,766	993	542	380	426	1,388
Graphite, crude, refined, and manufactures 1,000 lbs	[1] 3,726	3,734	2,376	1,580	1,828	2,489	491	438	249	173	183	250
Chalk manufactures.....do	[1] 1,288	1,502	965	665	717	591	205	202	123	74	79	65
Gypsum—												
Crude, crushed, or ground..tons of 2,240 lbs	----------	[7] 3,035	4,020	3,196	3,370	2,311	----------	[7] 26	38	19	11	12
Plaster board and wall board...1,000 sq. ft	----------	[8] 11,969	6,387	1,982	1,647	1,896	----------	[8] 380	158	46	36	43
Plaster, calcined, and manufactures, n. e. s.[21] 1,000 lbs	----------	43,439	13,547	2,678	3,119	4,528	472	508	197	72	72	79
Mica and manufactures.....do	[1] 1,720	3,955	5,239	3,099	3,126	3,502	167	252	253	123	118	189

Sulphur—												
Sulphur or brimstone, tons of 2,240 lbs.	471,093	699,957	407,586	352,610	522,515	507,115	7,504	14,312	8,837	7,179	9,878	9,365
Refined, sublimed, and flowers, 1,000 lbs.	[1] 5,114	32,679	27,198	16,285	19,629	22,652	[1] 120	538	432	266	317	398
Magnesia and manufactures, do.	[1] 4,402	6,214	2,905	1,220	1,390	2,554	[1] 280	367	201	91	92	241
Salt, do.	268,042	255,134	197,420	127,162	210,355	210,731	1,313	1,104	775	478	627	616
Other nonmetallic mineral products							1,491	1,570	1,428	881	1,130	1,595
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES												
Total							415,488	463,765	180,903	84,769	107,396	139,956
A. Iron ore, 1,000 tons of 2,240 lbs.	677	1,021	436	83	155	609	2,994	3,823	1,658	220	647	2,243
B. Iron and steel semimanufactures							73,209	90,192	32,275	14,517	25,789	56,901
Pig iron, not containing alloys, tons of 2,240 lbs.	32,929	44,182	6,719	2,324	2,750	4,096	823	808	151	54	64	97
Iron and steel scrap (including tin-plate scrap), tons of 2,240 lbs.	69,735	355,178	136,125	227,522	773,406	1,835,170	1,104	5,097	1,957	1,859	6,874	19,188
Steel ingots, blooms, billets, slabs, and sheet bars, tons of 2,240 lbs.	8,463	20,771	7,965	1,627	3,159	19,586	429	846	332	64	114	577
Iron and steel bars and rods—												
Iron bars, 1,000 lbs.	} 352,528	9,932	2,278	1,381	1,509	2,249	} 11,065	353	96	43	55	84
Steel bars, do.		301,215	95,229	34,428	49,842	96,230		7,969	2,329	827	1,151	2,126
Alloy steel bars, do.		21,318	6,647	3,633	4,024	6,518		1,179	499	251	267	525
Wire rods, do.	62,816	70,078	71,960	33,192	37,803	53,160	1,445	1,518	1,297	583	608	815
Iron and steel plates, sheets, skelp, and strips—												
Boiler plate, 1,000 lbs.	} 332,532	24,488	1,119	1,832	1,851	3,503	} 9,297	508	32	46	40	107
Other plates, not fabricated, do.		307,326	94,019	21,228	28,961	78,670		7,073	1,878	478	592	1,505
Skelp iron or steel, do.	[1] 207,595	254,483	126,556	57,091	52,102	128,501	[1] 4,210	4,844	2,369	910	822	2,099
Iron or steel sheets, galvanized, do.	245,762	326,161	115,412	60,310	120,637	153,527	11,825	14,422	4,294	1,982	3,682	4,630
Iron sheets, galvanized, do.		[2] 14,038	9,651	3,164	2,606	3,194		[2] 812	531	168	126	153
Steel sheets, galvanized, do.		[2] 195,369	105,861	57,146	118,032	150,333		[2] 7,986	3,763	1,814	3,556	4,477
Steel sheets, black, do.	354,650	366,943	205,600	85,742	83,055	203,846	13,932	12,922	6,918	2,844	2,465	6,025
Iron sheets, black, do.	28,691	35,851	12,372	5,513	6,162	9,687	1,420	1,603	447	176	196	317
Strip steel, cold rolled, do.	[1] 21,492	32,284	19,930	12,450	17,992	31,744	[1] 914	1,258	740	500	624	1,110
Hoop, band, and scroll iron or steel, do.	58,119	83,449	43,307	27,371	27,368	33,907	2,134	2,402	1,095	627	603	822
Tin plate, terneplate, and tagger's tin, do.	282,790	550,948	189,131	88,710	213,335	413,618	15,635	27,388	7,841	3,273	7,650	16,873
C. Steel-mill products—Manufactures							93,568	80,475	30,913	14,338	19,742	31,777
Structural iron and steel—												
Water, oil, gas, and other tanks complete, and knocked down material for, 1,000 lbs.		[2] 45,898	27,848	6,837	6,896	17,589		[2] 2,387	1,132	267	305	596
Structural shapes—												
Not fabricated, tons of 2,240 lbs.	} 158,362	187,406	88,710	14,385	14,089	31,392	} 11,319	8,376	3,437	590	535	1,322
Fabricated, do.		44,727	24,862	8,639	13,893	18,173		4,169	2,327	629	940	1,391
Ship and tank plates, punched or shaped, 1,000 lbs.	15,494	12,875	3,415	2,400	3,137	5,836	533	381	84	64	82	135
Metal lath, do.	[3] 5,409	11,394	5,393	3,294	2,254	2,493	[3] 419	800	350	183	135	159
Other structural shapes, do.	[1] 112,974	90,833	12,869	16,947	6,820	6,437	[1] 4,094	3,407	358	336	184	178

[1] Average for years 1922–25. [2] 1930 only. [3] Average for years 1923–25. [5] Average for years 1929 and 1930. [7] Average for years 1928–30.
[8] Average for years 1927–30. [10] 1925 only. [21] Includes "crude, crushed, or ground" prior to Jan. 1, 1928.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 6.—METALS AND MANUFACTURES—Contd.												
C. Steel-mill products—Manufactures—Continued.												
Railway track material—												
Rails, tons of 2,240 lbs.	245,301	159,463	33,108	11,320	41,481	69,159	10,722	6,053	1,289	428	1,227	2,121
50 pounds and over per yard, do.	203,485	141,336	25,357	10,408	37,629	63,505	[1] 7,926	5,399	1,008	395	1,105	1,953
Less than 50 pounds per yard, do.	22,686	18,126	7,751	912	3,852	5,654	[1] 877	654	281	33	122	169
Rail joints, splice bars, fishplates, and tie-plates, 1,000 lbs.	[1] 60,422	48,880	10,970	4,410	20,446	23,817	3,375	1,461	378	121	473	596
Switches, frogs, and crossings, do.		13,163	2,833	1,668	1,692	3,934		1,020	270	96	94	263
Railroad spikes, do.	18,086	9,701	2,595	1,554	5,319	7,289	649	303	74	39	192	225
Railroad bolts, nuts, washers, and nut locks, 1,000 lbs.	[1] 5,187	4,525	1,722	752	2,862	2,883	[1] 292	284	155	43	174	162
Tubular products and fittings—												
Boiler tubes, do.	[1] 3,070	38,577	15,836	8,237	8,778	18,470	2,175	2,149	885	567	483	1,085
Casing and oil line pipe, do.	499,525	234,593	49,221	38,694	87,820	127,930	26,145	10,377	2,469	1,792	3,431	5,668
Seamless black pipe, other than casing and oil-line, 1,000 lbs.				1,340	3,151	5,981				95	195	323
Welded black pipe, do.		184,237	76,852	33,163	34,228	48,518		7,322	2,806	1,157	1,017	1,621
Welded galvanized pipe, do.		89,705	58,528	36,024	45,823	54,873		3,863	2,372	1,306	1,477	2,031
Malleable iron screwed pipe fittings, do.		25,006	10,102	3,759	5,600	6,676		3,343	1,401	485	666	955
Cast-iron screwed pipe fittings, do.	73,861	20,564	4,797	1,684	2,979	5,916	4,746	1,725	527	181	246	479
Cast-iron pressure pipe and fittings, do.		27,299	29,108	10,580	14,834	23,105		1,173	654	218	323	580
Cast-iron soil pipe and fittings, do.		30,243	13,550	6,586	8,195	10,631		1,019	481	192	232	376
Riveted steel or iron pipe and fittings, do.				363	315	1,120				33	24	84
Wire and manufactures—												
Plain iron or steel wire, do.	155,619	37,009	13,171	9,600	21,397	34,338	6,339	1,634	581	385	569	978
Galvanized wire, do.		45,820	18,548	9,198	27,702	47,464		1,315	463	212	639	1,236
Barbed wire, do.	146,069	115,235	48,068	37,524	65,060	80,811	5,293	3,310	1,049	791	1,508	2,053
Woven-wire fencing, do.	[1] 7,816	10,678	5,929	2,220	2,025	3,073	477	586	282	104	90	139
Woven-wire screen cloth, do.	[1] 3,904	4,200	1,938	1,419	1,619	2,159	[1] 731	685	298	199	215	286
Wire rope, do.	[1] 13,091	11,732	5,604	3,525	4,951	6,005	1,697	1,505	666	410	508	716
Insulated iron or steel wire and cable, do.		1,559	673	191	55	158		259	108	28	7	24
Other wire and manufactures, do.	[1] 28,030	20,701	10,392	4,657	6,382	10,529	2,385	2,029	997	527	651	996
Nails and bolts (except railroad)—												
Cut nails, do.	4,769	2,189	307	354			193	95	16	21		
Wire nails, do.	71,955	25,866	19,797	16,912	22,958	29,568	2,834	801	485	370	509	748
Horseshoe nails, do.	13,162	2,193	1,386	1,515	1,326	1,757	1,453	244	147	160	135	186
Tacks (except thumb tacks), do.		1,643	1,218	860	996	1,116		231	143	101	117	134
Other nails, including staples, do.		12,957	5,635	4,837	6,561	8,183		993	301	174	224	297
Bolts, machine screws, nuts, rivets, and washers, except railroad, 1,000 lbs.	42,973	29,163	10,876	6,081	8,244	11,526	3,499	2,476	1,049	625	809	1,340
Castings and forgings—												
Iron castings, do.	[1] 31,338	22,495	9,693	7,610	9,418	15,623	2,742	1,436	689	374	422	667
Steel castings, do.		19,928	6,952	2,629	2,140	5,483		2,289	743	290	209	575
Car wheels and axles, do.	[1] 44,862	38,885	14,149	6,462	8,884	16,143	2,000	1,354	430	210	239	449

Horseshoes	do	1,893	1,041	342	225	323	390	132	73	21	14	23	20
Iron and steel forgings n. e. s.	do	[1] 5,178	17,811	16,562	8,264	7,052	9,460	515	1,459	997	521	424	584
D. Iron and steel, advanced manufactures								88,608	78,177	37,112	19,780	19,970	27,745
Cutlery								7,286	9,687	2,933	2,129	1,979	2,102
Razors, safety	1,000 doz	7,471	374	212	43	39	29	4,774	662	306	87	103	98
Safety-razor blades	do		10,690	4,449	3,986	2,360	1,780		6,818	1,593	1,255	798	462
Scissors and shears	dozens	[2] 78,358	31,112	14,334	5,197	6,182	13,593	[1] 263	144	172	48	49	97
Table and kitchen cutlery	1,000 doz	[1] 496	397	117	60	102	149	778	538	172	70	108	159
Other cutlery and parts								1,523	1,526	759	689	921	1,286
Hollow ware—													
Tin and galvanized hollow ware	1,000 lbs		6,495	4,326	2,229	2,997	2,798	1,696	802	486	234	293	313
Tin cans, finished or unfinished	do	[1] 11,723	10,061	7,507	5,897	5,015	10,221		1,103	909	674	572	1,003
Enameled ware of iron or steel—													
Bathtubs	number	18,080	18,427	5,914	3,381	4,981	8,019	557	641	189	92	124	204
Lavatories, sinks, and other plumbing fixtures	number	[1] 48,899	52,164	26,605	17,709	21,723	22,117	632	601	262	141	156	171
Enameled household ware	1,000 lbs	[1] 3,999	[3] 2,814	1,619	638	501	918	1,017	549	275	110	84	163
Metal furniture and fixtures—													
Sheet-metal lockers and storage cabinets	number			10,800	4,938	4,790	5,569			124	47	38	53
Sheet-metal shelving and wall bins										131	49	24	24
Sheet-metal filing cases, not insulated	number	[1] 28,684	59,295	23,644	10,570	12,057	15,223	[1] 1,006	1,974	613	249	278	398
Safes and insulated cabinets	number	6,883	18,236	9,554	4,745	2,983	4,041	694	976	572	273	163	242
Bank and safety deposit vaults and equipment								[9] 202	526	878	106	133	147
Other office furniture and fixtures								624	941	417	178	166	259
Metal beds and bed springs	number		169,875	108,076	51,766	39,137	50,355	2,132	1,419	716	314	232	322
Other metal furniture									1,446	380	138	127	180
Stoves and furnaces, except electric—													
Coal and wood cooking stoves and ranges	number		12,073	3,611	2,090	1,601	2,053		318	84	57	44	70
Heating stoves and warm-air furnaces	do		14,716	7,256	1,461	443	4,099		286	119	30	11	69
Gas stoves, ranges, and water heaters	do		43,061	17,837	8,392	6,235	7,889	2,559	867	367	124	101	146
Kerosene cooking stoves and heaters	do		141,164	82,406	33,449	19,873	32,841		1,342	747	296	155	302
Gasoline cooking stoves and heaters	do			10,114	5,282	4,406	6,587			90	34	33	46
Parts of stoves and ranges	1,000 lbs		4,525						965	747	470	326	434
House-heating boilers and radiators	1,000 sq. ft		[7] 3,497	1,710				815	1,644	485	247	152	215
Oil burners and parts										1,521	1,090	1,140	1,095
Tools								16,914	17,907	8,076	3,958	5,134	7,623
Axes (broad and hand)	1,000 doz	99	91	24	19	49	59	1,220	979	264	177	379	548
Hack-saw blades	1,000 gross		[8] 253	180	117	149	136			854	557	693	666
Shelf and hardware saws	thousands		[8] 476	274	180	375	370	1,986	1,980	201	63	110	195
Other saws, except hack saws										86	53	62	85
Augers and bits, woodworking	dozens		83,277	37,976	11,483	15,830	28,303	964	271	124	30	61	93
Files and rasps	1,000 doz	[1] 1,998	2,261	1,438	1,059	1,265	1,507	2,575	2,678	1,626	990	1,245	1,640
Hammers and hatchets	do	[1] 59	65	21	9	18	31	413	333	100	41	80	140
Hand hoes and rakes	thousands	[1] 379	319	126	111	162	270	[1] 173	131	49	36	55	98

[1] Average for years 1922–25.
[2] Average for years 1929 and 1930.
[3] Average for years 1928–30.
[7] Average for years 1927–30.
[8] Average for years 1927–30.
[9] Average for years 1924 and 1925.

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No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 6.—METALS AND MANUFACTURES—Contd.												
D. Iron and steel, etc.—Continued.												
Tools—Continued.												
Shovels and spades, 1,000 doz.	[1] 48	34	14	8	13	18	497	353	113	68	101	164
Vises [22], thousands	[2] 116	88	14	7	7	14	[2] 247	203	59	24	22	53
Automotive wrenches								[3] 315	173	101	117	274
Other wrenches (except automotive)								[3] 879	349	157	208	308
Drills and reamers								[3] 757	510	142	203	312
Taps, dies, screw plates, and pipe stocks								[3] 1,559	455	226	269	580
Mechanics' and other hand tools, n. e. s.								[3] 2,989	3,113	1,287	1,540	2,469
Hardware							8,495	8,454	4,072	1,939	1,900	2,725
Padlocks, 1,000 doz.		199	73	30	38	80		487	216	91	100	238
Door locks and lock sets, do.		64	37	19	23	32	2,035	540	339	170	144	226
Cabinet and other locks, do.		164	82	40	38	56		343	191	95	72	105
Hinges and butts, iron or steel, 1,000 doz. prs.		594	145	71	65	85	[1] 914	533	188	89	78	111
Other builders' hardware							[1] 1,801	1,671	925	426	417	518
Furniture hardware							[1] 355	404	205	73	84	121
Saddlery and harness hardware							[1] 332	194	71	54	50	88
Car and marine hardware							[1] 212	240	83	40	38	73
Other hardware							[1] 3,013	4,042	1,856	901	917	1,247
Needles, hand and machine, thousands	[1] 64,868	63,120	47,293	39,085	26,558	22,972	544	760	569	429	310	332
Sprocket and other power transmission chains, 1,000 lbs.	[1] 12,977	5,710	2,502	1,588	1,967	3,044	2,256	1,265	687	413	486	723
Other chains, do.		9,627	3,705	1,546	2,064	3,339		1,278	468	187	211	346
Automatic scales (except coin operated), number	[1] 112,934	12,935	7,022	10,301	10,330	22,435	2,049	942	551	194	245	300
Other scales and balances n. e. s., do.		115,384	50,052	31,165	51,222	50,892		1,243	415	192	227	366
Wood screws, 1,000 gross	7,965	7,427	4,016	986	444	422	1,196	807	437	158	73	49
Other iron and steel manufactures							19,255	19,443	8,741	5,225	5,053	7,333
E. Ferro-alloys							439	942	1,447	717	2,932	1,964
Ferromanganese and spiegeleisen, tons of 2,240 lbs.	3,008	3,907	1,306	33	47	222	118	109	39	2	3	13
Ferrotungsten, tungsten metal, and wire, pounds	[1] 6,050	39,795	1,057,754	140,783	853,912	704,230	[1] 106	198	624	173	461	454
Other ferro-alloying ores and metals, 1,000 lbs.	[3] 4,848	8,874	15,527	10,121	18,131	19,806	286	635	784	542	2,468	1,497
F. Nonferrous metals, except precious							173,483	205,701	75,347	33,210	36,946	68,276
Aluminum							6,538	11,640	6,184	2,615	1,975	3,419
Bauxite and other ores and concentrates, tons of 2,240 lbs.	51,969	112,133	88,370	28,474	21,760	51,415	2,589	5,091	3,309	1,162	646	1,040
Ingots, scrap, and alloys, 1,000 lbs.	3,049	1,545	1,511	3,905	5,515	8,053	674	305	132	318	539	1,142
Plates, sheets, bars, strips, and rods, do.	3,165	12,905	3,190	532	193	313	1,015	3,182	853	151	61	107
Tubes, moldings, castings, and other shapes, 1,000 lbs.	[1] 1,979	1,796	1,292	839	454	514	[1] 644	581	552	337	160	208

Table, kitchen, and hospital utensils							647	601	387	202	197	297
Other aluminum manufactures							1,227	1,878	931	445	371	625
Copper	1,000 lbs.[23]	376,676	983,840	557,874	328,229	349,254	625,486	129,760	149,999	54,748	21,237	24,918	49,765
Ores, concentrates, composition metal, and unrefined copper (copper content)	1,000 lbs.	686	4,458	300	32,866	45,428	32,766	95	572	24	1,473	3,230	2,701
Refined copper in ingots, bars, or other forms	1,000 lbs.	791,171	828,927	405,396	221,955	249,164	524,733	111,475	123,015	38,099	13,538	16,931	39,651
Old and scrap copper	do.	4,852	38,366	67,177	34,353	28,437	25,190	601	4,744	5,498	2,013	1,647	1,827
Pipes and tubes	do.	2,424	3,218	2,071	1,196	802	1,468	639	834	415	213	134	298
Plates and sheets	do.	7,074	7,090	4,537	1,672	1,133	9,522	1,475	1,425	645	233	179	961
Rods	do.	48,908	66,192	58,831	28,104	15,579	19,544	7,263	10,467	6,178	2,294	1,174	1,745
Wire	do.	10,852	14,325	6,268	1,889	2,571	4,216	1,962	2,521	805	197	247	417
Insulated copper wire and cable	do.	[1] 13,386	21,264	13,295	6,183	6,140	8,047	4,498	5,123	2,563	1,039	1,098	1,664
Other copper manufactures								1,763	1,298	517	237	278	501
Brass and bronze								11,084	15,862	6,293	3,565	3,373	6,222
Scrap and old[24]	1,000 lbs.	32,074	65,962	23,184	30,145	30,695	60,393	3,472	6,461	1,519	1,255	1,368	3,287
Ingots[24]	do.			1,169	155	131	77			105	11	11	9
Bars and rods[25]	do.	4,501	2,926	2,080	1,255	771	1,250	836	547	287	155	114	209
Plates and sheets[26]	do.		1,696	647	433	263	528		400	133	76	54	110
Pipes and tubes	do.	[1] 2,572	4,236	3,189	1,545	855	708	700	1,052	557	228	151	143
Pipe fittings and valves	do.	[1] 2,992	3,709	1,859	827	843	1,284	[1] 1,661	2,005	1,014	486	479	720
Hinges and butts of brass or bronze	doz. prs.		[5] 28,976	16,183	13,046	8,945	12,840	[1] 359	781	38	29	25	26
Other hardware of brass or bronze										337	168	149	235
Plumbers' brass goods	1,000 lbs.		836	706	351	432	600		476	376	183	214	306
Wire of brass or bronze	do.	1,064	1,344	1,235	233	240	417	339	439	315	51	50	99
Brass wood screws	1,000 gross		[3] 556	306	76	42	65		[3] 152	66	21	14	21
Other brass and bronze manufactures								4,121	3,579	1,546	902	743	1,058
Lead	1,000 lbs.	126,998	184,722	44,866				8,884	10,305	1,462	1,236	1,173	948
In pigs, bars, etc.	do.	117,300	171,098	43,027	46,775	45,663	11,813	7,368	8,599	1,219	1,010	833	305
Sheets	do.				212	348	306				11	17	18
Pipe	do.				42	181	51				3	8	4
Solder	do.				424	413	535				61	81	139
Other lead manufactures	do.	[1] 12,122	13,624	1,839				1,517	1,706	243	151	234	484
Nickel—													
Nickel, Monel metal, and alloys	do.	3,203	2,353	1,777	2,059	1,509	4,576	604	847	648	635	547	1,505
Manufactures								268	959	438	432	505	739
Tin and manufactures								1,533	2,155	186	162	818	677
Zinc								2,119	6,564	1,023	1,038	943	1,402
Ore, concentrates, and dross	1,000 lbs.	48,450	67,708	702	356	1,617	7,242	1,556	1,573	20	8	44	157
Cast in slabs, plates, blocks, or pigs	do.	92,236	53,083	1,286	12,943	2,289	10,211	6,349	3,543	51	278	79	284
Rolled in sheets, strips, etc.	do.	6,647	8,808	5,518	6,020	6,376	6,924	605	940	461	433	468	569
Dust	do.	[1] 5,094	2,355	2,800	2,756	3,138	2,978	[1] 389	226	204	189	234	224
Other zinc manufactures	do.	[1] 926	2,101	2,046	1,251	1,343	1,392	207	283	288	130	118	167

[1] Average for years 1922–25. [3] Average for years 1923–25. [5] Average for years 1929 and 1930. [9] Average for years 1927–30. [7] Average for years 1924 and 1925.
[22] "Vises and clamps" prior to Jan. 1, 1928. [23] Not including pounds of "other copper manufactures." [24] Prior to 1925 data are "scrap and old fit only for manufacture."
[25] Prior to 1925 data are "ingots, plates, sheets, bars, and rods."

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 6.—METALS AND MANUFACTURES—Contd.												
F. Nonferrous metals, except precious—Continued.												
Nickel silver, or German silver in bars, rods, or sheets—1,000 lbs.	[1] 407	1,307	410	237	330	531	187	318	72	43	58	96
Babbitt metal—do	1,239	1,646	1,005	752	824	977	342	523	214	151	225	325
Nickel chrome electric resistance wire—do			176	230	263	345			253	251	285	373
Other metal and alloys—do	[1] 1,388	5,474	7,223	6,145	7,741	7,683	[1] 560	1,326	1,682	921	1,216	1,424
Plated ware, other than gold or silver							888	952	403	170	170	309
Type—1,000 lbs.	585	665	240	165	91	139	337	363	121	67	50	78
Other metal and metal composition manufactures, n. e. s.							3,490	3,887	1,639	687	690	995
G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin							3,138	4,457	2,151	1,989	1,370	1,051
Platinum—												
Ingots, sheets, wire, alloys, and scrap—ozs. (troy)	5,593	8,830	1,209	20,106	23,686	1,897	589	741	41	665	609	83
Manufactures, except jewelry—do	1,481	1,568	1,190	2,032	1,323	759	115	121	48	107	57	35
Jewelry							827	1,264	855	372	362	611
Tableware, including cutlery—												
Sterling silver							946	789	247	17	24	17
Silver plated										74	82	105
Other, including gold and pewter										19	42	57
Gold manufactures, n. e. s.							662	1,264	861	641	142	91
Silver manufactures, n. e. s.								276	99	95	54	51
GROUP 7.—MACHINERY AND VEHICLES												
Total							531,382	934,545	484,586	221,745	236,739	435,068
A. Electrical machinery and apparatus							68,838	102,711	83,941	43,039	43,580	66,525
Generators—												
Direct current—												
Under 500 kilowatts—number	[1] 8,462	3,367	889	293	167	233	4,149	1,021	288	59	62	86
500 kilowatts and over—do		80	7	2				611	187	15		
Alternating current—												
Under 2,000 kilovolt-amperes—do		308	234	100	97	200		239	138	158	80	144
2,000 kilovolt-amperes and over—do		24	12	6	9	12		748	1,367	689	326	267
Steam turbine generator sets—do	[2] 444	1,008	168	103	49	148	[2] 436	1,342	1,024	109	746	167
Accessories and parts for generators							[1] 1,130	968	1,118	560	210	407
Arc welding sets—number		[1] 424	403	295	212	408		[1] 439	541	275	164	376
Self-contained lighting outfits—do	[1] 2,764	4,035	1,341	424	596	953	[1] 727	1,129	339	115	137	209

Batteries—												
Flashlight batteries, thousand cells	[1] 8,600	39,898	65,690	47,834	45,682	49,416	3,940	2,790	2,599	1,870	1,552	1,833
Radio B and C batteries (dry), do		7,495	6,362	4,018	4,146	5,949		2,157	325	178	172	247
Other batteries, n. e. s., thousands		263	90	91	70				110	87	70	69
Storage batteries, do		335						3,420	2,172	1,064	988	1,589
6-volt storage batteries, do		[2] 263	242	163	159	241		[2] 1,815	1,466	817	745	1,102
Other storage batteries, thousand cells		[2] 136	72	36	26	60		[2] 1,294	706	247	243	487
No. 6 dry-cell batteries, thousands		[2] 2,439	1,922	798	1,164	1,234		[2] 577	447	184	236	248
Transforming or converting apparatus—												
Power transformers, 500 kilovolt-ampere and over, number	[1] 58,556	6,401	83	46	10	24	5,199	2,467	807	622	110	165
Distribution transformers, less than 500 kilovolt-amperes, number			2,895	1,173	1,422	1,855			572	193	211	345
Instrument transformers, do			3,820	1,905	2,125	3,050			156	84	50	77
Other transformers, do		62,003	44,581	20,163	9,051	15,362		1,264	491	219	115	188
Battery chargers under 15 amperes, do			4,329	1,424	1,474	2,155			54	26	26	32
Rectifiers, double current and motor generators, dynamotors, synchronous, and other converters, number	[1] 50,865	60,231	4,736	2,124	1,226	1,299	[1] 1,122	1,504	1,151	261	159	156
Transmission and distribution apparatus—												
Switchboard panels, except telephone, number	[1] 5,538	4,124	2,678				4,246	1,756	1,712	319	137	280
Switches and circuit breakers over 10 amperes, thousands		365	57					2,202	1,292	502	548	522
Fuses, do	[1] 2,914	4,761	2,289	1,186	2,148	1,635	[1] 284	422	186	80	84	117
Watt-hour and other measuring meters, number	[1] 135,927	76,951	63,341	24,194	19,951	26,941	1,969	780	567	232	190	238
Volt, watt, and ampere meters, and other recording, indicating, and testing apparatus, number		[26] 245,003						2,022	1,468	1,064	805	1,248
Electrical indicating instruments, do		[7] 64,322	52,200	27,445	71,639	75,807		[7] 663	529	265	293	441
Electrical recording instruments, do		[7] 5,768	2,829	2,776	1,127	1,685		[7] 330	303	258	125	203
Other electrical testing apparatus								[7] 947	636	541	388	604
Lightning arresters, choke coils, reactors, and other protective devices, number	[1] 80,045	86,735					[1] 730	813	607	336	310	345
Motors, starters, and controllers—												
Motors ⅓ horsepower and under, do	[1] 101,750	136,572	112,408	49,226	43,574	56,241	7,531	2,824	1,486	493	404	532
Motors over ⅓ and under 1 horsepower, number			13,188	5,678	6,308	7,816			335	145	137	184
Stationary motors—												
1 to 200 horsepower, do		21,687	10,459	3,307	3,923	6,031		3,358	1,491	496	509	852
Over 200 horsepower, do		198	87	20	30	29		553	644	63	87	71
Railway motors, do		652	213	65	86	132		629	177	48	47	101
Electric locomotives—												
Railway, do	116	53	7	8		1	1,914	1,022	169	787		17
Mining and industrial, do		117	80	39	57	94		613	440	136	194	364
Other motors							116					
Station and warehouse electric motor trucks, number	223	180	94	18	21	57	162	204	220	25	35	123

[1] Average for years 1922–25. [2] 1930 only. [7] Average for years 1928–30. [9] Average for years 1924 and 1925. [26] Average for years 1926 and 1927.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 7.—MACHINERY AND VEHICLES—Continued												
A. Electrical machinery and apparatus—Continued.												
Motors, starters, and controllers—Continued.												
Starting and controlling equipment—												
For industrial motors							1,338	1,550	1,256	479	403	711
For electric railway and vehicle motors								210	194	68	96	142
Portable electric tools—number		23,272	14,780	6,462	7,665	13,698			785	323	400	708
Accessories and parts for motors							[1] 1,709	1,077	1,761	771	676	997
Electric household refrigerators—number		[3] 39,256	55,800	37,719	60,495	101,366		2,607	6,860	3,360	4,472	8,180
Electric commercial refrigerators up to 1 ton—number		[2] 10,900	12,204	10,613	11,607	22,136		[3] 7,084				
Parts for electric refrigerators								[2] 2,061	1,766	1,372	1,130	1,917
Electric appliances—									3,004	1,963	2,059	3,475
Electric fans—number	64,008	76,700	49,327	27,095	26,084	60,335	978	1,026	434	223	170	336
Electromechanical health exercisers—do		[2] 4,021	946	189				[2] 124	32	5		
Electric lamps—												
Metal filament—thousands	6,668	9,454	6,332	4,251	5,396	8,891	1,565	1,426	816	532	589	889
For automobiles, flashlights, and Christmas trees—thousands		[2] 3,110	3,248	2,242	2,667	5,127		[2] 194	215	119	110	220
Other metal filament bulbs—do		[2] 5,342	3,084	2,009	2,729	3,765		[2] 1,017	601	413	480	669
Other electric lamp bulbs—do	564	2,060	224	99	83	336	262	444	90	44	37	83
Flashlight cases—do	[1] 894	2,578	1,052	796	728	1,162	[1] 716	2,207	530	300	294	513
Searchlights and floodlights—number	[1] 12,319	18,073	6,148	2,128	3,196	3,987	[1] 397	635	295	86	117	162
Motor-driven household devices—												
Electric washing machines—number		23,328	15,556	6,710	3,297	6,083	[5] 189	1,566	870	254	179	323
Electric vacuum cleaners—do		[7] 75,143	74,872	40,646	19,483	14,322			1,184	377	210	230
Other motor-driven devices, except tools—number		[7] 29,471	17,304	9,569	15,810	18,834	[1] 900	2,480	451	176	209	321
Electric flatirons—do		[7] 141,153	95,415	55,382	64,527	108,152			198	87	91	163
Domestic heating and cooking devices—												
Electric cooking ranges—thousands		[7] 7	6	2	2	3	1,132	1,464	413	141	155	250
Other domestic heating and cooking devices—thousands		[7] 295	207	118	117	137			636	250	241	343
Industrial electric furnaces and ovens—number	[1] 1,812	2,656	3,759	2,138	1,967	3,140	[1] 236	518	902	221	166	351
Therapeutic apparatus, X-ray machines, galvanic and faradic batteries, etc							[1] 982	1,692	1,123	641	657	1,025
Signal and communication devices—												
Radio apparatus—												
Transmitting sets and parts							[1] 5,570	962	805	664	743	1,090
Receiving sets—number		137,553	471,263	290,673	509,786	612,084		6,342	14,357	7,322	9,324	15,338
Tubes—thousands		990	2,375	3,759	5,399	6,682		1,450	1,947	2,013	2,623	3,210
Receiving-set components								3,234	3,888	2,517	2,784	4,359
Loud speakers—thousands		[5] 232	231	138	120	145		3,271	1,064	456	338	361
Other receiving-set accessories									575	341	314	498

Telegraph apparatus							606	951	309	163	164	244
Telephone apparatus—												
Telephone instruments—number		37,740	19,944	6,871	6,292	11,525	3,603	547	320	81	68	175
Telephone switchboards—do		1,354	138	153				1,185	91	80		
Other telephone equipment								3,108	1,467	669	731	1,044
Bells, buzzers, annunciators, and alarms							[1] 123	347	489	174	95	95
Other electrical apparatus—												
Starting, lighting, and ignition equipment							1,744	1,641	671	617	834	1,233
Insulating material—1,000 lbs	[1] 4,509	5,554	2,275	1,602	867	1,226	[1] 1,352	1,342	563	246	190	271
Metal conduit, outlet, and switch boxes—1,000 lbs	[1] 6,010	13,554					536	1,258	584	307	343	450
Sockets, receptacles, and lighting switches—thousands	[1] 4,697	10,521	6,972	3,919	5,067	6,890	[1] 1,110	1,876	1,374	692	643	888
Electric interior lighting fixtures							1,836	2,466	1,264	422	429	566
Electric street lighting fixtures									291	120	95	118
Other wiring supplies and line material								1,318	936	382	321	537
Other electrical apparatus, n. e. s							12,032	9,345	4,671	2,605	2,288	3,333
B. Industrial machinery							166,526	216,042	141,835	58,491	55,284	98,354
Power-generating, except electric and automotive							30,901	25,239	12,358	4,996	3,846	6,591
Steam engines—												
Stationary, except turbines—number	703	392	55	26	38	53	718	463	37	50	66	66
Mechanical-drive turbines—do	[1] 124	87	61	33	15	23	[1] 997	533	268	309	21	31
Locomotives—do	467	189	23	9	26	31	11,891	3,812	1,298	115	230	625
Locomotive parts and accessories							5,840	3,053	731	467	475	886
Other engines and parts									316	121	88	140
Steam boilers, fire tube—1,000 sq. ft.[27]	[1] 717	730	69	24	17	47	2,263	1,656	121	40	29	55
Steam boilers, water tube—do			134	48	91	51			224	77	138	103
Condensers, heaters, accessories							[1] 391	777	408	221	91	241
Steam specialties—injectors, gauges, safety valves, steam traps, boiler-tube cleaners, etc							[1] 1,603	2,131	1,079	675	597	972
Internal-combustion engines—												
Stationary and portable engines—												
Gasoline locomotives—number	[17] 253	291	62	19	24	24	[17] 315	738	225	69	61	76
Diesel and semi-Diesel—do	[1] 1,068	744	280	51	43	155	[1] 528	1,251	386	221	161	502
Other—												
Not over 10 horsepower [28]—do	27,262	32,357	7,407	3,821	3,711	6,311	4,031	2,795	670	246	218	392
Over 10 horsepower [28]—do		3,788	4,458	711	782	1,028		2,169	2,264	344	379	602
Marine engines, Diesel and semi-Diesel—number	[1] 282	885	324	111	126	157	[1] 377	1,678	833	396	204	375
Engine accessories and parts (carburetors)							[1] 3,422	3,718	2,102	1,178	961	1,356
Water wheels and water turbines—number	[1] 237	73					[1] 302	465	1,496	467	125	169
Construction and conveying machinery							9,155	22,188	12,370	3,828	2,813	5,638
Excavators, incl. power shovels—number	[1] 139	473	218	72	34	75	1,631	5,845	3,270	866	325	920
Excavator parts and accessories							[17] 893	2,037	1,523	519	440	552

[1] Average for years 1922–25. [2] 1930 only. [5] Average for years 1929 and 1930. [7] Average for years 1928–30. [8] Average for years 1927–30. [17] 1925 only.
[27] Heating surface. [28] "Not over 8 horsepower" and "over 8 horsepower" prior to 1925.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 7.—MACHINERY AND VEHICLES—Continued												
B. Industrial machinery—Continued.												
Construction and conveying machinery—Con.												
Dredging machinery							[1] 598	924	772	424	176	407
Concrete mixers—number	[1] 861	1,724	402	82	50	229	629	1,044	251	73	36	125
Road rollers—do		151	57	11	18	34		379	137	17	57	77
Road graders—do		[2] 935	304	109	95	199	980	2,241	344	88	111	257
Other road-making equipment									750	191	225	562
Other construction equipment							[1] 888	1,005	426	168	116	277
Cranes with swinging booms—number	[1] 233	108	38	7	13	18	[1] 1,088	869	521	22	109	109
Other cranes—do		278	70	22	29	34		1,259	546	73	67	129
Mono-rail hoists—do		50	7	12	4			52	5	2	1	
Other hoists—do	[1] 4,704	7,895	3,575	557	690	1,389	[1] 886	1,556	499	195	143	321
Derricks, except mining—do			16	12	7	8			37	24	13	13
Elevators, freight and passenger—do		625	199	109	125	495		1,114	603	357	190	644
Conveyors, bucket, chain, or belt—do		1,339	561	117	120	181	2,969	513	283	89	56	88
Other conveying equipment								3,402	2,351	717	747	1,051
Mining, well, and pumping machinery							24,783	43,778	25,256	10,566	13,504	24,214
Mining and quarrying machinery—												
Coal cutters—number	[2] 78	137	83	33	29	46	[2] 206	493	249	114	89	183
Rock drills—do	[1] 6,108	10,559	5,686	3,301	3,849	5,381	[1] 1,065	1,829	864	506	653	1,107
Mine hoists and derricks—do	[1] 228	966	586	266	337	716	[1] 248	702	838	171	221	447
Ore crushing and sorting							[1] 1,798	3,729	2,463	1,030	983	1,685
Concentrating and smelting							[1] 442	970	936	142	177	428
Other mining and quarrying							6,058	7,445	4,881	2,118	2,332	3,645
Well and refinery machinery—												
Oil and gas well-drilling apparatus							7,762	8,719	3,557	1,680	2,692	6,139
Other oil-well and oil-refinery								10,294	6,772	2,741	4,222	6,872
Other well-drilling apparatus								[5] 1,049	323	84	112	205
Pumping equipment—												
Centrifugal pumps—number		4,709	2,950	1,527	1,701	2,829		1,381	807	441	440	787
Steam pumps—do		6,445	2,187	857	910	1,265		1,688	682	226	183	315
Other reciprocating power pumps—do		20,168	9,284	6,698	7,916	8,851	8,038	2,658	1,358	507	523	954
Hand and windmill pumps—do		86,975	24,257	14,748	19,440	21,556		739	174	93	102	121
Other pumps and parts of pumps								2,712	1,352	713	775	1,326
Power-driven metal-working machinery							[3] 13,814	26,211	36,034	12,024	8,158	19,435
Engine lathes—number	[1] 1,059	747	496	187	230	489	1,726	1,586	1,718	651	360	940
Turret lathes—do		359	226	42	117	231		1,018	715	93	206	568
Other lathes—do		702	684	281	224	592		1,298	1,592	430	169	610

Vertical boring mills and chucking machinery—number		172	225	66	46	125		392	953	404	114	487
Thread-cutting and automatic screw machines—number	[1] 886	852	254	138	257	645	[1] 630	1,073	511	261	366	1,017
Knee and column type milling machines—number	[1] 540	324	151	125	115	227	[1] 778	784	603	325	262	590
Other milling machines—do		580	452	172	191	470		1,359	1,763	664	421	1,281
Gear-cutting machines—do	[1] 378	367	380	149	253	470	[1] 390	947	1,603	679	607	1,422
Vertical drilling machines—do		406	321	92	285	269		415	686	158	158	425
Radial drilling machines—do		119	116	52	25	83		275	256	118	69	137
Other drilling machines—do		1,625	1,612	467	1,017	2,823		646	1,637	527	297	1,032
Planers and shapers—do	[1] 233	435	304	85	62	128	[1] 354	723	808	194	104	206
Grinding machines—												
Surface—do		[5] 231	171	63	105	213		[5] 324	515	131	206	356
External cylindrical—do		699	401	132	109	277		1,589	1,397	349	291	774
Internal—do		390	248	113	89	352		931	1,032	375	227	974
Tool grinding, cutter grinding, and universal—number		1,054	789	348	454	905	1,588	525	605	283	273	632
Other metal-grinding machines								805	1,177	549	255	608
Sheet and plate metal-working machines								2,702	5,555	2,164	892	1,964
Forging machinery								1,347	3,984	811	342	969
Rolling-mill machinery								885	1,390	426	354	1,083
Foundry and molding equipment							[1] 515	1,785	2,284	343	448	446
Other power-driven metal-working machinery and parts							[29] 8,367	4,995	5,250	2,089	1,735	2,916
Other metal-working machinery							[1] 3,127	4,172	4,002	1,844	1,211	2,345
Pneumatic portable tools—number	[1] 12,254	20,581	9,672	4,762	4,525	9,631	[1] 813	1,614	783	350	282	611
Other portable and hand or foot operated metal-working machines and parts								897	558	387	327	533
Chucks for machine tools—number	[1] 23,782	18,945	9,074	5,813	9,927	15,884	[1] 295	239	129	38	57	110
Machine-operated pipe and thread cutters, stocks, dies, taps, and other machine-operated cutting tools									1,307	744	320	344
Other metal-working tools							[1] 2,018	1,422	1,225	325	225	247
Textile, sewing, and shoe machinery							23,690	23,374	12,716	9,441	9,825	15,449
Textile machinery							12,588	11,408	6,787	4,316	4,860	7,287
Full-fashioned hosiery knitting machines, power driven—number		[2] 85	2	43	14	26		[2] 455	21	84	93	228
Circular hosiery knitting machines—number		6,649	2,168	1,196	571	929		2,736	809	476	206	524
Other circular knitting machines—do		1,432	1,174	1,136	1,205	1,016		657	620	400	431	416
Other knitting machines and parts							[1] 3,211	1,394	750	498	416	593
Textile winding machines—number		[2] 1,091	1,569	1,086	2,161	2,865		[2] 360	629	547	674	889
Cotton spinning and twisting machines							[3] 456	525	463	196	260	748
Cotton looms—number		[3] 1,452	1,292	580	1,667	1,015	511	543	378	194	422	476
Other cotton machinery							[9] 1,041	785	493	361	507	854

[1] Average for years 1922–25.
[2] 1930 only.
[3] Average for years 1923–25.
[5] Average for years 1929 and 1930.
[9] Average for years 1924 and 1925.
[29] All metal-working machinery is included prior to 1922.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 7.—MACHINERY AND VEHICLES—Continued												
B. Industrial machinery—Continued.												
Textile, sewing, and shoe machinery—Contd.												
Textile machinery—Continued.												
Wool carding and weaving machinery							[1] 267	292	160	98	104	164
Silk machinery							[1] 254	542	519	254	428	682
Other textile and textile finishing machinery							[1] 3,244	3,770	1,945	1,208	1,317	1,713
Sewing machines—												
For domestic use—number	[1] 246,151	173,222	51,811	112,058	32,947	86,149	8,210	4,616	1,164	1,621	582	2,005
For factory or industrial use—do		57,883	42,335	29,349	44,427	61,100		4,054	2,740	2,184	2,804	4,035
Sewing-machine parts							[1] 1,861	1,600	1,025	717	970	1,497
Shoe machinery, except sewing							1,404	1,695	1,000	603	609	625
Other industrial machinery							61,681	71,080	39,095	15,792	15,929	24,788
Cigarette, cigar-making, and other tobacco machinery								[7] 1,380	1,704	506	399	406
Bakery machinery and parts								[8] 837	466	183	180	279
Flour-mill and gristmill							1,135	647	251	123	163	179
Rice-mill machinery							[1] 187	205	65	79	71	95
Sugar-mill machinery—												
Cane mills—number		3,022	1,007	431	416	668	8,405	480	105	104	34	52
Other sugar-mill machinery								4,182	1,048	1,002	980	1,546
Paper and pulp-mill machinery							2,134	3,633	1,276	696	450	708
Paper-converting machinery and parts											445	634
Sawmill machinery							740	877	528	176	158	208
Planers, matchers, jointers, and molders—number	[17] 188	208	60	19	39	93	[17] 198	235	74	11	30	82
Other woodworking machinery and parts							1,571	1,809	886	293	349	678
Veneer machinery								[2] 80	26	30	38	74
Blowers and ventilating machinery							[3] 514	1,366	1,077	427	414	782
Bottling and bottle-washing machinery								[5] 1,636	839	317	364	441
Brewers' machinery							638	981	355	61	86	135
Ice-making equipment								776	565	350	356	453
Refrigerating equipment—												
Up to 1 ton capacity [30]							2,150	2,548	285	56	102	133
Over 1 and up to 10 tons capacity [30]									422	190	219	323
Over 10 tons refrigerating capacity								846	289	221	96	172
Oil-mill machinery							[1] 323	866	241	138	251	380
Cotton gins, cotton presses, and parts							506	490	268	47	211	1,014
Ball and roller bearings, and parts—1,000 lbs	[1] 2,464	3,492	2,323				[1] 1,435	2,464	1,751	720	777	1,429

Air compressors—											
Capacity up to 25 cubic feet.....number	[1] 5,790	11,431	5,647	2,465	2,945	3,884	3,120	1,162	513	192	211	301
Capacity over 25 cubic feet.....do		3,964	1,387	681	627	1,061		4,932	1,577	1,078	837	1,357
Portable air compressors.....do			520	412	342	455			441	457	353	660
Meat and other grinding and slicing machines.....number		[8] 31,470	6,799	2,230	2,684	5,417		[8] 994	728	224	213	375
Paint-spraying equipment								[7] 671	409	169	158	242
Laundry machinery—												
Power-driven laundry machines for commercial laundries.....do		2,591	1,022	198	145	305	1,392	1,483	830	147	64	160
Other laundry and dry-cleaning equipment								1,780	1,143	363	333	563
Gas meters.....number	[1] 34,062	22,978	8,035				590	320	110	81	121	108
Water meters.....do		29,940	47,981					455	395	192	482	412
Iron or steel body valves for steam, water, oil, and gas.....thousands		[7] 249	104					[7] 3,619	1,329	610	824	1,458
Other parts, n. e. s.							37,357	32,999	19,090	6,549	6,160	8,959
C. Office appliances							23,466	44,969	24,982	14,869	15,768	23,681
Accounting and calculating machines—												
Billing and bookkeeping machines.....number		10,545	4,609	2,688	2,697	3,543		5,311	3,310	1,701	1,598	2,478
Listing-adding-bookkeeping.....do		[8] 4,577	1,354	566	512	986		[8] 2,681	1,338	562	525	984
Typewriter-bookkeeping-billing.....do		[5] 6,483	3,255	2,122	2,185	2,557		[6] 3,119	1,972	1,139	1,073	1,493
Nonlisting adding machines.....do		[5] 2,037	240	67				[5] 146	16	4		
Listing-adding machines.....do	20,933	31,562	16,036	11,386	13,538	19,025	4,451	3,088	1,568	884	1,055	1,652
Calculating machines.....do		12,431	5,417	2,950	3,648	6,688		2,143	899	485	578	1,206
Card punching, sorting, and tabulating machines.....number		1,439	1,484	935	1,223	1,541		1,057	999	844	1,068	1,723
Other, including used and rebuilt.....do		3,864	7,954	4,356	5,419	5,767		276	272	234	474	495
Parts for accounting and calculating machines									841	540	738	989
Duplicating machines, parts and supplies for							[1] 450	656	602	442	401	510
Cash registers.....number	17,269	36,182	22,142	8,292	8,435	10,749	3,436	7,302	4,082	1,450	1,503	2,059
Parts of cash registers							359	767	378	263	349	450
Typewriters.....number	[1] 254,463	368,542	211,945	139,902	166,390	236,107	14,192	19,918	9,852	6,300	6,480	10,103
Standard typewriters, new.....do	[17] 205,407	203,806	87,574	46,918	54,478	91,330	[17] 14,010	14,006	5,838	3,214	3,492	5,947
Portable typewriters, new.....do	[17] 85,602	123,633	84,287	72,720	56,792	93,457	[17] 3,037	4,629	2,996	2,601	1,767	2,826
Used and rebuilt typewriters.....do	[17] 27,315	41,103	40,084	20,264	55,120	51,320	[17] 924	1,284	1,018	485	1,220	1,330
Typewriter parts							[1] 834	1,044	693	917	673	848
Other office appliances								3,291	1,469	804	851	1,168
D. Printing machinery							9,606	16,097	8,668	4,716	5,680	8,253
Typesetting machines.....number	[1] 1,249	1,377	702	298	505	718	3,041	4,584	2,334	1,011	1,680	2,595
Printing presses.....do	[1] 2,724	2,799	1,244	480	841	1,497	5,282	5,989	2,116	1,635	1,554	2,392
Bookbinding machinery and accessories								[3] 433	323	254	385	454
Other printing and typesetting machinery and accessories							[9] 1,705	5,437	3,895	1,816	2,061	2,813

[1] Average for years 1922–25. [2] 1930 only. [3] Average for years 1923–25. [5] Average for years 1929 and 1930.
[7] Average for years 1928–30. [8] Average for years 1927–1930. [9] Average for years 1924 and 1925. [17] 1925 only.
[30] Total refrigerators, including household electric, up to 10 tons refrigerating capacity prior to 1927 and over 1 and up to 10 tons, in 1927 and 1928.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 7.—MACHINERY AND VEHICLES—Continued												
E. Agricultural machinery and implements							51,913	109,901	57,403	10,548	12,215	21,543
Bee-keeping equipment								[5] 115	71	24	22	65
Cream separators—number	8,551	12,491	9,062	6,992	5,850	3,335	406	722	508	361	334	200
Other dairy machinery and parts							[1] 902	1,455	666	374	322	622
Incubators and brooders—number	[1] 11,216	27,869	9,768	2,642	1,429	2,017	237	719	292	82	53	95
Other poultry equipment, n. e. s.								[7] 241	140	82	70	77
Implements of cultivation—												
Horse and power plows—number	[12] 242,067	184,546	53,433	15,164	30,636	68,341	6,162	6,227	1,397	370	400	948
Harrows—do		32,590	3,320	1,185	1,724	5,427		1,758	193	82	96	232
Cultivators, horse and power—do		58,802	19,535	6,728	10,752	26,843		1,137	504	95	103	274
Planters, horse and power—do	[1] 18,568	11,308	5,046	623	1,730	6,133	1,141	487	569	32	54	151
Drills and seeders, horse and power—do		18,639	1,703	553	988	2,212		1,808	221	57	41	144
Sprayers and dusters—do	[17] 36,233	158,755	917,898	1,018,172	467,354	599,117	[17] 255	406	367	226	163	279
Other cultivating implements and parts							[1] 3,241	4,716	1,763	895	1,075	1,541
Harvesting machinery—												
Mowers, except lawn—number	[1] 68,724	14,084	2,026	1,037	778	2,788	2,813	874	138	74	51	186
Lawn mowers, hand and power—do		109,890	40,576	15,449	20,614	30,560	[31] 543	791	332	142	131	201
Hayrakes and tedders—do	[1] 10,388	8,246	908	247	473	1,689	389	315	38	10	20	59
Grain harvesters and binders—do	[1] 29,563	26,224	4,055	1,389	1,425	1,336	[1] 4,738	4,800	718	225	253	230
Combines (reapers, threshers)—do	[17] 1,720	6,785	2,608	382	405	500	[17] 1,028	8,730	6,237	480	473	627
Other harvesting implements and parts							[1] 3,292	4,103	2,146	693	1,050	1,054
Seed separators—												
Threshers—number	[1] 5,175	4,115	214	123	134	182	4,785	3,913	218	101	119	180
Corn shellers—do	[1] 10,626	15,942	2,862	547	1,500	3,133	[1] 212	280	54	5	11	34
Other separators and parts							[1] 1,158	1,596	500	95	183	216
Feed cutters, grinders, and crushers—number	[1] 2,910	7,318	3,212	1,988	2,266	3,245	[1] 165	342	199	147	90	257
Wheel tractors—do	22,965	51,933	27,079	1,629	2,403	5,330	14,312	40,096	26,981	1,485	1,815	3,834
Track-laying tractors—do		3,413	1,739	887	1,197	2,389		7,036	4,120	1,539	2,100	4,613
Track-laying tractors less tracks—do		[7] 532	11	2	1	4		[7] 1,064	26	7	4	7
Engines for tractors—do		1,055	28	15	101	46		462	6	19	35	52
Parts and accessories for tractors							2,559	10,066	6,815	2,045	2,297	3,420
Windmills—number	[1] 11,558	22,160	4,694	2,465	3,927	7,679	1,105	1,369	291	121	179	388
Towers and parts of windmills, except pumps							[1] 528	776	150	97	158	249
Hay presses, hand and power—number	[1] 1,022	929	140	58	95	245	[1] 252	275	46	20	31	78
Other agricultural machinery, implements, and parts							5,831	3,814	1,694	567	476	1,229
F. Automobiles and other vehicles							211,034	444,825	167,705	90,082	104,211	216,712
Automobiles, parts, and accessories							177,164	406,164	148,125	76,255	90,630	190,216

Electric trucks and passenger cars, number	202	113					[1] 280	170				
Motor trucks, busses, and chassis, do	25,952	118,473	48,248	24,964	43,516	92,723	18,165	75,190	25,101	11,717	20,113	44,207
Under 1 ton, do	[1] 29,324	115,427	7,768	2,226	4,779	9,576	[1] 16,712	67,392	2,683	605	1,401	3,159
1 and not over 1½ tons, do			34,997	19,745	32,325	71,649			15,273	7,927	12,386	30,169
Over 1½, not over 2½ tons, do			3,611	2,090	4,941	9,340			4,174	1,745	4,028	7,552
Over 2½ tons, do	[1] 1,216	3,046	1,375	758	1,206	1,763	[1] 3,411	7,798	2,449	1,303	2,157	3,079
Bus chassis, do			176	18	26	69			399	65	27	111
Secondhand trucks and busses, do			321	127	239	326			123	72	113	138
Passenger cars and chassis, do	124,092	275,627	82,457	41,440	64,511	145,157	94,339	197,649	50,007	23,591	32,100	78,258
Not over $850, do	[1] 143,982	267,230	66,142	35,533	59,694	133,417	[1] 100,242	177,168	31,735	16,960	26,734	65,364
Over $850, not over $1,200, do			9,986	3,299	2,639	7,753			9,582	3,143	2,542	7,483
Over $1,200, not over $2,000, do			2,787	1,238	1,088	2,018			4,000	1,638	1,662	3,063
Over $2,000, do	[1] 3,396	8,397	1,515	586	333	726	[1] 9,473	20,481	3,836	1,544	867	1,874
Secondhand passenger cars, do			2,027	784	757	1,243			853	305	295	475
Parts of, except tires—												
Automobile engines—												
For motor trucks and busses, do	54,420	10,750	6,034	1,659	2,180	4,242	6,355	1,141	854	286	290	553
For passenger cars, do		88,420	18,958	20,663	19,397	22,005		9,315	1,616	1,584	1,173	1,399
Automobile parts for assembly								62,237	30,963	21,048	18,348	36,247
Automobile parts for replacement								52,187	27,468	16,278	16,761	26,429
Spark plugs, thousands		[7] 5,910	5,900	5,560	5,677	6,263		[7] 1,739	1,432	1,311	1,300	1,606
Other parts for replacement, n. e. s								51,144	26,036	14,967	15,461	24,823
Automobile accessories							58,081	8,277	3,216	1,753	1,845	3,123
Automobile shock absorbers and stabilizers, number		[7] 361,607	214,051	49,592	26,464	60,746		[7] 825	326	103	54	128
Automobile bumpers, do		41,180	21,147	1,072	6,197	18,280		[7] 201	57	6	12	35
Automobile horns, hand and electric, do		[5] 125,583	96,909	108,804	144,322	257,261		[5] 325	199	178	203	372
Other accessories, n. e. s								[7] 6,834	2,634	1,467	1,577	2,588
Automobile service appliances, n. e. s							[3] 3,117	6,927	3,719	1,451	1,049	2,416
Automobile tire-service equipment								[7] 858	317	105	81	221
Pumps for gasoline and oil, number		97,425	34,827	11,040	8,031	14,252		[7] 3,145	955	362	214	567
Other service appliances								[7] 2,922	2,447	984	754	1,628
Automotive fire engines, number	[3] 95	42	17	9	3	4	[3] 169	135	95	64	24	31
Trailers, do	[1] 654	1,029	503	382	253	531	[1] 264	457	208	295	127	189
Airplanes, seaplanes, and other aircraft, do	54	189	140	280	406	490	341	2,643	1,813	4,359	5,391	8,195
Engines for aircraft, do	[1] 112	252	307	2,356	2,903	1,009	[1] 132	948	1,432	1,518	1,452	4,459
Aircraft parts and accessories, except tires							150	1,316	1,623	2,070	2,336	5,009
Cycles—												
Bicycles, number	[1] 14,591	5,024	1,434	795	1,033	1,177	463	131	36	18	20	27
Motor cycles, do	17,759	17,520	5,469	1,969	2,309	3,518	4,386	3,963	1,302	414	513	812
Parts and accessories, except tires							[1] 1,637	1,316	567	326	294	357
Motor boats with engines installed, number	135	404	205	96	133	317	405	766	416	210	139	493
Internal-combustion marine engines, except Diesel—												
Detachable motors (outboard), number	5,038	8,149	4,166	2,293	3,296	4,011	1,199	1,143	419	209	227	321
Other, do		3,015	1,352	519	662	1,186		1,461	1,356	216	242	632

[1] Average for years 1922–25.
[3] Average for years 1923–25.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–30.
[17] 1925 only.
[21] Average for years 1921, 1922, and 1925.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 7.—MACHINERY AND VEHICLES—Contd.												
F. Automobiles and other vehicles—Continued.												
Railway cars—												
Passenger service—												
Electric railway—number	[32] 1,187	78	22	28		42	[32] 1,584	657	30	440		165
Steam railway—do	143	232	25	3	1	22	1,347	1,558	586	18	2	362
Self-propelled railway and tram cars—do		[5] 427	533	308	304	287		[5] 405	665	332	77	300
Freight cars—do	6,654	3,516	867	179	248	448	8,276	4,247	1,523	187	331	294
Mine cars—do	[1] 1,916	1,474	334	88	115	185	[1] 420	414	136	11	13	22
Air-brake equipment							[1] 698	1,030	317	265	146	292
Parts, except axles and wheels							5,506	4,085	1,344	810	681	1,107
Railway signals and attachments							[1] 796	838	873	100	108	116
Railway car-heating equipment										24	34	72
Wagons and drays—number	8,389	4,971	882	189	422	828	705	483	131	49	25	53
Wheelbarrows—do	[1] 92,965	93,158	16,800	9,721	13,547	25,540	600	373	63	32	48	92
Pushcarts and hand trucks—do		12,406	5,733	2,599	2,456	4,223		246	130	60	44	92
Wheels, except automobile and car—thousands	[1] 184	112	89	67	56	69	[1] 204	257	123	55	57	86
Other vehicles and parts							3,618	3,103	674	295	202	500
GROUP 8.—CHEMICALS AND RELATED PRODUCTS												
Total							107,564	134,914	100,027	70,348	76,771	92,565
A. Coal-tar products							9,668	15,940	10,308	8,752	12,421	13,264
Benzol—1,000 gals	9,730	28,843	21,861	3,241	8,439	9,692	2,501	7,049	3,795	612	1,594	1,761
Crude coal tar—1,000 bbls [12]		[6] 98	71	400	591	480	701	1,297	207	889	1,376	1,149
Coal-tar pitch—tons of 2,240 lbs		[5] 18,513	50,667	187,722	199,088	166,457			493	2,125	2,414	2,025
Creosote oil—1,000 gals			1,494	114	137	195			215	22	25	42
Colors, dyes, stains and color lakes—1,000 lbs	[1] 16,948	30,074	20,313	16,097	18,740	17,942	5,392	6,300	4,739	4,071	4,653	5,630
Other coal tar products exclusive of medicinals—do			13,443	15,042	27,534	27,956	1,075	1,293	860	1,033	2,301	2,657
B. Medicinal and pharmaceutical preparations							16,418	20,081	15,036	9,966	9,816	10,945
Castor oil—gals		[5] 80,783	70,107	41,857	42,755	53,962		[5] 133	117	56	58	66
White mineral oil—do		[7] 281,721	321,464	321,120	413,636	446,460		[7] 371	329	201	205	215
Biologics (antitoxins, serums, vaccines, etc.)							[1] 781	2,036	2,347	1,832	1,798	1,724
For animal and veterinary use									444	390	349	338
Serums and antitoxins for human use									836	629	691	669
Vaccines for human use							[1] 781	2,036	249	217	137	91
Glandular products, organotherapeutics, enzymes, ferments, and culture media									817	596	621	626
Elixirs, cordials, tinctures, extracts, and similar liquid solutions									1,049	854	813	1,000
Tablets, pills, capsules, powders, and similar manufactures							[1] 16,121	17,657	2,160	1,524	1,688	2,122
Household pharmaceuticals in small packages									540	334	298	282
Proprietary medicinal preparations									8,495	5,165	4,956	5,536

Mouth washes, gargles, and personal antiseptics									554	377	352	411
Salves and ointments									1,925	892	867	1,009
Tonics, blood purifiers, emulsions, and appetizers									1,387	828	1,020	1,159
Milk of magnesia								[6] 283	195	143	139	187
Other proprietary medicinal preparations									4,434	2,926	2,578	2,771
C. Industrial chemical specialties							5,421	13,006	13,754	9,949	10,663	11,605
Nicotine sulphate	1,000 lbs.	[7] 326	248	146	155	181		[7] 206	203	105	89	112
Lead arsenate	do	[7] 1,643	1,788	1,190	599	650		[7] 199	176	96	45	53
Calcium arsenate	do	[7] 2,499	2,146	2,534	2,586	3,356		[7] 135	101	101	101	131
Other agricultural insecticides, etc	do	20,093	6,975	6,473	5,851	7,708		4,236	718	595	540	639
Household insecticides, etc	do		7,355	2,725	3,460	3,917			2,185	827	1,189	1,121
Household disinfectants, deodorants, etc	do		2,440	1,448	1,486	1,841			283	149	148	180
Baking powder	do	3,890	4,952	4,177	2,570	2,779	2,753	1,568	1,705	1,269	616	579	572
Petroleum jelly	do	[1] 8,136	6,976	11,064	10,199	11,766	13,665	1,216	901	738	611	669	776
Tobacco extracts	do		[6] 1,981	1,294	1,316	1,292	1,259		[5] 432	219	210	195	186
Dextrine or British gum	do	[1] 19,329	21,239	12,671	9,750	14,600	16,180	[1] 773	920	536	358	486	605
Rubber compounding agents (accelerators, retarders, etc.)	do			2,192	1,470	1,796	2,233			1,157	759	819	830
Cementing preparations, for repairing, sealing, and adhesive use	1,000 lbs.			2,894	2,298	3,224	3,998			502	371	430	611
Textile specialty compounds	do			4,116	5,590	5,896	4,296			287	249	219	226
Water softeners, purifiers, boiler and feedwater compounds	1,000 lbs.		[7] 3,092	2,249	1,610	1,969	1,886		[7] 365	280	217	255	246
Metal-working compounds	do		[7] 1,809	1,041	700	616	979		[7] 275	159	110	80	112
Polishes—													
Metal and stove polishes	do	[1] 3,018	2,033	868	741	780	746	346	305	127	106	113	106
Shoe polishes	do	[1] 5,376	3,016	1,305	1,083	1,094	1,309	[1] 1,260	876	408	257	271	320
Leather dressings and stains	do			1,823	2,649	3,025	2,221			362	338	363	324
Floor wax, wood, and furniture polishes	1,000 lbs.	2,887	4,275	1,314	691	811	701	665	888	241	130	150	129
Automobile polishes	do			1,098	788	583	776			299	187	137	167
Other chemical specialty compounds, n. e. s.									[7] 3,536	3,454	3,564	3,786	4,159
D. Industrial chemicals							24,547	24,502	19,774	14,958	16,811	21,677
Acids and anhydrides—												
Organic (exclusive of coal-tar acids)[32]	1,000 lbs.			559	359	447	1,798			90	63	84	243
Inorganic—												
Boric (boracic)	do		[7] 3,797	4,221	3,352	5,410	8,303		[7] 165	194	145	218	345
Hydrochloric (muriatic)[33]	do			3,999	6,410	3,235	4,041			70	97	56	65
Sulphuric	do	10,468	7,233	3,202	3,031			204	148	60	49		
Other inorganic acids and anhydrides[33]	1,000 lbs.	[1] 14,268	14,089	4,251	6,590	9,405	9,651	984	820	296	271	373	420

[1] Average for years 1922–25.
[5] Average for years 1929 and 1930.
[6] Average for years 1928–30.
[7] Average for years 1927–30.

[32] Of 500 pounds.
[32] Data prior to 1922 are "cars for railways other than steam."
[33] "Organic (exclusive of coal-tar acids)" and "Hydrochloric (muriatic)" included in "Other inorganic acids and anhydrides" prior to 1931.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 8.—CHEMICALS, ETC.—Continued												
D. Industrial chemicals—Continued.												
Alcohols—												
Methanol [34] 1,000 gals.	788	540	583	770	1,119	772	732	367	241	324	478	361
Butanol (butyl alcohol) [35] 1,000 lbs.			861	1,507	4,891	3,358			105	138	440	332
Glycerin do.	1,963	1,099	328	260	2,120	4,181	325	179	48	29	197	402
Other alcohols [35] do.		[7] 2,811	1,862	1,407			721	367	178	131		
Acetone do.		[7] 5,500	3,846	4,404	3,508	3,534		[7] 492	283	318	255	324
Formaldehyde (formalin) do.	[1] 2,744	2,670	2,905	2,103	2,373	2,598	320	221	163	101	121	125
Citrate of lime do.			5,044	6,245	8,036	6,181			584	464	497	371
Carbon bisulphide do.		[7] 955	2,091	2,958	2,995	4,341		[7] 181	126	145	141	209
Other organic chemicals do.			3,445	7,760	9,458	16,738			572	1,075	1,288	2,574
Nitro oraceto cellulose solutions, collodion, etc. 1,000 lbs.		[7] 1,815	2,200	2,018	2,526	3,096		[7] 509	536	373	477	619
Aluminum sulphate do.	[1] 33,900	47,086	55,335	43,099	56,540	61,763	[1] 452	549	568	463	544	594
Other aluminum compounds do.		[7] 1,135	1,749	653	855	976		[7] 115	171	69	70	93
Calcium carbide do.	9,482	4,297	2,834	2,287	2,310	2,909	452	184	121	93	84	115
Calcium chloride do.		[5] 36,775	48,703	35,494	31,421	61,429		[5] 439	567	378	312	566
Copper sulphate (blue vitriol) do.	4,050	6,231	7,191	4,133	2,749	3,859	206	326	277	115	93	129
Hydrogen peroxide (or dioxide) do.		[5] 2,078	1,320	593	575	544		[5] 344	208	88	91	86
Potassium compounds (not fertilizer) do.	[1] 7,156	3,616	2,318	1,773	2,550	4,242	465	500	371	241	302	467
Sodium compounds, n. e. s. do.	[1] 355,100	500,694	502,669	410,582	446,151	483,120	8,725	10,548	9,962	7,222	7,739	8,974
Bichromate and chromate do.	[17] 7,299	7,383	4,407	6,178	9,702	8,350	[17] 445	476	288	329	486	493
Cyanide do.	[1] 3,014	1,552	1,121	839	434	611	[1] 368	243	161	114	66	89
Borate (borax) do.	25,979	112,770	173,876	179,282	175,353	207,287	1,176	2,625	3,359	2,678	2,498	2,907
Silicate (water glass) do.	31,249	57,977	58,577	50,343	43,895	21,304	305	532	523	401	320	213
Carbonate (soda ash, sal soda) do.	43,055	68,348	64,335	33,318	60,836	69,012	936	1,269	984	545	810	990
Bicarbonate (acid soda or baking soda) 1,000 lbs.	15,403	19,020	18,711	14,019	14,936	15,196	344	357	330	252	246	254
Hydroxide (caustic soda) do.	100,872	114,211	131,189	110,977	121,321	131,651	3,400	3,363	3,465	2,360	2,611	2,992
Sodium phosphate do.			6,129	5,686	7,778	10,181			188	168	183	250
Other sodium compounds, n. e. s. do.	[1] 112,520	119,432	44,324	9,940	11,895	19,628	2,180	1,633	664	375	520	785
Tin compounds do.		[7] 604	653	582	105	203		[7] 182	127	90	35	69
Gases, compressed and liquified—												
Ammonia, anhydrous do.		[7] 2,170	1,892	999	1,146	1,257		[7] 343	235	134	149	160
Chlorine do.		[7] 6,731	8,843	6,383	13,418	11,429		[7] 249	248	161	277	265
Other gases, n. e. s. do.		[7] 2,662	2,398	5,178	16,426	22,357		[7] 397	344	348	412	512

Ammonium compounds (except sulphate and anhydrous ammonia)—1,000 lbs	[1] 5,124	3,201	1,263	1,123			[1] 934	321	111	49		
Chlorinated lime or bleaching powder—do	27,467	13,478	1,721	2,397			508	257	59	62		
Calcium compounds, n. e. s—do	22,598	13,626	1,626	1,177			644	535	87	69	2,077	3,256
Zinc compounds (except oxide)—do		[7] 3,306	2,022	599				[7] 115	88	46		
Other industrial chemicals							9,151	7,199	2,690	1,618		
E. Pigments, paints, and varnishes							14,765	23,397	15,127	10,366	11,835	14,207
Mineral earth pigments—												
Ocher, umber, sienna, and other forms of iron oxide for paints—1,000 lbs	[1] 28,944	39,014	16,612	6,354	6,718	21,401	[1] 925	923	272	177	142	273
Other mineral earth pigments (whiting, barytes, etc.)—1,000 lbs			16,444	9,083	14,890	9,148			157	109	210	132
Chemical pigments—												
Zinc oxide—do	10,517	28,938	10,262	2,523	1,443	2,309	775	1,868	717	196	122	196
Lithopone—do	[1] 2,655	6,239	7,642	6,425	2,373	4,802	[1] 146	321	341	270	108	200
Bone black and lampblack—do	[1] 33,637	3,434	2,773	1,182	1,344	1,587	3,175	204	131	73	90	97
Carbon black—do		69,527	96,714	100,072	152,286	120,620		5,815	5,079	4,436	5,552	5,541
Red lead, litharge, and orange minerals [36] 1,000 lbs	2,325	4,522	6,174	3,972	4,215	3,435	236	381	385	191	207	202
White lead—do	10,832	12,487	10,017	3,362	2,095	3,121	944	973	562	174	120	203
Other chemical pigments—do	[1] 5,640	5,668	5,887	4,570	5,467	7,906	716	787	740	609	769	1,120
Bituminous paints, liquid and plastic							[5] 275	612	479	267	340	412
Paste paint—1,000 lbs		[5] 1,721	4,054	1,625	1,332	1,645			529	255	198	253
Ready-mixed paints stains, and enamels 1,000 gals			1,599	1,045	1,202	1,813	6,311	7,961	3,309	2,015	2,147	3,271
Kalsomine orcold-water paints, dry—1,000 lbs		[5] 8,104	6,359	4,549	4,464	5,001		[5] 437	333	236	227	248
Nitrocellulose (pyroxylin) lacquers—												
Thinners for nitrocellulose lacquers 1,000 gals			305	205	318	500			370	220	281	423
Pigmented—do	890	1,265	333	226	337	421	1,587	2,585	950	604	813	1,000
Clear—do			94	79	61	87			198	160	117	179
Varnishes (oil or spirit, and liquid dryers) 1,000 gals			377	293	353	355			547	359	391	457
F. Fertilizers and fertilizer materials tons of 2,240 lbs	1,028,151	1,335,703	1,243,667	848,752	1,027,726	1,306,301	17,472	17,917	13,011	8,653	8,260	12,537
Nitrogenous fertilizer materials—												
Ammonium sulphate—do	129,026	127,851	66,902	14,742	14,257	25,629	7,924	6,046	2,220	408	362	714
Other nitrogenous materials—do	[1] 6,614	15,254	65,829	166,981	91,348	157,819	[1] 333	754	2,479	4,357	2,152	3,799
Nitrogenous organic waste materials—do			5,883	8,927	11,157	16,751			129	156	215	422
Nitrogenous phosphatic types (concentrated chemical fertilizer)—tons of 2,240 lbs			33,146	13,030	15,472	19,460			1,281	454	522	751
Phosphate materials—												
Phosphate rock—												
High-grade hard rock—do	117,793	91,103	105,293	66,009	42,364	97,612	2,343	724	614	406	295	673
Land pebble and other—do	616,033	895,778	846,012	547,026	736,695	895,881	3,607	4,203	3,663	2,390	3,249	4,336
Superphosphates (acid phosphates)—do	36,938	91,470	81,587	23,883	35,371	59,148	516	1,429	941	259	334	606

[1] Average for years 1922–1925.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–30.
[17] 1925 only.
[34] "Wood and denatured alcohol" prior to 1924.
[35] Butanol (butyl alcohol) included in "Other alcohols" prior to 1931.
[36] "Red lead" prior to Jan. 1, 1927.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 8.—CHEMICALS, ETC.—Continued												
F. Fertilizers and fertilizer materials—Continued												
Potash fertilizer materials—tons of 2,240 lbs.		[3] 14,542	28,982	1,816	25,077	24,990		[3] 613	1,267	70	902	918
Prepared fertilizer mixtures—do.	[1] 24,532	27,508	5,778	1,608	2,600	2,858	[1] 1,187	1,167	227	58	80	100
Other fertilizers—do.	43,445	80,922	37,401	15,760	18,857	6,153	1,862	3,347	1,471	548	671	218
G. Explosives, fuses, etc.							3,892	4,072	1,733	1,231	1,527	2,152
Explosives—												
Smokeless powder—1,000 lbs.	1,349	854	246	181	123	179	559	704	196	132	69	106
Other gunpowder—do.		486	267	112				144	74	32		
Blasting powder—do.	[1] 2,458	2,107	748	357			[1] 216	153	73	39		
Dynamite—do.	14,560	13,840	5,546	4,607	6,053	7,331	2,270	1,964	754	600	794	933
Other explosives—do.	[1] 1,072	621	311	346	709	1,291	[1] 224	163	80	103	199	340
Fuses and blasting caps—												
Safety fuses—1,000 lin. ft.		92,765	68,077	51,076	61,685	89,375	407	575	376	252	298	459
Blasting caps—1,000 caps		*34,509*	*8,427*	*7,214*	*10,685*	*18,741*	[1] 381	*368*	*180*	*123*	*167*	*314*
H. Soap and toilet preparations							15,505	15,998	11,282	6,422	5,436	6,180
Soap—												
Medicated—1,000 lbs.		[2] 563	452	307	326	267		[2] 358	261	189	181	169
Toilet and fancy—do.	[1] 6,768	7,286	5,062	4,618	5,990	5,969	2,784	2,272	1,020	708	716	856
Laundry—do.	76,213	49,965	28,320	22,957	14,310	13,096	5,821	3,420	1,756	1,215	621	640
Powdered or flaked—do.		[3] 2,296	1,703	890	800	1,009		[3] 216	137	71	64	80
Shaving soaps (creams, powders, and sticks)—1,000 lbs.		[3] 1,127	1,282	901	515	535		[3] 508	421	266	184	202
Other—do.		8,174	1,971	1,160	811	1,005		842	178	103	77	78
Scouring soaps and powders—do.	4,206	7,744	7,964	3,522	3,688	2,882	248	502	528	262	279	228
Household washing powders—do.				562		819				32	2	42
Dental creams—do.		3,119	2,215	1,487	1,268	1,386		2,771	2,080	1,172	1,001	1,219
Other dentifrices—do.	[1] 3,374	612	346	353	268	268	[1] 2,712	338	164	136	107	99
Talcum and other toilet powders							[1] 1,060	1,594	1,245	647	613	598
Creams, rouges, and other cosmetics							[1] 1,144	2,078	1,889	792	768	1,010
Manicuring preparations									376	186	180	232
Depilatories and deodorants									382	71	74	64
Hair preparations									375	326	348	356
Perfumery and toilet waters							[1] 482	371	143	99	120	114
Other toilet preparations							1,854	1,450	327	146	97	192
GROUP 9.—MISCELLANEOUS												
Total							119,338	142,693	94,717	62,839	56,093	69,059
A. Photographic and projection goods							17,862	24,350	20,139	13,538	12,536	15,524
Cameras—thousands	[1] 206	502	408	204	222	675	1,226	2,338	1,383	901	931	1,281

Motion-picture—												
Standard gage, 35 mm ..... do			1		1				277	97	149	167
Less than 35 mm ..... do			2	1	2	1			66	29	45	39
Other cameras ..... do			405	202	220	674			1,040	774	737	1,075
Parts of cameras, except lenses							[1] 369	591	204	189	174	151
Motion-picture projectors ..... number	[1] 1,238	3,807	4,468	1,762	2,277	2,479	[1] 302	731	557	236	311	374
Motion-picture sound equipment								[2] 7,736	3,864	1,365	988	1,417
Stereopticons, magic lanterns, and other projection apparatus							[1] 202	2,064	264	141	153	229
Projection arc lamps ..... number		[2] 967	367	154				[2] 122	70	24		
Motion-picture films—												
Sensitized, not exposed ..... 1,000 lin. ft	55,675	65,253	108,180	114,211	123,300	134,675	1,296	1,507	2,323	2,197	2,389	2,524
Exposed ..... do	167,127	246,284	199,690	160,772	164,537	194,386	7,048	7,435	5,585	4,120	3,580	4,212
Negative films, silent ..... do			2,251	2,954	3,158	2,420		1,293	187	161	142	109
Negative films, sound ..... do	167,127	8,912	13,947	11,939	9,382	8,904	7,048		1,230	809	469	379
Positive films, silent ..... do			26,944	8,385	3,801	3,333			630	196	79	79
Positive films, sound ..... do		237,372	156,548	137,494	147,696	179,730		6,143	3,538	2,954	2,890	3,645
Other sensitized films, not exposed ..... thousands	[1] 21,867	21,268	16,852	9,516	9,929	12,641	4,144	4,272	3,549	2,460	2,134	3,192
Dry plates ..... 1,000 doz	[1] 651	843	583	485	710	434	[1] 430	463	293	222	320	239
Photographic paper ..... 1,000 lbs	[1] 1,567	1,965	1,523	1,430	1,250	1,605	[1] 1,477	1,789	1,161	1,183	1,070	1,223
Other photographic apparatus and supplies (including unsensitized picture films)							1,864	1,538	886	500	484	681
B. Scientific and professional instruments, apparatus, and supplies							**9,584**	**11,439**	**9,388**	**5,493**	**4,540**	**5,786**
Optical goods—												
Spectacles, eyeglasses, and parts of							[1] 438	1,044	886	769	668	732
Lenses, not fitted to instruments ..... thousands	[1] 2,719	2,762	128	46	137	165	[1] 554	427	33	21	34	26
Other optical goods							1,067	1,292	563	296	137	101
Dental instruments and supplies [37]							614	1,504	1,132	879	1,090	950
Teeth ..... thousands	[1] 12,773	28,339	31,896	21,267	11,820	18,882	607	1,328	1,922	1,081	614	681
Dental-office equipment							[1] 1,097	779	709	135	119	367
Sterilizers ..... number		[2] 3,411	2,309	1,385	1,252	1,468		[2] 238	258	137	84	140
Surgical and medical instruments							354	494	344	191	137	164
Surgical appliances, artificial limbs, crutches, trusses, etc							2,469	459	569	410	281	411
Surveying and engineering instruments							[1] 293	405	96	41	71	132
Other scientific, laboratory, and professional instruments and apparatus							2,567	3,659	2,876	1,533	1,315	2,081
C. Musical instruments							**10,854**	**15,941**	**3,433**	**1,393**	**975**	**1,408**
Pianos—												
Player pianos ..... number	9,252	8,774	460	122	439	930	2,945	2,549	73	24	68	158
Other pianos ..... do	5,729	3,211	912	396			1,400	702	166	72		
Player-piano actions and parts							238	351	10	2	7	15
Other piano actions and parts							[1] 165	155	20	5		
Perforated music rolls ..... thousands	[1] 516	222	22	7			271	105	9	4		
Organs ..... number	1,487	1,379	430	205	134	319	175	327	180	68	34	72
Phonographs ..... do	62,320	173,636	29,746	16,354	12,277	10,061	2,267	5,318	616	335	184	191

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1929 and 1930. [37] Except medicinal.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 9.—MISCELLANEOUS—Continued												
C. Musical instruments—Continued.												
Phonograph records, thousands	[1] 3,265	8,361	3,328	993	1,734	1,466	1,630	3,245	851	258	179	245
Band instruments, number	[1] 9,577	15,140	5,456	2,924	3,550	6,679	[1] 317	606	233	111	116	248
String instruments, do	[1] 42,368	57,838	26,201	15,392	18,764	26,572	[1] 195	305	144	75	81	130
Other musical instruments, parts, and accessories							1,385	2,278	1,132	439	305	350
D. Miscellaneous office supplies							7,118	9,335	5,805	3,528	3,017	3,481
Pencils and pens—												
Refillable pencils and pencil leads [38]							2,045	800	477	286	176	208
Other pencils [39], 1,000 doz		6,171	3,962	2,171	2,060	3,054		1,175	608	285	274	451
Metallic pens except gold, 1,000 gross	273	363	323	94	86	105	148	189	177	54	52	58
Fountain pens, doz	37,824	117,379	77,479	46,794	26,914	16,290	575	1,614	954	607	308	175
Writing ink							[1] 234	233	131	112	109	157
Printer's and lithographic ink, 1,000 lbs	[1] 10,119	10,986	6,523	4,843	4,916	5,406	1,169	1,420	947	694	708	828
Other ink, do	[1] 452	642	280	199	213	250	227	259	164	112	108	123
Paste and mucilage, do	[1] 2,679	3,286	1,740	637	809	574	307	340	169	71	72	67
Carbon paper, do	[1] 889	1,273	840	631	547	633	658	931	615	390	349	405
Typewriter ribbons, dozens		228,439	192,346	145,420	151,212	121,845	530	667	522	332	303	284
Paper clips and binders, penholders, inkstands, and other office supplies							1,272	1,707	1,041	585	560	725
E. Toys, athletic and sporting goods							3,560	4,770	3,275	1,741	1,623	2,339
Toys—												
Dolls and parts							214	197	125	59	58	127
Toy wheel goods and parts								[2] 709	204	111	85	126
Mechanical toys							129	203	215	55	57	152
Other toys, except rubber							1,710	1,485	904	551	654	966
Athletic and sporting goods—												
Fishing rods, reels, hooks, bait, and tackle							[1] 294	379	373	252	263	289
Golf, tennis, foot, basket, and base balls							[1] 162	260	170	107	69	76
Other athletic and sporting goods, except shoes, clothing, and firearms							1,022	1,200	936	504	312	421
Amusement-park and playground devices							[2] 301	479	348	102	125	183
F. Firearms and ammunition							5,050	5,509	2,164	1,668	2,852	4,089
Firearms and ordnance—												
Revolvers and pistols, number	[1] 46,045	54,678	14,192	11,328	14,323	13,344	633	931	254	198	311	237
Rifles, do	[1] 91,382	49,095	17,896	10,174	18,145	36,852	1,034	641	194	94	154	285
Shotguns, do		54,556	17,227	4,815	10,062	13,110		471	168	52	78	110
Machine and heavy ordnance guns and carriages, number	[1] 659	688	140	416	929	1,134	197	235	50	224	788	552

Ammunition—												
Shot shells 1,000 lbs.	[9] 3,018	3,087					[9] 780	814	406	178	241	353
Metallic cartridges [40] do.	5,600	4,042					2,436	2,004	874	651	739	1,228
Explosive shells and projectiles do.	[1] 481	136	2	60	249	520	150	72	1	59	183	240
Other, including fireworks							288	341	217	212	159	1,083
G. Books, maps, pictures, and other printed matter							19,856	24,295	18,177	12,440	11,380	12,854
Books and pamphlets								12,202	5,643	3,730	3,275	3,857
Bound educational textbooks									1,552	1,336	1,202	1,284
Other bound books									2,923	1,717	1,617	2,012
Unbound books in sheets									277	352	151	172
Catalogs and pamphlets									891	325	305	390
Geographic maps and charts							13,561	271	81	30	34	42
Music in books and sheets								335	171	183	143	194
Souvenir post cards								213	125	36		
Lithographically printed matter, except post cards and maps								3,191	2,144	1,374	1,367	1,478
Playing cards 1,000 packs	[1] 7,492	6,096	3,938	2,356	2,146	2,321	802	683	388	225	225	266
Other printed matter							[1] 6,866	7,401	9,625	6,862	6,335	7,016
H. Clocks and watches							3,180	3,251	1,551	799	623	974
Clocks, electric number				29,826	41,703	33,764				84	78	97
Clocks, except electric—												
One-day alarm clocks thousands	[1] 664	513	138	47	87	246	[1] 823	636	180	65	106	277
Mantel, novelty, and wall clocks do.		83	29	8	7	11		373	146	28	18	42
Other clocks and parts							1,343	353	308	121	88	118
Watches do.		653	130	44	58	317		894	185	61	60	168
Without jewels do.		605	123	42	56	316	1,179	460	98	30	31	157
With jewels do.		48	7	2	2	1		433	87	31	30	12
Parts of watches								618	210	103	78	97
Time-recording devices and parts								[6] 473	522	337	193	175
I. Art works—Painting and statuary							902	1,927	1,470	984	533	1,373
J. Miscellaneous, n. e. s.							41,432	41,878	29,313	21,254	18,215	21,232
Barber and beauty parlor chairs number		[2] 2,207	1,103	463				[2] 187	89	34		
Bottle and container closures (all kinds, except cork, glass, and rubber stoppers) 1,000 gross	[9] 3,918	3,444	2,185	1,828	1,886	2,625	[9] 814	716	435	589	572	697
Composition roofing—												
Asphalt roofing 1,000 squares		820	335	277	429	521		1,081	391	257	361	450
Asbestos roofing do.	[1] 1,028	78	27	31	86	26	1,782	501	110	59	150	75
Other roofing do.		109	39	17	26	16		219	59	24	28	22
Billiard tables and accessories							364	367	149	79	57	75
Buttons—												
Pearl or shell 1,000 gross	[1] 500	332	96	141	792	753	177	109	27	19	175	210
Other buttons do.	[1] 1,643	1,379	911	759			560	331	187	162		

[1] Average for years 1922–25.
[2] 1930 only.
[6] Average for years 1927–30.
[9] Average for years 1924 and 1925.
[38] "Refillable pencils" prior to 1925.
[39] "Other pencils and pencil leads" prior to 1925.
[40] "Cartridges loaded" prior to 1924.

No. 508.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
Group 9.—Miscellaneous—Continued												
J. Miscellaneous, n. e. s.—Continued												
Lamps and illuminating devices, except electric—												
Incandescent mantles—1,000 doz.	[9] 194	243	189	144	104	117	165	191	148	115	85	92
Lanterns, wick—thousands			631	110	882	2,045	3,431	1,759	299	61	278	653
Gasoline pressure lamps, lanterns, and parts									107	50	73	110
Other lamps except electric—thousands			122	77	148	266			144	79	106	184
Other lighting devices, except glass								409	246	211	156	223
Matches—1,000 lbs.	[1] 1,062	1,000	825	264	147	171	215	125	103	51	25	29
Chemical fire extinguishers (hand)—number	[1] 45,315	35,239					335	341	364	202	302	270
Fly paper, traps, and swatters							191	121	63	21	22	30
Synthetic resin sheets, plates and mfrs.								[2] 174	191	120	214	303
Pyroxylin products—												
Pyroxylin scrap and film scrap—1,000 lbs.				992	1,139	2,276				53	80	247
Pyroxylin plastic film support (plastic film base)—1,000 lbs.				3,120	3,332	3,610				2,285	2,486	3,229
Sheets, rods, tubes—do.	2,909	3,255	3,858	360	461	753	2,998	1,974	2,154	268	316	551
Manufactures—do.		1,151	221	127	100	167		1,266	403	199	149	205
Brushes—												
Toothbrushes—doz.		[2] 192,891	159,064	157,178	127,163	155,002		[2] 522	392	340	279	325
Toilet brushes—do.	396,214	239,374	36,344	13,854	12,450	16,680	1,043	615	85	41	37	50
Paint brushes—do.		63,702	29,719	16,489	21,605	30,572		192	80	44	55	78
Other brushes—do.		182,596	99,964	120,815	279,624	205,840		295	148	87	102	131
Plates and cuts, electrotype, stereotype, half-tone, lithographic, or engraved—1,000 lbs.	[1] 330	391	320	367	257	319	385	458	377	338	282	366
Umbrellas and parasols—thousands	[1] 121	84	18	12	11	17	194	149	45	22	18	28
Candles—1,000 lbs.	1,821	1,067	654	424	286	244	284	240	135	79	50	49
Notions							1,989	1,965	948	747	679	922
Refrigerators, except electric—number	[1] 10,883	15,795	5,272	2,082	2,485	4,545	380	766	163	63	93	203
Soda-fountain equipment							[9] 209	486	331	119	94	152
Shoe findings—												
Heels and counters, except rubber—1,000 lbs.		557	748	269	364	215	1,635	148	135	49	61	49
Other								1,339	664	359	378	447
Trunks—number	[3] 20,967	29,562	10,752	4,316	4,315	7,632	[3] 400	552	166	57	49	93
Coin-operated scales—do.		[5] 988	350	142				[5] 153	36	11		
Coin-operated commodity-vending machines—number		[5] 8,814	6,904	4,309	4,976	8,681		[5] 398	279	132	220	457
Other coin-operated machines [41]—do.		[5] 6,054	7,066	10,732	20,149	34,635		[5] 386	382	441	450	1,022
Household and personal effects							12,506	14,822	15,016	10,968	7,738	6,771
All other articles							12,147	9,791	4,262	2,417	1,995	2,434

[1] Average for years 1922–25.
[2] 1930 only.
[3] Average for years 1923–25.
[5] Average for years 1929 and 1930.
[9] Average for years 1924 and 1925.
[41] Except musical.

No. 509.—IMPORTS OF MERCHANDISE BY COMMODITY GROUPS AND ARTICLES

NOTE.—See general note, p. 416. Figures represent general imports for the period 1921 to 1932, inclusive, and "imports for consumption" beginning 1933. Data are for calendar years. Figures for 1921–25 and 1926–30 are annual averages. For a number of items data are not shown separately for all years from 1921 to 1930, and for this reason many averages for 2, 3, and 4 years are shown in the table. However, averages shown for group totals always cover 5 years. In some cases the detail does not add to the total because of the different periods covered by the averages. Blanks indicate no data or data not shown separately. Relatively small items, "Articles, ordinarily dutiable, imported free for supplies of American vessels or for the United States Government, etc.", are included in the proper commodity classification for 1933 and 1934. For 1930 through 1932, those articles were included in the proper group totals but not shown separately except in group 9, while prior to 1930 the total of those articles was included in group 9

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
Total imports of merchandise							3,450,103	4,033,469	2,090,635	1,322,774	1,433,013	1,636,003
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total							89,271	125,084	61,076	45,028	43,889	48,965
A. Animals, edible							5,560	15,372	1,929	1,525	584	638
Cattle, 1,000 head	177	378	85	98	65	59	4,802	13,523	1,852	1,499	572	616
Sheep and goats, head	63,200	25,264	2,267	1,247	323	1,508	405	200	19	7	4	12
Poultry, live							[1] 351	331	47	17	8	9
Hogs, 1,000 lbs		11,614	151	29	8	8		1,320	11	2	1	[2]
B. Meat products, do	67,805	144,782	47,145	44,821	60,684	65,362	19,291	33,356	12,286	7,636	9,293	12,840
Beef, fresh, do	24,480	29,310	1,516	770	288	313	2,696	3,347	128	63	22	26
Veal, fresh, do		5,369	342	112	57	12		851	31	5	2	1
Pork, fresh, do	3,131	7,342	759	1,650	539	182	579	1,489	151	168	58	26
Mutton, fresh, do	9,540	806	50	28	10	3	1,339	68	3	2	[2]	[2]
Lamb, fresh, do		2,082	117	49	6	8		368	11	4	1	1
Other fresh meats, do	2,547	3,928	1,041	681	579	278	774	546	135	70	47	35
Poultry, dead, do	[1] 2,494	4,514	5,575	587	269	483	[1] 877	1,309	1,122	86	50	85
Poultry, prepared, do		509	602	488	296	301		325	271	133	147	193
Canned meats, do		51,206	18,926	22,862	41,476	46,781		6,458	2,217	1,963	2,711	3,049
Beef and veal, pickled or cured, do			1,465	814	654	862			137	57	39	52
Pork, hams, shoulders, and bacon, do	9,858	19,764	1,979	3,022	1,673	969	1,396	3,534	602	615	393	291
Pork, pickled, salted, and other, do			1,238	1,101	703	495			439	305	217	194
Other meats, prepared or preserved, do			544	7	5				74	2	1	
Sausage casings—												
Sheep, lamb, and goat, do	16,752	19,952	5,335	4,932	6,200	6,915	11,980	15,061	5,326	3,108	4,788	7,870
Other casings, do			7,656	7,717	7,931	7,758			1,639	1,015	817	1,017
C. Animal oils and fats, edible, do		[3] 2,049	2,273	820	287	2,001		[3] 180	131	44	13	92

[1] Average for years 1923–25.

[2] Less than 500.

[3] Average for years 1928–30.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 00.—ANIMALS, ETC., EDIBLE—Continued												
D. Dairy products							28,114	31,700	15,763	13,098	11,082	10,891
Cream—1,000 gals	7,660	3,679	79	118	25	(2)	5,511	5,874	128	189	31	1
Milk—do		4,744	612	106	47	25		832	100	16	8	5
Milk, condensed and evaporated—1,000 lbs	9,049	2,228	1,245	1,188	921	310	1,193	193	78	61	40	14
Dried and malted milk—do		5,777	1,134	591	138	6		806	238	126	9	3
Butter—do	15,175	5,279	1,882	1,014	899	1,253	5,645	1,834	492	213	150	210
Cheese—do	51,888	76,862	61,991	55,623	49,497	47,533	15,764	22,162	14,727	12,494	10,844	10,659
Emmenthaler or Swiss—do			15,683	11,698	10,728	6,819			4,482	2,656	2,501	1,753
All other—do			46,308	43,926	38,769	40,713			10,245	9,838	8,343	8,906
E. Fish—do	290,538	347,142	278,803	265,435	284,307	286,763	29,274	36,711	28,308	21,411	21,783	23,174
Fish, fresh or frozen—												
Salmon—do	8,963	5,603	5,739	3,030	5,083	5,658	981	689	597	253	385	533
Fresh-water fish and eels—do	[1] 39,340	52,594	43,911	36,386	40,398	45,147	[1] 3,346	5,095	3,581	2,622	2,814	3,387
Cod, haddock, hake, pollock, and cusk—do	[1] 1,043	863	1,237	469	593	1,942	[1] 50	46	63	19	27	85
Halibut—do	11,614	4,705	4,098	1,449	4,086	2,787	1,473	577	440	118	320	272
Mackerel—do	[1] 5,740	2,019	1,826	583	508	239	[1] 394	125	90	25	23	13
Swordfish and sturgeon—do		[4] 2,748	5,242	4,289	4,595	4,695		[4] 514	871	421	455	589
Other fresh fish, n. e. s—do	59,525	10,120	2,558	2,318	2,154	2,544	3,550	1,056	206	126	103	110
Smelts—do	[5] 6,819	7,444	6,640	7,407	6,726	5,272	[5] 923	1,040	840	816	672	624
Tuna fish—do	[5] 7,739	36,554	7,858	5,038	5,936	6,093	[6] 356	1,890	579	298	233	413
Sea herring—do		36,436	16,157	12,244	25,862	38,198		269	144	73	148	290
Fish, dried, unsalted—do	42,867	36,176	4,124	3,675	3,178	3,707	3,238	3,124	511	273	298	402
Fish, in oil, etc.—												
Sardines—do	25,317	27,633	29,275	44,202	33,556	22,693	4,639	4,908	3,793	3,652	2,811	2,597
Anchovies—do		[4] 837	1,873	1,768	1,725	1,895		[4] 242	554	444	456	600
Tuna fish—do		5,763	1,954	7,077	14,382	8,266		1,330	389	905	1,969	1,277
Antipasto and other—do					295	552					77	134
In air-tight containers (not in oil, etc.)—do		[4] 5,552	10,928	18,732	17,827	12,662		[4] 536	998	1,062	1,069	1,093
Pickled or salted—												
Salmon—do	[1] 2,330	2,329	636	270	318	1,221	[1] 365	369	67	17	32	182
Cod, haddock, hake, pollock, and cusk—do		[4] 25,370	41,690	39,405	40,669	43,137		[4] 1,689	2,262	1,627	1,538	1,899
Herring—do	47,709	42,170	41,479	32,405	29,461	31,808	2,701	2,727	2,571	1,510	1,340	1,593
Mackerel—do	13,792	9,019	6,757	4,311	4,403	3,848	1,129	601	314	143	176	189
Other—do	25,317	26,382	1,785	1,641	1,304	1,169	2,723	2,319	152	120	75	80
Smoked or kippered—do		[4] 2,409	4,409	3,520	3,100	3,505		[4] 217	356	238	237	295
Other prepared, or preserved fish, including pastes and sauces, n. e. s—1,000 lbs		[4] 964	528	449	280	294		[4] 125	81	58	45	45

Fish, filleted, skinned, boned, etc.—do	[1] 3,305	3,452	3,010	1,784	2,505	3,942	[1] 700	405	327	196	262	468
Caviar and other fish roe—do		757	473	544	412	417		781	359	467	264	284
Shellfish—												
Crab meat, sauce, and paste—do	4,937	10,696	10,261	7,525	9,526	7,382	1,956	4,553	4,004	2,605	2,893	2,239
Clams and oysters, in air-tight containers—1,000 lbs		[4] 288	1,229	1,560	1,515	1,513		[4] 38	192	166	152	204
Lobsters, not canned—do	6,770	7,581	9,984	11,694	10,623	10,158	1,363	1,861	2,171	1,941	1,734	1,895
Lobsters, canned—do	1,738	1,603	1,708	1,307	1,469	918	1,035	970	820	568	485	469
Shrimp and other shellfish—do	[1] 6,244	9,608	10,907	10,035	11,572	14,754	876	1,306	941	632	677	893
Crabs and turtles—do			551	316	246	347			34	17	14	21
F. Other edible animal products							7,034	7,881	2,641	1,314	1,133	1,328
Eggs—												
Eggs of poultry in shell—1,000 doz	1,097	292	309	244	251	197	313	86	56	35	34	37
Whole eggs, dried—1,000 lbs		1,269	934	20	10	1		674	293	5	3	[2]
Whole eggs, frozen, prepared, etc.—do	18,763	7,016	7	2	25	61	3,726	1,167	1	[2]	2	5
Yolks, dried—do		5,128	3,964	1,193	1,634	2,320		2,085	834	150	152	187
Yolks, frozen, prepared, etc.—do		3,211	763	412	372	393		640	77	37	30	30
Egg albumen, dried—do	6,107	3,199	1,992	1,458	874	403	2,429	1,677	552	586	370	184
Egg albumen, frozen, prepared, etc.—do		1,525						210				
Meat extract—do	[3] 237	583	443	376	234	340	[3] 222	731	363	177	124	176
Gelatin, edible—do	[1] 3,111	2,522	1,950	1,582	1,125	1,249	[1] 720	561	465	324	419	709
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE												
Total							234,681	337,522	166,866	80,112	118,427	109,610
A. Hides and skins, raw (except furs)—1,000 lbs	429,956	447,460	271,083	190,240	338,464	200,781	93,067	118,003	50,302	22,493	45,342	35,260
Cattle hides—do	229,808	223,274	92,626	55,667	137,733	66,527	33,593	38,803	7,823	3,132	10,706	5,224
Dry or dry salted (over 12 lbs.)—1,000 pieces	1,174	641	126	133	180	31	4,261	3,279	340	306	406	80
Dry or dry salted (over 12 lbs.)—1,000 lbs	24,885	13,928	3,192	3,604	3,682	701						
Wet salted (over 25 lbs)—1,000 pieces	3,901	4,139	1,754	1,047	2,526	1,306	29,332	35,524	7,483	2,826	10,300	5,144
Wet salted (over 25 lbs)—1,000 lbs	204,922	209,346	89,434	52,063	134,051	65,827						
India water buffalo (for rawhide)—1,000 pieces		[4] 16	38	20	37	47		[4] 65	158	70	125	162
India water buffalo (for rawhide)—1,000 lbs		[4] 331	930	454	705	888						
Buffalo hides, n. e. s—1,000 pieces	137	158	7	7	10	57	508	822	35	27	32	84
Buffalo hides, n. e. s—1,000 lbs	2,736	3,540	289	261	279	637						
Kip and calf skins—do	44,416	45,520	39,538	31,014	44,343	17,896	10,560	13,223	6,056	2,737	6,152	2,880
Kip skins—												
Dry and dry salted (6 to 12 lbs.)—1,000 pieces	[1] 410	167	38	21	74	84	[1] 703	467	39	11	74	112
Dry and dry salted (6 to 12 lbs.)—1,000 lbs	[1] 3,962	1,584	316	153	645	783						
Wet salted (12 to 25 lbs.)—1,000 pieces	[1] 377	412	596	619	840	402	[1] 1,268	1,454	1,058	728	1,432	829
Wet salted (12 to 25 lbs.)—1,000 lbs	[1] 6,337	6,593	9,464	9,396	12,201	5,641						
Calfskins—												
Dry and dry salted (less than 6 lbs.)—1,000 pieces	2,858	2,512	1,246	1,011	2,029	324	3,410	3,314	851	369	1,100	222
Dry and dry salted (less than 6 lbs.)—1,000 lbs	11,798	6,691	2,883	2,331	5,344	932						
Wet salted (less than 12 lbs.)—1,000 pieces	3,017	4,079	3,443	2,368	3,237	1,278	5,568	7,989	4,108	1,629	3,546	1,727
Wet salted (less than 12 lbs.)—1,000 lbs	24,401	30,651	26,875	19,134	26,153	10,539						

[1] Average for years 1923–25. [2] Less than 500. [4] June 18 to Dec. 31, 1930. [5] Average for years 1921, 1924, and 1925. [6] Average for years 1924 and 1925.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article		Quantity						Value in thousands of dollars					
		1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 0.—ANIMALS, ETC., INEDIBLE—Continued													
A. Hides and skins, raw (except fur)—Continued.													
Horse, colt, and ass hides	1,000 lbs.	11,433	13,423	8,505	8,529	11,761	5,965	1,245	1,620	511	325	520	355
Dry and dry salted	1,000 pieces	301	171	64	44	60	5	654	508	117	46	47	9
	1,000 lbs.	4,847	2,920	1,344	936	1,190	160						
Wet salted	1,000 pieces	173	267	176	161	243	140	592	1,112	394	279	473	346
	1,000 lbs.	6,586	10,503	7,161	7,593	10,571	5,805						
Sheep and lamb skins	do.	61,246	59,898	41,686	33,465	52,556	35,285	15,220	18,389	6,865	3,649	6,945	6,532
Wooled, dry and green	1,000 pieces	[1] 5,448	3,056	1,751	768	1,776	1,475	[1] 4,374	2,883	629	127	675	724
	1,000 lbs.	[1] 16,396	11,946	7,729	3,407	7,023	5,876						
Slats, dry, no wool	1,000 pieces	[1] 20,653	8,355	5,126	4,246	6,084	4,360	[1] 14,206	6,714	2,948	1,691	2,800	2,666
	1,000 lbs.	[1] 47,075	18,675	11,409	8,878	13,898	10,072						
Pickled skins	1,000 pieces	698	12,382	9,446	9,909	14,327	8,393	447	8,792	3,288	1,831	3,470	3,142
	1,000 lbs.	1,798	29,277	22,528	21,180	31,635	19,337						
Goat and kidskins	do.	72,760	90,669	76,199	51,452	79,345	64,874	29,629	40,382	24,116	10,301	16,647	17,159
Dry and dry salted	1,000 pieces	39,456	49,024	44,744	32,623	48,000	37,328	26,752	36,310	21,974	9,774	15,753	16,016
	1,000 lbs.	60,186	74,702	64,402	45,589	71,299	56,656						
Green or pickled	1,000 pieces	3,823	5,225	4,120	1,911	2,767	2,974	2,877	4,072	2,142	527	894	1,143
	1,000 lbs.	12,575	15,967	11,797	5,863	8,046	8,218						
Kangaroo and wallaby	1,000 pieces	769	751	788	534	981	504	726	654	394	208	506	346
	1,000 lbs.	863	864	813	573	1,004	542						
Deer and elk	1,000 pieces	----------	943	915	660	846	965	----------	749	499	362	396	528
	1,000 lbs.	----------	2,448	2,018	1,605	1,973	2,161						
Reptile skins, raw	do.	----------	[7] 2,235	2,536	1,183	1,449	1,558	----------	[7] 2,643	2,292	755	1,697	653
Other hides and skins	do.	6,693	6,863	5,962	6,036	7,314	4,451	1,686	2,290	1,555	926	1,617	1,327
B. Leather								15,261	35,517	10,595	6,847	9,240	6,347
Sole leather	1,000 lbs.	4,850	7,790	775	632	1,208	1,314	1,769	2,928	289	202	344	337
Leather cut into soles, blocks, etc.[9]	do.	----------	----------	423	76	248	4	[1] 530	536	211	16	55	2
Belting leather and welting	do.	----------	[4] 628	978	1,692	1,601	964	----------	[4] 314	467	417	660	524
Harness leather	do.	[8] 1,069	1,492	475	16	13	25	[8] 426	633	166	12	8	20
Cattle side upper grains and finished splits	1,000 sq. ft.	----------	[7] 4,018	2,711	1,389	2,366	596	[1] 236	965	484	156	222	62
Patent leather	do.	[1] 3,131	4,711	259	230	233	199	770	1,710	62	46	35	32
Calf and kip leather—													
Whole calf and kip, upper and lining	do.	[1] 11,991	49,986	10,284	11,748	11,115	4,632	2,895	12,483	2,891	2,208	2,190	1,119
Side calf and kip, upper and lining	do.			15,215	14,653	18,698	11,599			1,990	1,232	1,682	1,158

Upholstery, bag, case, garment, and ball leather								[4] 273	470	268	1,160	307
Other bovine leather 1,000 lbs.				89	462			[4] 73	64	32	87	107
Sheep and lamb 1,000 sq. ft.	[1] 3,962	2,351	1,102	631	1,175	1,189	382	459	235	104	223	277
Goat and kid do	[1] 1,496	8,814	3,784	4,240	5,226	2,593	472	4,076	1,325	1,082	1,170	751
Reptilian and shark skin leather 1,000 pieces			931	838	815	70		[7] 3,012	793	316	282	26
Glove leather, seal leather, skivers, chamois skins, etc							1,073	1,552	652	322	488	542
Rough tanned leather 1,000 lbs.		11,179	337	126	356	510	2,427	6,247	236	57	201	353
Leather (not bovine) for manufacture of footwear 1,000 lbs.		[4] 13	19	21	42			[4] 9	18	19	40	31
Grained, embossed, etc., or fancy leather 1,000 sq. ft.		[4] 1,053	648	1,028	1,089	1,510		[4] 362	242	359	393	699
All other leather							4,672	2,518				
C. Leather manufactures							12,773	27,450	22,108	9,809	8,248	8,306
Boots and shoes (all leather) 1,000 prs.	429	3,004	3,391	1,442	2,049	2,301	1,399	8,796	6,229	2,099	2,125	2,315
Slippers and moccasins do	[1] 472	597	300	39	38	84	[1] 238	795	297	13	13	26
Footwear with textile uppers [10] do	[1] 1,123	1,167	2,234	4,863	2,105	2,580	[1] 421	324	493	644	253	367
Gloves do	8,288	12,735	12,567	7,344	5,880	4,962	8,395	12,467	12,273	5,392	4,780	4,689
Women's and children's do	8,153	12,638	12,529	7,331	5,863	4,947	8,204	12,328	12,215	5,374	4,759	4,667
Men's do	135	98	38	13	17	14	191	139	58	18	21	22
Bags, baskets, belts, boxes, cases, etc								3,330	2,033	1,143	644	475
All other leather manufactures							2,583	1,737	783	517	433	434
D. Furs and manufactures							80,552	114,785	55,860	28,495	37,447	40,864
Furs, undressed							72,179	101,071	47,950	25,137	33,330	38,165
Badger 1,000 pieces		[4] 52	175	162	132	152		[4] 225	656	638	267	420
Beaver do	[1] 180	100	77	65	67	28	[1] 3,497	2,538	1,103	628	685	259
Caracul do		[9] 196	216	36	24	13		[9] 309	275	47	97	16
Coney and rabbit [11] 1,000 lbs.	[1] 8,679	19,040	17,241	13,217	20,443	18,684	[1] 16,731	20,171	7,493	2,967	6,485	8,226
Ermine 1,000 pieces		[9] 780	816	555	671	642		[3] 1,651	927	436	572	714
Fitch do		[9] 1,197	1,168	1,407	1,108	789		[3] 4,231	2,368	1,446	1,139	924
Fox, other than silver or black do	[1] 1,948	1,525	1,228	1,012	882	593	[1] 13,444	14,256	7,778	4,664	4,360	3,754
Guanaquito do		[8] 261	177	341	242	217		[8] 738	168	295	193	317
Hare [11] 1,000 lbs.	[12] 1,410	1,813	969	621	992	1,210	[12] 1,566	2,585	548	178	315	561
Kolinski 1,000 pieces		[3] 524	635	771	736	689		[3] 1,738	840	866	780	1,049
Lamb, kid, sheep, and goat skin furs do		[8] 8,498	9,162	4,482	7,217	5,734		[3]16,169	12,934	4,604	7,637	9,830
Marmot do		[9] 1,748	887	814	841	726		[3] 2,962	598	465	500	714
Marten do		[1] 304	153	85	107	48	52	[1] 4,192	2,707	958	847	440	582
Mink do		[1] 528	711	845	1,039	1,062	1,056	[1] 2,127	3,105	1,733	1,565	2,093	2,547
Mole do		[4] 4,676	4,315	1,917	1,290	1,243	1,225	[1] 746	528	148	70	82	99
Monkey do			[9] 202	11	19	101	7		[9] 430	6	5	44	1
Muskrat do		[1] 2,215	1,056	1,067	278	1,499	456	[1] 2,543	1,573	851	169	973	436
Nutria do			91	27	35	78	48		443	105	77	217	122

[1] Average for years 1923–1925.
[3] Average for years 1928–1930.
[4] June 18 to Dec. 31, 1930.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–1925.
[9] Leather cut into shoe parts prior to June 18, 1930.
[10] Includes rubber-soled footwear with fabric uppers prior to 1933.
[11] "Coney and rabbit" includes "hare" prior to 1925.
[12] 1925 only.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
Group 0.—Animals, etc., inedible—Continued												
D. Furs and manufactures—Continued.												
Furs, undressed—Continued.												
Opossum, 1,000 pieces		[3] 508	722	119	182	229		[3] 575	379	75	140	109
Otter, do		[3] 30	22	17	40	32		[3] 352	136	73	154	159
Pony, do		[3] 156	172	88	108	68		[3] 551	528	284	479	423
Raccoon, do		[4] 21	109	70	66	93		[4] 90	480	230	194	450
Sable, do		[4] 5	21	6	21	10		[4] 290	557	141	580	341
Skunk, do		[3] 162	72	118	268	87		[3] 334	90	92	177	77
Squirrel, do	[1] 17,115	10,021	5,574	6,536	7,454	5,751	[1] 14,667	8,483	2,208	1,714	2,229	2,248
Weasel, do		[3] 1,513	1,666	1,585	1,722	2,121		[3] 2,385	1,319	1,170	1,014	2,030
Wolf, do		[3] 153	105	56	77	68		[3] 2,191	858	333	449	330
Other furs, undressed							[1] 28,741	23,792	1,905	1,061	1,034	1,428
Furs dressed on the skin, not advanced beyond dyeing							2,743	6,430	5,125	2,278	2,325	986
Coney and rabbit, 1,000 pieces		[3] 2,641	958	639	1,253	609		[3] 1,240	327	132	255	292
Dog, goat, and kid, do		[3] 2,131	2,832	1,957	1,765	449		[3] 5,596	3,336	1,479	1,233	325
Lamb and sheep, do		[3] 303	268	50	68	35		[3] 1,073	868	161	116	77
Silver or black fox, dressed or undressed, 1,000 pieces		[3] 2	3	8	2	1		[3] 160	89	218	62	28
Other dressed furs								[3] 751	505	288	659	244
Manufactures of fur—												
Cut fur for hatters' use, including fur skins carroted, 1,000 lbs.	[1] 407	146	28	3	4	6	[1] 648	315	27	4	5	5
Plates, mats, etc., of dog, goat, and kid skins, dressed, 1,000 pieces	[1] 1,781	868	331	145	385	213	[1] 4,432	2,471	1,040	353	1,107	758
Fur-felt hats—												
For men and boys, thousands	287	1,196	190	101	107	107	712	2,636	444	203	232	258
For women and girls, do			347	424	169	204			446	289	148	223
Other manufactures							1,869	1,862	829	229	299	288
E. Animal oils, fats, and greases, inedible							5,060	10,884	10,704	2,376	5,340	5,797
Whale oil, 1,000 gals.	[1] 5,483	8,020	18,626	96	6,362	2,665	[1] 2,970	3,689	7,683	29	2,556	1,004
Cod oil, do	2,432	4,577	1,794	3,286	2,115	1,459	1,322	3,221	610	920	450	391
Cod-liver oil, do			1,737	1,248	3,433	3,470			1,312	804	1,711	2,191
Other fish oils, do	[1] 765	5,218	3,153	1,565	902	430	[1] 272	1,851	440	143	96	190
Wool grease, 1,000 lbs.	[6] 11,322	10,387	4,792	3,992	4,395	4,597	[6] 359	380	148	113	137	176
Tallow, do		[3] 10,629	1,672	502	239	42,813	362	1,043	49	11	7	1,625
Stearic acid, do			6,318	6,322	5,403	2,160			374	306	329	175
Grease and oils, n. e. s.							1,286	701	88	49	54	45

F. Other animals and animal products, inedible							27,970	30,874	17,280	10,066	12,810	13,236
Animals, n. e. s.—												
Horses for breeding—number	2,740	500	280	166	196	330	1,015	1,134	492	146	180	291
Other horses—do	[1] 450	2,678	1,662	2,209	2,833	3,569		618	342	244	350	455
Cattle for breeding—1,000 head	[3] 3	10	10	8	5	7	[5] 455	1,152	892	665	390	424
Birds, n. e. s.—thousands		664	656	306	245	201	[1] 636	1,097	717	362	225	249
Silver foxes—number		1,665	580	212	115	56		336	45	10	4	3
Other animals							1,995	761	522	338	315	356
Bones, hoofs, and horns—												
Unmanufactured—1,000 lbs	89,028	129,256	88,477	87,465	91,243	81,380	1,204	1,774	898	713	791	681
Manufactures							603	96	58	40	57	62
Bristles, sorted, bunched, or prepared—1,000 lbs	4,655	5,212	4,245	3,486	4,945	4,143	7,576	6,967	3,173	313	3,941	4,745
Feathers, crude—do	3,798	3,361	2,789	1,558	2,730	1,991	2,614	2,043	1,318	551	688	705
Feathers, dressed, colored, etc							1,204	219	217	87	48	69
Glue stock, hide cuttings, etc—1,000 lbs	29,242	49,743	31,794	14,454	14,310	17,800	1,284	2,384	1,603	572	502	736
Gelatin, inedible, and manufactures							1,001	1,301	612	353	259	85
Glue and glue size, and manufactures							606	930	767	486	651	293
Casein or lactarene—1,000 lbs	17,421	25,045	3,503	1,201	8,320	1,491	1,916	2,979	143	38	455	143
Ivory tusks in natural state—do	349	189	40	12	11	34	1,115	608	119	33	23	72
Shells, unmanufactured—												
Mother-of-pearl—do	5,666	7,129	4,438	3,975	4,905	3,840	1,556	2,075	1,299	909	1,131	876
All other—do	1,263	4,713	2,834	4,904	4,598	5,170	248	229	85	31	55	97
Sponges and manufactures—1000 lbs	[1] 1,431	993	616	380	448	479	837	1,115	715	380	351	388
Beeswax, crude, and other animal wax—do	3,180	4,727	3,680	3,451	3,811	3,526	751	1,471	779	468	586	633
Tankage—tons of 2,240 lbs		[4] 18,371	22,476	21,130	25,017	13,449		[4] 581	477	311	542	301
Fish scrap and fish meal—do				21,805	26,526	35,024				531	689	996
Other inedible animal products							1,700	1,460	2,007	484	595	578
GROUP 1.—VEGETABLE FOOD PRODUCTS AND BEVERAGES												
Total							738,855	778,693	485,999	361,863	362,797	468,897
A. Grains and preparations							32,611	24,487	13,328	7,661	13,285	33,481
Corn—1,000 bus. of 56 lbs	1,135	1,808	618	344	160	2,959	1,002	1,452	328	166	77	1,530
Oats—1,000 bus. of 32 lbs	2,465	205	576	59	132	5,580	1,147	102	92	23	47	1,648
Rice—												
Uncleaned—1,000 lbs	12,357	10,766	5,957	1,398	2,608	5,961	614	454	133	29	57	133
Cleaned (except patna)—do	50,052	42,402	24,713	16,286	11,190	23,201	1,823	1,837	725	418	241	673
Patna rice for use in canned foods—do		2,168	1,644	841	1,156	2,294		124	68	31	32	70
Flour, meal, etc—do	1,586	2,761	589	549	8,118	36,260	79	95	31	18	114	486
Wheat—												
For grinding in bond and export—												
To countries except Cuba—1,000 bus. of 60 lbs					7,554	7,360					4,209	5,111
Cuba—do	18,973	15,858	15,691	10,026	2,733	3,446	23,204	18,574	10,035	5,362	1,537	2,495
Other—do					31	7,737					21	6,884
Wheat flour—1,000 lbs	78,573	970	59	46	69	203	2,688	37	2	1	2	6
Biscuits, wafers, cakes, etc							284	643	411	260	240	285
Macaroni, vermicelli, noodles, etc—1,000 lbs	3,785	3,561	2,459	2,225	1,649	1,340	280	319	184	152	113	113
Bread, yeast-leavened—do	[6] 2,138	2,495	2,762	2,735	2,500	2,640	[6] 271	344	353	252	219	245

[1] Average for years 1923–25.
[3] Average for years 1928–30.
[4] June 18 to Dec. 31, 1930.
[5] Average for years 1922–25
[6] Average for years 1924 and 1925.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
A. Grains and preparations—Continued.												
Barley.....1,000 bus. of 48 lbs.					24	6,580					12	4,940
Barley malt.....1,000 lbs.					109,183	193,728					2,268	5,058
Rye.....1,000 bus. of 56 lbs.					8,006	7,622	1,321	496	966	949	3,874	3,544
All other											223	260
B. Fodders and feeds							7,990	14,796	8,462	2,270	4,192	7,593
Hay.....tons of 2,000 lbs.	133,801	133,347	67,440	13,858	7,376	23,259	1,503	1,253	567	96	53	219
Oil cake and oil-cake meal—												
Soybean.....1,000 lbs.		95,822	39,620	36,569	66,702	60,387		1,901	439	342	587	587
Coconut or copra.....do		34,570	15,084	10,758	21,195	73,560		459	122	77	132	468
Cottonseed.....do	112,848	[7] 32,923	1,533	979	7,004	44,891	1,877	[7] 441	9	5	38	503
Linseed.....do		[7] 60,486	18,808	22,388	24,950	16,151		[7] 1,370	205	211	190	143
All other.....do		60,679	4,932	4,664	4,662	3,076		1,084	48	40	37	26
Bran, shorts, and other by-product feeds of wheat.....1,000 tons of 2,240 lbs.	[1] 204	261	243	79	198	195	[1] 4,689	6,604	3,213	948	2,642	3,880
Of direct importation.....do		145	127	20	114	134		3,405	1,707	249	1,608	2,668
Withdrawn from bonded mills.....do		116	116	59	84	62		3,199	1,506	699	1,035	1,212
Beet pulp, dried.....tons of 2,240 lbs.	[1] 31,184	37,154	40,690	10,128	7,106	3,067	[1] 964	1,076	631	140	98	61
Other fodders and feeds							1,218	1,694	1,228	411	414	1,707
C. Vegetables and preparations							26,286	40,677	22,877	16,655	15,016	16,274
Beans—												
Green or in brine.....1,000 lbs.		[4] 1,845	5,810	7,322	5,625	4,346		[4] 68	194	249	164	120
Dried.....do	74,793	105,000	58,028	9,465	8,482	13,877	3,005	4,767	1,702	251	217	313
Peas (except cowpeas and chickpeas)—												
Green.....do		[4] 1,864	21,074	16,628	10,034	4,575		[4] 98	1,090	840	468	230
Dried.....do	30,125	16,009	6,436	8,372	10,496	8,413	1,244	639	225	254	331	407
Split.....do		3,928	199	2,480	2,226	3,095		149	4	45	68	109
Lentils and lupines.....do	[5] 8,064	8,908	7,932	8,624	9,848	10,871	[5] 499	524	256	296	332	361
Chickpeas or garbanzos.....do	[5] 40,640	51,545	11,717	13,118	11,427	11,436	[5] 2,255	2,846	505	492	337	380
Truffles.....do	5,511	38	23	15	13	10	1,775	41	42	21	23	29
Mushrooms, not canned.....do		6,941	1,065	339	523	456		1,985	537	146	238	252
Potatoes, white or Irish.....do	88,913	238,551	274,013	43,615	70,803	92,293	1,650	5,217	3,126	393	1,016	1,310
Garlic.....do	6,820	4,491	5,657	6,568	6,218	4,683	341	247	210	188	187	159
Turnips.....do	[1] 140,654	123,193	92,838	95,343	96,667	88,562	[1] 636	776	482	420	656	656
Tomatoes, natural state.....do	[5] 64,538	119,337	103,556	119,140	58,473	55,131	[5] 2,162	3,360	3,253	3,589	1,574	1,256
Onions.....do	104,149	89,177	7,684	33,240	3,805	5,213	2,179	1,800	130	566	48	89
Other vegetables, fresh, n. e. s.							2,780	3,410	1,083	963	550	606

Arrowroot, cassava, sago, and tapioca 1,000 lbs.	92,996	139,624	151,545	141,385	205,295	192,481	3,492	3,740	3,244	2,065	3,115	3,397
Vegetables, canned—												
Peas do	[1] 1,689	1,333	397	1,049	226	531	[1] 188	140	38	56	20	51
Mushrooms do		[4] 1,340	2,689	1,939	1,417	820		[4] 365	741	465	356	253
Tomatoes do	[1] 56,926	101,580	79,144	90,428	74,360	82,400	[1] 2,817	5,266	2,695	2,894	2,720	3,069
Other do	[1] 6,721	8,253	691	283	242	218	[1] 635	823	44	12	11	12
Vegetables, prepared or preserved—												
Pickled vegetables do	[1] 11,078	2,549			3,495	2,589	1,329	155			167	162
Sauces, n. s. p. f. do		12,479	11,234	11,686	11,454	11,724		896	574	427	367	405
Tomato paste do	[6] 15,154	13,719	13,611	10,760	11,317	12,266	[6] 1,382	1,374	1,067	748	779	911
Pimientos do	[6] 2,364	4,391	3,115	2,900	2,522	2,109	[6] 272	473	226	158	177	234
Beancake, miso, and similar products do	[6] 1,209	949	761	960	1,407	1,266	[6] 84	74	42	35	48	55
Other do		8,841	9,960	8,857	6,281	7,561	1,850	603	685	466	357	494
Other edible substances							1,414	767	783	619	685	965
D. Fruits and nuts							75,499	84,868	80,008	44,270	37,478	45,665
Fruits							46,031	58,189	42,136	34,336	28,712	34,725
Plantains								[4] 145	159	167	149	172
Bananas 1,000 bunches	47,057	61,887	55,854	49,457	39,613	47,079	22,007	34,435	29,427	24,701	20,205	24,104
Grapefruit 1,000 lbs.	[1] 14,810	9,105	8,957	7,101	2,267	7,645	530	243	208	165	44	126
Lemons do	[3] 100,041	66,322	20,059	7,714	8,534	1,916	2,006	1,854	560	209	198	50
Limes [13] do	[6] 5,264	4,979	5,718	4,187	3,282	5,832	189	138	212	131	96	164
Olives in brine:												
Not pitted or stuffed 1,000 gals.	[1] 6,266	6,986	3,673	4,315	3,256	3,215	3,888	4,719	1,432	1,328	1,119	1,645
Pitted or stuffed do			2,260	2,510	2,284	2,307			1,327	1,301	1,367	1,730
Olives, dried and other 1,000 lbs.		[4] 709	310	477	226	84		[4] 63	26	39	14	8
Pineapples—												
Natural state							2,487	2,131	1,958	917	641	726
Prepared or preserved—												
From foreign countries 1,000 lbs.	[6] 3,538	3,879	4,242	3,115	3,184	4,082	[6] 299	360	336	148	146	195
From Philippine Islands do			3,289	5,310	3,368	4,197			238	299	133	272
Apples 1,000 bus. of 50 lbs.	[1] 105	151	36	54	7	16	[1] 211	284	54	100	7	17
Berries, natural or in brine 1,000 lbs.	[1] 4,944	6,878	3,455	2,797	4,025	4,091	[1] 430	582	238	189	206	255
Cherries, natural, sulphured, or in brine 1,000 lbs.	[6] 4,806	12,378	7,099	3,886	1,278	1,810	[6] 415	1,670	707	281	77	133
Cherries, dried, prepared, preserved do	[6] 7,925	5,009	496	110	63	34	[6] 736	584	44	14	10	6
Grapes 1,000 cu. ft.	637	139	232	248	260	666	1,091	438	500	466	359	647
Raisins and other dried grapes 1,000 lbs.	11,887	2,688	1,903	1,325	1,070	1,002	1,270	302	186	109	120	96
Currants do	26,021	10,890	6,426	7,217	5,918	7,037	2,046	772	393	373	341	435
Dates do	57,237	48,514	44,039	44,967	42,247	48,335	2,712	2,335	1,706	1,523	1,503	1,795
Figs do	38,978	30,438	9,088	5,967	7,163	6,014	2,619	2,173	657	365	502	390
Citron or citron peel do	[6] 3,476	4,318	3,169	3,327	4,285	3,693	[6] 720	584	235	245	260	277
Ginger root, prepared or preserved do	[6] 792	1,080	965	874	997	1,068	[6] 123	132	66	48	50	79
Jellies, jams, marmalades, and fruit butter 1,000 lbs.	[6] 2,881	3,650	2,949	2,730	2,775	2,293	[6] 458	500	347	246	284	296
Other fruits, natural, prepared, or preserved 1,000 lbs.		28,158	21,324	21,115			3,345	1,686	919	795	800	994
Fruits, n. e. s., from Cuba do		8,673	9,527	9,680	5,299	6,432	354	225	200	176	88	112

[1] Average for years 1923–1925.
[3] Average for years 1924 and 1925.
[4] June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–1925.
[13] Limes and oranges prior to 1926.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
D. Fruits and nuts—Continued.												
Nuts							29,468	28,680	17,872	9,935	8,766	10,940
Chestnuts, including marrons, 1,000 lbs.	24,435	18,704	19,511	15,421	13,236	14,070	1,034	940	939	553	492	540
Coconuts, in the shell, thousands	69,091	65,289	59,505	50,153	55,215	62,435	1,302	1,544	1,013	770	794	998
Almonds—												
Shelled, 1,000 lbs.	21,770	17,537	13,147	5,684	3,901	2,867	6,167	6,090	2,883	1,029	784	686
Not shelled, do	4,630	1,751	11	144	11	4	437	240	2	8	1	(2)
Brazil or cream—												
Shelled, do	38,751	29,688	6,351	6,660	6,038	7,985	2,208	2,815	1,222	829	694	944
Not shelled, do			27,705	20,229	18,001	17,167			1,177	675	664	764
Coconut meat, desiccated or prepared—												
Product of the Philippine Islands, do	[3] 12,496	39,604	37,133	36,303	39,694	51,884	[3] 1,212	3,280	1,936	1,595	1,655	2,212
Other, do	32,140	14,571	4,163	1,167	1,565	1,541	2,491	1,170	179	39	68	54
Filberts—												
Shelled, do	5,419	5,639	3,768	2,804	2,310	2,231	972	1,155	662	300	259	378
Not shelled, do	12,916	9,108	6,751	5,902	2,574	2,452	1,186	1,056	565	265	206	176
Walnuts—												
Shelled, do	18,148	18,604	16,836	9,250	5,414	5,602	5,410	5,072	3,686	1,402	800	916
Not shelled, do	27,331	12,839	5,001	3,087	377	28	3,284	1,557	417	210	23	3
Peanuts—												
Product of the Philippine Islands, do		[14] 865	921	23	1	240		[14] 54	51	1	(2)	12
Shelled, do	44,233	53,629	5,308	36	18	20	2,072	1,627	140	1	1	2
Not shelled, do	5,397	6,009	4,277	473	193	352	245	252	115	10	4	7
Pecans, do	[6] 1,858	530	187	6	285	396	[6] 172	65	57	1	52	81
Pignolia, do	[6] 647	579	511	337	289	326	[6] 148	189	95	66	61	53
Pistache, do	[6] 1,146	1,285	1,495	2,119	2,360	1,629	[6] 480	489	427	421	437	469
Cashew, do		[4] 4,079	10,525	9,799	12,526	14,899		[4] 856	2,095	1,612	1,609	2,349
Other edible nuts, n. e. s., do		4,275	1,188	979	909	1,113	869	955	210	146	182	263
E. Vegetable oils and fats, edible, do	79,910	94,569	134,922	98,684	91,108	91,745	13,901	15,565	11,216	7,687	7,050	8,522
Cacao butter, do	2,585	116	10	16	8	8	603	26	3	3	2	2
Olive oil—												
In packages, do	70,941	85,247	70,394	74,274	66,419	56,008	12,684	14,812	8,253	6,975	6,213	6,989
Weighing less than 40 pounds, do	[6] 48,887	51,318	35,432	36,102	33,339	24,613	[6] 8,122	9,024	4,353	3,656	3,256	3,264
Of 40 pounds and over, do	[6] 34,420	33,929	34,962	38,172	33,081	31,395	[6] 5,998	5,787	3,900	3,319	2,957	3,725
Sunflower seed oil, do				16,457	14,082	10,046				411	428	458
Peanut oil, do	6,384	6,935	14,886	1,489	1,323	2,722	614	602	645	90	81	136
Cottonseed oil, do						9,157						383
Corn oil, do		[4] 11,362	49,632	6,443	9,160	10,769		[4] 630	2,315	207	319	450
Other edible oils, do					117	3,035					7	103

F. Cocoa, coffee, and tea								263,095	355,795	217,514	169,360	156,948	169,170
Cocoa or cacao beans	1,000 lbs.	364,848	422,263	415,977	479,562	474,196	441,584	31,329	45,497	23,193	19,676	18,735	19,364
Cocoa, prepared	do.	3,059	3,987	3,524	3,561	4,369	2,985	690	565	456	338	316	336
Chocolate, prepared	do.		3,089	759	367	235	223		982	204	79	52	52
Coffee	do.	1,340,272	1,492,950	1,741,536	1,501,126	1,586,254	1,523,994	205,792	281,707	174,904	136,812	124,137	133,154
Tea	do.	94,491	89,844	86,733	94,727	96,582	76,410	25,284	27,045	18,757	12,455	13,707	16,264
G. Spices	do.	94,849	90,113	89,677	86,668	97,849		13,742	17,577	10,599	7,926	8,065	10,720
Paprika, ground	do.	[12]4,143	5,125	4,401	4,581	5,740	5,990	[12]671	957	573	492	676	819
Celery seed	do.	[6]738	856	970	870	727	929	[6]194	138	140	158	227	370
Cinnamon and chips of, unground	do.	[6]1,485	922	770	876	896	681	[6]349	349	77	68	64	61
Caraway seed	do.	[6]5,090	4,753	5,805	5,465	8,117	4,393	[6]482	351	302	276	545	323
Cardamom seed	do.	[6]150	203	244	131	213	223	[6]182	198	137	65	103	123
Capsicum or red or cayenne and chili pepper, unground	1,000 lbs.	4,085	2,274	1,160	1,116	1,343	1,669	495	315	86	88	93	129
Cassia and cassia vera	do.	8,334	8,720	7,616	7,550	10,000	9,762	609	642	451	468	545	739
Cloves, unground	do.	5,994	4,862	3,942	4,496	3,724	4,959	1,221	923	684	459	340	498
Ginger root, unground, not prepared	do.	5,015	3,878	5,059	2,951	3,622	3,500	585	335	282	120	139	221
Mustard—													
Seed, whole	do.	12,705	16,922	10,935	10,224	11,822	15,098	619	930	445	395	442	577
Ground or prepared	do.	1,501	1,725	1,447	1,034	1,255	985	838	967	767	420	622	582
Nutmegs, unground	do.	4,021	4,122	4,550	4,278	4,461	4,342	753	873	422	301	316	406
Mace, unground	do.	[6]691	734	624	730	728	775	[6]411	452	188	156	185	244
Pepper, unground—													
Black	do.	33,316	22,894	28,459	28,226	30,362	31,310	2,898	5,540	3,002	2,426	1,954	2,569
White	do.		4,117	5,118	5,668	4,320	4,050		1,517	798	590	441	605
Pimento (allspice), unground	do.	[6]3,298	2,300	2,908	2,397	2,223	2,492	[6]180	351	158	80	88	127
Tonka beans	do.		[7]328	650	355	382	660		[7]284	533	293	332	634
Vanilla beans	do.	983	1,245	1,505	1,199	1,179	1,244	3,331	2,147	1,342	825	705	1,353
Other spices	do.	13,481	4,328	3,514	4,521	6,736	6,762	1,640	478	212	149	246	341
H. Sugar and related products								303,517	223,199	122,613	105,025	111,437	126,982
Sugarcane, natural	1,000 tons of 2,000 lbs.		[3]240	10	284	214	90		[3]840	22	610	352	148
Beet sugar	1,000 lbs.	831	354	4,860	1,102	53	146	30	12	154	17	1	1
Cane sugar	do.	8,117,916	8,470,917	6,347,659	5,941,440	5,688,906	5,994,375	295,361	207,306	112,626	96,701	104,934	117,614
Product of Philippine Islands and Virgin Islands	1,000 lbs.	614,419	1,209,073	1,638,938	2,089,471	2,469,144	2,212,259	30,077	45,597	50,021	57,340	66,803	61,743
Other	do.	7,503,497	7,261,844	4,708,721	3,851,969	3,199,761	3,782,117	265,284	161,709	62,605	39,361	38,131	55,871
Molasses, n. e. s.	1,000 gals.	159,362	267,741	7,243	8,694	11,287	17,870	7,138	12,996	1,182	847	985	1,996
Molasses not for human consumption	do.		26,834	176,837	178,077	158,649	202,591		1,894	7,163	5,574	3,985	6,151
Sugar candy and confectionery, n.e.s.	1,000 lbs.	1,560	3,869	5,363	4,593	4,460	3,320	462	951	951	660	621	485
Maple sugar and maple sirup	do.	3,247	7,853	2,698	3,410	3,343	4,292	466	1,396	498	605	548	572
Honey, dextrose, lactose, and levulose [15]	do.	911	257	170	85	108	142	63	35	17	10	11	15
I. Beverages								2,215	1,717	1,285	1,101	2,327	50,491
Brandy	1,000 pf. gals.						556						3,544
Gin	do.						153						451
Rum	do.	142	69	33	39	794	316	591	316	139	188	4,071	1,295
Whisky	do.						5,624						27,818
Other spirits and compounds	do.						584						2,852

[2] Less than 500.
[3] Average for years 1928–30.
[4] June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–25.
[12] 1925 only.
[14] 1930 only.
[15] "Honey" prior to Sept. 18, 1930.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
1. Beverages—Continued.												
Sparkling wines.....1,000 gals..	377	39	21	34	153	395	726	93	55	66	1,160	2,971
Still wines.....do....					723	3,463					2,122	10,212
Ginger ale or ginger beer, nonalcoholic...do....	[5] 69	106	22	9	6	8	[6] 93	112	26	8	6	10
Mineral water.....do....	674	912	[4] 974	846	636	351	278	462	494	412	397	284
Other beverages and fruit juices							582	745	551	427	1,571	1,055
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD												
Total							441,850	576,128	227,151	125,542	162,763	222,058
A. Rubber and manufactures							198,230	302,945	76,767	34,609	51,393	105,032
Rubber, crude, and milk of.....1,000 lbs..	681,100	1,042,301	1,124,003	928,857	938,340	1,036,268	192,922	294,428	73,803	32,538	45,868	101,573
Jelutong or pontianak.....do....	9,659	16,446	12,941	10,319	13,417	11,171	898	2,396	1,019	617	945	944
Balata.....do....	1,481	1,298	2,705	1,585	3,716	2,361	320	445	412	147	2,262	438
Gutta-percha.....do....	2,566	2,255	275	425	1,318	3,824	417	471	36	28	94	426
Guayule.....do....	[5] 3,879	6,618				892	[5] 789	1,677				75
Siak and scrap, and reclaimed.....do....	12,745	20,951	9,514	5,942	6,866	9,797	612	714	119	55	54	86
Rubber-soled footwear, fabric uppers [16] 1,000 prs..					4,438	1,338					703	332
Rubber toys [17]											361	269
Druggists' sundries, n. e. s. [18]											45	76
Combs, hard rubber [19].....thousands..					3,753	1,268					123	60
Golf balls.....do....	[6] 2,820	2,691	1,264	1,451	1,023	457	[5] 1,112	1,013	388	336	243	111
Tennis and other balls [20]					1,577	2,239					84	151
Rubber tires.....number..		8,286	38,312	40,706	25,676	11,210		98	88	217	128	20
Other manufactures of rubber							1,643	1,803	902	671	484	471
B. Gums, resins, and balsams, n. e. s.							30,942	31,167	13,131	7,913	6,963	9,115
Varnish gums and resins—												
Damar.....1,000 lbs..	20,864	15,369	11,734	8,553	12,960	11,251	2,846	1,969	704	344	572	703
Kauri.....do....		4,485	1,641	770	1,903	776		667	206	68	154	98
Lac, crude, seed, button, and stick...do....		[7] 8,333	7,191	9,518	11,447	8,063		[7] 2,152	934	1,015	873	1,127
Shellac.....do....	27,183	26,554	11,962	11,321	9,838	10,219	14,958	9,820	1,953	1,511	972	1,810
All other.....do....	[1] 33,884	40,856	15,303	10,313	15,366	12,520	[1] 4,611	4,817	778	392	681	693
Tar, pitch, and turpentine							[1] 200	341	57	103	163	167
Camphor—												
Natural, crude.....1,000 lbs..	2,248	2,667	2,004	1,799	1,939	2,663	1,341	1,123	714	513	411	646
Natural, refined.....do....	2,691	1,258	1,152	1,034	1,599	1,425	1,758	706	546	358	479	570
Synthetic.....do....		2,901	1,798	1,460	891	659		1,171	588	406	220	258

Chicle, crude	do	8,913	12,833	8,928	4,948	4,066	6,499	4,455	6,460	4,195	2,023	1,081	1,471
Balsams, crude	do	395	389	318	254	326	360	196	200	120	68	90	103
Arabic or Senegal	do	8,034	8,657	7,264	5,509	5,574	6,347	842	870	536	227	262	384
Tragacanth	do	[1] 1,000	1,533	1,673	1,425	2,364	1,269	[1] 423	754	674	328	422	335
Kadaya (karaya) and talka	do		[7] 3,925	4,582	3,544	4,122	4,107		[7] 445	397	196	235	413
Other gums and resins, n. e. s								1,406	1,230	729	361	346	336
C. Drugs, herbs, leaves, roots, etc		86,734	116,216	89,452	91,481	79,332	89,224	6,527	9,474	5,925	5,005	5,043	6,547
Cinchona bark or other from which quinine may be extracted	1,000 lbs	2,333	2,257	1,581	1,139	1,814	1,690	729	631	424	358	561	668
Pyrethrum or insecticide flowers	do	[1] 4,451	10,017	4,521	12,111	10,435	10,591	[1] 1,413	1,905	522	1,309	1,524	2,059
Licorice root	do	63,499	75,450	59,283	57,569	41,649	53,013	2,167	2,006	1,424	1,156	780	938
Licorice extract	do	[1] 1,537	1,050	1,312	1,039	978	561	[1] 266	193	154	100	118	86
Opium, crude	do	105	136	130	130	121	134	502	880	394	274	317	554
Senna	do	[1] 3,144	2,887	1,266	1,944	2,121	1,303	[1] 272	195	70	82	94	67
Plantago psyllium seed	do	[8] 19,148	24,419	22,625	17,549	4,628	1,645	[8] 2,450	3,665	2,937	1,725	260	106
All other	do					17,586	20,286					1,390	2,067
D. Oilseeds								51,204	65,999	32,668	16,472	26,706	23,209
Cottonseed	1,000 lbs	[1] 75,909	14,287			14		[1] 1,050	189			[2]	
Castor beans	do	79,797	128,553	103,215	83,156	109,965	92,840	2,998	4,392	2,359	1,604	1,338	1,738
Copra	do	289,278	515,371	457,947	453,447	660,872	399,234	12,330	22,583	11,067	8,059	9,238	4,804
Flaxseed	1,000 bus. of 56 lbs	16,934	19,771	14,480	7,919	13,966	14,170	34,045	36,794	14,129	5,154	13,578	15,028
Poppy seed	1,000 lbs	[1] 5,183	5,973	7,196	6,634	8,205	6,412	[1] 439	487	411	417	629	363
Palm nuts and kernels	do				28,700	14,918	8,509				381	173	110
Rapeseed	do				10,748	13,627	9,324				269	348	271
Sesame seed	do		17,967	139,608	19,182	42,631	22,327		641	3,606	428	818	508
Other oil seeds	do	26,805	25,430	50,443	9,915	5,967	30,919	908	914	1,094	158	84	386
E. Vegetable oils								51,029	72,963	40,413	24,323	30,615	30,666
Expressed oils and fats								45,752	66,375	36,760	21,577	27,236	26,178
Tung oil	1,000 lbs	75,354	105,575	79,311	75,922	118,760	110,007	9,247	12,367	4,426	3,434	4,833	6,852
Coconut oil—													
Product of Philippine Islands	do	205,191	311,798	325,175	249,117	316,078	314,802	15,850	23,500	15,272	7,619	8,556	7,372
All other	do	6,181				25	2	516				2	[2]
Palm oil	do	90,025	201,839	258,145	217,167	287,483	155,531	6,515	13,209	10,791	5,998	7,001	3,905
Inedible oils for mechanical or manufacturing purposes—													
Olive oil, sulphured or foots	1,000 lbs	34,009	46,162	36,924	45,909	40,468	36,166	2,857	3,285	1,652	1,605	1,550	1,958
Other inedible olive oil	do		8,583	12,045	11,759	16,509	9,670		1,118	1,003	735	1,075	884
Palm-kernel oil	do	[5] 19,918	54,184	12,928	249	12,898	11,800	[5] 1,776	4,415	637	11	379	301
Rapeseed (colza) oil	1,000 gals		[4] 478	948	609	1,469	1,976		[4] 223	354	158	412	617
Sesame oil	1,000 lbs		9,854	1	[2]	2	1		941	[2]	[2]	[2]	[2]
Vegetable tallow	do	[1] 6,736	6,092				138	[1] 487	460				7
Carnauba wax	do		[3] 6,579	7,447	6,166	7,720	7,842		[3] 1,496	1,070	733	970	1,528
Vegetable wax	do	7,704	5,809	2,648	3,197	3,836	2,693	1,266	1,332	230	217	199	191
Rapeseed (colza) oil, n. e. s	1,000 gals	1,708	2,342	466	360	119	241	1,242	1,515	225	118	47	84

[1] Average for years 1923–25.
[2] Less than 500.
[3] Average for years 1928–30.
[4] June 18 to Dec. 31, 1930.
[5] Average for years 1921, 1924, and 1925.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–25.
[16] Included with "Leather footwear with textile uppers" prior to 1933
[17] Included with "Other toys" prior to 1933.
[18] Included with "Other manufactures of rubber" prior to 1933.
[19] Included with "Combs except metal" prior to 1933.
[20] Included with "Balls for games, n. e. s." prior to 1933.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD—Continued												
E. Vegetable oils—Continued.												
Expressed oils and fats—Continued.												
Linseed oil, 1,000 lbs.	54,836	5,649	235	25	9,375	2,781	4,326	414	11	1	341	105
Soybean oil, do	20,975	17,316	4,916	405	2,035	2,829	1,305	1,109	173	11	04	91
Perilla oil, do		[3] 5,474	13,286	16,525	22,776	25,164		[3] 578	720	554	1,086	1,613
Other expressed oils, do	[1] 16,197	15,869	2,669	8,793	17,663	15,070	1,267	1,420	187	382	720	668
Essential and distilled oils							5,278	6,598	3,353	2,748	3,330	4,490
Cassia and cinnamon, 1,000 lbs.		349	306	326	397	378		438	218	158	188	243
Geranium, do	[6] 156	172	141	145	130	146	[6] 746	499	420	463	488	693
Otto of roses, 1,000 oz.	[6] 52	32	20	15	33	26	[6] 282	328	209	105	205	206
Bergamot, 1,000 lbs.	[1] 99	114	81	40	74	78	[1] 303	495	136	73	90	106
Citronella and lemon grass, do	[1] 1,108	1,326	1,026	1,508	1,865	2,186	[1] 804	618	386	483	663	724
Lavender and spike lavender, do	[1] 2,217	315	280	212	270	298	[1] 604	754	500	228	385	704
Lemon, do	530	471	347	167	242	193	382	884	216	123	139	136
Orange, do	[1] 218	198	132	114	144	140	[1] 478	585	230	112	112	155
Sandalwood, do	[6] 39	14	10	5	7	[2]	[6] 183	58	49	19	31	1
Lime, }	[6] 3,170	3,618	2,920	2,961	41	47	3,098	1,928	1,289	982	215	240
All other essential and distilled oils, do					2,797	2,793					864	1,282
F. Dyeing and tanning materials, n. e. s.							8,142	8,552	5,343	3,267	4,979	5,777
Logwood, tons	26,797	28,532	21,863	13,172	25,466	12,670	514	501	384	190	335	177
Myrobalans fruit, do	[1] 16,012	17,234	11,326	9,940	12,814	9,977	[1] 415	558	232	136	223	169
Quebracho wood, do	26,439	56,742	55,396	13,383	20,115	52,770	368	897	687	126	313	747
Sumac, do	4,935	3,975	2,960	1,427	2,577	1,563	347	242	117	40	115	87
Valonia, 1,000 lbs.	[1] 17,622	19,231	17,158	17,832	21,864	22,618	[1] 307	331	282	186	236	267
Gambier or terra japonica, do	6,184	3,942	2,258	2,262	3,402	2,744	433	275	154	146	197	168
Wattle bark, do		[7] 11,797	5,183	3,551	8,734	9,816		[7] 222	70	29	95	105
Nutgalls and gallnuts, do	[1] 68,287	[4] 1,066	1,770	1,811	1,961	2,419	1,208	[4] 122	172	125	146	218
Other crude, do		54,446	24,080	14,877	19,868	7,246		1,145	356	185	221	176
Extracts for dyeing, coloring, etc. do	3,153	1,579	1,578	710	620	313	255	143	125	66	84	55
Extracts for tanning—												
Quebracho, do	117,246	96,192	90,863	105,388	123,345	125,086	4,335	4,123	2,503	1,819	2,545	2,870
Mangrove extract, from Philippine Islands, 1,000 lbs.	6,905	6,772	13,332	6,230	10,384	11,725	249	225	361	125	214	288
All other, do				3,720	9,261	13,460				92	255	451

G. Seeds, except oil seeds							11,528	9,207	4,472	3,304	3,321	4,466
Grass and other forage crop seeds—												
Alfalfa	1,000 lbs.	[1] 7,184	2,064	179	243	4	54	[1] 966	366	26	20	(2) 12
Clover	do.	33,994	23,712	4,640	2,385	3,273	1,458	4,618	3,505	579	328	260 173
Red	do.	12,089	8,098	1,947	30		(2)	1,996	1,428	224	2	(2)
Alsike	do.	[1] 9,532	5,816	94			(2)	[1] 1,319	1,148	11		(2)
Crimson	do.	[1] 6,067	3,036	1,890	665	1,962	231	[1] 403	240	69	31	104 20
Other	do.	12,546	5,761	709	1,690	1,311	1,225	1,589	688	170	295	157 153
Vetch	do.	[1] 9,066	3,672	3,179	2,072	4,617	580	[1] 945	220	105	53	180 26
Grass seeds	do.	10,447	7,931	5,884	4,291	3,736	7,761	1,070	1,101	745	279	182 594
Seeds for the Department of Agriculture								1,453	158			(2)
Garden, field and flower seeds—												
Sugar-beet seeds	1,000 lbs.	10,510	13,433	13,962	20,913	20,277	15,756	1,206	1,403	1,309	1,390	1,315 2,036
Cabbage	do.	[1] 416	265	244	180	174	193	[1] 114	148	123	87	68 81
Canary	do.	[1] 11,749	15,848	20,638	19,622	21,424	18,709	[1] 551	568	541	317	291 406
Spinach	do.			2,011	2,379	3,783	3,402			172	184	322 313
Turnip	do.	[1] 1,442	1,504	1,262	564	1,500	1,137	[1] 176	169	138	55	121 120
Onion	do.		[7] 199	185	237	160	210		[7] 285	143	133	108 188
All other	do.	[1] 5,263	6,084	2,676	1,942	2,105	1,876	1,529	1,456	696	458	472 518
H. Nursery and greenhouse stock								7,283	7,430	4,000	2,433	2,065 2,806
Bulbs, roots, and corms—												
Hyacinth	thousands	281,063	22,342	19,933	16,900	12,415	13,612	6,739	1,516	704	559	474 614
Lily of the valley pips	do.		217,188	13,786	12,658	9,478	11,060		5,196	182	132	113 213
Tulip bulbs	do.			120,946	90,982	66,569	70,974			1,907	1,079	848 1,197
Narcissus bulbs	do.			1,090	1,048	275	919			54	20	7 40
Lily bulbs	do.			17,513	15,658	16,818	18,022			707	423	429 473
Crocus and other	do.		20,419	15,109	12,140	11,846	15,253		259	169	102	79 120
Trees, plants, cuttings, and seedlings—												
Fruit stock	do.		11,715	4,005			(2)	494	78	21		(2)
Rose stocks and plants	do.		12,484	10,024	6,866	5,436	6,371		186	119	77	59 98
All other	do.		[21] 585	357	88	7,998	921		194	137	41	55 51
I. Tobacco and manufactures								73,230	64,544	41,793	26,561	27,674 28,729
Unmanufactured	1,000 lbs.	58,078	66,942	77,013	74,452	56,907	53,166	57,786	64,831	57,018	37,088	23,027 24,582 25,131
Product of Philippine Islands	do.		1,189	2,978	4,144	3,560	1,627	1,495	177	388	554	433 143 137
Leaf, for cigar wrappers	do.		6,342	6,277	4,745	2,056	2,202	2,148	14,385	12,548	6,970	2,725 3,541 4,303
Cigar leaf (filler)—												
Unstemmed	do.		7,118	4,976	3,670	4,511	4,419	49,794	5,710	2,930	1,943	2,045 2,105
Stemmed	do.		14,896	11,260	6,973	6,742	6,755		13,741	8,275	5,146	4,790 4,512
Cigarette leaf, unstemmed	do.		43,438	43,502	35,852	33,430	38,364		24,027	17,576	12,108	13,443 13,314
Scrap	do.	1,334	2,088	2,853	2,680	2,476	2,606	475	596	697	597	539 689
Stems, not cut, or ground	do.		[4] 1,093	2,972	2,116	2,178	1,999		[4] 38	86	75	80 71
Manufactures of tobacco—												
Cigars and cheroots—												
Product of Philippine Islands	do.	2,924	2,443	2,056	2,192	1,824	3,182	4,473	3,943	3,105	3,066	2,673 3,080
Other cigars and cheroots	do.	435	378	217	42	31	43	3,542	3,176	1,365	315	228 324
Cigarettes, product of Philippine Is.	do.	3	25	10	3	19	6	6	35	15	4	24 7
All other manufactures, n. s. p. f.	do.	297	297	176	157	130	123	378	372	220	150	167 187

[1] Average for years 1923–25.
[2] Less than 500.
[3] Average for years 1928–30.
[4] June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[21] Average for years 1927–30.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD—Continued												
J. Miscellaneous vegetable products							3,785	3,842	2,639	1,656	4,003	5,710
Agar-agar, 1,000 lbs.		430	501	480	630	465		308	325	184	166	156
Hops, hop extract, and lupulin, do.	969	713	1,077	1,300	5,269	6,121	357	243	159	205	2,513	3,779
Starch, do.	10,664	23,988	19,524	11,898	15,363	14,517	405	791	385	220	315	335
Vegetable ivory, or tagua nuts, do.	31,976	23,410	17,948	10,674	21,842	9,440	1,200	728	382	148	261	116
Moss, seaweed, etc., crude, do.							500	386	226	96	93	119
Peat moss, tons of 2,240 lbs.		[4] 30,290	57,079	57,769	36,801	39,404		[4] 383	683	601	443	547
All other							1,322	1,312	479	201	212	657
GROUP 3.—TEXTILES												
Total							892,920	893,766	412,687	244,038	264,155	240,224
A. Cotton, unmanufactured, 1,000 lbs.	165,958	182,137	61,302	67,738	73,034	70,822	46,280	42,663	6,070	6,990	7,493	8,456
Short staple, under 1⅛ inches, do.	[8] 116,596	130,794	45,216	25,831	20,664	23,376	[8] 30,437	26,476	3,825	1,935	2,071	2,089
Staple 1⅛ to 1⅜ inches, do.		[4] 220	11,570	29,293	23,988	26,900		[4] 35	1,521	3,245	2,792	3,823
Long staple, 1⅜ inches or over, do.	[8] 56,364	51,300	4,516	12,614	19,382	20,547	[8] 19,187	16,178	724	1,510	2,630	3,544
B. Cotton, semimanufactures							8,389	5,421	1,788	933	1,935	3,628
Cotton waste, 1,000 lbs.	36,068	33,823	14,785	6,501	20,786	61,866	3,337	2,112	595	177	814	2,171
Yarns and warps—												
Not bleached, dyed, or plied, etc., do.	4,238	33				1	5,052	29				[9]
Bleached, dyed, combed, or plied, do.		2,747	1,466	1,264	1,597	1,742		3,280	1,193	756	1,121	1,457
C. Cotton manufactures							78,178	58,206	38,868	26,969	28,934	28,382
Sewing thread, crochet, darning, embroidery, and knitting cotton, million yds.	4,140	1,832	1,365	1,084	1,063	972	2,890	1,615	812	647	596	651
Cotton cloth, 1,000 sq. yds.	150,874	56,336	34,732	29,436	40,129	41,534	35,963	14,605	7,035	4,248	6,025	6,736
Not bleached, do.	67,387	23,171	7,136	4,306	4,355	3,869	13,290	4,727	1,133	519	628	640
Bleached, do.	14,001	9,367	9,316	11,420	20,027	20,506	3,747	2,021	1,472	1,382	2,517	2,661
Printed, dyed, or colored, do.	69,486	23,798	18,280	13,709	15,747	17,160	18,926	7,856	4,430	2,347	2,880	3,535
Cotton fabrics, n. e. s., and household articles							2,988	8,060	4,859	2,675	2,766	2,850
Cloth, chief value cotton, less than 17 per cent wool, 1,000 lbs.		[4] 42	230	9	13	1		[4] 20	57	3	3	3
Table damask and manufactures							[1] 405	307	191	207	235	280
Pile fabrics and manufactures							703	2,396	1,687	447	357	255
Velvets and velveteens, 1,000 sq. yds.		[3] 2,464	701	37	60	227		[3] 1,863	586	33	52	93
Other								[3] 403	1,101	414	305	162

Tapestries and other Jacquard woven upholstery cloths							1,867	4,589	1,538	736	809	800
Blankets and blanket cloth, 1,000 lbs			89	6	21	4		354	50	1	5	1
Table covers, napkins, doilies, etc							[6] 400	308	172	142	508	525
Bed spreads and quilts, thousands		[4] 394	1,020	1,162		989		[4] 403	962	940	680	881
Sheets, pillow cases, towels, etc								[4] 104	202	200	167	106
Wearing apparel							12,815	14,760	11,405	8,340	8,247	8,551
Product of Philippine Islands							3,113	4,059	2,044	2,660	1,831	2,121
Knit or crocheted goods—												
Gloves and mittens, 1,000 doz. prs	1,414	2,107	2,535	2,276	2,795	2,313	4,480	6,571	6,848	4,351	5,268	5,214
Hosiery, do	764	649	600	521	449	456	1,635	2,025	1,584	828	613	516
Underwear and other knit goods							244	436	224	179	198	331
Wearing apparel wholly or partly of lace, or embroidered, beaded, etc							[1] 2,632	702	336	165	106	129
All other							1,765	966	369	156	231	241
Other cotton manufactures							23,523	19,167	14,755	11,069	11,301	9,495
Handkerchiefs and mufflers—												
Not of lace, embroidered, etc, 1,000 doz					802	1,349		649	273	137	191	235
Lace trimmed, or embroidered, etc, thousands			2,971	1,312	989	156	2,145	1,111	161	55	45	10
Laces, embroideries, etc							6,576	11,259	9,247	6,175	6,010	5,065
Product of Philippine Islands							296	510	267	232	38	139
Handmade laces							1,770	790	432	387	287	211
Machine-made laces							10,006	6,201	6,311	3,975	4,058	3,092
Articles in part of lace							[1] 1,304	1,290	615	351	214	217
Lace window curtains							610	449	214	241	338	204
Embroideries							833	587	327	47	13	9
All other laces, embroideries, etc							2,273	1,432	1,081	942	1,062	1,193
Cotton floor coverings, 1,000 sq. yds		[7] 4,851	7,291	9,415	11,361	11,119		[7] 2,282	2,897	3,308	3,191	1,945
Belting for machines, 1,000 lbs		[4] 183	438	351	268	236		[4] 99	198	127	102	113
Rags, except paper stock, do		[4] 9,539	17,019	11,589	15,442	17,483		[4] 502	751	310	460	725
Other cotton manufactures, n. e. s							4,802	5,115	1,228	947	1,301	1,402
D. Jute and manufactures							76,556	93,709	37,681	22,469	31,072	35,582
Jute, unmanufactured, tons of 2,240 lbs	71,358	60,346	48,665	27,976	44,795	42,344	9,002	9,442	3,669	1,804	2,590	2,950
Jute butts, unmanufactured, do		19,668	17,957	1,116	6,492	9,246		1,848	835	63	296	298
Waste bagging and waste sackcloth, 1,000 lbs	[1] 11,630	38,604	55,075	62,978	69,158	56,187	[1] 265	1,119	953	735	1,096	1,069
Yarns, single, do	[1] 4,061	824	8		8		[1] 453	96	1		1	
Cordage, do		[4] 149	262	168	121	125		[4] 22	32	13	11	13
Burlaps, do	559,263	606,083	431,363	341,544	402,972	372,001	60,406	72,250	28,757	16,908	24,484	27,528
Bagging for cotton							1,822	3,532	873	614	382	522
Woven fabrics, n. e. s, 1,000 lbs	[1] 2,151	2,039	1,522	1,116	1,896	1,333	[1] 705	625	361	190	376	327
Jute bags or sacks, do	47,803	40,778	37,663	43,148	34,757	39,567	4,175	4,146	1,002	1,768	1,496	2,203
Other jute manufactures							[8] 372	647	298	373	341	673

[1] Average for years 1923–25.
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[4] June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–25.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 3.—TEXTILES—Continued												
E. Flax, hemp, and ramie, and manufactures							48,197	47,944	30,079	20,713	22,428	24,875
Flax, unmanufactured—tons of 2,240 lbs.	5,254	5,826	3,087	3,525	4,682	4,582	2,984	3,080	687	763	1,293	1,714
Hackled—do	1,522	1,980	517	543	690	1,021	1,720	1,638	265	264	425	678
All other—do	3,732	3,845	2,570	2,982	3,992	3,561	1,264	1,442	422	509	868	1,036
Hemp, unmanufactured—do	3,921	1,708	1,018	506	630	672	1,162	549	148	75	133	171
Manufactures of flax, hemp, and ramie							44,051	44,315	29,244	19,875	21,003	22,990
Single yarns—1,000 lbs.	4,764	2,578	1,983	1,120	1,541	1,554	1,484	1,204	555	288	550	713
Thread and twine—do	[1] 640	496	364	231	490	418	[1] 721	554	277	157	259	266
Fabrics—1,000 lbs.			22,216	19,345	21,701	19,065	25,011	23,227	14,076	9,305	11,113	12,407
Woven fabrics of flax 30 to 100 threads to the sq. inch, 4 to 12 oz. to the sq. yd., 12 to 36 inches in width—1,000 lbs.	[1] 4,049	2,365	2,084	1,339	1,730	1,144	[1] 3,060	1,552	947	476	584	535
Plain woven fabrics, weighing less than 4 oz. per sq. yd.—1,000 lbs.	[1] 5,337	3,781	4,743	4,368	4,315	3,853	[1] 7,577	4,653	4,357	3,173	3,989	4,170
Table-damask and manufactures—do				2,863	2,335	2,259	[1] 5,781	6,434	2,951	2,093	1,928	2,141
Pile fabrics and manufactures—do		[14] 103	472	159	61	27		[14] 152	663	208	80	39
Woven fabrics for padding or interlining 1,000 lbs.		[14] 799	2,547	2,360	3,520	1,610		[14] 300	736	537	939	571
Other fabrics of flax, hemp or ramie 1,000 lbs.	[1] 11,500	13,066	9,380	8,255	9,739	10,172	[1] 13,947	10,496	4,422	2,819	3,594	4,950
Wearing apparel							429	497	463	369	194	70
Handkerchiefs—												
Not embroidered nor of lace—1,000 doz.	2,301	3,570	2,630	1,714	1,610	1,012	3,663	3,651	2,084	1,088	1,194	960
Made of lace or embroidered—do		1,505	2,576	1,618	1,010	1,371		1,904	2,329	1,498	1,104	1,578
Laces, embroideries, etc.—												
Embroideries and embroidered articles							5,188	5,426	3,171	2,472	2,206	2,098
Laces, drawn work, etc.								929	96	42	57	52
Towels, napkins, and bed clothing thousands	[6] 14,296	25,006	37,194	34,262	30,227	28,159	[6] 3,144	3,734	3,611	2,493	2,466	2,577
Other manufactures n. e. s							6,566	3,131	2,582	2,161	1,859	2,267
F. Other vegetable fibers and manufactures							37,034	43,619	17,185	14,846	14,899	13,658
Unmanufactured fiber—tons of 2,240 lbs.	213,452	213,060	153,234	222,440	185,070	141,980	33,368	37,904	13,617	12,176	11,498	10,624
Istle or tampico fiber—do	12,248	12,625	9,953	8,432	6,261	6,317	1,212	1,557	650	340	251	384
Manila or abaca fiber—do	71,452	60,849	30,740	25,659	32,707	42,067	12,318	12,670	2,939	1,614	1,864	2,790
New Zealand fiber—do	[22] 917	3,975	304	125	52		[22] 151	610	26	7	3	
Crin vegetal—do			9,848	5,016	5,128	3,637			285	124	156	124
Sisal and henequen fiber—do	109,124	118,560	89,300	168,205	126,268	78,082	14,478	18,493	7,451	8,427	7,184	5,537
Kapok—do	8,324	7,976	7,830	7,768	9,298	6,374	3,647	3,578	1,819	1,434	1,704	1,297
All other, n. e. s—do	12,121	9,074	5,259	7,235	5,356	5,483	1,682	996	447	231	337	492

Manufactures of—												
Binding twine	1,000 lbs.	9,791	13,563	22,889	31,992	47,989	25,200	1,134	1,481	1,891	1,623	2,179	1,401
Cordage—													
Product of the Philippine Islands	do.	[1] 5,056	6,524	5,380	4,942	7,940	9,863	[1] 632	885	547	445	656	915
Other	do.	[1] 3,200	5,949	2,611	3,768	1,891	2,102	[1] 496	824	246	275	145	198
Other manufactures								1,789	2,525	884	327	420	520
I. Wool, including mohair, etc., unmanufactured	1,000 lbs.	339,811	253,242	158,385	56,535	152,067	109,401	102,389	78,790	22,372	6,039	18,547	16,784
Carpet wool (actual weight)	do.	138,453	135,503	120,500	40,935	119,934	85,187	29,695	34,300	14,354	3,602	12,541	11,173
Clothing wool (actual weight)	do.	63,677	16,858	6,344	5,161	5,274	4,031	17,137	6,050	1,527	743	925	1,109
Combing wool (actual weight)	do.	132,028	96,440	30,954	10,214	25,777	18,475	53,335	36,230	6,140	1,577	4,354	4,273
Hair of the Angora goat, Cashmere goat, alpaca, etc. (actual weight)	1,000 lbs.	5,053	4,439	586	226	1,082	1,058	2,201	2,209	350	106	226	229
Hair of the Angora goat (mohair)	do.	[1] 3,454	3,765	175	113	697	646	[1] 1,665	1,780	44	20	108	90
Hair of the Cashmere goat, alpaca, etc	do.	[1] 1,236	674	411	113	385	412	[1] 518	429	306	86	118	139
Wool, carbonized	do.		[4] 12	200		1	1		[4] 5	66		(2)	(2)
J. Wool, semimanufactures								20,544	12,451	2,105	1,160	2,161	1,677
Noils	1,000 lbs.		6,393	2,067	1,821	2,449	1,287		4,333	1,241	698	815	514
Wool rags [23]	do.	33,041	18,062	1,027	667	1,691	968	12,161	5,153	251	142	465	414
Waste	do.		3,615	769	122	1,293	811		1,900	225	29	410	257
Tops and other wool advanced	do.	4,902	286	24	8	97	101	3,288	318	19	4	62	93
Yarns	do.	3,967	332	153	205	344	294	5,094	746	369	287	409	399
Mohair	do.	[6] 774	130	6	6	85	31	[6] 958	281	6	6	48	23
Rabbit, including Angora rabbit	do.		[4] 84	37	25	28	19		[4] 568	236	116	151	121
Other hair and wool	do.	[6] 1,250	201	110	174	231	244	[6] 1,958	465	127	165	210	255
K. Wool manufactures								44,048	56,844	20,300	11,539	13,403	12,935
Woven fabrics of mohair and wool	1,000 sq. yds.	[6] 22,082	17,859	4,721	3,712	5,032	4,441	18,774	18,437	4,816	2,603	3,911	4,274
	1,000 lbs.	9,936	9,253	2,602	1,953	2,775	2,472						
Mohair fabrics	1,000 sq. yds.	[6] 396	376	77	65	86	28	[1] 214	155	27	13	17	9
	1,000 lbs.	[1] 102	84	17	14	20	7						
Worsteds—													
Weighing not over 4 oz. per sq. yd	1,000 sq. yds.	[6] 4,442	4,401	446	371	492	357	[6] 2,022	1,833	184	125	170	150
	1,000 lbs.	[6] 933	907	87	74	97	69						
Weighing over 4 oz. per sq. yd	1,000 sq. yds.	[6] 1,580	1,833	908	664	912	730	[6] 1,924	2,665	959	493	762	783
	1,000 lbs.	[6] 806	988	472	353	492	365						
Woolens—													
Weighing over 4 oz. per sq. yd	1,000 sq. yds.	[6] 15,666	11,251	3,290	2,612	3,542	3,327	[6] 17,246	13,784	3,646	1,972	2,963	3,332
	1,000 lbs.	[6] 9,422	7,275	2,026	1,512	2,166	2,031						
Other fabrics of wool	do.	[1] 34	99	376	153	190	144	[1] 72	193	498	144	167	151
Wearing apparel								9,610	16,041	6,900	3,896	4,295	4,371
Knit crocheted goods—													
Hosiery	1,000 doz. prs.	[1] 506	356	247	178	208	140	[1] 3,188	2,279	956	411	582	435
Gloves and mittens	do.	[1] 183	125	81	43	45	63	[1] 471	261	144	74	99	144
Other knit and crocheted goods	1,000 lbs.	[1] 310	506	1,007	878	780	410	[1] 1,193	2,192	2,217	1,574	1,521	1,129

[1] Average for years 1923–25.
[2] Less than 500.
[4] June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[11] 1930 only.
[22] 1921 only.
[23] Wool rags, flocks, and mungo prior to June 18, 1930.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 3.—TEXTILES—Continued												
K. Wool manufactures—Continued.												
Wearing apparel—Continued.												
Hats and hat bodies of wool-felt—1,000 lbs.	[1] 1,775	[2] 4,402	3,024	1,812	1,632	1,759	[1] 5,738	[2] 6,496	2,409	1,126	1,128	1,607
Hat bodies of wool-felt—do.			3,011	1,811	1,632	1,757			2,390	1,121	1,125	1,602
Hats of wool-felt—do.			13	1	(3)	1			19	5	3	5
All other wearing apparel—do.		2,137	310	251	327	321		6,113	1,174	711	965	1,055
Wool laces, embroideries, etc.							[6] 730	331	76	45	44	40
Carpets and rugs—1,000 sq. yds.	2,365	3,027	1,642	1,303	1,460	1,053	13,149	19,528	8,222	4,751	4,867	4,016
Oriental, Axminster, Savonnerie, Aubusson, oriental weave, and chenille Axminster—1,000 sq. yds.	[1] 2,187	2,161	1,089	764	805	492	[1] 14,423	17,015	7,251	4,148	4,200	3,333
All other—do.	[1] 610	866	553	539	655	561	[1] 1,389	2,514	971	603	667	683
Other manufactures of wool							2,173	2,314	289	101	118	133
L. Hair and manufactures, n. e. s.							8,944	5,456	2,789	1,364	1,858	1,796
Human hair—												
Unmanufactured—1,000 lbs.	1,581	2,604	2,249	2,152	2,277	2,181	800	917	383	305	279	394
Nets and netting—1,000 gross		610	529	385	393	353	[24] 4,585	609	315	255	252	265
Other manufactures								168	107	56	82	69
Horse hair, tails, or manes—1,000 lbs.	4,899	4,136	3,357	2,370	3,852	2,087	2,336	2,125	1,300	449	644	562
Cattle body hair (10 cents or less per pound) 1,000 lbs.	9,275	11,649	4,187	1,407	3,266	3,225	1,152	1,538	219	52	133	167
Other animal hair, n. e. s.—do.			3,221	1,490	3,927	2,619			425	206	455	327
Hair manufactures n. e. s.—do.	[6] 665	318	120	338	68	38	[5] 120	98	34	41	11	13
M. Silk, unmanufactured—do.	62,030	88,458	89,446	77,586	73,005	60,447	356,287	374,715	192,287	114,325	103,595	72,528
Raw silk—do.	52,119	75,343	83,853	74,053	67,245	56,379	348,123	368,232	191,290	113,882	102,536	71,764
Waste and cocoons—do.	9,911	11,114	5,593	3,533	5,760	4,068	8,163	6,482	997	444	1,058	764
N. Silk manufactures							40,941	36,383	16,625	5,933	6,229	6,683
Spun silk or schappe silk yarn—1,000 lbs.	1,383	516	171	22	87	19	4,385	1,401	342	37	47	31
Singles—do.	[1] 243	60	27	6	77	(3)	[1] 642	166	76	11	30	(3)
Plied—do.	[1] 1,109	456	144	16	10	19	[1] 3,927	1,234	266	26	17	31
Bolting cloths—do.	[1] 21	23	15	12	15	12	488	594	366	269	387	409
Fabrics, broad, except pile fabrics—do.	2,959	3,314	3,120	1,611	1,793	1,733	17,580	15,545	9,065	3,048	3,482	3,709
Fabrics not over 30 inches wide—												
Not jacquard, figured—1,000 sq. yds.		[4] 427	2,073	964	1,195	987		[4] 269	984	396	407	308
1,000 lbs.		[4] 61	212	119	137	89						
Jacquard, figured—1,000 sq. yds.		[4] 87	572	310	393	236		[4] 106	853	397	511	402
1,000 lbs.		[4] 13	120	68	84	50						

Fabrics over 30 inches wide—													
Not jacquard, figured	1,000 sq. yds.		[4] 3,765	28,979	15,330	18,168	17,898		[4] 1,191	6,053	2,028	2,308	2,726
	1,000 lbs.		[4] 383	2,590	1,377	1,518	1,544						
Jacquard, figured	1,000 sq. yds.		[4] 119	772	209	284	256		[4] 196	1,145	227	256	272
	1,000 lbs.		[4] 25	198	47	54	50						
Pile fabrics	do.		672	240	64	35	18		4,525	1,183	302	213	100
Pile ribbons and manufactures of pile fabrics	do.	660	84	148	63	16	12	4,029	461	687	255	79	69
Wearing apparel								6,310	7,347	2,586	1,061	1,130	1,340
Product of Philippine Islands								16	[21] 114	43	18	46	37
Not knit, not embroidered, etc.									3,436	1,283	600	678	896
Embroidered, etc., or of lace								5,404	3,550	1,128	381	346	365
Knit or crocheted									270	132	62	60	42
Handkerchiefs and mufflers—													
Hemmed or not hemmed	1,000 doz.	483	492	383	145	323	372	923	1,020	411	131	194	260
Embroidered or of lace	do.		198	18	9	7	3		192	27	11	7	5
Laces, embroideries, etc.								4,722	3,781	1,517	624	494	520
Laces and lace articles								[1] 2,294	1,820	1,043	456	345	381
Embroideries								[1] 1,281	1,553	379	127	119	98
All other								[1] 775	409	95	41	30	41
Ribbons, n. e. s., braids, and narrow fabrics								670	292	55	23	20	25
All other manufactures of silk								1,834	1,225	381	173	177	215
O. Manufactures of rayon or other synthetic textiles								9,216	15,276	4,743	2,621	4,137	2,173
Waste, noils, tops	1,000 lbs.	[1] 4,639	3,212	1,382	311	2,548	1,287	[1] 1,525	789	135	43	426	182
Yarns, threads, and filaments	do.	3,675	12,249	2,674	2,729	4,269	308	5,440	10,123	1,810	826	1,761	149
Bands, or strips, not over 1 inch wide	do.		[4] 48	117	218	82	27		[4] 46	122	186	65	27
Fabrics, woven and knit	do.		[7] 277	259	283	262	189		[7] 1,097	792	626	654	547
Wearing apparel									[4] 292	872	537	706	649
Handkerchiefs	thousands.			21	22	32	83	2,862	[4] 17	11	11	18	26
All other manufactures									3,853	1,001	387	506	592
P. Miscellaneous textile products								15,939	22,257	19,297	8,442	7,464	10,116
Straw or other fiber hats and materials								10,213	14,926	15,383	6,074	5,235	7,540
Materials, including braids, etc., in part of rayon								5,329	4,315	2,586	1,407	1,314	1,480
Hats of straw, grass, etc.	thousands.		30,307	41,999	25,689	33,222	35,322	4,884	10,611	12,797	4,667	3,921	6,060
Product of Philippine Islands	do.	344	534	351	399	802	671	521	1,416	449	336	643	619
Hats not blocked or trimmed—													
Not bleached	do.	[6] 11,873	7,645	30,912	14,432	6,642	10,792	2,605	5,394	11,696	3,432	1,857	3,324
Bleached, dyed, etc.	do.					7,805	7,798					795	1,574
Blocked or trimmed	do.	3,515	3,150	12	5	3	2	935	1,751	39	11	11	9
Sewed	do.	[6] 2,257	3,123	197	902	381	100	[6] 1,253	1,202	135	588	190	63
Harvest hats less than $3 per dozen	do.	[6] 14,234	15,751	10,377	9,902	17,590	15,959	[6] 802	845	374	274	425	472
Hats, n. e. s. in part of rayon or other synthetic textile	thousands.		[4] 19	150	49				[4] 16	104	26		

[1] Average for years 1923–25.
[2] Less than 500.
[4] June 18 to Dec. 31, 1930.
[5] Average for years 1921, 1924, and 1925.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[21] Average for years 1927–30.
[24] Data prior to Sept. 22, 1922, are "manufactures of hair".

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 3.—TEXTILES—Continued												
P. Miscellaneous textile products—Continued												
Floor coverings, n. e. s.—												
Pile mats of coco fiber or rattan...1,000 sq. ft.	----------	4,005	2,513	2,018	1,466	1,043	----------	406	218	112	97	74
Matting and mats of China, Japan, and India straw...1,000 sq. yds.	7,034	2,081	1,098	1,077	793	1,961	1,297	256	84	76	46	121
Other floor coverings, n. e. s.....do....	----------	4,093	2,498	3,400	3,869	1,255	----------	992	473	351	329	272
Artificial flowers, etc. and manufactures							[1] 3,255	3,034	1,448	321	503	609
Body supporting garments							----------	[4] 326	564	406	412	384
Mixed fabrics, 17 percent or more of wool, wool not chief value...1,000 lbs.	----------	[4] 56	69	58	69	81	----------	[4] 91	119	52	62	88
Tracing cloths...do....	[1] 3,140	2,296	1,412	885	813	1,083	[1] 1,454	1,200	704	351	365	558
Other coated, or waterproof, fabrics...do....		1,620	320	252	344	392		450	89	57	96	117
Linoleum, inlaid...1,000 sq. yds.	1,213	533	115	199	296	291	1,271	592	106	107	157	189
Other linoleum and floor oil cloth...do....		319	193	84	512	453		317	109	34	164	164
GROUP 4.—WOOD AND PAPER												
Total							296,590	358,780	237,355	168,115	170,016	181,454
A. Wood, unmanufactured							14,879	16,050	7,243	3,739	4,100	4,214
Cedar logs...1,000 ft. b.m.	[1] 125,990	102,507	20,718	27,903	32,575	20,148	[1] 2,213	1,457	189	244	309	172
Logs of fir, spruce, or western hemlock...do....			127,656	58,933	86,579	17,340			1,299	464	762	155
Other logs and timber, n. e. s.							2,125	1,704	230	132	96	85
Teak...1,000 ft. b.m.	----------	[4] 1,687	2,662	522	250	52	----------	[4] 511	725	78	32	10
Cabinet woods in the log—												
Product of Philippine Islands.....do....	[5] 928	5,047	1,203	----------	----------	895	[5] 54	208	50	----------	----------	28
Mahogany.....do....	54,074	55,201	16,760	7,784	4,551	7,362	4,623	4,120	937	437	257	533
Cedar, Spanish [25].....do....	9,277	4,870	700	769	779	966	583	317	41	37	30	43
All other.....do....	[5] 7,143	9,761	3,331	4,348	2,044	2,622	692	1,263	362	288	241	310
Railroad ties...thousands....	[1] 1,036	968	395	425	451	431	[1] 691	778	292	302	357	326
Rattan, unmanufactured...1,000 lbs..	[1] 14,154	9,384	5,592	4,435	5,280	6,742	1,249	715	301	201	282	370
Poles—telegraph, telephone, etc...thousands..	[1] 621	859	398	175	159	190	[1] 2,737	3,525	1,542	628	503	503
Brier, ivy, or laurel root							[5] 294	340	338	201	244	380
Other unmanufactured wood							2,101	1,521	937	727	987	1,299

B. Wood semimanufactures—sawmill products							69,410	56,703	20,319	10,913	12,251	11,772
Sawed boards and lumber, n. e. s.—												
Softwood M ft.	1,576,375	1,469,443	698,278	351,783	309,638	243,597	48,765	38,020	14,061	6,530	6,509	5,834
Hardwood do		69,679	24,558	15,276	26,923	20,875		3,883	1,019	550	912	881
Cabinet woods, sawed—												
Product of Philippine Islands do	10,946	31,150	17,965	6,936	15,411	17,352	638	1,469	866	256	491	671
Other cabinet woods, sawed do	5,239	4,184	4,350	5,327	4,960	5,063	379	339	290	271	285	331
Other lumber							[22] 2,287					
Laths millions	1,478	1,209	467	193	164	148	3,627	5,650	1,215	511	408	387
Shingles do	2,430	1,888	988	1,239	1,570	1,376	9,162	6,853	2,606	2,568	3,496	3,542
Pickets and palings							[5] 478	491	262	227	150	125
C. Wood manufactures							9,055	10,200	5,183	2,915	7,221	3,558
Barrels, boxes, and shooks thousands	[1] 1,564	2,209	979	750			[1] 365	338	161	116	4,355	560
Clapboards (siding) M ft		[4] 1,976	3,422	2,022	1,390	154		[4] 80	127	65	67	8
Veneers and plywoods 1,000 sq. ft		[4] 1,341	5,208	4,799	4,382	4,369		[4] 43	108	57	87	63
Baskets thousands	13,782	12,850	11,017	9,423	6,245	9,496	1,780	1,038	564	351	300	394
Cane or reed and manufactured rattan 1,000 lbs	[1] 5,163	4,011	2,376	1,080	1,578	1,409	622	422	186	69	114	108
Osier or willow for basket making do	[1] 1,908	670	263	144	132	142	[1] 128	38	11	3	3	5
Manufactures of rattan, bamboo, osier, or willow (except furniture)							[6] 574	242	178	94	99	148
Furniture of rattan, reed, bamboo, grass, osier, willow, or fiber								282	138	106	54	70
Chairs, except bentwood thousands			43	25	23	13			333	143	104	77
Bentwood furniture							2,479		273	155	293	284
Wood furniture, n. e. s								4,489	1,465	599	618	488
Mfrs. of wood, product of Philippine Islands							38	73	42	21	20	13
Other manufactures of wood							3,486	3,254	1,596	1,137	1,107	1,340
D. Cork and manufactures							4,889	10,104	3,788	2,009	3,220	4,181
Wood or bark, unmanufactured 1,000 lbs	56,824	100,723	55,519	29,599	93,932	66,111	1,398	2,981	1,619	684	1,698	2,287
Waste, shavings, etc do	140,950	139,412	79,882	88,838	93,252	56,463	1,749	3,209	1,394	1,172	1,157	1,025
Disks, wafers, and washers do	428	633	92	51	134	108	344	507	60	35	104	109
Cork insulation							[1] 764	2,636	576	30	20	9
Cork stoppers 1,000 lbs		394	110	96	267	501	[12] 390	416	72	48	180	407
Other cork manufactures							661	356	67	39	62	344
E. Paper base stocks							94,219	114,498	75,193	54,401	65,330	71,209
Pulp woods 1,000 cords	1,248	1,492	1,022	648	723	971	13,607	15,686	11,211	5,582	5,362	7,323
Rough spruce do	286	409	182	114	119	169	2,956	4,076	1,940	912	900	1,232
Other rough do			5		1	16			43		3	85
Peeled spruce do	844	1,029	620	459	492	668	9,082	10,910	7,229	4,207	3,801	5,360
Other peeled do			198	72	100	113			1,786	433	585	611
Rossed do	117	53	17	3	12	5	1,569	700	213	29	73	35

[1] Average for years 1923–25.
[4] June 18 to Dec. 31, 1930.
[5] Average for years 1921, 1924, and 1925.
[6] Average for years 1924 and 1925.
[8] Average for years 1922–25.
[12] 1925 only.
[22] 1921 only.
[25] "Cedar" prior to 1923.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 4. WOOD AND PAPER—Continued												
E. Paper base stocks—Continued:												
Wood pulp—tons of 2,240 lbs.	1,165,276	1,584,480	1,425,376	1,323,000	1,733,556	1,612,478	67,002	86,044	60,887	46,903	57,369	61,825
Mechanically ground—do			188,004	168,272	187,686	169,084			4,494	3,268	3,211	3,245
Unbleached—do	229,222	244,866	176,206	152,716	176,869	169,331	7,183	6,615	4,211	2,998	3,031	3,021
Bleached—do			11,798	15,556	10,817	9,753			283	271	180	224
Sulphite wood pulp—												
Unbleached—do	446,770	649,989	540,006	508,088	643,003	603,217	24,924	34,481	22,995	17,048	19,946	21,796
Bleached—do	221,605	314,199	320,016	311,046	400,697	355,384	18,545	23,866	18,930	14,727	19,142	19,411
Soda pulp—do	1,226	[14] 1,932	3,055	1,569	3,568	6,665	76	[14] 126	168	66	139	305
Sulphate wood pulp—												
Unbleached (kraft)—do	249,746	359,755	344,612	310,659	461,980	429,853	15,270	20,004	12,035	9,819	12,568	13,734
Bleached—do	16,708	15,285	29,683	23,366	36,622	48,275	1,004	1,052	2,267	1,976	2,362	3,335
Other pulp—do	[1] 1,695	4,472	254	179	188	137	[1] 109	329	21	18	30	25
Rags for paper stock—1,000 lbs.	379,223	406,573	116,681	86,469	171,544	101,524	8,318	8,224	1,571	1,116	1,415	1,283
Other paper stock	191,584	215,975	123,285	84,970	105,046	52,525	5,227	4,213	1,503	781	1,154	754
F. Paper and manufactures							105,239	151,219	125,623	94,135	77,894	86,520
Printing paper—												
Standard newsprint—1,000 lbs.	2,374,511	4,242,903	4,133,812	3,584,260	3,587,082	4,419,396	90,895	134,239	112,170	84,721	68,495	76,272
All other, n. e. s.—do	13,335	8,219	3,000	3,639	4,186	7,800	657	405	94	97	89	168
Grease-proof and waterproof papers—do	[1] 2,306	1,584	357	431	640	346	[1] 249	326	75	57	90	78
Kraft wrapping paper—do	46,975	9,842	3,997	7,237	8,318	8,053	1,995	418	169	221	276	298
Other wrapping paper—do		8,870	2,903	2,538	1,747	1,602		292	136	79	66	59
Writing, letter, drawing, etc., papers—do	[1] 3,139	3,384	2,476	1,681	1,605	1,635	[1] 672	859	477	264	276	360
Writing paper and envelope combinations								[4] 263	253	92	37	24
Surface-coated—1,000 lbs.	1,269	2,197	1,099	838	1,255	1,635	344	916	538	343	465	613
Uncoated papers, decorated or embossed—do		[4] 92	146	51	28	27		[4] 29	38	13	9	10
Tissue and similar paper—do	[1] 2,385	3,551	2,006	1,425	1,593	1,599	[1] 1,022	1,935	1,132	598	622	759
Pulp board in rolls—do	65,850	57,041	23,263	21,666	12,581	18,184	1,786	1,307	495	367	218	318
Paper board, pulp board, n. e. s., and cardboard—1,000 lbs.		[3] 18,540	14,154	10,436	13,719	15,594	[1] 735	606	296	183	231	270
Leather board, test and wall board—do		[3] 1,514	2,344	2,366	10,188	7,219		[3] 72	121	135	369	240
Cigarette paper, cigarette books and covers—1,000 lbs.	[1] 11,275	12,241	20,737	17,442	16,263	15,774	3,362	3,618	5,396	4,141	3,703	4,123
Hanging paper (wall paper)—do	[1] 10,022	2,614	1,034	404	244	248	541	851	305	98	73	95
Duplex decalcomania, not printed—do	[1] 447	621	406	288	374	442	123	147	85	47	71	94
Boxes, paper, papier-mâché, or paper board							[6] 1,264	1,435	969	700	612	634
Manufactures of pulp or papier-mâché, n. e. s.								461	418	265	358	341
All other paper and manufactures							3,423	3,492	2,456	1,713	1,835	1,764

GROUP 5.—NONMETALLIC MINERALS												
Total							230,110	280,241	154,255	96,138	65,643	86,519
A. Coal and related fuels							12,330	7,572	6,188	5,137	4,054	50,661
Anthracite coal, tons of 2,240 lbs.	186,362	442,799	569,599	542,051	407,528	426,891	1,560	3,626	4,143	3,529	2,617	3,465
Bituminous coal, shale, and lignite 1,000 tons of 2,240 lbs.	1,646	422	185	167	176	160	9,804	2,091	1,016	892	816	725
Coke, tons of 2,240 lbs.	88,327	152,412	92,467	104,710	143,597	143,691	881	1,361	691	370	484	865
Charcoal, briquets, etc.							[1] 92	492	336	347	138	11
B. Petroleum and products							90,793	131,901	92,741	60,630	25,693	36,521
Crude petroleum—												
Bonded, for refining and export, or for supplies of vessels, 1,000 bbls. of 42 gals.	94,857	67,919	47,250	44,700	31,908	4,625	68,012	78,641	39,221	30,424	17,706	3,920
Other, do.						31,146						21,983
Advanced and refined oils, do.	12,545	23,779	38,702	30,228	13,257	14,800	22,214	51,788	52,149	29,241	7,080	9,572
Fuel oil, including topped petroleum—												
Bonded for refining and export or for supplies of vessels, 1,000 bbls. of 42 gals.	9,673	15,290	24,998	21,725	6,606	9,295	11,356	14,191	16,215	11,400	3,342	5,118
Other, do.					6,503	5,182					3,237	3,437
Tops and other unfinished distillates, do.		218	40	12	19	323		644	232	116	157	683
Finished light products—												
Bonded for manufacture and export 1,000 bbls. of 42 gals.	2,840	8,100	13,621	8,394	93	134	10,617	36,156	35,069	17,287	147	237
Other, do.					23	2					77	9
Illuminating oil (kerosene), do.	[1] 12	148	11	78	9	8	[1] 85	482	69	116	55	18
Lubricating oils, including paraffin oil, do.	[1] 26	24	32	19	4	8	[1] 190	314	564	322	65	71
Paraffin, paraffin wax, and similar products 1,000 lbs.	10,458	25,290	37,835	33,255	34,872	33,837	566	1,472	1,371	965	907	1,046
C. Stone, sand, cement, and lime							5,906	8,400	3,328	1,795	1,880	1,403
Marble, breccia, and onyx—												
In blocks, or sawed over 2 inches thick 1,000 cu. ft.	587	777	237	146	63	19	1,220	1,884	563	300	197	126
Manufactures							333	760	374	136	117	60
Granite, 1,000 cu. ft.			108	67	50	55		[4] 159	278	167	107	103
Other building or monumental stone, n. e. s.							598	914	409	241	243	226
Other stone, n. e. s.							198	256	138	82	83	101
Cement, Roman, Portland, and other hydraulic, 1,000 bbls.[26]	1,558	2,055	470	468	477	268	2,582	2,852	545	368	406	289
Lime, 1,000 lbs.	[1] 45,351	57,842	43,401	33,301	21,010	18,465	[1] 368	357	192	106	105	83
Gypsum or plaster rock—												
Crude, tons of 2,240 lbs.	407,930	825,046	637,393	333,993	320,973	321,595	648	1,153	713	347	374	371
Ground, calcined, cements, and other manufactures							103	193	114	47	47	43

[1] Average for years 1923–1925.
[3] Average for years 1928–1930.
[4] June 18 to Dec. 31, 1930.
[5] Average for years 1924 and 1925.
[14] 1930 only.
[26] Barrels of 376 pounds.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 5.—NONMETALLIC MINERALS—Continued												
D. Glass and glass products							16,989	15,203	6,397	3,667	3,549	4,213
Cylinder, crown and sheet—												
Plain—1,000 lbs.	[2] 44,800	62,692	7,721	3,614	4,393	2,404	[2] 2,342	2,253	292	116	162	91
Bent, beveled, colored, etc.—do.			1,767	779	710	811	[1] 613	482	254	108	80	115
Plate glass—1,000 sq. ft.	15,896	15,935	4,887	1,170	596	250	8,245	4,234	1,126	244	141	81
Rolled glass, ground, obscured, bent, beveled, colored, etc.								[4] 29	115	74	41	28
Bottles, vials, jars, and other containers							248	428	534	389	644	790
Scientific articles and utensils								553	389	273	255	247
Tubes and rods								[4] 52	127	71	78	72
Bulbs for electric lamps (no filaments)—thousands			13,221	14,033	3,401	1,444	3,546	4,778	119	108	34	22
Other blown glassware									1,987	1,368	1,251	1,670
Illuminating articles								877	369	202	185	189
Pressed glass articles							[1] 172	221	139	106	124	116
Other glassware							2,136	1,360	946	608	556	792
E. Clay and clay products							19,235	23,824	10,071	5,558	6,873	8,915
Clays and earths—												
Kaolin, china, and paper clay—tons of 2,240 lbs.	270,129	278,349	135,210	89,086	103,732	89,978	2,792	2,856	1,057	461	632	753
Fluorspar—do.	[4] 31,539	56,003	18,491	11,818	9,284	14,915	[3] 365	555	211	133	105	183
Other clays, and earths							607	674	627	464	612	709
Pottery							15,056	18,080	7,845	4,375	5,452	7,188
China and porcelain wares—												
Tableware, kitchen ware, and utensils—												
Domestic or household—1,000 doz.		9,014	4,706	4,398	5,527	5,699	9,202	9,412	3,255	1,827	2,269	3,039
Hotel and restaurant—do.			76	50	47	34			131	68	67	60
Other china and porcelain								1,285	1,066	622	686	869
Earthen, crockery, and stone ware—												
Table, toilet, and kitchen ware—												
Domestic or household—1000 doz.		4,859	2,423	2,308	3,266	3,942	4,736	5,426	2,224	1,299	1,785	2,479
Hotel ware, plain or decorated—do.			98	54	49	54			107	39	37	47
Other earthenware—do.			1,139	809	815	931	909	1,784	997	470	561	640
Common earthen and stone and Rockingham earthenware							[1] 329	154	64	50	47	54
Tiles—1,000 sq. ft.		5,387	1,500	726	455	644	[1] 884	1,108	265	99	44	48
Bricks								569	67	26	27	34

F. Other nonmetallic minerals							18,384	24,501	12,536	6,430	10,239	12,492
Chalk—												
Unmanufactured, tons of 2,240 lbs.	101,968	103,477	74,112	58,148	85,190	81,545	143	124	98	61	95	108
Manufactures, 1,000 lbs.	[1] 14,648	7,276	48	31	12,747	29,963	121	103	3	2	3	4
Asphalt and bitumen, tons of 2,240 lbs.	121,501	106,167	65,779	18,280	19,380	13,999	1,064	893	726	251	278	222
Earthy and mineral substances and articles, n. e. s.							166	752	851	463	499	603
Abrasives							3,082	4,040	2,364	829	2,111	3,407
Natural abrasives—												
Corundum ore, tons of 2,240 lbs.	2,418	2,707	639	168	925	1,953	165	163	37	8	49	135
Emery ore, do.	5,453	4,544	2,103	602	626	3,061	159	101	34	6	6	42
Pumice stone and manufactures							[1] 123	132	77	51	75	83
Flint, unground, tons of 2,240 lbs.	13,534	11,947	5,617	3,352	4,143	4,602	123	109	55	27	29	46
Other natural abrasives							[3] 291	3,129	120	71	102	120
Artificial abrasives, crude, 1,000 lbs.	60,599	[28] 116,825	78,575	17,095	58,711	114,935	1,962		1,861	510	1,639	2,794
Other abrasives and manufactures							378	405	180	155	209	187
Asbestos—												
Crude (including blue fiber), tons of 2,240 lbs.	151,443	211,253	4,605	1,473	2,814	3,198	5,655	8,706	611	187	413	458
Mill fiber, do.			41,777	27,523	43,114	37,464			1,994	1,227	2,187	1,808
Stucco and other unmanufactured, do.			75,369	57,391	60,805	66,779			1,145	837	942	1,112
Manufactures	[1] 24,153	62,962	1,820	92			472	1,126	166	35	43	62
Carbon and manufactures							323	507	316	232	160	169
Cryolite or kryolith, tons of 2,240 lbs.	[6] 8,082	7,132	7,908	3,782	4,141	4,450	[6] 506	573	581	291	298	377
Mica—												
Unmanufactured, 1,000 lbs.	691	1,590	4,570	2,956	3,854	7,688	447	494	130	79	179	247
Mica, cut or split, do.	[1] 5,391	4,077	1,206	907	1,383	2,215	1,437	1,324	325	165	281	507
Manufactures, do.			15	126	556	328			4	7	14	8
Pyrites, or sulphuret of iron, more than 25 per cent sulphur, 1,000 tons of 2,240 lbs.	256	391	352	253	373	366	929	1,038	1,496	691	1,127	1,246
Talc, steatite, and French chalk and manufactures, except toilet preparations, 1,000 lbs.	35,574	53,174	47,096	39,956	44,294	40,898	368	573	437	357	392	426
Magnesite—												
Crude and calcined, do.	167,439	17,234	5,937	3,796	3,721	3,205	1,287	189	60	31	33	37
Dead burned and grain, do.		111,025	41,872	14,045	47,018	45,842		813	932	104	342	368
Salt—												
Bonded, used in curing fish, do.	193,988	100,311	67,028	67,708	34,848	63,469	424	166	83	76	26	57
Other, do.					25,407	42,779					44	64
Graphite or plumbago, do.	29,904	36,861	13,180	14,081	16,106	28,242	553	829	260	151	211	489
Mineral wax, do.	6,358	9,811	8,910	6,150	6,658	5,494	341	598	429	274	454	555
Other nonmetallic minerals, n.e.s.							1,379	1,652	125	78	108	157
G. Precious stones and imitations							66,473	68,836	22,992	12,918	13,554	17,909
Diamonds—												
Rough, uncut, carats	153,216	265,862	85,249	40,153	28,895	38,636	7,831	10,399	3,852	1,513	1,648	2,687
Cut, but not set, do.	453,028	430,743	201,998	183,103	178,700	208,296	43,692	39,954	11,965	7,826	8,336	9,898
For glaziers, engravers, and miners, not set, carats	32,425	61,474	224,970	163,704	263,484	526,007	1,087	2,734	2,401	1,062	1,263	2,862
Pearls, not strung or set							6,741	6,354	1,284	622	681	477

[1] Average for years 1923–25.
[3] June 18 to Dec. 31, 1930.
[6] Average for years 1921, 1924, and 1925.
[6] Average for years 1924 and 1925.
[8] Average for years 1922–25.
[21] "Cylinder, crown, and sheet" prior to 1923.
[28] Average for years 1926–29.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 5—NONMETALLIC MINERALS—Continued												
G. Precious stones and imitations—Continued.												
Other precious stones—												
Rough, uncut							640	272	369	54	76	115
Cut, but not set							4,299	6,036	1,447	730	573	777
Imitations, except opaque							2,184	3,065	1,541	936	929	1,052
Imitations, opaque, including imitation pearls									20	17	11	25
Marcasites								[4] 108	104	157	37	15
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES												
Total							243,257	334,072	146,061	74,156	116,608	129,859
A. Iron ore and concentrates_1,000 tons of 2,240 lbs	1,691	2,709	1,466	582	861	1,428	6,955	6,726	3,902	1,539	2,054	3,308
B. Iron and steel semimanufactures							11,711	11,089	5,383	4,029	3,928	4,177
Granular or sponge iron_____tons of 2,240 lbs		[4] 81	210	185	26	898		[4] 3	8	5	217	26
Pig iron_____do	285,772	200,766	84,411	130,630	134,456	114,488	6,021	3,280	979	1,302	1,245	1,465
Scrap and scale_____do	102,632	65,642	16,279	9,775	56,133	44,421	1,498	918	118	59	429	358
Steel bars_____1,000 lbs	[29] 69,262	164,372	202,434	132,548	54,824	46,940	[29] 1,664	3,606	2,562	1,240	861	1,139
Bar iron_____do	15,153	7,437	1,913	1,131	1,200	1,803	394	188	48	26	34	54
Wire rods_____do	9,600	32,192	15,936	17,771	29,380	23,873	316	877	472	397	748	776
Boiler or other plate iron and steel_____do	[1] 4,414	9,919	1,602	943	532	640	[1] 89	140	33	11	8	9
Steel ingots, blooms, slabs, etc_____do	55,321	51,405	44,851	5,367	2,326	4,786	2,130	959	519	75	58	114
Sheets of iron or steel, skelp, saw plates, and steel, n. e. s_____1,000 lbs	5,371	43,440	36,180	48,901	20,755	9,766	251	964	601	442	289	204
Tin plate, terneplate, and taggers tin_____do	6,537	2,102	439	16,231	584	282	373	156	43	472	40	32
C. Steel-mill products—manufactures							7,707	17,309	9,047	5,593	5,950	6,135
Structural iron and steel_____1,000 lbs	62,635	320,440	162,017	81,866	65,623	56,051	1,232	4,895	2,226	642	610	727
Rails for railways_____do	71,059	44,454	11,217	12,684	14,344	6,885	1,012	546	100	196	177	86
Pipes and tubes_____do	[1] 100,271	214,007	50,250	16,099	21,847	10,916	[1] 2,790	5,471	1,905	679	913	592
Cast-iron pipe_____do		129,455	14,877	560	2,037	145		1,707	183	6	26	2
Other pipes and tubes_____do		84,552	35,373	15,539	19,768	10,771		3,764	1,722	673	886	590
Wire and manufactures—												
Barbed wire_____do		10,483	23,774	32,573	13,593	19,844		270	434	588	382	493
Round wire_____do	[1] 8,276	10,328	5,715	4,217	6,875	5,774	[1] 792	720	338	212	355	398
Telegraph, telephone, and other insulated wire [30]_____1,000 lbs			110	38	157	108	[1] 871	63	26	8	13	5

Flat wire and steel strips, n. e. s.....do	[1] 4,300	5,403	1,613	2,235	2,950	4,043	[1] 2,239	1,638	464	480	716	1,008
Card clothing.....1,000 sq. ft.	[1] 322	259	128	73	204	200	[1] 498	413	174	70	240	246
Wire rope and strand.....1,000 lbs.		[3] 5,018	4,367	4,037	3,840	3,337		[3] 402	280	214	243	257
Other wire manufactures							653	903	699	577	553	309
Hoop or band iron or steel for baling...1,000 lbs.		[2] 42,073	19,310	28,435	8,987	4,495		[3] 799	251	348	106	78
Hoop, band, or scroll iron and steel, n. e. s. 1,000 lbs.		[4] 21,905	43,390	43,196	38,364	35,519		[4] 396	658	459	501	567
Nails [31].....do	[1] 3,189	16,254	18,158	24,362	14,498	15,715	[1] 117	549	633	721	518	578
Castings and forgings.....do	[1] 6,378	5,557	3,977	2,198	3,231	3,117	[1] 402	345	238	105	204	232
Tanks, drums, or vessels for gas or liquids number		181,238	214,618	153,110	191,102	194,657		685	558	288	399	458
Autoclaves, converters, separators, stills, ovens, etc., and parts								[4] 67	63	4	22	10
D. Iron and steel, advanced manufactures							8,343	6,973	3,287	2,183	2,591	2,559
Cutlery—												
Razors and parts.....thousands	7,219	47,780	2,385	690	308	299	354	492	159	89	126	123
Scissors, shears, and clippers.....do	4,562	1,429	1,015	1,106	720	178	582	285	173	96	83	68
Folding-blade knives.....do	7,391	3,829	1,604	1,227	733	549	602	202	73	44	26	27
Other cutlery.....do	[1] 1,378	1,215	990	729	2,896	4,482	412	429	292	219	244	295
Enameled or glazed ware and utensils...do	[1] 993	1,004	828	537	509	393	300	237	176	92	109	85
Tools							[1] 531	861	639	584	931	713
Needles, hand, sewing, and darning [32].millions	996	749	797	837	816	858	1,099	830	625	420	477	595
Other needles							330	231	160	177	201	197
Other advanced manufactures							4,296	3,406	990	461	395	458
E. Ferro-alloys							13,299	18,463	11,219	4,540	8,412	9,426
Manganese ore—												
Product of—												
Cuba {Gross weight.....tons of 2,240 lbs.	11,495	6,201	3,804	6,749	28,257	63,743	166	98	20	112	431	966
Cuba {Manganese content.....do		[21] 2,156	1,199	3,416	14,573	31,431						
Other manganese ore (manganese content) tons of 2,240 lbs.	295,757	291,335	244,711	50,137	126,884	134,409	4,821	7,878	5,085	1,108	2,572	2,564
Ferromanganese and other alloys (manganese content) [33].....tons of 2,240 lbs.	61,510	45,347	17,763	14,586	31,919	18,781	5,244	4,632	1,607	1,011	2,570	1,449
Chrome ore or chromite (gross weight)..do	113,752	260,515	212,528	89,143	116,511	192,297	965	2,268	3,315	1,626	1,426	2,278
Chromium and alloys.....1,000 lbs.	[1] 1,994	1,139	213	516	342	200	[1] 185	126	24	84	84	38
Ferrosilicon and other silicon alloys.....do	22,683	17,896	1,654	377	2,654	3,402	819	1,019	106	27	187	263
Tungsten—												
Bonded for smelting, refining, and export (tungsten content).....1,000 lbs.					414	361					96	120
Ore and concentrates (tungsten content) 1,000 lbs.	[1] 1,262	3,642	1,089	107	311	847	349	1,184	199	16	78	340
Tungsten and combinations (tungsten content).....1,000 lbs.			102	2	69	107			47	3	30	72
Other ferro-alloying metals							281	662	639	266	712	758
Vanadium ore.....tons of 2,240 lbs.		5,609				330	541	562				146
Other ores of ferro-alloying metals...1,000 lbs.		[21] 4,982	68,117	75,262	87,227	163,096		[21] 43	177	288	226	435

[1] Average for years 1923–1925.
[2] Average for years 1926–1930.
[4] June 18 to Dec. 31, 1930.
[21] Average for years 1927-30.
[29] Average for years 1921 and 1925.
[30] "Wire rope, insulated wire, etc." prior to 1926.
[31] "Nails and screws" prior to 1926
[32] "Hand-sewing, darning, and shoe machine" prior to 1922.
[33] Gross weight prior to Sept. 22, 1922.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
Group 6.—Metals, etc.—Continued.												
F. Nonferrous metals, except precious							177,625	254,186	106,958	52,863	88,057	97,310
Aluminum							9,673	13,062	4,582	2,817	4,114	5,240
Bauxite, crude tons of 2,240 lbs.	146,743	356,841	306,490	205,620	149,548	166,653	690	1,611	1,496	1,043	900	1,202
Metal, scrap, and alloys, crude 1,000 lbs.	37,280	51,576	13,804	8,005	15,078	18,372	7,811	10,714	2,369	1,260	2,700	3,562
Manufactures—												
Plates, sheets, bars, etc. do.		125	169	120	169	220	1,172	30	42	29	47	63
Wares and utensils do.		139	116	127	102	97		72	60	52	45	57
Other manufactures								654	615	432	423	357
Copper 1,000 lbs [34]	596,627	815,078	585,858	391,951	253,263	399,028	77,811	108,243	48,744	23,735	14,834	27,786
For smelting, refining, and export [35]—												
Ore and concentrates (copper content) 1,000 lbs.					14,854	22,378					743	1,494
Matte, regulus, black copper, and cement copper (copper content) 1,000 lbs.					116,031	142,859					8,023	10,172
Blister (copper content) do.					97,031	198,779					4,510	13,748
Ores (copper content) do.	86,168	107,034	23,580	14,016	121	18	10,905	12,510	1,683	717	5	1
Concentrates (copper content) do.	41,863	52,603	99,408	44,195	16,707	12,489	5,140	6,441	7,146	2,567	873	617
Regulus, coarse, metal, and cement copper (copper content) 1,000 lbs.	5,965	2,594	1,469	1,731	22	(2)	755	301	113	76	1	(2)
Unrefined, black, blister, and converter copper, in pigs, bars, etc. 1,000 lbs.	343,988	526,444	281,851	161,688		4,040	44,850	70,841	24,055	9,216		269
Refined copper do.	109,309	115,760	174,450	167,794	8,462	18,417	14,918	16,841	15,349	10,974	511	1,350
Scrap, scale, and clippings do.	9,334	10,042	5,100	2,530	34	48	953	1,088	278	101	3	3
Copper manufactures, n.e.s.							289	220	120	82	165	132
Brass and bronze, and manufactures							4,889	3,427	1,441	668	525	497
Old brass, etc., for remanufacture (gross weight) 1,000 lbs.	49,147	9,993	4,423	2,517	81	246	3,764	822	215	64	4	19
Brass manufactures							528	1,406	598	246	208	195
Bronze manufactures							597	1,198	628	358	313	283
Lead (lead content) 1,000 lbs [35]	222,701	267,460	108,008	69,406	67,815	38,055	11,411	15,181	3,605	1,738	2,642	1,034
For smelting, or refining, and export [35]—												
Ore and concentrates (lead content) do.					23,442	8,298					1,212	150
Bullion or base bullion do.					5,048	2,837					151	70
Ore and matte (lead content) do.	57,975	78,151	41,776	42,002	38,478	21,520	2,825	4,409	1,413	1,004	1,154	559
Bullion or base bullion (lead content) 1,000 lbs.	130,812	178,695	64,640	26,924	613	4,439	6,796	9,212	1,616	519	32	118

Pigs, bars, old and scrap [37] ---do----	30,088	6,005	20	87	91	569	1,506	420	2	2	2	11
Babbitt metal, solder, etc. (lead content) [38] 1,000 lbs.		1,345	620	382	3	204		684	437	144	2	72
Type metal and antimonial lead: gross weight ---1,000 lbs.--	[12] 6,009	3,965	1,120	13	742	224	[1] 332	276	28	1	30	7
Type metal and antimonial lead: lead content ---do----	[1] 4,317	3,265	952	11	139	188						
Manufactures of lead, n.e.s. (except type metal) ----------							84	180	109	69	59	48
Nickel ----------							5,232	13,004	7,680	4,660	10,762	13,431
Ore and matte ---------1,000 lbs.--	8,195	18,709	11,630	5,918	19,220	11,846	820	1,747	1,531	775	2,523	1,609
Nickel oxide ---------do----	----------	1,772	305	688	2,019	950		276	48	120	374	185
Nickel and alloys in pigs, etc ---------do----	----------	42,068	23,862	14,923	31,621	45,800	4,411	10,794	6,060	3,733	7,850	11,616
Nickel in bars, plates, sheets, etc., and manufactures ----------	----------	----------	----------	----------	----------	----------		187	41	32	16	22
Tin—												
Ore (tin content) ----------tons of 2,240 lbs.--	5,812	194	30	17	24	22	2,703	116	7	4	11	1
Bars, blocks, pigs, etc ----------1,000 lbs.--	132,173	176,571	147,984	77,995	142,727	89,568	56,522	88,943	36,724	16,474	51,241	44,801
Zinc—												
Bonded, for smelting, refining, and export (zinc content) [38] ----------1,000 lbs.--	----------	----------	----------	----------	3,621	8,364	----------	----------	----------	----------	73	116
Ore (zinc content) ---------do----	10,537	26,657	1,560	3,808	2,922	13,472	462	1,118	40	72	134	185
Blocks, pigs, etc., and old ---------do----	2,745	262	549	622	3,781	3,451	117	12	15	20	127	113
Zinc sheets, dust, and other manufactures ----------	----------	----------	----------	----------	----------	----------	144	106	25	18	17	17
Antimony—												
Ore: gross weight ----------1,000 lbs.--	----------	5,839	28,030	7,357	10,891	16,911	33	268	260	74	107	159
Ore: antimony content ---------do----	1,127	3,394	9,726	2,657	4,256	5,783						
Needle or liquated and regulus or metal ---do----	18,079	24,146	10,391	4,007	5,282	4,364	1,086	2,173	445	122	180	185
Cobalt—												
Ore ----------1,000 lbs.--	176	711	249	27	556	1,188	352	1,138	263	13	117	198
Metal ---------do----				133	282	506				148	332	600
Quicksilver or mercury ---------do----	[1] 1,395	1,295	27	617	1,544	775	[1] 915	1,495	33	231	690	481
Other ores, metals, and alloys, n.e.s. ----------	----------	----------	----------	----------	----------	----------	566	794	255	104	191	278
Manufactures of metals, n.e.s ----------	----------	----------	----------	----------	----------	----------	6,075	5,096	2,840	1,965	1,960	2,189
G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin ----------							17,617	19,308	6,283	3,408	5,617	6,944
Gold and silver sweepings ----------	----------	----------	----------	----------	----------	----------	429	259	167	440	([39])	([39])
Platinum ----------oz. troy--	[1] 96,244	114,667	91,728	33,218	111,283	133,298	8,400	8,432	2,589	964	2,945	3,387
Ores of platinum metal (platinum content) oz. troy--	----------	494	1,097	160	5	----------	----------	43	27	5	([2])	----------
Grains, nuggets, sponge or scrap ---do----	----------	82,269	67,078	25,440	71,511	119,469	----------	5,858	1,905	722	1,820	2,925
Ingots, bars, sheets or plates, etc ---do----	----------	31,904	23,553	7,618	39,767	13,829	----------	2,531	657	237	1,126	462
Platinum metals and native combinations—												
Iridium ----------oz. troy--	17,255	4,163	1,773	1,397	5,513	2,922	1,424	631	196	69	207	121
Osmium and osmiridium ---------do----		6,896	5,837	5,326	5,667	5,403		460	275	193	158	134
Palladium ---------do----		14,188	28,070	15,445	37,790	29,954		395	390	168	574	442
Rhodium and ruthenium ---------do----		2,706	2,224	661	1,827	2,734		106	80	22	55	73

[1] Average for years 1923–25.
[2] Less than 500.
[12] 1925 only.
[36] Not including pounds of copper manufactures, n. e. s.
[38] Not classified separately prior to 1933; included with the several general import classes shown below.
[6] Not including pounds of "lead manufactures, n. e. s."
[37] "Pigs and bars" prior to Jan. 1, 1927.
[38] "Scrap lead, Babbitt metal, solder, etc.," prior to Jan. 1, 1927.
[39] Gold and silver sweepings have been included since 1932 with imports of gold ore, bullion, and coin shown in table 484.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 6.—METALS, ETC.—Continued												
G. Precious metals, jewelry, etc.—Continued.												
Jewelry							1,631	2,950	944	534	259	194
Metal articles and materials for personal use and adornment							[2] 769	1,343	162	147	117	75
Rosaries, chaplets, and similar articles 1,000 doz		[4] 166	242	228	212	315		[4] 80	110	85	94	151
Lahn, tinsel threads, bullion, etc 1,000 lbs		1,263	329	188	188	458	4,338	1,353	219	156	212	900
Braids, fabrics, laces, etc								1,827	343	132	219	438
Other manufactures and plated articles							934	1,529	808	496	777	1,029
GROUP 7.—MACHINERY AND VEHICLES												
Total							17,768	31,233	16,724	8,493	8,551	11,799
A. Electrical machinery and apparatus							1,755	2,794	2,911	1,949	1,506	1,782
Electric lamps—incandescent—												
Carbon filament thousands	16,234	27,624	1,599	170	170	71	565	1,023	55	4	2	1
Other do		9,546	68,513	113,867	116,621	92,849	637	340	1,370	1,163	769	845
Vacuum cleaners do				3	2	2				22	14	22
Brass bases for electric-lamp bulbs do					9,499	8,453	[1] 895	1,431	1,486	760	14	13
Other electrical machinery and apparatus											707	901
B, C, D. Industrial, office, and printing machinery							11,398	18,604	7,988	4,890	5,224	7,118
Engines and parts n. e. s							[1] 641	584	295	227	206	335
Metal-working machine tools and parts							320	773	268	233	117	310
Textile machinery							5,849	6,068	1,898	1,310	1,405	1,246
Embroidery, lace, and lace-curtain machines and parts							[1] 75	123	109	131	75	65
Hosiery-knitting machines and parts									634	364	212	265
Other knitting, braiding, and insulating machines and parts							[1] 1,525	3,547	126	61	144	60
Cotton-manufacturing machinery and parts							[6] 262	413	130	72	146	109
Wool-manufacturing machinery and parts								368	148	66	142	61
Other textile machinery and parts							[3] 4,213	1,616	751	616	686	688
Sewing machines and parts							495	445	174	160	228	197
Antifriction balls, rollers, and bearings 1,000 lbs	[1] 895	1,267	547	272	458	848	708	1,039	392	150	274	698
Cream separators, over $50 each, and other centrifugal machines and parts								[4] 86	147	94	61	125

Other industrial, office, and printing machinery							4,002	9,678	4,814	2,715	2,934	4,206
E. Agricultural machinery and implements							2,592	6,670	3,287	989	1,062	1,921
Cream separators, not over $50 each—number	[1] 20,156	27,554	4,624	2,045	7,508	11,597	517	597	74	36	146	237
Plows and cultivators—do	[1] 3,419	6,632	1,435	525	613	1,729	[1] 212	543	129	39	129	120
Tractors—do		[4] 28	2,098	18	69	364		[4] 14	1,259	11	34	151
Headers, harvesters, and reapers—do		[7] 651	123	37	14	62		[7] 465	100	20	3	20
All other, including agricultural vehicles							1,947	5,340	1,705	883	750	1,393
F. Automobiles and other vehicles, except agricultural							2,023	3,165	2,479	641	759	979
Trucks, busses, and passenger automobiles—number	628	694	736	540	536	589	897	1,168	769	251	307	188
Parts of automobiles, except tires and glass								1,341	465	229	109	172
Airplanes, hydroplanes, etc							1,126	[4] 44	89	24	9	15
Motor boats and parts								[4] 134	1,086	69	228	451
Other vehicles and parts								621	70	66	105	153
GROUP 8.—CHEMICALS AND RELATED PRODUCTS												
Total							112,100	132,811	82,738	47,852	59,287	65,117
A. Coal-tar chemicals							16,058	21,370	11,164	9,158	9,589	11,848
Coal-tar products, crude—												
Dead or creosote oil—1,000 gals	62,713	83,608	36,885	29,300	18,583	31,774	8,701	11,802	3,598	2,647	1,131	2,835
Other crude coal-tar products							888	1,403	793	577	971	1,348
Intermediates—												
Acids—1,000 lbs	297	1,415	817	833	355	172	77	159	80	202	292	184
All other intermediates—do	2,257	1,525	875	936	1,504	1,791	581	1,035	599	584	1,245	1,792
Finished products—												
Colors, dyes, stains, color acids, and color bases, n. e. s—1,000 lbs	4,164	5,363	4,944	4,245	4,877	4,241	5,531	6,492	5,512	4,688	5,676	5,456
Coal-tar medicinals—do	[6] 100	108	39	30	20	14	242	270	252	164	84	74
Other finished coal-tar products—do		85	101	93	71	72	40	210	330	296	190	158
B. Medicinal and pharmaceutical preparations							4,917	5,573	3,792	2,530	3,568	4,237
Quinine sulphate—1,000 oz	3,453	1,805	1,499	462	1,639	1,611	1,436	668	498	154	558	688
Other quinine and alkaloids and salts from cinchona bark—1,000 oz		1,125	755	321	1,256	1,759		403	292	94	357	647
Other alkaloids, salts, and derivatives							546	240	136	104	167	173
Antitoxins, serums, vaccines, etc., and blistering beetles							[1] 15	6	3	1	2	4
Menthol—1,000 lbs	[6] 244	337	326	351	283	425	[6] 2,172	1,469	878	734	585	848
Other medicinals							825	486	145	56	572	313
Preparations in capsules, pills, tablets, etc											625	622
All other preparations, n. e. s							1,232	2,300	2,020	1,387	702	942
C. Industrial chemicals							22,912	26,541	16,507	13,619	17,064	17,479
Acetylene, butylene, ethylene, and propylene derivatives—1,000 lbs		[4] 282	567	334	1,112	607		[4] 29	73	37	98	129

[1] Average for years 1923–25. June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–25.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUPS.—CHEMICALS AND RELATED PRODUCTS—Con.												
C. Industrial chemicals—Continued.												
Acids and anhydrides—												
Arsenious acid or white arsenic—1,000 lbs.	[1] 18,880	22,124	15,581	13,765	21,167	28,220	[1] 1,551	781	451	357	513	708
Formic—do	[1] 1,436	1,937	140	139	249	137	[1] 107	143	8	8	13	8
Oxalic—do	2,185	1,244	489	265	121	73	159	64	26	13	6	4
Sulphuric (oil of vitriol)—do	[1] 25,047	26,852	2,344	1,498	2,049	1,849	[1] 190	160	22	11	19	13
Tartaric—do	[1] 3,074	2,293	2,246	1,818	590	81	[1] 654	611	477	298	102	18
Acetic or pyroligneous—do	----------	[7] 25,806	15,292	13,976	32,759	29,817	----------	[7] 1,808	803	843	2,070	1,853
All other—do	----------	10,430	1,332	1,191	2,650	1,928	1,048	953	235	182	400	446
Alcohols, including fusel oil	----------	----------	----------	----------	----------	----------	541	379	11	11	14	8
Ammonium compounds—												
Chloride (muriate)—1,000 lbs.	7,955	11,461	5,672	4,431	6,304	6,159	393	394	162	114	154	154
Nitrate—do	[1] 11,512	10,079	6,706	6,415	7,901	5,111	[1] 633	395	192	146	134	76
All other—do	[1] 2,319	1,201	526	215	828	503	[1] 104	60	30	10	71	51
Barium compounds—do	[1] 14,039	13,772	4,186	1,780	1,628	1,703	[1] 317	203	95	39	62	69
Calcium compounds, n. e. s.[40]—do	35,120	6,915	413	465	691	708	1,282	265	15	11	16	17
Cellulose products, n. e. s.—do	----------	[4] 353	263	207	178	149	----------	[4] 228	281	167	142	124
Cobalt oxide—do	[1] 258	394	322	226	568	329	[1] 500	737	391	220	414	258
Copper sulphate (blue vitriol) gross wgt.—do	[6] 2,836	3,901	2,644	3,307	47	----------	[6] 128	187	105	91	2	----------
Lime, chlorinated, or bleaching powder—do	5,147	2,981	2,017	2,252	1,907	1,635	107	76	60	62	61	57
Glycerin—do	11,765	21,122	12,107	7,716	9,249	17,295	1,306	2,689	668	345	414	1,249
Crude—do	----------	14,717	10,131	5,382	6,473	15,081	----------	1,617	526	204	247	1,040
Refined—do	----------	6,406	1,976	2,334	2,776	2,214	----------	1,051	142	141	167	209
Iodine, crude—do	304	696	279	632	1,412	1,481	847	2,330	998	2,226	2,936	2,135
Magnesium compounds—do	[6] 24,425	19,446	11,926	11,479	11,457	9,729	[6] 205	222	198	146	160	151
Potassium compounds—												
Carbonate—do	8,530	16,502	15,167	10,457	13,476	13,006	368	759	664	429	663	802
Chlorate and perchlorate—do	[6] 9,660	13,624	12,416	11,404	13,675	10,801	[6] 395	495	439	416	576	594
Cream of tartar—do	[6] 932	190	93	37	2	(2)	[6] 108	33	16	4	(2)	(2)
Cyanide—do	2,908	158	94	54	86	81	246	47	34	19	31	33
Hydroxide (caustic potash)[41]—do	12,065	12,870	8,629	4,979	6,735	4,016	675	773	452	258	394	259
Argols, tartar and wine lees—do	20,054	19,890	19,314	18,108	13,494	13,979	1,436	1,872	1,605	996	721	885
Other potassium compounds, n. e. s.—do	12,152	11,320	7,067	2,692	2,874	3,319	830	553	341	168	194	202
Sodium compounds—												
Cyanide—do	22,802	33,686	18,695	17,585	21,934	20,530	1,982	2,668	1,711	1,729	2,023	2,016
Ferrocyanide (yellow prussiate)—do	[1] 1,979	1,551	1,185	1,354	611	1,121	[1] 190	123	102	118	51	95
Nitrite—do	[1] 3,745	540	2	3	4	2	[1] 156	20	(2)	1	1	(2)

Sulphate (salt cake)	do			145,493	122,247	198,538	179,402			804	644	885	799
Chlorate	do				707	1,108	1,909	1,231	1,951		26	39	82
Sulphate anhydrous	do					20,742	16,818					180	151
All other, n.e.s.										676	485	393	253
Radium salts	grains		[3] 198	207	141	179	339		603	731	479	576	1,082
All other industrial chemicals								7,457	5,236	3,631	2,508	2,535	2,700
D. Pigments, paints, and varnishes								3,080	3,556	2,012	1,445	2,020	1,695
Mineral earth pigments—													
Iron oxide and iron hydroxide pigments	1,000 lbs.		23,801	12,087	9,709	13,243	13,452		567	255	171	258	292
Ochers and siennas	do	[1] 20,273	19,965	11,995	7,728	11,289	9,185	[1] 290	392	191	108	173	180
Other [42]								1,323	510	420	238	322	261
Chemical pigments—													
Lithopone and other zinc pigments	1,000 lbs.	19,319	19,177	11,354	9,447	11,192	7,854	871	886	429	272	313	220
Zinc oxide and leaded zinc oxide	do		[4] 1,246	2,914	5,345	5,081	2,534		[4] 90	189	242	247	149
All other	do			3,806	2,909	2,069	2,740	[1] 593	516	251	167	184	239
Paints, stains, and enamels								[1] 428	608	246	212	490	330
Varnishes	1,000 gals.	[1] 24	32	14	30	31	9	[1] 68	57	31	35	32	24
E. Fertilizers and materials	1,000 tons of 2,240 lbs.	1,613	2,152	1,446	887	1,225	1,247	57,139	67,997	45,441	18,689	24,574	26,029
Nitrogenous—													
Sulphate of ammonia	do	8,574	24,040	114,285	307,311	351,254	185,301	[6] 479	1,003	3,196	5,410	6,179	3,656
Ammonium-sulphate nitrate	do		[21] 38,249	3,193		1			[21] 2,175	176		[2]	
Calcium cyanamide or lime nitrogen	tons of 2,240 lbs.	59,990	132,442	51,314	62,543	63,842	82,458	3,049	4,862	1,537	1,628	1,416	1,393
Calcium nitrate	do	[1] 8,223	26,143	28,761	6,860	17,312	31,904	[1] 347	1,052	927	148	294	598
Guano	do	[5] 14,801	28,783	13,849	24,231	59,772	16,638	[5] 525	1,247	504	490	1,118	337
Dried blood	do	[5] 7,279	10,804	8,835	3,739	6,380	3,727	[5] 415	679	359	92	192	151
Sodium nitrate	do	780,430	839,008	550,613	50,430	122,866	293,527	37,158	33,252	21,112	1,472	2,343	5,672
Tankage [43]	do	[5] 25,888	24,571					[6] 847	809				
Urea and calurea	do	70,920	[4] 8	7,131	3,829	6,043	5,383	8 2,181	[4] 714	562	301	500	462
All other	do		75,433	49,089	33,708	61,637	130,179		2,352	1,530	821	1,092	2,808
Phosphates—													
Bone ash, dust, and meal and other animal carbon for fertilizers	tons of 2,240 lbs.	31,470	59,864	48,979	30,118	28,500	15,048	965	1,717	1,080	509	520	309
Other phosphate materials	do	[1] 15,061	41,056	21,743	37,141	32,293	16,439	[1] 199	461	291	433	399	248
Potash fertilizers—													
Chloride, crude (muriate of potash)	do	131,597	220,168	180,539	78,358	105,538	126,964	4,722	7,654	6,518	2,795	3,792	3,672
Kainite	do	144,175	115,972	55,329	49,374	101,989	114,960	1,104	908	505	457	968	1,116
Manure salts	do	222,685	350,349	179,428	100,927	113,121	78,281	2,315	4,496	2,583	1,255	1,329	1,029
Sulphate, crude	do	55,406	78,200	56,842	28,071	59,325	61,786	2,257	3,455	2,628	1,202	2,262	1,950
Nitrate, crude, or saltpeter	do	4,336	9,800	15,509	17,067	25,593	31,614	274	459	708	831	880	1,071
Other potash-bearing substances	do	[1] 34,295	13,943	488	351	449	352	[1] 404	217	4	3	6	3
Fertilizers, compounded or chemically combined, containing nitrogen, phosphoric acid, and potash	tons of 2,240 lbs.		[3] 7,098	10,944	3,346	1,875	1,916		[3] 495	645	185	92	126
All other fertilizers	do	59,441	66,673	48,896	49,245	67,632	49,987	1,598	1,134	569	659	1,189	928

[1] Average for years 1923–25.
[2] Less than 500.
[3] Average for years 1928–30.
[4] June 18 to Dec. 31, 1930.
[5] Average for years 1921, 1924, and 1925.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–25.
[21] Average for years 1927–30.
[40] Acetate, carbide, chloride, crude, and nitrate for 1921 and 1922 and acetate, crude, and chloride for 1923.
[41] "Hydrate" prior to Sept. 22, 1922.
[42] All paints, colors, and varnishes, except zinc pigments prior to Sept. 22, 1922.
[43] Classified as an inedible animal product beginning June 18, 1930.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 8.—CHEMICALS AND RELATED PRODUCTS—Con.												
F. Explosives							918	1,022	566	371	267	593
Powder and other explosives							[1] 133	146	132	7	11	21
Firecrackers—1,000 lbs.		[3] 4,272	2,614	2,307	1,887	3,143	[1] 746	782	396	346	243	549
Fireworks and ammunition							[1] 101	94	38	19	13	24
G. Soap and toilet preparations							7,076	6,739	3,064	2,038	2,205	3,238
Soap—												
Castile—1,000 lbs.	1,933	3,018	2,754	1,770	1,937	1,822	234	361	254	138	176	212
Toilet—do.	2,793	1,755	1,324	1,252	503	421	538	552	376	315	153	161
Other—do.		1,933	1,604	1,740	1,199	9,810		214	184	125	108	387
Perfume materials							6,304	3,228	1,101	873	1,001	1,591
Perfumery, bay rum, and toilet water								1,659	719	342	551	680
Bath salts—1,000 lbs.		[4] 38	27	23	25	24		[4] 11	7	3	5	4
Cosmetics, powders, creams, etc.								721	423	242	213	204
GROUP 9.—MISCELLANEOUS												
Total							152,700	135,138	119,703	71,435	60,878	71,500
A. Photographic goods							6,442	5,729	3,183	2,409	2,679	3,416
Cameras and parts							387	453	640	474	545	732
Sensitized films, not exposed—												
Other than motion picture							4,356	3,444	144	167	222	368
Motion picture—1,000 lin. ft.			151,552	130,764	133,669	151,528			1,133	854	918	1,142
Film negatives for motion pictures—do.	2,391	2,424	2,295	2,218	2,359	1,967	766	335	208	207	270	215
American films exposed abroad (negatives, undeveloped)—1,000 lin. ft.		[4] 37	329	434	196	305		[4] 5	29	21	11	17
Film positives—do.	5,997	4,542	6,148	4,332	3,928	4,508	289	195	217	128	162	198
Other films and dry plates							88	227	213	140	104	165
Photographic paper—1,000 lbs.	2,689	3,819	2,415	1,768	1,230	1,439	556	1,073	599	418	447	577
B. Scientific and professional instruments, apparatus, and supplies, n. e. s.							2,135	3,319	2,060	1,265	927	1,424
Optical goods—												
Opera and field glasses—thousands		268	72	72	40	19	1,377	515	262	182	124	69
Spectacles, eyeglasses, and parts								165	21	8	17	92
Other optical instruments and parts								1,127	608	492	332	568
Dental and surgical instruments							[1] 480	632	475	309	262	442
Philosophical and scientific, etc., instruments and apparatus							469	881	694	274	192	253

C. Musical instruments							3,788	4,498	3,255	1,656	1,604	2,615
Violins, cellos, etc., made before 1801—number			642	138	118	184	[1] 657	[4] 186	965	108	167	143
Other band and orchestra instruments								669	489	318	221	286
Phonograph and similar articles and parts							533	484	113	68	107	115
Pianos and organs							[1] 205	271	165	50	41	25
Other instruments, parts, and accessories							2,739	3,036	1,523	1,112	1,069	2,046
E. Toys, athletic, and sporting goods							7,636	5,709	4,759	3,365	2,375	2,649
Toys—												
Dolls and parts							1,323	1,033	858	506	328	351
Other toys [44]							5,143	3,491	2,857	1,980	1,537	1,637
Dice, dominoes, chips, etc							[1] 124	109	171	104	42	35
Athletic and sporting goods—												
Fishing rods, reels, hooks, bait, etc							456	450	319	236	231	307
Balls for games, n. e. s. (not of rubber) [45] thousands	[1] 1,853	920	2,751	10,639	4,917	3,617	[1] 575	109	162	355	70	77
Other athletic sporting goods							[5] 369	516	392	184	167	192
F. Firearms							[6] 646	583	305	68	187	186
G. Books and other printed matter							9,408	14,210	9,969	5,686	5,451	5,949
Books and pamphlets in foreign languages								1,931	1,881	1,030	937	1,003
Books, maps, music, etc., 20 years old								3,268	1,803	786	1,187	830
Other books, papers, etc. (free)							8,019	2,558	1,973	1,399	953	1,241
Books, pamphlets, music, maps, charts, and other printed matter, n. e. s.								4,530	3,086	1,753	1,739	2,063
Lithographic prints—												
Labels, flaps, and cigar bands—1,000 lbs	828	169	108	109	73	33	612	200	110	114	75	38
Decalcomanias and transparencies—do		405	275	213	227	275		557	358	273	326	514
All other							776	1,166	758	332	234	259
H. Clocks, watches, etc							11,807	13,892	4,089	1,561	1,973	4,179
Clocks, parts, and clock movements							833	1,066	260	81	75	54
Clocks and clock movements—number		[7] 186,252	76,508	29,642	8,205	7,109		[7] 625	175	53	21	26
Clock cases and parts								[7] 304	85	28	54	28
Watches and watch movements—thousands	2,063	3,958	893	406	446	920	6,444	9,726	2,975	1,178	1,450	2,834
Cases, dials, and parts of watches, n. e. s.							3,480	1,585	399	176	254	517
Jewels for watches, clocks, meters, etc							[1] 1,452	1,120	382	101	177	746
Recorders, meters, regulators, and similar instruments and parts, n. s. p. f							[1] 189	395	73	25	17	28
I. Art works							31,222	65,381	38,494	18,479	15,937	16,186
The production of American artists							218	250	173	79	205	93
Original paintings, statuary, etc							6,787	13,749	7,446	3,504	3,823	5,118
Altars, statuary, regalia, etc., for religious or educational purposes							833	1,507	969	621	404	335
Works of art produced before 1830							22,324	47,764	27,501	13,507	10,091	9,338
Works of art for exhibition, presentation to public institutions, etc							709	1,411	1,756	531	1,213	1,121
All other art works							347	699	650	238	201	182

[1] Average for years 1923–1925.
[3] Average for years 1928–1930.
[4] June 18 to Dec. 31, 1930.
[6] Average for years 1924 and 1925.
[7] Average for years 1929 and 1930.
[8] Average for years 1922–1925.
[44] Includes rubber toys prior to 1933.
[45] Includes tennis balls prior to 1933.

No. 509.—Imports of Merchandise by Commodity Groups and Articles—Continued

["General imports", 1921 to 1932; "Imports for consumption" thereafter]

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1931	1932	1933	1934	1921–1925	1926–1930	1931	1932	1933	1934
GROUP 9.—MISCELLANEOUS—Continued												
J. Miscellaneous articles, n. e. s.							79,003	71,023	53,409	36,859	29,744	34,916
Beads and bead ornaments—												
Imitation pearl beads							9,459	1,403	593	191	139	90
Other beads								2,796	3,668	1,278	608	505
Fabrics and articles, chief value beads								814	568	526	439	636
Buttons—												
Pearl or shell—1,000 gross		950	954	934	750	863	1,411	449	432	320	249	305
All other								964	423	527	718	722
Brushes—												
Tooth—1,000 doz	4,190	1,554	1,125	1,292	1,359	1,284	2,188	727	420	274	264	374
Hair and other toilet brushes and parts—do		408	657	841	668	632		497	392	244	198	249
Other brushes—do		3,988	4,156	5,363	4,671	5,863		648	338	239	237	336
Matches—												
Having stained or colored stems—1,000 gross boxes				1,305	3,196	1,955				351	540	331
In boxes containing 100 or less—do		6,431	2,528	1,751	525	928	1,963	2,244	1,136	569	137	197
All other								32	299	2	2	6
Pipes and smokers' articles							1,367	1,569	532	393	440	488
Umbrellas, canes, and parts—1,000 doz		[4] 48	151	168	281	301		[4] 112	141	130	151	139
Articles of casein, galalith, and cellulose compounds, except combs							1,217	2,461	319	204	176	226
Combs, except metal or rubber[46]—1,000 gross		[4] 52	144	115	111	125		[4] 241	638	387	279	306
Pencils, crayons, leads, etc							529	831	619	447	484	584
Pens and penholders							381	353	242	113	122	166
All other dutiable articles							4,930	6,749	2,988	1,789	2,126	2,704
Household and personal effects, etc., of persons arriving in the United States							9,173	7,621	5,536	3,395	3,320	4,127
Articles, imported under bond, for export within 6 months							3,837	5,586	4,304	2,535		
Articles the growth, produce, or manufacture of the United States, returned—												
Automobiles—number	[5] 1,409	286	268	138	58	36	2,524	358	203	187	70	64
Containers							37,746	4,936	3,622	2,382	1,868	1,795
All other								27,629	25,189	19,777	16,570	19,908
All other free articles							2,277	2,284	807	589	606	659
K. Articles in Group 9, ordinarily dutiable, imported free[47]							1,001	796	179	86		

[4] June 18 to Dec. 31, 1930. [5] Average for years 1921, 1924, and 1925. [46] Rubber combs are included prior to 1933. [47] See headnote, p. 501.

23.—COMMERCE OF NONCONTIGUOUS TERRITORIES

GENERAL NOTE.—In the general foreign-trade statistics of the United States presented in the preceding section, the Philippines and Virgin Islands are treated as foreign countries and their trade with the United States is included while their trade with other countries is not included. On the other hand, Puerto Rico, Hawaii, and Alaska 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 three territories appears as a separate customs district. Neither trade of American Samoa and Guam with foreign countries nor shipments between them and United States are included in the general tables on foreign trade. See also table 482, p. 419.

The tables in this section present the total foreign trade of each of the United States territories and possessions and show separately the trade with continental United States (unless otherwise indicated) and with foreign countries, including other United States territories and possessions. Specie values are shown in this section for all years except 1933; for that year, current dollar values (see general note, p. 416).

No. 510.—IMPORTS AND EXPORTS OF ALASKA

NOTE.—In 1934 Alaska shipped domestic silver valued at $51,424 to the United States.

Yearly average or year ended—	Merchandise imports			Merchandise exports			Shipments domestic gold to United States
	From United States [1]	From other countries	Total	To United States	To other countries	Total	
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	13,457,000	557,992			2,534,318		
1902		511,830			2,612,021		
1903	*9,509,701*	*477,463*	*9,987,164*	*10,228,569*	*1,612,128*	*11,840,697*	
1904	10,165,110	607,355	10,772,465	10,165,140	1,565,690	11,730,830	6,347,742
1905	11,504,255	1,450,910	12,955,165	10,801,446	1,088,165	11,889,611	9,059,023
1906	14,869,827	845,291	15,715,118	9,272,337	1,377,398	10,649,735	12,638,608
1907	18,402,765	1,134,191	19,536,956	12,155,198	1,489,686	13,644,884	18,564,228
1908	16,577,903	776,974	17,354,877	10,967,777	1,857,905	12,825,682	11,490,777
1909	17,762,600	647,331	18,409,931	13,110,910	961,101	14,072,011	17,782,493
1910	18,670,339	619,348	19,289,687	12,440,380	1,168,014	13,608,394	18,393,128
1911	16,205,730	706,171	16,911,901	14,055,329	1,136,745	15,192,074	15,153,671
1912	19,417,227	563,503	19,980,730	21,778,064	1,010,072	22,788,136	17,250,019
1913	20,827,262	982,271	21,809,533	24,634,987	1,477,991	26,112,978	14,576,015
1914	22,461,723	567,399	23,029,122	21,817,408	1,124,239	22,941,647	12,291,672
1915	21,260,042	640,886	21,900,928	27,442,335	1,001,389	28,443,724	15,348,666
1916	27,086,288	1,066,612	28,152,900	49,468,186	1,426,362	50,894,548	16,195,635
1917	38,992,049	1,469,524	40,461,573	60,773,850	2,474,894	63,248,753	15,409,529
1918	44,280,075	967,532	45,247,607	71,595,414	2,462,470	74,057,884	12,416,660
Dec. 31:							
1918 (6 mos.)	11,678,122	863,515	12,541,637	62,992,202	763,285	63,755,487	6,671,848
1919	37,476,232	1,449,362	38,925,594	60,479,548	1,542,249	62,021,797	8,105,005
1920	36,876,855	1,512,118	38,388,973	60,939,061	1,530,035	62,469,096	6,543,313
1921	19,274,215	935,013	20,209,228	36,916,924	1,445,042	38,361,966	6,543,430
1922	26,777,806	870,927	27,648,733	51,082,995	1,371,490	52,454,485	6,640,978
1923	30,631,366	514,466	31,145,832	53,761,494	1,325,773	55,087,267	5,931,896
1924	32,046,273	529,618	32,575,891	54,974,168	1,351,380	56,325,548	4,602,746
1925	32,352,530	846,981	33,199,511	56,918,746	901,543	57,820,289	5,219,542
1926	31,587,337	543,683	32,131,020	73,300,506	521,881	73,822,387	5,743,076
1927	35,604,108	766,302	36,370,410	51,348,688	483,679	51,832,367	5,394,107
1928	32,058,976	559,262	32,618,238	67,587,207	622,738	68,209,945	6,352,204
1929	33,220,584	954,273	34,174,857	63,567,677	607,017	64,174,694	7,126,724
1930	31,303,291	1,709,036	33,012,927	48,996,902	347,191	49,344,153	7,631,737
1931	22,489,895	546,598	23,036,493	43,276,364	314,908	43,591,272	8,928,795
1932	19,573,105	302,451	19,875,556	30,183,355	235,528	30,418,883	9,261,486
1933	20,685,622	131,245	20,816,867	33,131,461	166,281	33,297,742	9,864,479
1934	29,998,840	270,768	30,269,608	45,058,950	322,512	45,381,462	15,883,877

[1] Unofficial estimates of the value of merchandise shipped from Pacific coast ports to Alaska from 1880 to 1901; from 1903 to date, official figures of shipments to Alaska.

Source: Bureau of Foreign and Domestic Commerce.

No. 511.—IMPORTS AND EXPORTS OF PUERTO RICO

Yearly average or year ended—	Merchandise imports			Merchandise exports		
	From United States	From other countries	Total	To United States	To other countries	Total
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1901–1905	11,055,607	2,200,857	13,256,464	10,485,414	3,743,050	14,228,464
1906–1910	23,660,948	3,158,988	26,819,937	25,118,813	4,731,195	29,850,008
1908	22,677,376	3,148,289	25,825,665	25,891,261	4,753,209	30,644,470
1909	23,618,545	2,925,781	26,544,326	26,394,312	3,996,913	30,391,225
1910	27,097,654	3,537,201	30,634,855	32,095,897	5,864,617	37,960,514
1911	34,671,958	4,115,039	38,786,997	34,765,409	5,152,958	39,918,367
1912	38,470,963	4,501,928	42,972,891	42,873,401	6,832,012	49,705,413
1913	33,155,005	3,745,057	36,900,062	40,538,623	8,564,942	49,103,565
1914	32,568,368	3,838,419	36,406,787	34,423,180	8,679,582	43,102,762
1915	30,929,831	2,954,465	33,884,296	42,311,920	7,044,987	49,356,907
1916	35,892,515	3,058,400	38,950,915	60,952,758	5,634,937	66,587,695
1917	49,539,249	4,005,975	53,545,224	73,115,224	7,855,680	80,970,904
1918	58,945,758	4,443,524	63,389,282	65,515,650	8,753,450	74,269,100
Dec. 31:						
1918 (6 months)	25,668,096	1,796,219	27,464,315	31,333,827	3,733,065	35,066,892
1919	67,799,541	5,261,052	73,060,593	78,320,180	11,075,625	89,395,805
1920	121,561,574	7,512,404	129,073,978	158,322,083	16,346,697	174,668,780
1921	60,977,112	7,377,251	68,354,363	71,987,716	6,753,990	78,741,706
1922	57,968,112	6,849,098	64,817,210	60,105,155	5,012,292	65,117,447
1923	76,919,616	7,547,504	84,467,120	80,303,272	5,768,723	86,071,995
1924	78,412,003	9,337,444	87,749,447	77,330,748	7,397,792	84,728,540
1925	77,499,807	11,620,875	89,120,682	92,679,754	7,053,295	99,733,049
1926	84,737,537	12,664,064	97,401,601	90,166,856	7,579,594	97,746,450
1927	86,326,546	11,264,383	97,590,929	96,902,024	7,557,741	104,459,765
1928	81,940,283	13,325,628	95,265,911	97,268,763	6,398,231	103,666,994
1929	75,979,914	11,728,596	87,708,510	78,126,574	5,117,801	83,244,375
1930	74,219,219	10,318,649	84,537,868	99,880,061	4,068,810	103,948,871
1931	60,636,751	7,874,291	68,511,042	87,911,706	3,172,479	91,084,185
1932	48,780,141	7,256,335	56,036,476	74,290,250	2,127,827	76,418,077
1933	51,696,988	6,146,587	57,843,575	75,211,940	2,449,143	78,661,083
1934	59,477,288	6,762,041	66,239,329	81,184,396	2,723,351	83,907,747

No. 512.—IMPORTS AND EXPORTS OF HAWAII

Yearly average or year ended—	Merchandise imports			Merchandise exports		
	From United States	From other countries	Total	To United States	To other countries	Total
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1901–1905	[1] 11,450,879	3,165,296	[1] 14,778,085	28,029,059	64,698	28,093,757
1906–1910	15,970,287	4,149,852	20,120,138	36,842,145	254,956	37,097,102
1908	15,038,155	4,682,399	19,720,554	41,640,505	597,640	42,238,145
1909	17,780,778	4,033,574	21,814,352	40,432,945	84,152	40,517,097
1910	20,560,101	4,606,334	25,166,435	46,183,265	306,763	46,490,028
1911	21,925,177	5,190,449	27,115,626	41,207,651	730,642	41,938,293
1912	24,652,905	5,598,444	30,251,349	55,076,070	373,273	55,449,343
1913	30,646,080	6,873,531	37,519,620	42,713,184	758,646	43,471,830
1914	25,773,412	6,282,558	32,055,970	40,678,580	915,245	41,593,825
1915	25,004,764	5,716,023	30,720,787	62,087,250	377,509	62,464,759
1916	31,127,577	6,068,529	37,196,106	64,438,297	226,747	64,665,044
1917	44,330,475	6,482,951	50,813,426	73,174,343	923,747	74,098,090
1918	43,646,515	6,807,048	50,453,563	79,392,926	1,553,700	80,946,626
Dec. 31:						
1918 (6 months)	19,061,246	5,476,008	24,537,254	42,224,209	4,152,299	46,376,508
1919	49,983,869	8,980,704	58,964,573	98,363,015	4,702,103	103,063,118
1920	74,052,453	12,284,592	86,337,015	192,383,185	3,437,699	195,820,884
1921	64,446,173	9,529,755	73,975,928	71,669,115	1,350,483	73,019,598
1922	53,585,740	7,496,913	61,082,653	73,431,301	1,257,268	74,688,569
1923	66,421,393	8,684,804	75,106,197	101,085,642	1,581,164	102,666,806
1924	69,767,693	8,884,223	78,651,916	108,473,292	1,415,911	109,889,203
1925	72,924,409	10,829,509	83,753,918	102,780,509	1,844,782	104,625,291
1926	76,262,624	10,254,565	86,517,189	98,260,941	1,884,079	100,145,020
1927	79,630,089	9,171,815	88,801,904	100,230,321	2,267,714	111,504,035
1928	77,762,940	10,361,293	88,124,233	116,956,090	2,523,745	119,479,835
1929	82,950,789	9,752,667	92,703,456	106,312,823	2,120,270	108,439,103
1930	81,726,404	9,399,645	91,126,049	98,923,737	1,992,046	100,915,783
1931	79,092,457	7,864,409	86,956,866	101,548,555	1,180,280	102,737,835
1932	58,578,449	5,051,628	63,630,077	82,688,205	760,091	83,448,296
1933	57,894,488	5,233,481	63,127,969	92,276,992	675,809	92,952,801
1934	63,472,395	5,761,288	69,233,683	94,513,699	1,316,360	95,830,059

[1] Average for years 1903, 1904, and 1905.

Source of tables 511 and 512: Bureau of Foreign and Domestic Commerce.

No. 513.—IMPORTS AND EXPORTS OF THE PHILIPPINE ISLANDS

Yearly average or year ended—	Merchandise imports			Merchandise exports		
	From United States[1]	From other countries	Total	To United States	To other countries	Total
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1901–1905	4,245,948	27,652,100	31,898,048	10,179,525	18,394,005	28,573,530
1906–1910	6,007,162	24,065,539	30,072,701	12,587,790	21,273,168	33,860,958
1908	5,079,487	25,838,870	30,918,357	10,323,233	22,493,334	32,816,567
1909	4,691,770	23,100,627	27,792,397	10,215,331	20,778,232	30,993,563
1910	10,775,301	26,292,329	37,067,630	18,741,771	21,122,398	39,864,169
1911	19,483,658	30,350,064	49,833,722	16,716,956	23,061,673	39,778,629
1912	20,604,155	33,945,825	54,549,980	21,517,777	28,802,059	50,319,836
1913	25,387,085	30,940,498	56,327,583	19,848,885	33,834,441	53,683,326
1914	28,571,821	27,439,749	56,011,570	22,047,105	29,190,943	51,238,048
1915	22,394,381	22,085,480	44,479,861	23,001,275	27,913,786	50,915,061
1916	23,804,367	22,169,258	45,973,625	28,638,526	32,825,505	61,464,031
1917	27,516,556	24,466,722	51,983,278	43,125,393	28,589,982	71,715,375
1918	49,799,220	33,964,061	83,763,290	77,010,233	39,604,378	116,614,611
Dec. 31:						
1918 (6 months)	31,949,240	21,671,502	53,620,742	50,920,499	24,518,860	75,439,359
1919	75,491,415	43,147,637	118,639,052	56,453,173	56,664,660	113,117,833
1920	92,289,778	57,148,505	149,438,283	105,216,263	45,907,593	151,123,856
1921	74,130,015	41,708,559	115,838,574	50,356,793	37,758,530	88,115,323
1922	47,738,326	32,459,319	80,197,645	64,111,001	31,471,697	95,583,298
1923	50,352,535	37,447,212	87,799,747	85,047,023	35,705,967	120,752,990
1924	60,399,380	47,611,515	108,010,895	97,313,903	38,030,760	135,344,663
1925	69,297,583	50,435,251	119,732,834	109,044,942	39,832,263	148,877,205
1926	71,575,618	47,723,374	119,298,992	100,003,215	36,881,105	136,884,320
1927	71,478,207	44,373,175	115,851,472	116,038,250	39,535,835	155,574,085
1928	83,858,068	50,798,830	134,656,898	115,585,876	39,468,670	155,054,546
1929	92,592,959	54,567,316	147,160,275	124,465,473	39,981,370	164,446,843
1930	78,183,028	44,909,926	123,092,954	105,342,061	27,825,067	133,167,128
1931	62,130,683	37,039,036	99,178,719	83,422,397	20,549,677	103,972,074
1932	51,297,750	28,097,335	79,395,085	82,647,867	12,690,214	95,338,081
1933	43,540,407	23,821,056	67,361,463	91,313,027	14,458,026	105,771,053
1934	54,375,678	29,231,433	83,607,111	91,843,594	18,560,042	110,403,636

[1] The discrepancy between the United States figures of exports to the Philippines prior to 1911 and the Philippine figures of imports from the United States in corresponding periods is due chiefly to the fact that the Philippine import figures prior to that year omit merchandise imported free of duty for the use of the Government or for use in construction and equipment of railways in the islands, under the act of Feb. 6, 1905, while the United States returns omit only Government supplies carried by Government vessels.

Sources: Reports of the War Department and Annual Report of the Insular Collector of Customs.

No. 514.—IMPORTS AND EXPORTS OF AMERICAN SAMOA

Year ended—	*Merchandise imports*			*Merchandise exports*		
	From United States	From other countries	Total	To United States	To other countries	Total
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1916	100,507	17,787	118,294	62,062	.....	62,062
1917	93,626	16,688	110,314	198,496	.....	198,496
1918	94,334	51,565	145,899	118,520	.....	118,520
Dec. 31:						
1918 (6 months)	66,409	46,033	112,442	136,071	.....	136,071
1919	95,329	87,630	182,959	90,421	.....	90,421
1920	126,185	99,110	225,295	98,213	.....	98,213
1921	127,654	94,833	222,487	117,446	.....	117,446
1922	96,317	100,586	196,903	98,216	.....	98,216
1923	97,396	101,464	198,860	95,164	.....	95,164
1924	91,309	103,053	194,362	102,895	47,385	150,280
1925	92,514	99,898	192,412	28,712	123,621	150,333
1926	231,052	87,088	318,140	78,038	(1)	(1)
1927	120,877	82,491	203,368	40,852	(1)	(1)
1928	106,260	98,490	204,750	179,068	(1)	(1)
1929	113,287	88,684	201,971	166,756	(1)	(1)
1930	142,393	63,667	206,060	140,422	(1)	(1)
1931	103,659	79,788	183,447	60,287	(1)	(1)
1932	99,064	58,536	157,600	29,077	(1)	(1)
1933	84,690	83,824	168,514	20,966	(1)	(1)
1934	123,886	77,726	201,612	24,927	(1)	(1)

[1] Not available.

Source: Returns to the Navy Department.

No. 515.—IMPORTS AND EXPORTS OF THE VIRGIN ISLANDS

NOTE.—For 1910 to 1917, figures for trade with United States cover years ended June 30, for total trade years ended Mar. 31; thereafter, all figures cover calendar years

Year (see headnote)	Merchandise imports			Merchandise exports		
	From United States [1]	From other countries	Total	To United States [1]	To other countries	Total
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1910	749,174	----------	1,296,774	403,926	----------	469,908
1911	810,537	----------	1,724,826	135,117	----------	543,526
1912	924,709	----------	1,683,072	489,539	----------	548,924
1913	894,087	----------	1,647,356	48,031	----------	282,152
1914	890,966	----------	1,712,103	29,374	----------	331,188
1915	703,354	----------	1,318,769	350,822	----------	378,859
1916	850,377	----------	1,222,509	63,496	----------	260,045
1917	1,438,904	----------	(2)	1,259,607	----------	(2)
1918	1,640,103	252,326	1,892,429	1,137,501	111,845	1,249,346
1919	1,804,117	472,395	2,276,512	1,593,120	326,405	1,919,525
1920	3,993,478	802,619	4,866,097	4,540,386	208,933	4,749,319
1921	2,622,396	416,354	3,038,750	734,674	149,061	883,735
1922	1,647,353	362,598	2,009,951	734,476	101,029	835,505
1923	1,617,625	323,142	1,940,767	414,609	99,433	514,042
1924	1,668,495	360,223	2,028,718	394,085	67,471	461,556
1925	1,915,277	(2)	(2)	1,020,748	(2)	(2)
1926	1,799,444	(2)	(2)	810,410	(2)	(2)
1927	2,053,340	(2)	(2)	908,463	(2)	(2)
1928	2,277,080	(2)	(2)	1,195,314	(2)	(2)
1929	2,298,269	(2)	(2)	603,323	(2)	(2)
1930	1,672,903	(2)	(2)	768,342	(2)	(2)
1931	1,250,406	(2)	(2)	408,932	(2)	(2)
1932	929,980	(2)	(2)	405,163	(2)	(2)
1933	1,075,512	(2)	(2)	516,846	(2)	(2)
1934	1,544,424	(2)	(2)	575,052	(2)	(2)

[1] United States customs area. [2] Not available.

Sources: Total trade, 1910 to 1915, from Danish Yearbook; 1916, from "The Virgin Islands of the United States of America", by Luther K. Zabriski; all other figures from Bureau of Foreign and Domestic Commerce.

No. 516.—IMPORTS AND EXPORTS OF GUAM

Year ended—	Merchandise imports			Merchandise exports		
	From United States	From other countries	Total	To United States	To other countries	Total
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1916	177,183	79,785	256,948	33,306	29,007	62,313
1917	114,301	172,351	286,652	46,972	33,363	80,335
1918	221,241	136,906	358,147	68,742	63,016	131,758
Dec. 31:						
1918 (6 months)	108,460	71,543	180,003	2,901	36,059	38,960
1919	308,465	138,716	447,181	49,222	15,330	64,552
1920	234,960	120,692	355,652	28,432	22,066	50,498
1921	304,111	179,573	483,684	15,566	24,776	40,342
1922	424,411	171,709	596,120	49,426	13,505	62,931
1923	456,824	217,732	674,556	77,109	16,977	94,086
1924	380,506	252,215	632,721	55,192	10,903	66,095
1925	324,619	261,216	585,835	89,219	10,735	99,954
1926	275,230	218,125	493,355	80,298	32,730	113,028
1927	208,660	195,617	404,277	112,803	41,408	154,271
1928	326,844	334,420	661,264	124,677	117,855	242,532
1929	290,980	521,835	812,815	54,688	293,681	348,369
1930	375,276	293,143	668,419	113,151	84,409	197,560
1931	300,728	278,559	579,287	37,800	44,110	81,910
1932	213,957	242,904	456,861	9,129	40,555	49,684
1933	181,266	197,725	378,991	5,155	57,294	62,449
1934	183,781	255,426	439,207	2,072	29,304	31,376

Source: Returns to the Navy Department.

No. 517.—SHIPMENTS OF PRINCIPAL PRODUCTS TO THE UNITED STATES FROM ALASKA, HAWAII, PUERTO RICO, AND THE PHILIPPINE ISLANDS

NOTE.—Totals include items not shown separately. For gold shipments from Alaska see table 510

Territory and product	Quantity			Value (thousands of dollars)			
	1932	1933	1934	1931	1932	1933	1934
ALASKA							
Reindeer meat, 1,000 lbs.	247	434	803	100	25	43	72
Fish, do.	298,872	297,834	386,047	35,415	25,464	28,768	39,722
Halibut, fresh and frozen, do.	7,937	8,000	8,074	1,463	657	605	704
Salmon, fresh and frozen, do.	7,538	6,829	4,519	825	544	524	447
Canned salmon, do.	259,166	260,677	357,710	31,161	22,145	25,621	36,811
Cured or preserved fish, do.	21,895	20,475	13,926	1,415	1,445	1,540	1,269
Shellfish, do.	2,336	1,758	1,620	551	673	472	479
Other fish products:							
Meal, tons[1]	8,773	10,063	12,634	344	268	341	457
Oil, 1,000 gals.	2,559	3,209	3,659	379	308	421	614
Furs and fur skins, number	567,786	362,612	365,923	2,811	1,702	2,028	2,555
Whale oil, 1,000 gals.	767	332	1,005	-------	116	74	166
Wood, timber, and lumber, M ft.	567	851	1,316	35	21	43	43
Copper (ore, matte, regulus), 1,000 lbs.	10,807	101	39	2,080	723	8	4
Lead (ore, matte, regulus), do.	2,545	2,402	1,687	151	81	86	66
Total Alaskan products				41,540	28,976	31,937	43,852
Articles produced in U. S. returned				1,601	1,103	1,146	1,077
Total foreign merchandise				135	104	49	129
Total, all merchandise				43,276	30,183	33,131	45,059
HAWAII							
Fish, dried, canned, etc., 1,000 lbs.	877	1,703	1,319	300	145	304	246
Coffee, do.	7,760	4,158	5,488	1,067	926	536	643
Vegetables, fresh, canned, etc., do.	400	472	1,436	37	21	21	58
Fruits				35,463	20,680	24,092	34,312
Bananas, bunches	90,514	94,000	89,640	122	88	92	89
Pineapples (canned), 1,000 lbs.	388,069	434,884	540,936	35,341	20,592	23,925	34,156
Hides and skins, do.	1,401	1,558	667	95	63	82	42
Molasses, 1,000 gals.	11,167	7,604	18,873	532	318	201	404
Sugar:							
Unrefined, 1,000 lbs.	1,903,226	1,989,006	1,807,337	59,825	55,600	62,089	53,424
Refined, do.	48,641	45,946	31,485	940	1,988	2,041	1,436
Honey, do.	1,653	1,038	1,311	51	50	38	57
Pineapple juice, do.	-------	18	2,035	-------	-------	1	116
Paper and manufactures, do.	1,402	11,073	7,660	1	47	371	249
Citric acid, do.	385	380	505	179	98	95	122
Alcohol, denatured, 1,000 gals.	372	231	344	75	136	105	172
Total Hawaiian products				98,882	80,494	90,098	91,878
Articles produced in U. S. returned				2,554	2,168	2,121	2,575
Total foreign merchandise				113	26	58	60
Total, all merchandise				101,549	82,688	92,277	94,514
PUERTO RICO							
Cotton and manufactures				12,443	9,561	12,308	12,473
Handkerchiefs, 1,000 doz.	1,865	1,605	1,687	985	1,267	920	979
Wearing apparel, do.	1,382	2,264	2,459	10,400	7,343	10,800	10,987
Linen manufactures				234	539	943	1,247
Silk dresses and underwear[2], doz.	86,785	51,929	11,290	703	1,341	654	117
Hats of straw or fiber, do.	58,698	58,588	49,052	281	241	381	314
Vegetables, fresh, canned, etc., 1,000 lbs.	1,973	2,412	2,968	106	123	147	131
Fruits				5,447	2,948	2,022	2,299
Grapefruit, fresh, boxes	284,060	227,007	314,133	2,399	863	679	725
Oranges, fresh, do.	19,235	14,487	22,075	156	48	39	52
Pineapples, fresh, crates	576,489	410,223	418,878	2,260	1,704	1,237	1,005
Grapefruit, canned, etc., 1,000 lbs.	3,649	293	6,972	472	246	19	391
Pineapples, canned, etc., do.	606	185	1,326	160	27	10	84
Coconuts, thousands	10,495	4,531	7,253	281	215	124	209
Hides and skins, 1,000 lbs.	930	1,174	1,324	71	52	75	78
Manganese ore (gross weight), tons[1]	2,302	1,638	1,711	87	66	66	69
Alcohol, gals.	1,010,887	1,259,353	1,100,657	207	313	354	347
Coffee[3], 1,000 lbs.	518	1,594	1,766	274	126	364	415
Sugar, unrefined, do.	1,602,695	1,310,327	1,468,734	44,306	44,677	40,880	45,385
Sugar, refined, do.	186,196	214,174	184,632	7,580	7,187	8,338	7,528
Honey, do.	886	1,370	1,037	31	28	48	55
Molasses, 1,000 gals.	23,332	31,374	30,405	1,084	708	788	1,162
Leaf tobacco, 1,000 lbs.	5,699	15,255	15,272	8,996	2,682	5,913	6,209
Stems, scraps, etc., do.	4,252	3,875	4,075	1,073	794	636	606
Cigars and cheroots, thousands	76,266	63,715	63,375	3,230	1,608	1,317	1,453
Total Puerto Rican products				86,922	73,594	75,550	80,363
Articles produced in U. S. returned				970	653	649	810
Total foreign merchandise				20	43	13	12
Total, all merchandise				87,912	74,290	76,212	81,184

[1] Of 2,240 pounds. [2] Silk manufactures 1931. [3] Largely for transshipment to foreign countries.

No. 517.—Shipments of Principal Products to the United States from Alaska, Hawaii, Puerto Rico, and the Philippine Islands—Continued

Territory and product	Quantity			Value (thousands of dollars)			
	1932	1933	1934	1931	1932	1933	1934
PHILIPPINE ISLANDS [2]							
Sugar, 1,000 lbs.	2,080,837	2,400,127	2,201,884	49,899	57,122	66,516	61,438
Oil cake and meal (coconut), do.	7,495	20,335	72,009	111	61	128	450
Coconut meat, prepared, do.	36,303	39,694	51,884	1,936	1,595	1,655	2,212
Copra, do.	198,526	442,168	338,087	6,574	3,431	6,009	4,071
Coconut oil, do.	249,117	316,078	314,802	15,272	7,619	8,556	7,372
Unmanufactured tobacco, do.	3,560	1,627	1,495	554	433	143	137
Cigars and cheroots, do.	2,192	1,824	3,182	3,105	3,066	2,673	3,080
Cotton wearing apparel				2,044	2,060	1,831	2,121
Cordage, 1,000 lbs.	4,942	7,940	9,803	547	445	656	915
Manila fiber, tons [1]	25,552	32,252	41,576	2,910	1,600	1,833	2,750
Hats of straw, etc., thousands	309	802	671	449	336	643	619
Sawed cabinet woods, M. ft.	6,936	15,411	17,352	866	256	491	671
Articles produced in U. S. returned				374	361	423	440
Total, all merchandise				87,133	80,877	93,048	88,570

[1] Of 2,240 pounds.
[2] Data represent shipments to the United States customs area; general imports through 1933 and imports for consumption in 1934.
Source: Bureau of Foreign and Domestic Commerce.

No. 518.—Shipments of Merchandise from the United States to Alaska, Hawaii, Puerto Rico, and the Philippine Islands: Values

Note.—Values in thousands of dollars. Totals include items not shown separately

Commodity group or item	Alaska		Hawaii		Puerto Rico		Philippine Islands [1]	
	1933	1934	1933	1934	1933	1934	1933	1934
Total merchandise	20,086	29,999	57,894	63,472	51,697	59,477	44,646	46,975
Animals and Animal Products	2,241	2,820	5,670	6,364	7,742	8,730	3,299	4,496
Meat products	929	1,218	2,128	2,540	2,343	3,033	372	539
Eggs	321	381	395	457	102	81	15	10
Milk, condensed, evaporated, etc.	266	327	626	633	313	352	1,302	1,044
Butter and cheese	419	485	825	860	440	513	87	101
Fish	57	80	626	698	217	319	587	791
Animal fats and oils, edible	36	43	20	23	1,789	1,981		
Boots and shoes	74	117	530	637	2,186	2,075	156	135
Other leather manufactures	21	35	213	243	136	147	95	107
Vegetable Food Products and Beverages	2,991	4,843	10,159	12,191	12,333	13,651	3,642	3,962
Grains and preparations	488	627	3,783	4,554	8,222	9,271	1,792	1,897
Rice	38	52	2,592	3,054	5,689	6,338	0	1
Wheat flour	249	321	697	974	1,561	2,117	1,631	1,768
Biscuits and crackers	92	109	110	136	292	291	71	45
Fodders and feeds	79	90	1,444	1,530	487	611	11	5
Vegetables	533	633	1,406	1,469	2,322	2,304	479	531
Beans, dried	19	23	60	70	1,215	1,215	4	4
Potatoes	103	109	219	190	494	430	26	43
Canned vegetables	243	308	380	426	160	183	186	192
Fruits	460	583	947	1,141	334	290	500	585
Oranges	55	76	310	387			136	170
Apples	53	59	127	158	45	43	120	127
Canned and preserved fruits	170	244	232	269	151	115	85	89
Coffee	229	248	129	153	1	6	290	309
Sugar	301	303	42	54	5	4	22	11
Confectionery	180	230	482	471	344	268	161	168
Beverages and fruit juices	439	1,616	986	1,879	386	481	60	75
Vegetable Products, Inedible, Except Fibers and Wood	884	1,111	3,794	4,003	3,576	3,803	4,186	4,892
Rubber manufactures	230	314	1,215	1,217	721	783	1,248	1,364
Boots and shoes [2]	118	153	35	33	155	129	36	36
Automobile tires: Casings	28	41	876	864	362	453	841	920
Tobacco:								
Leaf					473	341	589	317
Cigars and cheroots	82	91	155	167	4	5		
Cigarettes	324	439	1,673	1,845	2,159	2,420	1,760	2,556
Smoking	154	151	445	450	3	2	16	18

[1] Data represent exports of United States merchandise from the United States customs area.
[2] Includes canvas shoes with rubber soles.

No. 518.—Shipments of Merchandise from the United States to Alaska, Hawaii, Puerto Rico, and the Philippine Islands: Values—Con.

[Values in thousands of dollars]

Commodity group or item	Alaska		Hawaii		Puerto Rico		Philippine Islands[1]	
	1933	1934	1933	1934	1933	1934	1933	1934
Textiles	1,235	2,056	4,308	4,680	10,599	12,547	9,881	7,874
Sewing, crochet, and embroidery cotton	2	4	99	89	219	165	478	366
Cotton cloth, excluding duck and tire fabric	37	73	893	925	5,439	7,549	6,938	5,087
Cotton wearing apparel	234	415	954	1,104	1,287	1,530	115	105
Other cotton manufactures, except cordage	151	317	422	485	1,050	848	692	765
Bags of jute	20	28	67	109	107	138	101	116
Cordage and twine (cotton, jute, and other)	171	238	87	92	139	116	101	107
Wool wearing apparel	192	287	232	258	301	201	18	30
Other wool manufactures	38	53	197	195	107	85	21	22
Silk manufactures	62	72	465	466	521	571	607	422
Rayon and other synthetic textiles	17	20	201	216	518	546	499	430
Wood and Paper	1,342	1,796	3,322	4,305	2,873	3,048	1,349	1,638
Logs and timber	50	53	114	235	75	159	5	9
Boards, planks, and deals	173	335	744	967	981	963	26	46
Box shooks	78	57	81	90	39	60	2	2
Wood furniture	65	76	239	241	488	464	15	20
Paper and manufactures	567	765	1,816	2,412	1,074	1,144	1,165	1,430
Nonmetallic Minerals	1,844	2,347	3,290	3,149	2,601	3,250	5,335	4,960
Coal	194	255	17	27	140	96	3	7
Petroleum and products	1,332	1,703	7,128	6,744	1,725	1,904	4,317	4,506
Gasoline	713	930	4,167	3,685	982	1,102	2,115	1,935
Illuminating oil	68	70	620	459	358	348	1,065	890
Gas and fuel oil	382	423	1,493	1,790	39	136	723	852
Lubricating oil	149	236	614	579	213	214	596	555
Metals and manufactures, except Machinery and Vehicles	5,894	8,766	7,451	7,750	2,729	3,773	5,020	5,537
Iron and steel	5,679	8,525	6,638	6,892	2,399	3,341	4,441	4,950
Steel bars	39	63	102	325	89	204	111	233
Galvanized sheets	53	108	195	159	343	360	1,381	1,179
Tin plates	568	631	3,549	2,756	35	35	517	776
Structural forms	89	150	141	449	167	141	146	249
Cast-iron pipe and fittings	9	14	140	254	66	489	163	95
Wire	246	355	199	272	165	186	346	342
Wire nails	39	49	61	80	102	86	163	204
Tin cans, finished or unfinished	3,959	5,913	60	142	57	110	67	148
Stoves, ranges, furnaces	124	225	234	216	24	33	35	24
Tools	68	107	169	184	103	124	175	216
Copper	44	43	205	291	153	158	198	214
Machinery and Vehicles	2,630	4,425	6,577	7,614	3,390	4,315	6,300	7,699
Engines and parts	110	214	367	343	201	154	391	457
Electrical machinery and appliances	441	724	1,927	2,174	728	922	1,031	1,239
Agricultural machinery	67	133	354	253	238	178	295	234
Other machinery	1,460	2,514	1,488	2,008	946	1,183	1,820	2,175
Motor trucks and busses	83	203	333	470	285	447	718	971
Passenger automobiles	117	184	1,300	1,673	654	986	1,284	1,662
Automobile parts and accessories, except tires	71	101	514	542	223	314	494	745
Chemicals and Related Products	818	1,052	4,803	4,941	4,081	4,433	3,599	3,785
Chemicals	150	190	708	747	423	446	613	702
Medicinal and pharmaceutical preparations	159	182	452	502	859	876	667	693
Paints, pigments, and varnishes	114	160	582	615	386	409	423	435
Explosives, fuses, etc	271	354	99	207	11	27	262	434
Fertilizers	3	4	1,774	1,726	1,238	1,398	726	732
Soap, excluding scouring soap	95	106	601	568	754	848	337	258
Miscellaneous	806	982	3,521	3,475	1,772	1,925	2,084	2,131
Motion-picture films	96	100	145	124	36	57	45	67
Musical instruments	20	25	194	202	39	50	54	90
Toys, except rubber	24	24	135	118	178	166	31	41
Athletic and sporting goods	29	30	146	151	20	21	73	56
Books, pictures, and other printed matter	210	255	993	1,064	228	268	703	739
Household and personal effects	111	126	305	278	109	137	88	96

[1] Data represent shipments from the United States Customs Area.

Source: Bureau of Foreign and Domestic Commerce.

24.—IRRIGATION AND DRAINAGE

GENERAL NOTE.—Data in this section cover irrigation and drainage enterprises in continental United States. "Government irrigation" tables relate only to works of the Bureau of Reclamation or to lands served in whole or in part by works controlled by the bureau (for area so served, see table 522). Tables 524 to 529 relate to irrigation enterprises of all sorts as reported to the Bureau of the Census.

No. 519.—GOVERNMENT IRRIGATION PROJECTS: CONSOLIDATED FINANCIAL STATEMENT, JUNE 30, 1934

DEBIT SIDE

Construction account, primary projects:			
Cost of irrigation works—			
Original construction	$205, 684, 206		
Supplemental construction	12, 627, 449		
Value of works taken over	2, 056, 940		
Total construction cost		$220, 368, 595	
Operation and maintenance prior to public notice (net)	2, 804, 745		
Operation and maintenance deficits and arrearages and penalties on water-right charges funded with construction	6, 956, 939		
		9, 761, 684	
		230, 130, 279	
Less—			
Abandoned works and nonreimbursable cost, etc. (net)	15, 615, 332		
Construction revenues	6, 590, 770		
Contributed funds	1, 783, 013		
Nonreimbursable appropriation (Rio Grande Dam)	1, 000, 000		
		24, 989, 114	
Balance repayable			$205, 141, 165
Yuma auxiliary project: Cost of works less construction revenues			899, 256
Palo Verde Valley flood protection: Reconstruction and repairs			48, 918
Secondary projects and general investigations: Cost of surveys and investigations less contributed funds			2, 447, 594
Plant and equipment			705, 651
Materials and supplies			370, 287
Accounts receivable			156, 138, 561
Miscellaneous			303, 196
Cash on hand and in special deposit and in transit			61, 458, 153
Total debits			427, 512, 782

CREDIT SIDE

Security for repayment of cost of irrigation works:			
Contracted construction repayments		$197, 769, 670	
Yuma auxiliary contracted repayments		604, 885	
			$198, 374, 555
Current accounts payable			831, 059
Deferred and contingent obligations			1, 726, 831
Reserves and undistributed profits			7, 565, 941
Unadjusted credits: Collection vouchers in transit			275
Operation and maintenance results, surplus			642, 596
Government aid for reclamation of arid lands:			
Reclamation fund		158, 021, 444	
National Industrial Recovery—Interior—Reclamation		59, 435, 000	
Special funds—			
Increase of compensation		2, 797, 960	
Judgments, United States Courts		602, 814	
Rio Grande Dam		1, 000, 000	
Wind River Indian (Riverton)		359, 176	
Drainage and cut-over lands		99, 815	
General investigations, 1923–Dec. 31, 1924		266, 353	
Arid, semiarid, swamp, and cut-over timberlands		35, 924	
Columbia Basin irrigation project		11, 634	
Colorado River levee system		445, 111	
Palo Verde Valley flood protection		40, 369	
Advances to reclamation fund: Treas. loans less repayments		15, 000, 000	
Total		288, 124, 601	
Less nonreimbursable appropriation, Rio Grande Dam		1, 000, 000	
		287, 124, 601	
Less impairment of funds:			
Abandoned construction works and nonreimbursable cost	$2, 119, 541		
Operation and maintenance cost, uncollectible	453, 272		
Charge-offs, act of May 25, 1926	14, 643, 981		
Washington office cost since Dec. 5, 1924	1, 288, 135		
Other items	7, 120		
Less impounded funds, economy acts, reclamation fund	241, 027		
		18, 753, 076	
			218, 371, 524
Total credits			427, 512, 782

Source: Bureau of Reclamation, Department of the Interior.

No. 520.—GOVERNMENT IRRIGATION PROJECTS: CONSTRUCTION COST, OTHER REIMBURSABLE COST AND AMOUNT TO BE REPAID BY WATER USERS, TOTALS TO JUNE 30, 1934

State and project	Construction cost	Operation and maintenance cost before public notice (net)	Operation and maintenance deficits and arrearages and penalties	Deduction		Total to be repaid by water users
				Construction revenues and contributed funds	Abandoned works, nonreimbursable cost, etc.	
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	220,368,595	2,804,745	6,956,872	[1] 9,373,758	15,615,332	205,141,122
Arizona:						
Salt River	12,744,223	115,994	43,428	2,312,097	[2] 382,097	10,209,450
Verde	59,765					59,765
Arizona-California: Yuma	9,397,900	378,084	104,758	227,128		9,653,614
California: Orland	2,400,288	[3] *11,433*	5,130	28,415		2,365,571
Colorado:						
Grand Valley	5,017,465	138,621	4,249	269,603	[4] 812,375	4,078,269
Uncompahgre	6,422,628	311,103	186,198	24,242	[4] 1,260,792	5,634,895
Idaho:						
Boise	16,010,350	422,283	927,297	495,125	[4] 82,394	16,782,412
King Hill	1,905,919		110,123	28,187	[4] 497,464	1,490,390
Minidoka	15,078,680	319,809	522,787	2,023,127	[4] 2,288	13,895,860
Minidoka-Gooding	4,172,262		69,022	2,173		4,239,111
Kansas: Garden City	342,964	52,868		61,357	[5] 334,475	
Montana:						
Bitter Root	717,641					717,641
Huntley	1,562,303	[3] *1,000*	387,994	18,372	[4] 62,050	1,868,875
Milk River	6,868,745	437,187	101,062	74,194	[4] 1,735,969	5,596,831
Sun River	7,471,865	133,078	103,853	47,536	[4] 89,214	7,572,046
Montana-North Dakota: Lower Yellowstone	3,085,433	[3] *4,181*	915,743	53,532	[4] 382,254	4,161,209
Nebraska-Wyoming: North Platte	19,267,635	743,294	1,517,431	554,661		20,973,699
Nevada: Newlands	7,956,907	[3] *2,155*	43,093	52,348	[4] 4,437,820	3,507,677
New Mexico:						
Carlsbad	1,404,650	[3] *17,752*	64,769	29,077	[4] 374,884	1,107,706
Hondo	339,492	32,952		656	[5] 371,788	
New Mexico-Texas: Rio Grande	15,131,134	[3] *297,858*	38,494	[1] 1,408,882	[4] 326,901	13,135,988
North Dakota:						
Buford-Trenton	223,423	[3] *52*		1,968	[5] 221,424	
Williston	517,630	[3] *166*		98,907	[5] 418,558	
Oregon:						
Baker	281,592		173	5,003		276,762
Deschutes	5,362					5,362
Stanfield	31,694					31,694
Umatilla	5,137,937		230,537	85,646	[4] 888,341	4,394,487
Vale	3,661,103	39,049		8,144		3,692,007
Oregon-California: Klamath	6,266,645	83,244	85,087	221,944	[4] 7,500	6,205,533
Oregon-Idaho: Owyhee	12,248,374	336		4,393		12,244,317
South Dakota: Belle Fourche	4,521,625	[3] *1,089*	680,199	25,087	[4] 379,032	4,795,716
Utah:						
Hyram	172,748					172,748
Salt Lake Basin	2,914,527		4,871	45,911		2,873,487
Strawberry Valley	3,507,423	10,744	89,047	258,379		3,348,835
Washington:						
Grand Coulee	811,142			50,843		760,299
Okanogan	1,452,129	[3] *47,767*	25,194	6,631	[4] 998,727	424,199
Yakima [6]	26,076,089	[3] *64,357*	135,790	429,539	[4] 4,215	25,713,769
Wyoming:						
Casper-Alcova	612,399			3		612,396
Riverton	3,893,557		89,766	19,362		3,964,060
Shoshone	10,014,847	34,787	470,778	401,198	[4] 1,544,771	8,574,444

[1] Includes nonreimbursable appropriation, $1,000,000.
[2] Nonreimbursable cost.
[3] Contra.
[4] Authorized charge-offs.
[5] Abandoned works.
[6] Yakima-Kittitas combined with Yakima in this report.

Source: Bureau of Reclamation, Department of the Interior.

No. 521.—GOVERNMENT IRRIGATION PROJECTS: ACCOUNTS RECEIVABLE; CONSTRUCTION WATER-RIGHT CHARGES, OPERATION AND MAINTENANCE CHARGES, AND RENTAL OF IRRIGATION WATER

State and project	Construction water-right charges (including contributed funds)			Operation and maintenance charges (after public notice)			Rental of irrigation water		
	Due to June 30, 1934	Collected to June 30, 1934 [1]	Uncollected June 30, 1934	Due to June 30, 1934	Collected to June 30, 1934 [1]	Uncollected June 30, 1934	Due to June 30, 1934	Collected to June 30, 1934 [1]	Uncollected June 30, 1934
	Dollars	*Dollars*	*Dolls.*	*Dollars*	*Dollars*	*Dolls.*	*Dollars*	*Dollars*	*Dolls.*
Total	47,438,964	246,812,115	626,849	28,585,006	[2] 28,301,284	283,722	9,300,109	9,220,914	79,194
Arizona:									
Salt River	6,506,254	6,506,254					2,246,726	2,246,726	
Yuma auxiliary	593,946	589,958	3,987	453,254	437,744	15,510	11,448	11,203	245
Arizona-California:									
Yuma	3,902,933	3,892,773	10,160	3,666,503	3,631,326	35,237	538,162	537,345	817
California: Orland	803,575	773,323	30,252	601,107	567,938	33,169	121,451	121,451	
Colorado:									
Grand Valley	360,894	360,894		308,673	305,558	3,115	501,017	494,334	6,683
Uncompahgre	670,681	490,113	180,568	1,008,684	1,008,684		1,223,134	1,218,375	4,759
Idaho:									
Boise	4,000,903	4,000,903		2,159,892	2,159,892		789,939	789,939	
King Hill	90,826	8,026	82,800	60,711	60,711				
Minidoka	8,434,675	8,418,205	16,470	2,015,788	2,015,788		607,776	607,721	55
Minidoka-Gooding	280,798	280,798		6,923	6,923		13,796	13,796	
Montana:									
Huntley	558,700	558,621	79	554,787	554,787		11,243	11,243	
Milk River	58,323	3,003	55,320	297,464	273,146	24,318	238,024	228,885	9,139
Sun River	209,279	209,279		166,319	166,319		132,243	130,902	1,341
Montana-North Dakota:									
Lower Yellowstone	290,497	290,497		340,484	340,484		135,473	135,345	128
Nebraska-Wyoming:									
North Platte	3,877,350	3,821,908	55,443	1,892,393	1,885,063	7,330	344,080	344,080	
Nevada: Newlands	1,155,762	1,154,922	839	1,174,582	1,174,582		28,291	28,291	
New Mexico:									
Carlsbad	892,952	892,879	73	897,486	897,438	48	39,825	39,808	17
Hondo							9,130	9,130	
New Mexico-Texas:									
Rio Grande	3,463,449	3,463,449		3,785,589	3,752,508	33,081	1,459,625	1,449,893	9,732
North Dakota:									
Buford-Trenton				2,317	2,317		32	32	
Williston				34,043	34,043		2,117	2,117	
Oregon:									
Baker	5,000	5,000							
Umatilla	539,141	403,653	135,489	382,495	382,495		95,657	69,380	26,277
Vale	5,000	5,000		8,500	4,250	4,250	22,234	19,496	2,738
Oregon-California:									
Klamath	1,115,031	1,114,016	1,015	1,239,757	1,235,846	3,911	309,476	302,883	6,593
Oregon-Idaho:									
Owyhee	4,355	4,355							
South Dakota: Belle Fourche	629,310	629,310		1,064,809	1,064,809		9,423	9,423	
Utah:									
Salt Lake Basin	44,965	44,965							
Strawberry Valley	1,287,430	1,287,430		376,881	376,881		17,596	17,596	
Washington:									
Okanogan	172,495	134,224	38,271	371,442	371,442		110,645	110,645	
Yakima [3]	6,555,606	6,540,917	15,689	5,162,419	5,039,648	122,771	181,071	171,492	9,580
Wyoming:									
Riverton							*23,953*	*23,913*	*40*
Shoshone	827,835	827,442	392	551,645	550,663	982	76,522	75,470	1,051

[1] Cash and other credits.

[2] Figures represent total collections of amounts due. Additional collections representing payments in advance of due dates, penalties and interest, and refunds totaled $1,453,195 for construction water-right charges and $634,418 for operation and maintenance charges, making the grand total collections under those accounts, $48,265,309 and $28,935,703, respectively.

[3] Yakima-Kittitas combined with Yakima in this report.

Source: Bureau of Reclamation, Department of the Interior.

No. 522.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE IRRIGABLE, IRRIGATED, AND CROPPED, AND VALUE OF CROPS, BY PROJECTS, 1933

NOTE.—Data are for calendar year (irrigation season) except on Salt River project, where data are for corresponding "agricultural year", October 1932 to September 1933

State and project	Lands in projects proper				Other lands served by Government works [1]			
	Irrigable acreage [2]	Irrigated acreage	Cropped acreage	Crop value	Irrigable acreage	Irrigated acreage	Cropped acreage	Crop value
				Dollars				*Dollars*
Grand total	2,025,508	1,589,770	1,598,702	48,765,863	1,514,201	1,239,017	1,199,113	35,425,870
Total with irrigation	2,025,508	1,589,770	1,529,903	48,138,576	1,514,201	1,239,017	1,199,113	35,425,870
Arizona: Salt River	245,648	242,100	222,947	12,393,212	94,100	43,423	43,423	953,000
Arizona-California: Yuma	65,625	49,576	47,591	1,488,838	200	170	161	18,302
California: Orland	20,634	13,946	13,380	400,476				
Colorado:								
Grand Valley	30,380	15,378	15,175	329,972	18,400	13,855	13,655	382,340
Uncompahgre	75,654	60,024	59,919	1,320,129	1,550	1,550	1,545	46,350
Idaho:								
Boise	167,776	156,422	156,301	2,967,366	144,068	131,293	126,617	2,472,700
King Hill	8,269	7,293	7,137	120,343				
Minidoka	116,054	104,486	98,587	2,914,925	725,662	643,783	616,572	16,386,132
Montana:								
Bitter Root Irrigation District	18,083	15,204	14,970	235,232				
Huntley	27,947	24,369	24,369	734,180				
Milk River	134,557	46,346	46,346	909,572				
Sun River	56,721	40,734	42,027	306,650				
Montana-North Dakota:								
Lower Yellowstone	46,279	33,902	33,902	1,030,058				
Nebraska-Wyoming: North Plate	234,009	194,451	182,504	4,750,803	127,630	108,280	104,330	2,397,340
Nevada: Newlands	87,500	53,324	50,808	621,284				
New Mexico: Carlsbad	25,055	24,624	18,761	891,044				
New Mexico-Texas: Rio Grande	155,000	139,206	136,509	6,148,085	77,000	43,862	43,862	1,174,337
Oregon:								
Baker	7,124	6,303	6,282	71,264				
Umatilla	13,444	11,342	10,964	173,011	729	691	671	15,828
Vale	15,854	4,982	4,081	91,958				
Oregon - California: Klamath	61,262	51,963	51,355	1,607,633	64,813	32,930	32,930	783,888
South Dakota: Belle Fourche	61,030	42,060	47,379	723,580				
Utah:								
Salt Lake Basin					87,754	87,753	83,954	3,349,381
Strawberry Valley	42,055	39,269	37,838	725,856	5,207	4,970	4,936	112,409
Washington:								
Okanogan	5,800	3,712	3,441	371,898				
Yakima	204,409	156,946	146,073	5,991,571	166,717	126,186	126,186	7,330,224
Wyoming:								
Riverton	32,000	4,184	3,723	41,295	271	271	271	3,549
Shoshone	66,738	47,534	47,534	769,332				
Total cropped without irrigation			68,799	627,287				
Milk River			7,550	16,040				
Sun River			1,536	4,152				
Lower Yellowstone			2,979	7,384				
Klamath			56,684	599,711				

[1] Usually furnished with a partial water supply through private canals under Warren Act or other water-service contracts.

[2] Areas for which Bureau was prepared to supply water in 1933.

Source: Bureau of Reclamation, Department of the Interior.

No. 523.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE, PRODUCTION, AND VALUE OF CROPS

[Acreage in thousands and value in thousands of dollars, except for individual crops]

Year	Government projects proper				Warren Act land			Entire area		
	Irrigable acreage	Irrigated acreage	Cropped acreage[1]	Crop value[1]	Irrigated acreage	Cropped acreage	Crop value	Irrigated acreage	Cropped acreage	Crop value
1920	1,662	1,224	1,154	66,172	982	951	47,506	2,205	2,105	113,678
1921	1,674	1,228	1,158	49,620	1,001	970	44,906	2,229	2,128	94,526
1922	1,693	1,202	1,169	50,361	983	951	33,241	2,185	2,120	83,602
1923	1,718	1,214	1,180	65,046	1,051	993	37,558	2,265	2,173	102,604
1924	1,806	1,291	1,217	66,489	931	890	43,238	2,222	2,106	109,726
1925	1,803	1,320	1,243	77,609	1,019	951	53,656	2,340	2,194	131,265
1926	1,845	1,411	1,362	60,665	1,097	950	49,750	2,508	2,311	110,415
1927	1,957	1,379	1,432	72,047	1,148	1,072	61,160	2,527	2,504	133,207
1928	1,883	1,442	1,489	81,078	1,235	1,192	62,495	2,677	2,681	143,573
1929	1,922	1,484	1,512	88,459	1,234	1,193	72,720	2,718	2,705	161,180
1930	1,993	1,505	1,551	65,007	1,286	1,254	54,655	2,791	2,805	119,662
1931	2,027	1,553	1,520	40,554	1,294	1,252	33,406	2,847	2,772	73,960
1932	2,039	1,555	1,579	31,531	1,200	1,183	17,893	2,755	2,762	49,424
1933	2,026	1,590	1,599	48,766	1,239	1,199	35,426	2,829	2,798	84,192
1934	1,986	1,552	1,527	60,929	1,285	1,230	40,015	2,837	2,757	100,944

GOVERNMENT PROJECTS PROPER—INDIVIDUAL CROPS[1]

Crop	Acreage cropped		Production		Crop value		Yield per acre	
	1933	1934	1933	1934	1933	1934	1933	1934
			Bushels	*Bushels*	*Dollars*	*Dollars*	*Bushels*	*Bushels*
Total, all crops	1,598,702	1,527,104			48,765,883	60,928,969		
Cereals	356,922	350,195	10,536,537	10,804,334	4,503,898	6,922,437		
Barley	77,529	75,592	2,576,606	2,818,087	908,163	1,768,706	33.2	37.3
Corn	70,684	54,078	1,979,118	1,195,375	801,514	924,410	28.0	22.1
Oats	64,426	72,386	2,539,101	2,911,064	694,060	1,337,052	39.4	40.0
Rye	2,480	3,352	27,041	58,863	15,422	41,940	10.9	17.5
Wheat	141,803	144,787	3,414,671	3,820,945	2,084,139	2,849,729	24.1	26.4
Other seeds	34,319	28,074	128,736	147,657	562,554	1,006,321		
Alfalfa seed	25,199	19,300	82,326	73,607	369,594	615,627	3.3	3.8
Clover seed	7,787	6,529	35,530	28,389	164,562	250,775	4.5	4.3
Other	1,333	2,245	8,880	45,661	28,398	139,919	4.8	20.3
			Tons	*Tons*			*Tons*	*Tons*
Hay and forage	1,211,148	1,155,683	1,816,340	1,603,811	13,637,431	18,548,928		
Alfalfa hay	485,844	442,086	1,478,013	1,258,280	9,367,886	12,582,874	3.0	2.8
Clover hay	12,777	10,038	17,042	14,901	82,361	100,227	1.3	1.4
Other hay	64,071	100,660	81,744	125,308	519,445	1,695,798	1.3	1.2
Corn forage	23,238	24,298	79,097	68,376	418,817	399,257	3.4	2.8
Other forage	146,119	119,537	160,944	36,856	629,481	481,805	1.1	.3
Pasture	439,099	458,414			2,619,841	3,288,967		
			Bushels	*Bushels*			*Bushels*	*Bushels*
Vegetables	142,916	187,229	13,248,300	12,463,513	10,326,843	10,259,892		
Beans	23,831	43,828	438,469	637,884	533,840	1,182,347	18.4	14.6
Onions	2,267	2,282	702,040	404,801	200,166	280,149	310.0	177.5
Potatoes, white	58,261	72,103	11,996,069	11,220,194	5,020,307	3,654,135	206.0	155.7
Potatoes, sweet	1,176	1,648	111,722	200,634	107,249	163,215	95.0	124.0
Truck	57,381	47,368			4,465,281	4,980,046		
			1,000 lbs.	*1,000 lbs.*			*Pounds*	*Pounds*
Fruits and nuts	57,095	60,871	504,659	540,563	5,406,141	7,094,534		
Apples	25,017	24,994	279,462	330,487	2,653,206	3,109,276	11,170	13,240
Peaches	3,612	3,710	3,991	22,368	76,965	339,012	1,100	6,080
Pears	7,477	8,064	68,261	68,914	479,711	821,948	9,140	8,500
Prunes	2,224	2,258	13,410	15,798	139,850	156,914	6,030	7,000
Citrus fruits	9,112	11,323	113,176	68,778	1,279,313	1,565,007	12,400	6,070
Small fruits	4,047	5,111	12,449	22,279	367,347	678,465	3,080	4,360
Miscellaneous	5,606	5,211	13,911	11,929	400,749	423,312	2,480	2,290
Miscellaneous	272,926	411,059			14,328,996	17,096,857		
Cotton	147,507	125,521	72,403	69,038	7,397,420	8,904,024	490.8	550.0
Cottonseed			90,874	123,848		2,108,421	616.1	986.7
			Tons	*Tons*			*Tons*	*Tons*
Sugar beets	110,008	87,350	1,345,500	761,378	6,575,616	4,582,366	12.2	8.7
Other crops	15,411	72,667			355,960	1,502,046		
Duplication	477,124	645,757						

[1] Figures include nonirrigated crops grown on projects.

Source: Bureau of Reclamation, Department of the Interior

No. 524.—IRRIGATION: SUMMARY FOR THE 19 IRRIGATION STATES

NOTE.—Tables 524 to 527 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of the management of the enterprises. An enterprise is defined as "an independent irrigation establishment and includes the works for supplying water and the land for which water is supplied, except that the cost and value of the land is not included in the capital invested." Statistics cover the nineteen irrigation States shown in table 526.

Item	Census of—			Per cent increase 1920–1930 [1]
	1910	1920	1930	
All farms—number	1,776,046	1,916,301	2,062,813	7.6
All land in farms—1,000 acres	416,463	505,441	568,694	12.5
Approximate land area—do	1,224,063	1,223,989	1,223,989	----
Farms irrigated—number	162,723	222,789	265,147	19.0
Area irrigated—1,000 acres	14,433	19,192	19,548	1.9
Area of irrigated crops harvested—do	(2)	(2)	14,633	----
Area enterprises were capable of supplying with water—1,000 acres	20,285	26,020	26,102	0.3
Area in enterprises [3]—do	32,245	35,891	30,599	----
Proportion irrigated:				
All farms—per cent	9.2	11.6	12.9	----
All land in farms—do	3.5	3.8	3.4	----
Approximate land area—do	1.2	1.6	1.6	----
Excess of area enterprises were capable of supplying with water over area irrigated—1,000 acres	5,852	6,829	6,554	−4.0
Excess of area in enterprises [3] over area irrigated—do	17,812	16,699	11,052	----
Area in enterprises available, or to be available, for settlement—1,000 acres	(4)	2,258	1,682	−25.5
Value of irrigated farms [land, buildings (including dwellings), and implements and machinery]—1,000 dollars	(2)	(2)	4,880,893	----
Average, per acre—dollars	----	----	62.38	----
Value of irrigated crops harvested—1,000 dollars	(2)	(2)	899,943	----
Investment in irrigation enterprises—do	321,454	697,657	1,032,756	48.0
Average per acre, based on area enterprises were capable of supplying with water—dollars	15.85	26.81	39.57	47.6
Estimated final cost of existing enterprises—1,000 dollars	437,949	819,778	1,155,108	40.9
Average per acre, based on area in enterprises [3]—dollars	13.58	22.84	37.75	----
Average annual cost, per acre, for maintenance and operation of irrigation works—dollars	----	2.43	2.77	14.0

[1] A minus sign (−) denotes decrease.
[2] Figures not available.
[3] Total area, 1910 and 1920, irrigable area, 1930.
[4] Not reported.

No. 525.—IRRIGATION: ACREAGE AND INVESTMENT IN ENTERPRISES, BY CHARACTER OF ENTERPRISE, 1920 AND 1930

NOTE.—See headnote, table 524

Item and character	Area irrigated (acres)		Area enterprises were capable of supplying with water (acres)		Area in enterprises (acres) [1]		Investment (thousands of dollars), 1930
	1919	1929	1920	1930	1920	1930	
Total	19,191,716	19,547,544	26,020,477	26,101,890	35,890,821	30,599,470	1,032,756
Individual and partnership	6,848,807	6,410,581	9,255,756	7,982,142	13,008,415	8,969,051	327,807
Cooperative	6,581,400	6,271,384	8,403,298	7,861,081	10,628,543	8,698,800	170,330
Irrigation district	1,822,887	3,452,275	2,531,425	4,846,095	3,432,109	6,013,347	210,733
Carey Act	523,029	86,772	804,298	174,246	1,188,937	192,246	7,566
Commercial	1,822,001	1,230,763	2,799,563	2,160,950	3,999,581	2,619,597	62,352
United States Bureau of Indian Affairs	284,551	331,840	484,486	739,446	932,985	1,122,134	31,577
United States Bureau of Reclamation	1,254,569	1,485,028	1,680,643	1,944,825	2,627,176	2,569,649	193,990
State	5,620	11,489	7,379	13,600	9,581	14,231	1,047
City	40,146	121,218	44,458	146,132	49,650	140,534	15,511
Other	7,236	146,244	8,546	233,373	13,144	259,881	2,783
Not reported	570	----	625	----	700	----	----

[1] Total area, 1920; irrigable area 1930.

Source of tables 524 and 525: Bureau of the Census, Department of Commerce.

No. 526.—IRRIGATION: Area in Irrigation Enterprises, 1910, 1920, and 1930, and Investment and Cost of Maintenance and Operation, 1920 and 1930, by States

State	Area in enterprises (acres) [1]			Area enterprises were capable of supplying with water (acres)		Area irrigated (acres)		
	1910	1920	1930	1920	1930	1909	1919	1929
Total	32,245,464	35,890,821	30,599,470	26,020,477	26,101,890	14,433,285	19,191,716	19,547,544
Arizona	944,090	813,153	1,085,627	627,303	824,152	320,051	467,565	575,590
Arkansas	52,883	246,480	225,992	179,013	209,942	27,753	143,946	151,787
California	5,490,360	7,805,207	8,075,895	5,894,466	6,815,250	2,664,104	4,219,040	4,746,632
Colorado	5,917,457	5,220,583	4,528,251	3,855,343	4,078,712	2,792,032	3,348,385	3,393,619
Idaho	3,549,573	3,780,048	2,814,048	3,092,810	2,617,021	1,430,848	2,488,806	2,181,250
Kansas	101,300	102,502	95,719	67,853	83,583	37,479	47,312	71,290
Louisiana	581,965	851,211	850,401	728,742	795,165	380,200	454,882	450,901
Montana	3,515,602	4,329,148	2,622,423	2,753,498	2,276,000	1,079,084	1,681,729	1,594,912
Nebraska	680,133	766,768	703,039	562,468	703,641	255,950	442,690	532,617
Nevada	1,232,142	1,382,036	983,717	704,708	736,249	701,833	561,447	486,648
New Mexico	1,102,207	961,879	741,245	696,119	656,669	461,718	538,377	527,033
North Dakota	38,173	57,476	24,860	34,235	24,006	10,248	12,072	9,302
Oklahoma	8,528	11,742	7,344	9,672	7,331	4,388	2,969	1,573
Oregon	2,527,208	1,925,987	1,478,128	1,344,046	1,158,210	686,129	986,162	808,713
South Dakota	201,625	188,382	122,510	150,914	109,560	63,248	100,682	67,107
Texas	1,253,173	1,687,447	1,566,876	1,150,542	1,177,415	451,130	586,120	798,917
Utah	1,947,625	2,359,244	1,739,869	1,700,550	1,542,475	999,410	1,371,651	1,324,125
Washington	817,032	836,795	915,379	637,151	631,511	334,378	520,899	499,283
Wyoming	2,224,298	2,564,068	1,958,147	1,831,039	1,655,008	1,133,302	1,207,982	1,236,155

State	Investment				Estimated final cost				Average cost of maintenance and operation per acre (dollars) [2]	
	Amount (thousands of dollars)		Average per acre (dollars)		Amount (thousands of dollars)		Average per acre (dollars)			
	1920	1930	1920	1930	1920	1930	1920	1930	1920	1930
Total	697,657	1,032,756	26.81	38.57	819,778	1,155,108	22.84	37.75	2.43	2.77
Arizona	33,498	73,328	53.40	88.97	34,615	91,914	42.57	84.66	3.27	4.57
Arkansas	7,183	6,837	40.13	32.56	7,284	6,844	29.55	30.28	13.67	7.03
California	194,886	450,968	33.06	66.17	225,790	465,931	28.93	57.69	4.40	6.10
Colorado	88,302	87,603	22.90	21.48	95,108	91,846	18.24	20.28	.87	.85
Idaho	91,501	84,500	29.59	32.29	97,020	101,350	25.67	36.02	1.17	1.44
Kansas	2,067	1,686	30.47	20.17	2,196	1,724	21.41	18.01	3.29	1.53
Louisiana	14,003	15,745	19.30	19.80	14,264	15,771	16.76	18.55	7.01	4.09
Montana	52,143	50,319	18.94	22.11	70,079	58,490	16.19	22.30	1.26	.87
Nebraska	13,909	21,386	24.73	30.39	18,030	21,466	23.51	28.13	1.48	1.54
Nevada	14,754	15,458	20.94	21.00	22,649	18,490	16.39	18.80	.79	.91
New Mexico	18,210	19,834	26.16	30.20	20,441	21,942	21.25	29.60	2.41	2.15
North Dakota	1,857	1,267	54.25	52.79	2,073	1,344	36.06	54.06	5.50	1.97
Oklahoma	151	160	15.65	21.84	163	168	13.86	22.86	2.92	7.62
Oregon	28,929	38,755	21.52	33.46	41,586	60,040	21.59	40.62	1.19	1.41
South Dakota	5,465	4,502	36.21	41.10	5,501	5,174	29.20	42.24	1.26	1.33
Texas	35,073	49,022	30.48	41.64	39,861	59,556	23.62	38.01	6.92	4.74
Utah	32,037	35,670	18.84	23.13	33,836	37,857	14.34	21.76	1.08	1.00
Washington	29,299	40,562	45.98	64.23	37,685	53,232	45.03	58.15	3.45	4.14
Wyoming	34,326	35,153	18.75	21.24	51,500	41,970	20.08	21.43	1.04	.84

[1] Total area, 1910 and 1920, irrigable area, 1930.
[2] When water is pumped, cost of operation includes cost of fuel and attendance.

Source: Bureau of the Census, Department of Commerce.

No. 527.—IRRIGATION: Acreage and Investment in Enterprises, by Drainage Basins, 1920 and 1930

Note.—See headnote, table 524

Drainage basin	Area irrigated (acres)		Area enterprises were capable of supplying with water, 1930 (acres)	Irrigable area in enterprises, 1930 (acres)	Investment (thousands of dollars)	
	1919	1929			1920	1930
Total	19, 191, 716	19, 547, 544	26, 101, 890	30, 599, 470	697, 657	1,032,756
Red River (of the North) tributaries	----------	2, 099	2, 099	2, 400	--------	21
Missouri River and tributaries	4, 147, 278	4, 185, 180	5, 472, 012	6, 231, 873	131, 553	136, 507
Mississippi River and tributaries, exclusive of Missouri River	958, 493	902, 560	1, 170, 583	1, 280, 730	35, 184	31, 832
Gulf streams other than Mississippi River and Rio Grande	698, 077	662, 958	1, 221, 997	1, 536, 404	29, 440	28, 578
Rio Grande and tributaries [1]	1, 204, 502	1, 468, 913	1, 807, 195	2, 068, 439	33, 886	52, 979
Independent streams in Rio Grande Drainage Basin	103, 353	95, 812	107, 586	109, 225	930	769
Colorado River and tributaries	2, 312, 047	2, 537, 124	3, 335, 914	4, 435, 529	86, 697	132, 350
Whitewater Draw and tributaries	5, 871	3, 301	4, 753	5, 570	299	231
Great Basin Drainage	2, 313, 163	2, 069, 986	2, 579, 612	3, 059, 019	66, 589	72, 068
Columbia River and tributaries	3, 873, 245	3, 393, 640	4, 241, 244	4, 992, 131	145, 672	157, 355
Pacific Ocean streams other than Colorado and Columbia Rivers	3, 570, 687	4, 225, 971	6, 158, 895	6, 878, 141	167, 398	420, 066

[1] Not including "Independent streams in Rio Grande Drainage Basin."

No. 528.—IRRIGATION: Acreage, Value, and Average Value Per Acre of All Crops and of Irrigated Crops, 1929

Note.—The data in this table are from schedules of individual farmers and not from the managements of irrigation enterprises. Acreage does not include pasture land

State	Acreage				Value					
	All crops		Irrigated crops		All crops			Irrigated crops		
	Total acres	Per cent of United States total	Total acres	Per cent of irrigation States total	Total (thousands of dollars)	Per cent of United States total	Average value per acre (dollars)	Total (thousands of dollars)	Per cent of irrigation States total	Average value per acre (dollars)
United States	361, 944, 557	100. 0	(1)	--------	8, 077, 812	100. 0	22. 32	(1)	--------	--------
Irrigation States	178, 614, 903	49. 3	14, 633, 252	100. 0	3, 400, 378	42. 1	19. 04	899, 943	100. 0	61. 50
Arizona	500, 342	.1	448, 806	3. 1	32, 367	.4	64. 69	31, 021	3. 4	69. 12
Arkansas	6, 556, 238	1. 8	146, 910	1. 0	210, 182	2. 6	32. 06	6, 083	.7	45. 49
California	6, 023, 727	1. 8	3, 540, 350	24. 2	537, 479	6. 7	81. 14	446, 259	49. 6	126. 05
Colorado	6, 761, 176	1. 9	2, 291, 027	15. 7	124, 702	1. 5	18. 45	82, 357	9. 2	35. 93
Idaho	3, 182, 767	.9	1, 634, 321	11. 2	104, 045	1. 3	32. 69	73, 893	8. 2	45. 21
Kansas	24, 313, 774	6. 7	56, 939	.4	299, 152	3. 7	12. 30	1, 706	.2	29. 96
Louisiana	4, 110, 643	1. 1	400, 375	2. 7	149, 750	1. 9	36. 43	16, 235	1. 8	40. 55
Montana	7, 878, 625	2. 2	1, 343, 035	9. 2	87, 639	1. 1	11. 12	28, 868	3. 2	21. 49
Nebraska	21, 432, 100	5. 9	404, 481	2. 8	299, 127	3. 7	13. 96	15, 545	1. 7	38. 43
Nevada	396, 769	.1	390, 192	2. 7	8, 703	.1	21. 94	8, 473	.9	21. 72
New Mexico	1, 497, 369	.4	371, 209	2. 4	34, 648	.4	23. 14	18, 865	2. 1	50. 81
North Dakota	21, 336, 772	5. 9	10, 651	.1	181, 303	2. 2	8. 50	278	(2)	26. 07
Oklahoma	15, 570, 362	4. 3	2, 109	(2)	245, 561	3. 0	15. 77	100	(2)	47. 53
Oregon	2, 861, 467	.8	637, 967	4. 4	89, 354	1. 1	31. 23	24, 800	2. 8	38. 87
South Dakota	17, 955, 734	5. 0	59, 361	.4	171, 238	2. 1	9. 54	1, 646	.2	27. 72
Texas	30, 766, 089	8. 5	594, 287	4. 0	615, 600	7. 6	20. 01	33, 221	3. 7	55. 90
Utah	1, 200, 154	.3	917, 139	6. 2	35, 260	.4	29. 38	29, 996	3. 3	32. 71
Washington	3, 660, 853	1. 0	405, 027	2. 8	144, 837	1. 8	39. 56	61, 145	6. 8	150. 97
Wyoming	2, 009, 942	.6	978, 106	6. 7	29, 371	.4	14. 61	18, 851	2. 1	19. 27

[1] Data on the relatively small amount of irrigation outside of the 19 irrigation States are not available.
[2] Less than one-tenth of 1 percent.

Source of tables 527 and 528: Bureau of the Census, Department of Commerce.

No. 529.—IRRIGATION: Acreage, Production, and Value of Irrigated Crops Harvested, 1929

Note.—See headnote, table 528

Crop	Acreage	Production			Value (dollars)	
		Unit	Amount	Per acre	Amount	Per acre
Total [1]	14,633,252				899,942,549	61.50
Cereals, total	3,250,629	Bushel	111,801,074	34.4	94,057,264	28.94
Corn harvested for grain	348,563	do	10,925,296	31.3	8,923,428	25.60
Wheat threshed	*1,017,921*	do	27,995,376	27.5	28,640,910	28.14
Oats threshed for grain	382,491	do	14,235,956	37.2	7,021,831	18.36
Barley	665,985	do	22,872,825	34.3	14,570,613	21.88
Rye	12,335	do	213,360	17.3	197,712	16.03
Sorghum for grain	71,371	do	1,910,504	26.8	1,797,785	25.19
Rice (rough)	724,997	do	32,876,049	45.3	32,332,566	44.60
Mixed grains and other cereals	26,966	do	771,699	28.6	572,419	21.23
Other grains and seeds, total	687,843				43,777,658	63.64
Canada and other ripe field peas [2]	101,315	Bushel	1,471,670	14.5	3,237,789	31.96
Navy and other ripe field beans [3]	365,776	do	8,408,492	23.0	33,492,746	91.57
All clover seed	64,138	do	254,837	3.9	1,947,442	30.08
Alfalfa seed	137,754	do	366,988	2.7	4,004,849	29.07
Miscellaneous seeds	18,260				1,094,832	59.96
Hay crops, total	5,758,431	Ton	13,438,922	2.0	169,163,452	25.03
Tame hay	5,456,183	do	12,239,422	2.2	158,216,055	29.00
Alfalfa	4,096,381	do	10,384,668	2.5	136,599,352	33.35
Timothy and (or) timothy and clover mixed	679,914	do	973,565	1.4	11,247,379	16.54
Clover alone	83,502	do	120,410	1.4	1,324,897	15.87
Annual legumes saved for hay [4]	19,333	do	27,929	1.4	275,579	13.88
Small grains cut for hay	219,342	do	318,753	1.5	4,494,860	20.49
Other tame grasses	356,211	do	414,097	1.2	4,274,888	12.00
Wild, salt, and prairie grasses	1,303,248	do	1,199,500	.9	10,946,497	8.40
Silage and miscl. forage crops	88,431	do	514,102	5.8	3,740,885	42.30
Corn cut for fodder	87,764		[5]		[5]	
Vegetables, total	782,274				138,809,727	177.44
Potatoes (Irish or white)	252,805	Bushel	47,007,488	188.3	58,618,017	231.87
Sweetpotatoes and yams	10,634	do	1,124,047	105.7	1,732,489	162.92
Vegetables harvested for sale	518,835				78,459,221	151.22
Sugar crops, total	502,479				42,678,942	84.94
Sugar beets for sugar	501,951	Ton	5,994,174	11.9	42,606,114	84.88
Other sugar crops	528				72,828	137.93
Cotton, including cottonseed	893,745				67,003,012	74.97
Lint cotton	893,745	Bale	624,126	.7	58,657,194	65.63
Cottonseed		Ton	302,895		8,345,818	9.34
Hops	4,811	Pound	9,487,797	1,972.1	1,180,493	245.37
Miscellaneous crops	131,693				372,087	2.83
Land in orchard and subtropical fruits, vineyards, and planted nut trees	1,494,637					
Orchard fruits, total	[6] 43,445,383				111,113,718	[7] 2.56
Apples	[6] 9,054,962	Bushel	37,048,840	[7] 4.1	45,508,713	[7] 5.03
Peaches	[6] 10,758,112	do	14,731,990	[7] 1.4	18,312,004	[7] 1.70
Pears	[6] 5,762,449	do	9,836,530	[7] 1.7	18,371,048	[7] 3.19
Plums and prunes	[6] 10,451,409	do	8,801,389	[7] .8	8,357,856	[7] .80
Cherries	[6] 1,287,486	do	1,098,617	[7] .9	5,090,798	[7] 3.96
Figs	[6] 2,108,826	Pound	114,709,188	[7] 52.9	5,826,709	[7] 2.69
Apricots	[6] 3,853,026	Bushel	5,413,071	[7] 1.4	9,529,657	[7] 2.47
All other orchard fruits	[6] 119,113				116,933	[7] .98
Grapes	[8] 189,819,218	Pound	2,998,861,537	[9] 16.3	37,351,036	[10] .20
Subtropical fruits, total	[6] 20,380,559				172,184,856	[7] 8.45
Oranges	[6] 14,577,568	Box	43,495,133	[7] 3.0	119,738,658	[7] 8.21
Lemons	[6] 2,770,197	do	9,273,473	[7] 3.3	42,974,961	[7] 15.51
Grapefruit	[6] 1,478,498	do	2,701,051	[7] 1.8	6,852,367	[7] 4.63
Olives	[6] 1,148,993	Pound	39,906,000	[7] 34.7	1,636,665	[7] 1.42
All other subtropical fruits	[6] 405,323				983,105	[7] 2.43
Nuts, total	[6] 3,016,984	Pound	74,000,530	[7] 24.5	12,203,911	[7] 4.05
Walnuts (English or Persian)	[6] 1,663,775	do	69,368,209	[7] 41.7	11,101,932	[7] 6.67
All other nuts	[6] 1,353,209	do	4,638,321	[7] 3.4	1,101,979	[7] .81
Small fruits, total	20,348	Quart	38,549,095	1,894.5	6,305,508	309.88
Strawberries	13,505	do	27,023,843	2,001.0	4,482,194	331.89
Raspberries	4,104	do	7,255,658	1,767.9	1,255,188	305.85
All other small fruits	2,739	do	4,269,594	1,558.8	568,126	207.42

[1] Not including acreage of annual legumes saved for hay which is practically all duplicated in "Other grains and seeds," but including value of leguminous hay.
[2] Includes cowpeas.
[3] Includes soy and velvet beans.
[4] Acreage included in totals for "tame hay" and "hay crops" but not in total acreage for all crops.
[5] Not available.
[6] Trees of bearing age.
[7] Average per tree.
[8] Vines of bearing age.
[9] Average production per vine.
[10] Average value per vine.

Source: Bureau of the Census, Department of Commerce.

No. 530.—DRAINAGE: SUMMARY FOR THE UNITED STATES

NOTE.—The statistics for drainage on farms in the first part of this table were collected from the 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 connected with any general enterprise; conversely, a general enterprise may facilitate the ultimate removal of water from a farm which has itself no artificial drainage. 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. The enterprises may include timbered and other unimproved land not yet in farms. The canvass of drainage enterprises did not include any of the northeastern States, and no enterprises were found in Alabama or West Virginia, and in 1919 none also in Virginia

Item	Census of—		Per cent increase 1920–1930[1]
	1920	1930	
FARMS AND DRAINAGE ON FARMS			
All farms—number	6,448,343	6,288,648	—2.5
Farms reporting drainage—do	924,815	651,172	—29.6
All land in farms—1,000 acres	955,884	986,771	3.2
Farm land provided with drainage—do	53,025	44,524	—16.0
AREA, DRAINS, AND INVESTMENT IN ENTERPRISES			
Approximate land area of 35 States reporting organized drainage enterprises[2]—1,000 acres	1,717,932	1,743,700	1.5
Land in drainage enterprises—do	65,495	84,408	28.9
Improved land—do	44,288	63,514	43.4
Unimproved land:			
Woodland—do	11,284	11,310	0.2
Other—do	9,923	9,584	—3.4
Land unfit to raise any crop for lack of drainage—do	[3] 7,224	7,396	2.4
Land drained, fit to raise normal crop—do	[4]	66,234	----------
Land partly drained, fit for partial crop—do	[5] 3,011	10,778	257.9
Land in occupied farms—do	[4]	68,640	----------
Land in planted crops—do	[4]	54,428	----------
Land idle—do	[4]	20,003	----------
Ditches, completed—miles	107,468	138,673	29.0
Tile drains, completed—do	42,312	55,032	30.1
Capital invested in enterprises—1,000 dollars	372,274	680,733	82.9
Average, per acre—dollars	5.68	8.06	41.9

[1] A minus sign (—) denotes decrease.
[2] For States included (34 in 1920 and 35 in 1930) see table 532.
[3] "Swampy, subject to overflow, seeped, or alkali."
[4] Not called for on schedule.
[5] "Suffering a loss of crops from defective drainage."

No. 531.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: BY DATE OF ORGANIZATION AND BY CHARACTER OF ENTERPRISE: 1930

Date of organization	Land	Area of enterprises		Capital invested to Jan. 1, 1930	Character of enterprise	Land in enterprises[1]	Capital	
		Total	Overlapped area				Invested to Jan. 1, 1930	Additional required to complete
All enterprises	*1,000 acres* 84,408	*1,000 acres* 125,495	*1,000 acres* 44,087	*1,000 dollars* 680,733	Total	*1,000 acres* 84,408	*1,000 dollars* 680,733	*1,000 dollars* 8,346
Before 1870	919	1,057	138	1,263	Drainage districts	32,545	357,799	6,781
1870–1879	2,517	3,481	964	11,318	County drains	47,547	287,392	434
1880–1889	6,053	9,549	3,496	28,035	Township drains	194	944	3
1890–1899	5,958	11,265	5,308	32,839	State projects	608	1,449	----------
1900–1904	7,666	12,381	4,715	34,140	Irrigation enterprises	2,645	23,260	2,074
1905–1909	18,328	23,863	5,535	111,612	Commercial developments	72	3,083	25
1910–1914	16,448	22,332	5,883	125,953	Individual ownership	782	6,579	29
1915–1919	15,803	23,422	7,619	190,553	Character not precisely reported	14	227	----------
1920–1924	7,428	12,736	5,308	102,977				
1925–1929	3,288	8,410	5,122	42,012				

[1] Before tabulation the area in each enterprise was reduced by the amount of overlapping with enterprises organized previously.

Source of tables 530 and 531: Bureau of the Census, Department of Commerce.

No. 532.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: BY STATES

Division and State	Land in drainage enterprises		Drainage condition in 1929			Land in occupied farms, 1929		Capital invested in enterprises	
	1919	1929	Land unfit for any crop for lack of drainage	Land drained, fit for normal crop	Land partly drained, fit for partial crop	Total land	Land planted	1919	1929
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*1,000 dollars*	*1,000 dollars*
United States	65,495,038	84,408,093	7,996,078	68,234,390	10,777,625	68,640,109	54,427,577	372,274	680,733
East North Central	31,627,176	33,455,754	1,288,908	29,439,215	2,757,633	32,689,727	26,317,289	134,274	209,880
Ohio	8,107,204	8,165,494	102,290	7,495,881	567,323	8,132,973	6,800,406	30,680	36,836
Indiana	9,087,183	10,214,014	222,269	9,303,527	688,218	10,150,221	8,454,498	31,148	54,111
Illinois	3,909,049	5,032,682	275,800	4,510,111	246,771	5,005,376	4,248,907	43,595	75,049
Michigan	9,729,171	9,180,851	531,454	7,581,151	1,068,246	8,826,205	6,462,936	24,684	37,677
Wisconsin	794,569	892,713	157,093	548,545	187,075	574,892	350,522	4,163	6,207
West North Central	19,217,367	23,690,882	2,412,875	18,440,603	2,837,404	20,212,282	15,799,777	121,662	206,191
Minnesota	9,232,709	11,474,683	2,037,481	7,322,252	2,114,950	8,782,323	5,916,067	42,017	64,140
Iowa	5,224,478	6,137,649	68,371	5,846,118	223,160	6,105,496	5,376,805	49,627	77,479
Missouri	2,596,204	3,150,022	253,251	2,530,697	366,074	2,427,599	2,067,727	20,723	47,340
North Dakota	1,240,328	1,094,142	13,440	1,055,429	25,273	1,094,114	908,979	2,208	3,149
South Dakota	222,062	697,758	26,601	614,210	56,947	684,746	567,285	1,461	4,535
Nebraska	607,730	879,459	10,139	829,681	39,639	864,159	743,178	4,589	6,847
Kansas	93,856	257,169	3,592	242,216	11,361	253,845	219,736	937	2,701
South Atlantic	2,385,384	6,941,716	1,516,966	2,605,877	2,818,873	893,634	587,512	18,847	53,632
Virginia	----------	15,042	----------	13,138	1,904	5,704	4,748	----------	242
North Carolina	542,828	679,286	79,267	438,992	160,977	331,121	207,525	3,628	4,719
South Carolina	140,031	208,249	33,002	139,587	35,660	94,744	61,606	582	1,265
Georgia	65,452	84,255	24,114	46,592	13,549	63,865	37,097	795	1,918
Florida	1,637,073	5,954,934	1,380,583	1,967,568	2,606,783	398,200	216,536	13,847	45,488
East South Central	2,323,595	4,187,681	466,687	3,231,281	469,713	3,021,791	2,334,721	11,524	35,326
Kentucky	358,480	585,625	47,302	428,883	109,440	515,101	320,084	1,522	5,358
Tennessee	363,071	593,560	133,230	367,805	92,525	413,791	212,690	2,926	6,367
Mississippi	1,601,444	2,988,496	286,155	2,434,593	267,748	2,092,899	1,801,947	7,076	23,601
West South Central	7,924,197	11,340,152	1,597,904	8,243,890	1,498,358	7,570,988	5,662,415	26,948	72,572
Arkansas	3,479,591	4,631,155	586,664	3,435,283	609,211	2,940,035	2,425,632	14,147	37,532
Louisiana	2,266,328	3,655,483	786,889	2,486,972	381,622	2,571,531	1,822,620	9,022	20,753
Oklahoma	12,150	170,158	5,734	143,221	21,203	163,936	135,956	76	2,284
Texas	2,166,128	2,883,356	218,617	2,178,417	486,322	1,895,486	1,278,207	5,701	12,003
Mountain	810,976	1,969,770	58,667	1,779,788	130,315	1,728,787	1,504,385	7,840	27,877
Montana	168,682	167,629	6,388	152,871	8,370	150,844	114,266	665	1,879
Idaho	64,642	375,464	13,670	333,204	28,590	362,303	334,546	1,669	5,112
Wyoming	95,474	245,703	9,021	219,762	16,920	188,327	163,015	1,176	5,251
Colorado	171,656	366,719	5,504	313,039	48,176	305,966	274,922	1,082	4,359
New Mexico	140,219	176,292	15,220	144,750	16,322	151,516	137,570	1,711	3,279
Arizona	39,640	318,931	4,125	313,112	1,694	304,802	278,066	414	1,875
Utah	113,823	156,052	5,600	142,941	7,511	109,518	90,368	1,005	4,772
Nevada	15,940	162,980	139	160,109	2,732	155,491	111,512	118	1,350
Pacific	1,207,243	2,812,138	53,073	2,493,736	265,329	2,522,920	2,221,618	49,235	75,255
Washington	94,924	367,242	9,879	329,166	28,197	351,898	309,818	1,398	4,038
Oregon	4,000	211,182	30,575	153,381	27,226	146,576	116,987	200	4,165
California	1,108,319	2,233,714	12,619	2,011,189	209,906	2,024,446	1,794,813	47,637	66,452

Source: Bureau of the Census, Department of Commerce.

25.—FARMS—GENERAL STATISTICS

[Data in this section relate to continental United States]

No. 533.—POPULATION, FARMS, AND FARM PROPERTY

[Figures for 1930 relate to Apr. 1, for 1920 and 1925 to Jan. 1, for 1910 to Apr. 15, and for earlier years to June 1. For number of farms, land in farms, and value of land and buildings for 1935, see tables 534 and 535]

Item	1850	1890	1900	1910	1920	1925	1930
Total population	23,191,876	62,947,714	75,994,575	91,972,266	105,710,620	[1] 114,035,000	122,775,046
Urban		22,298,359	30,380,433	42,166,120	54,304,603	[1] 61,451,000	68,954,823
Rural [2]		40,649,355	45,614,142	49,806,146	51,406,017	[1] 52,584,000	53,820,223
Per cent of total		64.6	60.0	54.2	48.6	46.1	43.8
Farm population [3]					31,614,269	(4)	30,445,350
Per cent of total					29.9	(4)	24.8
Per cent of rural					61.5	(4)	56.6
Number of farms	1,449,073	4,564,641	5,737,372	6,361,502	6,448,343	6,371,640	6,288,648
Acreage in thousands—							
Approximate land area of United States	1,884,376	1,903,338	1,903,462	1,903,290	1,903,215	1,903,217	1,903,217
All land in farms	293,561	623,219	838,592	878,798	955,884	924,319	986,771
Crop land						391,460	413,236
Pasture land						407,959	464,155
Woodland not pastured						67,067	64,624
All other						57,834	44,757
Per cent of total land area represented by all land in farms	15.6	32.7	44.1	46.2	50.2	48.6	51.8
Average acreage per farm, all land	202.6	136.5	146.2	138.1	148.2	145.1	156.9
Value of all farm property (thousands of dollars)	3,967,344	16,082,268	20,439,901	40,991,449	77,923,652	57,017,740	57,245,544
Land and buildings	3,271,575	13,279,253	16,614,647	34,801,126	66,316,003	49,467,047	47,879,338
Land [5]			13,058,008	28,475,674	54,829,563	37,721,018	34,929,845
Buildings			3,556,639	6,325,452	11,486,440	11,746,629	12,949,994
Implements and machinery	151,588	494,247	749,776	1,265,150	3,594,773	2,601,704	3,301,654
Livestock	544,181	2,308,768	3,075,478	4,925,174	8,012,876	4,858,389	[6] 6,064,051
Per cent of value of all farm property represented by—							
Land and buildings	82.5	82.6	81.3	84.9	85.1	86.8	83.6
Land			63.9	69.5	70.4	66.2	61.0
Buildings			17.4	15.4	14.7	20.6	22.6
Implements and machinery	3.8	3.1	3.7	3.1	4.6	4.7	5.8
Livestock	13.7	14.4	15.0	12.0	10.3	8.5	10.6
Average value of all farm property per farm (dollars)	2,738	3,523	3,563	6,444	12,084	8,949	9,103
Land and buildings	2,258	2,909	2,896	5,471	10,284	7,764	7,614
Land			2,276	4,476	8,503	5,920	5,554
Buildings			620	994	1,781	1,844	2,059
Implements and machinery	105	108	131	199	557	422	525
Livestock	376	506	536	774	1,243	763	984
Average value of all farm property per acre (dollars)	13.51	25.31	24.37	46.64	81.52	61.69	58.01
Land and buildings	11.14	21.31	19.81	39.60	69.38	53.52	48.52
Land			15.57	32.40	57.36	40.81	35.40
Buildings			4.24	7.20	12.02	12.71	13.12
Implements and machinery	.52	.79	.89	1.44	3.76	2.91	3.35
Livestock	1.85	3.70	3.67	5.60	8.38	5.26	6.15

[1] Revised estimates as of Jan. 1, 1925.

[2] For definition of urban and rural population, see headnote, table 7, p. 6.

[3] The 1930 farm population comprises all persons living on farms without regard to occupation; the 1920 figures include also those farm laborers (and their families) who, while not living on farms, lived outside the limits of any incorporated place. A further difference is due to the fact that the 1920 census was taken in January, while the 1930 census was taken in April, when the number of persons on farms is appreciably larger. For farm population by States see table 10, p. 8.

[4] Farm population figures were obtained on the farm schedule in the Agricultural Census of 1925, while in 1920 and 1930 they were obtained from the population schedule. Owing to the different method of collecting the information, the 1925 figures are not here presented for comparison with the 1920 and 1930 returns pending a further analysis of the data.

[5] These figures include the value of fences, tile drains, and other incidental improvements on the land, excluding only the value of buildings.

[6] Domestic animals, chickens, and bees.

Source: Bureau of the Census, Department of Commerce.

No. 534.—NUMBER AND ACREAGE OF FARMS:

Division and State	Number of farms					All land in farms (thousands of acres)		
	1910	1920	1925	1930	1935[1]	1910	1920	1925
United States	6,361,502	6,448,343	6,371,640	6,288,648	6,811,999	878,798	955,884	924,319
New England	188,302	156,564	159,489	124,925	158,241	19,715	16,991	15,858
Maine	60,016	48,227	50,033	39,006	41,907	6,297	5,426	5,161
New Hampshire	27,053	20,523	21,065	14,906	17,695	3,249	2,604	2,262
Vermont	32,700	20,075	27,786	24,898	27,061	4,664	4,236	3,926
Massachusetts	36,917	32,001	33,454	25,508	35,094	2,876	2,494	2,368
Rhode Island	5,292	4,083	3,911	3,322	4,327	443	332	309
Connecticut	26,815	22,655	23,240	17,195	32,157	2,186	1,899	1,832
Middle Atlantic	488,379	425,147	418,868	367,603	397,684	43,191	40,573	37,491
New York	215,597	193,195	188,754	159,806	177,025	22,030	20,633	19,270
New Jersey	33,487	29,702	29,671	25,378	29,375	2,574	2,283	1,925
Pennsylvania	219,295	202,250	200,443	172,419	[2] 191,284	18,587	17,658	16,296
East North Central	1,123,489	1,084,744	1,051,572	986,502	1,083,687	117,929	117,735	112,752
Ohio	272,045	256,695	244,703	219,206	[2] 255,146	24,106	23,516	22,219
Indiana	216,485	205,126	195,786	181,570	209,835	21,300	21,063	19,915
Illinois	251,872	237,181	225,601	214,497	[2] 231,312	32,523	31,075	30,732
Michigan	206,960	196,447	192,327	169,372	[2] 196,517	18,941	19,033	18,035
Wisconsin	177,127	189,295	193,155	181,767	[2] 199,877	21,060	22,148	21,851
West North Central	1,109,948	1,096,951	1,111,314	1,112,755	1,179,866	232,648	256,973	248,081
Minnesota	156,137	178,478	188,231	185,255	[2] 203,302	27,676	30,222	30,059
Iowa	217,044	213,439	213,490	214,928	221,986	33,931	33,475	33,281
Missouri	277,244	263,004	260,473	255,040	[2] 278,454	34,591	34,775	32,642
North Dakota	74,360	77,690	75,970	77,975	[2] 84,606	28,427	36,215	34,327
South Dakota	77,644	74,037	79,537	83,157	[2] 83,303	26,017	34,536	32,018
Nebraska	129,678	124,417	127,734	129,458	[2] 133,616	38,622	42,225	42,025
Kansas	177,841	165,286	165,879	166,042	174,589	43,385	45,425	43,729
South Atlantic	1,111,881	1,108,976	1,108,061	1,058,468	1,146,743	103,782	97,775	88,569
Delaware	10,836	10,140	10,257	9,707	10,381	1,039	945	900
Maryland	48,923	47,908	49,001	43,203	44,412	5,057	4,758	4,433
District of Columbia	217	204	139	104	89	6	6	4
Virginia	184,018	186,242	193,723	170,610	[2] 197,242	19,496	18,561	17,210
West Virginia	96,685	87,289	90,380	82,641	104,747	10,026	9,570	8,980
North Carolina	253,725	269,763	283,482	279,708	300,967	22,439	20,022	18,594
South Carolina	176,434	192,693	172,767	157,931	[2] 165,504	13,512	12,427	10,630
Georgia	291,027	310,732	249,095	255,598	250,544	26,953	25,441	21,945
Florida	50,016	54,005	59,217	58,966	72,857	5,254	6,047	5,865
East South Central	1,042,480	1,051,800	1,006,052	1,062,214	1,137,219	81,521	78,897	70,807
Kentucky	259,185	270,926	258,524	246,499	278,298	22,189	21,613	19,913
Tennessee	246,012	252,774	252,669	245,657	273,783	20,042	19,511	17,901
Alabama	262,901	256,099	237,631	257,395	273,455	20,732	19,577	16,739
Mississippi	274,382	272,101	257,228	312,663	[2] 311,683	18,558	18,197	16,053
West South Central	943,186	998,088	1,017,305	1,103,134	1,137,612	169,150	173,449	155,013
Arkansas	214,678	232,804	221,991	242,334	[2] 253,013	17,416	17,457	15,632
Louisiana	120,546	135,463	132,450	161,445	170,216	10,439	10,020	8,338
Oklahoma[3]	190,192	191,988	197,218	203,866	213,325	28,859	31,952	30,869
Texas	417,770	436,033	465,646	495,489	[2] 501,058	112,435	114,021	100,674
Mountain	183,446	244,109	233,392	241,314	271,390	59,533	117,337	131,689
Montana	26,214	57,677	46,904	47,495	[2] 50,562	13,546	35,071	32,736
Idaho	30,807	42,106	40,502	41,674	[2] 45,113	5,284	8,376	8,116
Wyoming	10,987	15,748	15,512	16,011	17,487	8,543	11,809	18,663
Colorado	46,170	59,934	58,020	59,956	[2] 63,644	13,532	24,462	24,167
New Mexico	35,676	29,844	31,687	31,404	41,369	11,270	24,410	27,850
Arizona	9,227	9,975	10,802	14,173	18,824	1,247	5,802	11,065
Utah	21,676	25,662	25,902	27,159	30,695	3,398	5,050	5,001
Nevada	2,089	3,163	3,883	3,442	3,696	2,715	2,357	4,091
Pacific	139,391	234,164	265,587	261,733	299,567	51,329	56,153	54,268
Washington	56,192	66,288	73,207	70,904	84,381	11,712	13,245	12,610
Oregon	45,502	50,206	55,911	55,153	64,826	11,685	13,542	14,131
California	88,197	117,670	136,469	135,676	[2] 150,360	27,931	29,366	27,517

[1] United States total includes preliminary data for 19 States.
[2] Preliminary data.
[3] Figures for 1900 include Indian Territory.

Source: Bureau of the Census, Department of Commerce.

BY STATES, WITH AVERAGES AND PERCENTAGES

All land in farms (thousands of acres)—Continued		Crop land (thousands of acres)		Average acreage per farm				Per cent of total land area in farms				Division and State
1930	1935 [1]	1924	1929	1910	1920	1925	1930	1910	1920	1925	1930	
986,771	1,057,954	391,460	413,236	138.1	148.2	145.1	156.9	46.2	50.2	48.6	51.8	U. S.
14,283	15,466	4,624	4,015	104.4	103.5	99.4	114.3	49.7	42.8	40.0	36.0	N. E.
4,640	4,722	1,044	1,402	104.9	112.5	103.2	119.0	32.9	28.4	27.0	24.3	Me.
1,960	2,116	543	422	120.1	126.9	107.4	131.5	56.2	45.0	39.1	33.9	N. H.
3,896	4,043	1,150	1,128	142.6	145.7	141.3	156.5	79.9	72.5	67.2	66.7	Vt.
2,006	2,196	677	564	77.9	77.9	70.8	78.3	55.9	48.5	46.0	39.0	Mass.
270	308	76	68	83.8	81.2	79.0	84.1	64.9	48.6	45.3	40.9	R. I.
1,502	2,080	534	431	81.5	83.8	78.8	87.4	70.9	61.6	59.4	48.7	Conn.
35,047	36,455	18,645	16,955	92.2	95.4	89.5	93.0	87.5	63.4	58.6	54.8	M. A.
17,980	18,686	9,088	8,154	102.2	106.8	102.1	112.5	72.2	67.7	63.2	59.0	N. Y.
1,758	1,914	1,126	987	76.9	76.8	64.9	69.3	53.5	47.5	40.0	36.6	N. J.
15,309	[2]15,855	8,431	7,814	84.8	87.3	81.3	88.8	64.8	61.5	56.8	53.4	Pa.
110,891	117,027	64,790	63,432	105.0	103.5	107.2	114.7	75.0	74.9	71.7	70.6	E. N. C.
21,514	[2]22,875	11,695	11,209	88.6	91.6	90.8	98.1	92.5	90.2	85.2	82.5	Ohio.
19,689	20,519	11,981	11,722	98.8	102.7	101.7	108.4	92.3	91.3	86.3	85.3	Ind.
30,695	[2]31,668	21,315	21,140	129.1	134.8	136.2	143.1	90.7	89.1	85.7	85.6	Ill.
17,119	[2]18,498	9,671	9,094	91.5	96.9	93.8	101.1	51.5	51.7	49.0	46.5	Mich.
21,874	[2]23,467	10,128	10,207	118.9	117.0	113.1	120.3	59.6	62.6	61.8	61.9	Wis.
265,488	273,156	135,327	150,285	209.6	234.3	223.2	238.6	71.2	78.6	75.9	81.2	W. N. C.
30,913	[2]32,822	18,651	19,491	177.3	169.3	159.7	166.9	53.5	58.4	58.1	59.7	Minn.
34,019	34,359	21,998	22,738	156.3	156.8	155.9	158.3	95.4	94.1	93.6	95.6	Iowa.
33,743	[2]35,084	15,278	15,646	124.8	132.2	125.3	131.8	78.6	79.1	74.2	76.7	Mo.
38,658	[2]39,120	21,864	24,528	382.3	466.1	451.9	495.8	63.3	80.6	76.4	86.1	N. Dak.
36,470	[2]37,108	16,441	19,003	335.1	464.1	402.6	438.6	52.9	70.4	65.1	74.1	S. Dak.
44,709	[2]46,644	20,698	22,344	297.8	330.4	329.0	345.4	78.6	85.9	85.5	91.0	Nebr.
46,976	48,010	23,897	26,535	244.0	274.8	263.6	282.9	82.9	86.8	83.6	89.3	Kans.
86,363	98,833	34,649	34,066	93.3	84.4	79.9	81.6	60.3	56.8	51.4	50.2	S. A.
901	921	519	504	95.9	93.1	87.7	92.8	82.6	75.1	71.5	71.6	Del.
4,374	4,334	2,228	2,129	103.4	99.3	90.5	101.3	79.5	74.8	69.7	68.8	Md.
3	2,801	2	2	27.9	27.8	27.4	29.5	15.8	14.8	9.6	7.7	D. C.
16,720	[2]17,635	5,368	5,050	105.9	99.7	88.8	98.1	75.7	72.0	66.8	64.9	Va.
8,802	9,424	1,921	1,907	103.7	109.6	99.4	106.5	65.2	62.2	58.4	57.3	W. Va.
18,055	19,936	6,857	7,012	88.4	74.2	65.6	64.5	71.9	64.2	59.6	57.9	N. C.
10,393	[2]12,387	5,036	5,037	76.6	64.5	61.6	65.8	69.2	63.7	54.5	53.3	S. C.
22,079	25,297	10,696	10,447	92.6	81.9	88.1	86.4	71.7	67.7	58.4	58.7	Ga.
5,027	6,048	2,022	1,960	105.0	112.0	99.0	85.2	15.0	17.2	16.7	14.3	Fla.
72,818	79,101	28,817	30,247	78.2	75.0	70.2	68.6	71.0	68.7	61.5	63.4	E. S. C.
19,928	20,699	6,827	6,927	85.6	79.9	77.0	80.8	86.3	84.0	77.4	77.5	Ky.
18,003	19,086	7,589	7,666	81.5	77.2	70.8	73.3	75.1	73.1	67.1	67.5	Tenn.
17,555	19,661	7,992	8,199	78.9	76.4	70.4	68.2	63.2	59.7	51.0	53.5	Ala.
17,332	[2]19,655	6,709	7,455	67.6	66.9	62.4	55.4	62.5	61.3	54.1	58.4	Miss.
183,906	201,450	58,809	64,747	179.3	174.1	162.2	166.7	61.5	63.1	60.0	66.9	W. S. C.
16,053	[2]17,752	7,323	7,907	81.1	75.0	70.4	66.2	51.8	51.9	46.5	47.8	Ark.
9,355	10,444	4,279	4,741	86.6	74.0	66.7	57.9	35.9	34.5	30.4	32.2	La.
33,791	35,335	15,838	17,333	151.7	166.4	156.5	165.8	65.0	71.9	69.5	76.1	Okla.
124,707	[2]137,919	29,369	34,766	269.1	261.5	235.5	251.7	67.0	67.9	65.3	74.3	Tex.
157,450	173,910	25,587	30,651	324.5	480.7	564.2	652.5	10.3	21.3	24.0	29.6	Mt.
44,659	[2]47,536	8,474	11,399	516.7	608.1	697.9	940.3	14.5	37.5	35.0	47.8	Mont.
9,347	[2]9,956	3,714	4,073	171.5	198.9	199.9	224.3	9.9	15.7	15.2	17.5	Idaho.
23,525	28,162	1,878	2,203	777.6	749.9	1,203.2	1,469.3	13.7	18.9	29.9	37.7	Wyo.
28,876	[2]29,979	7,199	8,449	203.1	408.1	416.5	481.6	20.4	36.9	36.4	43.5	Colo.
30,822	34,397	1,785	1,799	315.9	817.9	878.9	981.5	14.4	31.1	35.5	39.3	N. Mex
10,527	14,019	578	649	135.1	581.7	1,024.4	742.7	1.7	8.0	15.2	14.5	Ariz.
5,613	6,239	1,425	1,495	156.7	196.8	192.4	206.7	6.5	9.6	9.5	10.7	Utah.
4,081	3,622	534	494	1,009.6	745.2	1,058.5	1,185.6	3.9	3.4	5.8	5.8	Nev.
60,525	62,557	18,712	18,338	270.3	239.3	204.3	231.2	25.2	27.6	26.7	29.7	Pac.
13,534	14,680	6,084	6,275	208.4	199.8	172.1	190.9	27.4	31.0	29.5	31.6	Wash.
16,549	17,358	4,227	4,173	256.8	260.7	252.7	300.1	19.1	22.1	23.1	27.0	Oreg.
30,442	[2]30,519	8,401	8,390	316.7	249.6	201.7	224.4	28.0	29.5	27.6	30.6	Calif.

No. 535.—VALUE OF FARM PROPERTY: ALL PROPERTY, LAND,

[All amounts in

Division and State	Value of all farm property				Value of land and buildings[1]	Value of land		
	1910	1920	1925	1930	1935[1]	1920	1925	1930
United States	40,991,449	77,923,852	57,017,740	57,245,544	32,884,905	54,829,563	37,721,018	34,929,845
New England	867,240	1,173,020	1,091,546	1,156,353	901,271	488,125	413,932	440,972
Maine	199,272	270,527	245,869	248,696	143,539	114,412	97,524	95,621
New Hampshire	103,704	118,656	107,084	99,601	66,937	47,425	37,226	32,179
Vermont	145,400	222,737	180,912	202,839	115,996	82,938	63,865	63,619
Massachusetts	226,474	300,472	293,405	303,837	255,677	127,054	110,437	118,200
Rhode Island	32,991	33,037	33,446	41,111	35,238	14,509	13,543	16,614
Connecticut	159,400	226,992	230,829	260,269	283,884	101,187	91,337	114,739
Middle Atlantic	2,959,589	3,949,684	3,478,718	3,602,634	2,141,555	1,661,676	1,332,457	1,282,272
New York	1,451,481	1,908,483	1,706,930	1,711,762	1,045,392	793,336	646,980	600,085
New Jersey	254,333	311,848	311,084	355,388	234,313	142,182	130,331	152,491
Pennsylvania	1,253,275	1,729,353	1,460,702	1,535,484	[3] 861,850	726,158	555,146	529,696
East North Central	10,119,128	17,245,363	12,592,988	11,116,009	6,801,317	12,046,074	7,969,094	6,169,552
Ohio	1,902,695	3,095,666	2,236,902	2,012,937	[3] 1,278,576	2,015,113	1,299,024	1,032,210
Indiana	1,809,135	3,042,311	1,931,742	1,677,993	1,040,238	2,202,566	1,268,777	958,634
Illinois	3,905,321	6,666,767	4,627,905	3,786,661	[3] 2,208,013	5,250,295	3,426,455	2,555,100
Michigan	1,088,858	1,763,335	1,523,977	1,428,817	[3] 827,138	959,187	764,371	638,023
Wisconsin	1,413,119	2,677,283	2,272,402	2,209,601	[3] 1,247,352	1,618,913	1,209,878	985,585
West North Central	13,535,310	27,991,035	18,879,178	18,146,431	9,390,149	21,340,145	13,303,048	11,643,370
Minnesota	1,476,412	3,787,420	2,761,634	2,608,124	[3] 1,383,138	2,750,328	1,796,600	1,453,960
Iowa	3,745,861	8,524,471	5,602,078	4,992,485	2,462,313	6,679,021	3,969,814	3,186,980
Missouri	2,052,917	3,591,068	2,286,639	2,149,428	[3] 1,100,515	2,594,193	1,562,725	1,305,949
North Dakota	974,814	1,759,743	1,191,037	1,186,659	[3] 707,685	1,279,314	813,722	720,077
South Dakota	1,166,097	2,823,870	1,658,921	1,579,241	[3] 693,323	2,231,432	1,201,015	1,033,288
Nebraska	2,079,819	4,201,656	2,874,478	2,934,898	[3] 1,564,516	3,330,222	2,125,792	2,048,664
Kansas	2,039,390	3,302,806	2,504,340	2,695,595	1,478,659	2,475,635	1,833,379	1,894,452
South Atlantic	2,951,201	6,182,918	4,659,177	4,471,400	2,792,303	4,000,682	2,980,771	2,578,136
Delaware	63,179	80,138	72,798	83,272	51,476	42,116	34,435	35,230
Maryland	286,167	463,638	397,093	425,248	242,714	259,904	207,274	198,454
Dist. of Columbia	8,477	5,928	5,003	7,340	7,183	4,156	3,564	6,140
Virginia	625,065	1,196,556	999,466	992,825	[3] 592,767	756,354	600,676	533,908
West Virginia	314,739	496,440	411,169	411,787	237,644	307,310	251,793	222,764
North Carolina	537,716	1,250,167	1,050,016	965,351	622,719	857,315	686,425	573,758
South Carolina	392,128	953,065	523,084	439,080	[3] 286,967	647,157	347,087	260,135
Georgia	580,546	1,356,685	686,673	683,435	429,755	897,445	433,649	394,892
Florida	143,183	330,302	513,884	402,456	321,078	228,425	415,869	352,855
East South Central	2,182,772	4,419,417	2,898,526	3,227,571	1,915,799	2,916,141	1,827,823	1,875,271
Kentucky	773,798	1,511,901	963,569	1,029,613	620,409	1,050,753	616,214	554,982
Tennessee	612,621	1,251,916	883,046	893,843	555,751	807,782	555,943	515,651
Alabama	370,138	690,849	500,740	611,301	368,220	415,764	308,604	354,039
Mississippi	426,315	964,752	550,571	692,814	[3] 371,419	641,842	347,002	410,599
West South Central	3,838,154	7,622,066	5,696,760	6,863,760	4,038,802	5,408,060	4,176,964	4,815,599
Arkansas	400,089	924,395	628,846	649,877	[3] 376,228	607,773	420,735	407,920
Louisiana	301,221	589,827	385,911	501,826	295,515	383,618	251,738	313,558
Oklahoma[4]	918,199	1,660,424	1,210,135	1,477,741	784,394	1,171,459	879,335	1,031,251
Texas	2,218,645	4,447,420	3,471,867	4,234,316	[3] 2,582,665	3,245,209	2,625,157	3,062,870
Mountain	1,757,573	4,083,138	2,758,216	3,262,155	1,775,226	2,801,712	1,838,980	2,038,198
Montana	347,829	985,961	574,897	708,364	[3] 376,035	691,912	389,514	442,941
Idaho	305,317	716,138	451,885	528,914	[3] 308,187	511,866	309,769	349,256
Wyoming	167,189	334,411	240,396	306,587	166,774	210,947	148,168	174,464
Colorado	491,472	1,076,795	712,285	795,387	[3] 420,558	763,723	493,974	510,955
New Mexico	159,448	325,186	236,301	293,138	170,150	196,341	152,033	180,721
Arizona	75,124	233,593	194,049	243,458	132,650	156,563	126,788	160,854
Utah	150,795	311,275	250,318	289,118	158,303	210,998	159,703	174,341
Nevada	60,399	99,780	98,086	97,189	42,569	59,362	59,031	53,666
Pacific	2,780,492	5,307,011	4,982,634	5,399,231	3,328,483	4,166,948	3,878,038	4,086,475
Washington	637,543	1,057,430	823,438	887,834	550,720	797,651	584,386	608,373
Oregon	528,244	818,560	714,410	755,897	448,712	586,242	505,141	501,947
California	1,614,695	3,431,022	3,424,786	3,755,500	[3] 2,329,051	2,783,055	2,788,511	2,976,155

[1] Schedule for 1935 called for value of land and buildings only. United States total include preliminary data for 19 states.
[2] Domestic animals, chickens, and bees in 1930.
[3] Preliminary data.
[4] Figures for 1900 include Indian Territory.

Source: Bureau of the Census, Department of Commerce.

BUILDINGS, IMPLEMENTS AND MACHINERY, AND LIVESTOCK, BY STATES

thousands of dollars]

Value of buildings			Value of farm operator's dwellings, 1930	Value of implements and machinery			Value of livestock [2]			Division and State
1920	1925	1930		1920	1925	1930	1920	1925	1930	
11,486,440	11,746,629	12,949,994	7,083,536	3,594,773	2,691,704	3,301,654	8,012,876	4,858,389	6,064,051	U. S.
429,343	491,695	499,741	277,132	92,388	82,334	91,881	163,169	103,584	123,759	N. E.
89,697	99,746	93,659	56,541	26,638	24,491	28,383	39,780	24,108	26,034	Me.
42,571	49,407	45,177	25,902	9,499	8,988	8,912	19,161	11,463	13,334	N. H.
76,179	73,406	82,316	42,999	21,234	18,130	20,767	42,385	25,511	36,136	Vt.
119,934	144,166	143,023	78,076	19,360	17,044	18,730	33,524	21,758	23,884	Mass.
11,379	14,377	17,893	9,849	2,409	2,064	2,718	4,840	3,462	3,886	R. I.
89,084	110,594	112,673	63,765	13,248	11,616	12,371	23,473	17,282	20,485	Conn.
1,340,462	1,467,377	1,535,496	800,028	359,152	333,490	355,438	588,394	345,393	429,427	M. A.
631,726	720,145	715,820	366,894	169,867	169,385	173,606	313,555	170,419	222,251	N. Y.
108,141	132,205	146,355	81,667	25,459	23,452	27,076	36,065	25,095	29,466	N. J.
600,594	615,026	673,321	351,467	163,826	140,652	154,759	238,775	149,878	177,710	Pa.
2,891,568	3,054,655	3,167,238	1,601,716	786,077	687,871	626,208	1,521,644	1,001,458	1,153,010	E. N. C.
646,323	646,607	660,821	355,008	146,575	97,893	103,176	287,655	193,378	216,730	Ohio.
451,078	426,964	456,908	246,657	127,403	79,740	86,778	261,264	156,262	175,672	Ind.
747,699	773,004	780,949	386,088	222,620	147,104	160,413	446,154	281,402	290,190	Ill.
477,500	519,191	522,628	270,241	122,390	96,253	105,562	204,259	143,662	162,604	Mich.
568,969	688,889	745,932	343,122	167,089	146,883	170,279	322,312	226,754	307,805	Wis.
3,129,350	3,227,843	3,515,160	1,734,992	1,162,938	818,333	1,091,603	2,358,601	1,531,954	1,896,299	W. N. C.
550,840	597,142	671,134	315,743	181,088	137,966	181,767	305,164	229,977	301,263	Minn.
922,752	984,632	1,037,526	475,398	309,172	227,282	270,516	613,526	420,349	497,463	Iowa.
468,774	440,561	490,297	281,328	138,261	75,955	94,523	389,839	207,398	258,661	Mo.
209,208	206,381	231,149	109,806	114,187	76,631	118,744	157,035	94,303	116,690	N. D.
241,462	236,273	251,865	119,063	112,408	75,411	107,344	238,568	146,222	186,744	S. D.
381,885	398,282	446,539	222,569	153,104	111,799	150,925	336,444	238,605	283,770	Nebr.
354,423	364,572	386,650	211,085	154,717	111,288	167,785	318,025	195,100	246,708	Kans.
1,201,092	1,118,178	1,273,943	828,804	283,981	195,639	202,947	647,163	384,594	416,375	S. A.
22,640	25,241	31,711	17,370	6,781	5,906	7,285	8,601	7,217	9,045	Del.
126,693	134,087	157,716	88,617	28,970	22,885	25,652	48,071	32,846	43,395	Md.
1,421	1,231	1,003	437	104	108	93	240	100	109	D. C.
268,081	286,138	321,942	209,084	50,151	40,021	44,319	121,969	72,631	92,656	Va.
103,474	104,361	119,213	77,776	18,395	15,687	15,268	67,261	39,319	54,544	W.Va.
218,578	239,601	270,364	182,523	54,621	46,437	42,212	119,153	77,554	79,018	N. C.
166,327	110,536	119,055	81,983	48,062	23,105	21,425	91,518	42,357	39,065	S. C.
240,854	153,905	182,447	123,456	63,343	26,986	31,217	155,043	72,133	74,880	Ga.
53,025	63,073	70,492	47,558	13,552	14,504	15,446	35,301	20,439	23,663	Fla.
747,562	653,007	810,093	534,557	176,085	123,550	157,459	579,659	294,147	384,748	E. S. C.
254,406	231,213	270,467	163,758	48,355	30,629	36,547	158,387	85,513	121,618	Ky.
217,198	203,483	227,571	147,879	53,463	40,740	45,758	173,473	83,473	104,862	Tenn.
127,894	106,195	148,332	104,969	34,366	23,851	33,545	112,825	62,031	75,385	Ala.
148,054	112,116	157,723	117,951	39,881	28,323	41,609	134,974	63,129	82,883	Miss.
883,128	782,469	990,552	644,404	311,099	252,886	336,335	1,019,779	484,480	721,275	W. S. C.
145,337	119,992	139,909	94,842	43,432	31,255	33,116	127,853	56,865	68,933	Ark.
90,421	72,940	104,634	72,097	32,715	21,333	28,174	83,073	39,900	55,460	La.
192,406	169,422	211,472	126,457	80,631	58,379	92,858	215,923	102,998	142,160	Okla.
454,965	420,114	534,537	351,008	154,321	141,899	182,187	592,926	284,698	454,722	Tex.
361,479	334,002	420,285	238,756	190,716	129,257	210,944	729,234	455,977	592,728	Mt.
84,855	65,881	84,669	43,226	55,004	30,633	62,070	154,190	88,869	118,684	Mont.
69,646	63,557	76,994	46,544	38,417	26,526	39,749	96,209	52,033	71,915	Idaho.
23,801	24,508	32,388	15,866	11,778	9,172	17,618	87,885	58,548	82,117	Wyo.
102,291	98,481	118,392	64,389	49,805	33,473	50,241	160,977	86,357	115,799	Colo.
25,473	22,884	27,138	15,516	9,745	8,712	12,997	93,626	52,671	72,282	N. M.
15,763	17,226	23,377	14,336	8,821	6,928	10,414	52,447	43,107	48,813	Ariz.
32,754	32,490	46,832	32,290	13,515	10,097	13,636	54,008	48,019	54,258	Utah.
6,893	8,966	10,445	5,589	3,631	3,715	4,219	29,894	26,374	28,860	Nev.
502,489	617,409	737,436	423,147	232,358	190,365	228,339	405,237	276,822	346,430	Pac.
122,741	142,504	165,289	93,476	54,721	41,235	50,512	82,316	55,313	63,659	Wash.
88,971	110,927	128,881	72,628	41,567	35,643	42,586	101,779	62,699	82,483	Oreg.
290,756	363,977	443,316	257,043	136,069	113,488	135,741	221,141	158,810	200,288	Calif.

No. 536.—CLASSIFICATION OF FARM LAND: BY STATES, 1930

NOTE.—For total land in farms, see Table 534

[All figures in thousands of acres]

Division and State	Crop land				Land in pasture				Woodland not pastured	All other land
	Total	Harvested in 1929	Crop failure in 1929	Idle or fallow	Total	Plowable	Woodland	Other		
United States	413,236	359,242	12,707	41,287	464,155	109,160	85,322	269,673	64,624	44,757
New England	*4,015*	*3,659*	*41*	*315*	*6,288*	*964*	*3,147*	*2,155*	*3,253*	*749*
Maine	1,402	1,304	6	91	1,637	259	879	499	1,362	239
New Hampshire	422	380	4	38	933	106	576	250	495	110
Vermont	1,128	1,074	7	48	2,192	274	1,018	900	486	90
Massachusetts	564	474	10	80	753	162	345	247	518	170
Rhode Island	68	55	2	11	100	35	38	27	84	27
Connecticut	431	372	12	47	651	128	291	232	308	113
Middle Atlantic	*16,955*	*14,324*	*336*	*2,296*	*12,216*	*4,353*	*3,334*	*4,529*	*3,943*	*1,933*
New York	8,154	6,959	169	1,026	7,300	2,376	1,949	2,975	1,685	840
New Jersey	987	777	20	191	340	198	47	95	232	199
Pennsylvania	7,814	6,588	147	1,079	4,576	1,779	1,338	1,459	2,026	894
East North Central	*63,432*	*56,644*	*1,595*	*5,193*	*36,316*	*14,628*	*12,548*	*9,140*	*4,527*	*6,616*
Ohio	11,269	10,116	227	927	8,038	3,762	1,854	2,421	920	1,287
Indiana	11,722	10,214	348	1,161	5,956	2,810	1,834	1,312	785	1,224
Illinois	21,140	18,958	701	1,480	7,607	4,092	2,010	1,506	732	1,217
Michigan	9,094	7,738	197	1,159	5,892	2,064	2,410	1,418	825	1,308
Wisconsin	10,207	9,618	122	466	8,823	1,900	4,440	2,483	1,265	1,580
West North Central	*150,295*	*138,716*	*4,958*	*7,511*	*98,314*	*34,406*	*13,261*	*50,647*	*4,498*	*12,491*
Minnesota	19,491	18,445	255	790	8,248	2,249	3,656	2,342	1,090	2,085
Iowa	22,738	22,276	232	231	9,509	4,982	1,989	2,538	245	1,528
Missouri	15,646	13,176	806	1,665	14,297	7,018	5,282	2,017	2,438	1,361
North Dakota	24,528	21,255	854	2,419	10,756	3,183	400	7,176	158	3,213
South Dakota	19,003	17,359	583	563	15,917	5,707	395	9,815	96	1,455
Nebraska	22,344	21,399	360	584	20,798	4,160	798	15,840	143	1,424
Kansas	26,535	24,309	968	1,259	15,687	7,107	781	10,799	328	1,425
South Atlantic	*34,080*	*27,520*	*568*	*5,979*	*21,794*	*7,786*	*9,087*	*4,942*	*24,668*	*5,834*
Delaware	504	408	9	88	122	83	16	24	188	86
Maryland	2,129	1,742	18	370	959	539	205	215	1,008	279
Dist. of Columbia	2	2	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
Virginia	5,059	3,975	80	1,002	5,593	2,925	1,528	1,140	5,167	910
West Virginia	1,907	1,655	25	227	4,511	1,718	1,121	1,672	2,008	376
North Carolina	7,012	5,810	129	1,074	2,845	888	1,424	534	6,902	1,295
South Carolina	5,037	4,137	97	803	1,793	351	1,052	390	2,851	712
Georgia	10,447	8,337	164	1,946	4,652	980	2,880	791	5,493	1,488
Florida	1,969	1,454	46	469	1,319	302	841	176	1,051	888
East South Central	*30,247*	*25,148*	*600*	*4,499*	*22,737*	*10,845*	*8,076*	*3,816*	*14,844*	*4,990*
Kentucky	6,927	5,331	150	1,446	8,120	5,395	1,403	1,322	3,394	1,487
Tennessee	7,666	6,106	146	1,414	5,168	2,751	1,528	888	3,885	1,285
Alabama	8,199	7,114	157	928	4,105	1,204	2,201	611	4,195	1,055
Mississippi	7,455	6,597	147	711	5,344	1,495	2,854	995	3,370	1,163
West South Central	*64,747*	*56,837*	*2,863*	*5,046*	*107,609*	*16,491*	*20,997*	*70,121*	*6,854*	*4,696*
Arkansas	7,907	6,582	232	1,093	3,792	1,170	2,064	558	3,379	974
Louisiana	4,741	4,068	130	543	2,235	916	917	402	1,742	638
Oklahoma	17,333	15,553	698	1,082	14,640	3,249	3,567	7,824	493	1,326
Texas	34,766	30,634	1,803	2,328	86,942	11,156	14,449	61,337	1,240	1,758
Mountain	*30,651*	*23,279*	*2,063*	*5,309*	*121,392*	*15,217*	*6,839*	*99,336*	*591*	*4,817*
Montana	11,399	7,841	789	2,769	31,676	4,695	1,642	25,340	178	1,406
Idaho	4,073	3,150	87	836	4,392	379	736	3,276	124	758
Wyoming	2,293	2,008	96	189	20,837	2,322	468	18,047	48	348
Colorado	8,449	6,750	858	840	19,338	4,215	1,411	13,713	131	958
New Mexico	1,790	1,494	98	207	28,494	3,198	1,752	23,544	66	463
Arizona	649	478	35	135	9,682	102	597	8,983	20	176
Utah	1,495	1,160	48	288	3,662	228	177	3,257	*14*	*442*
Nevada	494	398	52	45	3,311	78	56	3,176	10	266
Pacific	*18,838*	*13,115*	*583*	*5,139*	*37,611*	*4,470*	*8,053*	*25,087*	*1,446*	*2,631*
Washington	6,275	3,659	178	2,438	6,241	578	1,488	4,175	386	631
Oregon	4,173	2,906	111	1,155	11,379	817	2,619	7,942	503	495
California	8,390	6,550	294	1,546	19,991	3,075	3,946	12,970	557	1,505

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

No. 537.—AVERAGE VALUES PER FARM AND PER ACRE: BY STATES

Division and State	Average value per farm (dollars)							Average value of land per acre (dollars)			
	All farm property				Land and buildings						
	1910	1920	1925	1930	1920	1925	1930	1910	1920	1925	1930
United States	6,444	12,084	8,949	9,103	10,284	7,764	7,614	32.40	57.36	40.81	35.40
New England	4,593	7,492	6,844	9,256	5,860	5,678	7,530	19.33	28.73	26.10	30.87
Maine	3,320	5,600	4,914	6,376	4,232	3,943	4,981	13.73	21.09	18.89	20.61
New Hampshire	3,833	5,782	5,084	6,652	4,385	4,113	5,190	13.70	18.21	16.46	16.42
Vermont	4,445	7,661	6,511	8,147	5,473	4,940	5,861	12.52	19.58	16.27	16.33
Massachusetts	6,135	9,389	8,770	11,870	7,737	7,611	10,205	36.69	51.17	46.64	58.94
Rhode Island	6,234	8,238	8,552	12,376	6,463	7,139	10,388	33.86	43.75	43.83	59.47
Connecticut	5,944	10,019	9,932	15,136	8,399	8,689	13,226	33.03	53.28	49.85	76.38
Middle Atlantic	6,319	9,290	8,305	10,074	7,061	6,634	7,880	33.86	40.96	35.54	36.59
New York	6,732	9,879	9,043	10,712	7,376	7,243	8,234	32.13	38.45	33.57	33.38
New Jersey	7,610	10,499	10,484	14,004	8,428	8,848	11,770	48.23	62.29	67.72	86.74
Pennsylvania	5,715	8,551	7,287	8,906	6,560	5,838	6,977	33.92	41.12	34.07	34.60
East North Central	9,007	15,898	11,975	11,501	13,771	10,483	9,880	61.32	102.31	70.68	55.64
Ohio	6,994	12,060	9,141	9,179	10,368	7,951	7,720	53.34	85.69	58.46	47.98
Indiana	8,396	14,831	9,867	9,242	12,037	8,661	7,796	62.36	104.57	63.71	48.69
Illinois	15,505	28,108	20,514	17,654	25,289	18,615	15,553	95.02	164.20	111.49	83.24
Michigan	5,261	8,976	7,924	8,436	7,313	6,676	6,553	32.48	50.40	42.41	37.27
Wisconsin	7,978	14,143	11,765	12,156	11,558	9,830	9,526	43.30	73.09	55.37	45.06
West North Central	12,195	25,517	16,988	16,308	22,307	14,876	13,623	43.21	83.04	53.62	43.86
Minnesota	9,456	21,221	14,672	14,079	18,496	12,717	11,471	36.82	91.00	59.77	47.03
Iowa	17,259	39,939	26,240	23,229	35,616	23,207	19,655	82.58	199.52	119.28	93.68
Missouri	7,405	13,654	8,779	8,398	11,646	7,691	7,018	41.80	74.60	47.87	38.70
North Dakota	13,109	22,651	15,678	15,218	19,160	13,428	12,199	25.69	35.33	23.70	18.63
South Dakota	15,018	37,835	20,857	18,991	33,132	18,071	15,455	34.69	64.42	37.51	28.33
Nebraska	16,038	33,771	22,504	22,671	29,830	19,760	19,274	41.80	78.87	50.58	45.82
Kansas	11,467	19,982	15,097	16,234	17,122	13,250	13,738	35.45	54.50	41.93	40.33
South Atlantic	2,654	5,292	4,205	4,224	4,488	3,699	3,639	18.15	40.92	33.65	29.35
Delaware	5,830	7,903	7,097	8,579	6,386	5,818	6,896	33.63	44.59	38.28	39.11
Maryland	5,849	9,678	8,104	9,843	8,070	6,966	8,244	32.32	54.62	46.75	45.37
District of Columbia	39,062	29,059	35,992	70,633	27,340	34,500	68,990	1,186.53	733.27	934.71	1,999.57
Virginia	3,397	6,425	5,159	5,819	5,501	4,578	5,016	20.24	40.75	34.90	31.92
West Virginia	3,255	5,687	4,549	4,983	4,706	3,941	4,138	20.65	32.11	28.04	25.31
North Carolina	2,119	4,634	3,704	3,451	3,990	3,267	3,018	15.29	42.84	36.92	31.78
South Carolina	2,223	4,946	3,028	2,784	4,222	2,649	2,401	19.89	52.08	32.62	25.03
Georgia	1,995	4,366	2,757	2,674	3,663	2,359	2,259	13.74	35.28	19.76	17.89
Florida	2,863	6,116	8,678	7,843	5,212	8,088	7,179	17.84	37.78	70.91	70.20
East South Central	2,094	4,203	2,881	3,039	3,484	2,486	2,523	16.28	38.06	25.89	25.75
Kentucky	2,986	5,587	3,727	4,177	4,823	3,278	3,535	21.83	48.62	30.95	29.86
Tennessee	2,490	4,953	3,497	3,639	4,055	3,006	3,025	18.53	41.40	31.06	28.64
Alabama	1,408	2,698	2,107	2,375	2,123	1,746	1,952	10.46	21.24	18.44	20.17
Mississippi	1,554	3,546	2,140	2,216	2,903	1,785	1,818	13.09	35.27	21.62	23.69
West South Central	4,069	7,652	5,600	6,222	6,316	4,875	5,283	18.06	31.18	25.31	28.19
Arkansas	1,804	3,974	2,833	2,882	3,238	2,436	2,261	14.13	34.82	26.91	25.41
Louisiana	2,409	4,354	2,914	3,108	3,499	2,451	2,590	17.99	38.29	28.49	33.52
Oklahoma	4,828	8,649	6,136	7,249	7,104	5,318	6,096	22.49	36.66	28.49	30.52
Texas	5,311	10,200	7,456	8,546	8,486	6,540	7,260	14.53	28.46	23.94	24.56
Mountain	9,561	18,727	11,818	13,518	12,958	9,310	10,188	19.73	23.88	13.96	12.95
Montana	13,269	17,095	12,257	14,914	13,468	9,709	11,109	16.74	19.73	11.90	9.92
Idaho	9,911	17,008	11,132	12,692	13,811	9,197	10,012	41.63	61.11	38.17	36.40
Wyoming	15,217	21,235	15,497	19,149	14,907	11,132	12,919	10.41	17.86	7.94	7.42
Colorado	10,645	17,966	12,277	13,266	14,449	10,211	10,497	26.81	31.22	20.44	17.69
New Mexico	4,469	10,896	7,457	9,334	7,432	5,520	6,619	8.77	8.04	5.46	5.86
Arizona	8,142	23,418	17,964	17,178	17,276	13,332	12,999	33.97	26.98	11.46	15.28
Utah	6,957	12,130	9,631	10,645	9,499	7,395	8,145	29.28	41.78	31.94	31.06
Nevada	22,462	31,546	25,260	28,236	20,947	17,512	18,626	12.99	25.18	14.43	13.15
Pacific	14,643	22,664	18,686	20,629	19,941	16,926	18,431	43.76	74.21	71.47	67.52
Washington	11,346	15,952	11,239	12,522	13,885	9,921	10,911	44.18	60.22	45.34	44.95
Oregon	11,609	16,304	12,778	13,705	13,449	11,019	11,438	35.23	43.29	35.75	30.33
California	18,308	29,158	25,107	27,680	26,122	23,111	25,203	47.16	94.77	101.34	97.76

Source: Bureau of the Census, Department of Commerce.

No. 538.—NUMBER OF FARMS: BY SIZE AND BY STATES

Division and State	Total	Under 20 acres	20 to 49 acres	50 to 99 acres	100 to 174 acres	175 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
United States:									
1900	5,737,372	673,870	1,257,496	1,366,038	1,422,262	490,069	377,951	102,526	47,160
1910	6,361,502	839,166	1,414,376	1,438,089	1,516,286	534,191	443,984	125,295	50,135
1920	6,448,343	796,535	1,503,732	1,474,745	1,449,630	530,800	475,677	149,819	67,405
1925	6,371,640	905,584	1,450,643	1,421,078	1,383,777	503,417	438,961	143,852	63,328
1930	6,288,648	918,121	1,440,388	1,374,965	1,342,927	520,583	451,338	159,698	80,620
New England	124,925	19,977	20,284	28,740	30,656	13,774	8,329	1,773	392
Maine	39,006	3,507	5,211	11,227	11,640	4,544	2,331	454	92
New Hampshire	14,906	1,870	2,314	3,584	3,670	1,803	1,221	354	90
Vermont	24,898	2,697	2,268	4,129	7,396	4,535	3,195	590	88
Massachusetts	25,598	7,539	5,869	5,491	3,982	1,505	877	211	74
Rhode Island	3,322	850	729	817	572	193	118	32	11
Connecticut	17,195	3,464	3,893	4,492	*3,396*	*1,194*	*587*	*132*	*37*
Middle Atlantic	357,803	53,337	56,335	100,639	98,813	32,186	13,744	1,668	333
New York	159,806	19,428	21,331	41,529	47,966	19,095	9,093	995	169
New Jersey	25,378	7,587	5,425	5,732	4,946	1,156	425	72	35
Pennsylvania	172,419	26,322	29,929	53,378	45,901	11,935	4,226	599	129
East North Central	986,502	82,339	135,906	280,162	301,247	109,222	51,631	5,301	682
Ohio	219,296	24,909	33,734	71,160	63,920	17,790	6,888	791	104
Indiana	181,570	19,603	27,866	52,199	53,155	18,731	8,949	953	114
Illinois	214,497	16,339	21,654	41,673	72,347	33,124	21,604	2,061	190
Michigan	169,372	12,235	32,184	57,749	47,723	13,403	5,275	636	167
Wisconsin	181,767	8,753	20,470	57,376	64,102	21,174	8,915	860	117
West North Central	1,112,755	65,160	82,749	159,211	337,884	174,206	202,614	66,644	22,287
Minnesota	185,255	8,163	14,966	33,150	66,698	33,094	25,881	3,100	233
Iowa	214,928	15,522	12,178	32,209	84,722	42,615	25,546	2,002	134
Missouri	*255,940*	*22,103*	*30,787*	*60,119*	74,138	33,792	21,658	3,760	583
North Dakota	77,975	709	826	1,351	9,641	5,505	33,450	21,066	5,433
South Dakota	83,157	1,626	1,537	3,038	18,034	10,739	29,559	13,401	5,223
Nebraska	129,458	6,039	4,101	10,118	41,731	23,010	28,135	10,260	5,974
Kansas	166,042	11,004	9,264	19,226	42,920	25,481	38,385	*15,055*	4,707
South Atlantic	1,068,468	182,383	345,867	262,862	157,143	54,079	33,470	9,615	3,069
Delaware	9,707	1,319	2,062	2,815	2,305	776	371	51	8
Maryland	43,203	8,425	7,835	9,521	10,341	4,370	2,252	389	70
Dist. of Columbia	104	66	30	3	1	2	1	1	
Virginia	170,610	33,558	41,361	40,242	31,258	12,443	8,600	2,483	665
West Virginia	82,641	11,364	16,755	23,990	18,049	6,865	4,169	1,113	336
North Carolina	279,708	57,803	97,502	72,673	35,082	9,604	4,930	1,121	303
South Carolina	137,931	35,916	63,297	33,318	15,448	4,919	3,408	1,107	458
Georgia	255,598	26,049	97,150	60,751	37,853	12,976	8,180	2,722	917
Florida	58,966	17,773	19,875	10,549	6,206	2,124	1,559	608	312
East South Central	1,062,214	229,788	381,738	234,998	140,103	43,313	24,568	5,895	1,816
Kentucky	246,499	50,604	56,673	67,210	47,908	14,870	7,437	1,407	300
Tennessee	245,057	46,585	77,665	63,382	38,183	11,925	6,344	1,312	261
Alabama	257,395	33,755	115,123	59,317	27,889	8,385	5,269	1,527	640
Mississippi	312,663	93,754	132,277	44,584	26,123	8,133	5,528	1,649	615
West South Central	1,103,134	153,202	326,965	244,315	212,422	88,182	61,435	21,391	14,722
Arkansas	242,334	48,680	98,162	49,921	30,492	8,665	4,985	1,091	338
Louisiana	*161,445*	*46,248*	*75,082*	*22,550*	10,379	3,026	2,511	979	670
Oklahoma	203,866	12,172	33,055	48,362	64,685	17,565	20,704	5,490	1,833
Texas	495,489	46,102	120,666	123,482	106,866	38,926	33,235	14,331	11,881
Mountain	241,314	34,966	27,638	28,319	36,631	14,220	39,517	33,503	26,520
Montana	47,495	1,610	1,477	2,161	5,551	2,496	11,432	12,267	10,501
Idaho	41,674	4,618	7,091	9,010	8,547	3,377	5,084	2,702	1,245
Wyoming	*16,011*	*477*	*486*	*1,039*	*2,194*	*969*	*2,966*	*3,795*	*4,085*
Colorado	50,956	7,452	4,728	5,990	10,499	3,952	13,100	8,982	5,258
New Mexico	31,404	8,389	4,211	2,524	3,472	1,138	4,008	3,726	3,436
Arizona	*14,173*	*4,930*	*2,872*	*1,822*	*1,984*	*442*	*724*	*681*	*718*
Utah	27,159	6,617	6,268	5,235	3,805	1,617	1,794	1,030	793
Nevada	3,442	373	505	538	579	229	409	320	489
Pacific	261,733	86,989	62,354	34,724	28,028	11,411	16,030	11,408	10,789
Washington	70,904	23,394	16,833	9,414	7,774	2,768	4,464	3,518	2,739
Oregon	55,153	12,696	10,573	8,932	8,893	3,607	4,597	3,029	2,996
California	135,676	50,929	34,948	16,378	11,361	4,976	6,969	4,861	5,054

Source: Bureau of the Census, Department of Commerce.

No. 539.—NUMBER AND ACREAGE OF FARMS: By Size, for Each Division

Note.—For totals for United States see tables 538 and 541

Items, year, and division	Total	Under 20 acres	20 to 49 acres	50 to 99 acres	100 to 174 acres	175 to 499 acres	500 to 999 acres	1,000 acres and over
	Number of farms							
New England:								
1900	191,888	28,018	33,805	49,389	48,039	30,007	2,133	497
1920	156,504	25,886	27,117	38,036	37,993	25,173	1,916	443
1925	159,489	30,385	29,271	38,368	36,709	22,744	1,544	378
1930	124,925	19,977	20,284	29,740	30,656	22,103	1,773	392
Middle Atlantic:								
1900	485,618	75,165	84,330	142,341	129,501	51,815	1,907	559
1920	425,147	65,725	70,492	120,323	116,009	50,437	1,736	425
1925	418,868	74,437	71,373	117,598	108,546	45,213	1,413	288
1930	357,603	53,337	56,885	100,639	98,813	45,930	1,666	333
East North Central:								
1900	1,135,823	100,071	230,411	350,291	301,629	146,901	5,569	951
1920	1,084,744	90,703	172,052	335,439	325,390	155,480	4,912	759
1925	1,051,572	96,958	168,002	319,425	311,568	150,504	4,472	643
1930	966,502	82,339	135,908	280,162	301,247	160,853	5,301	692
West North Central:								
1900	1,060,744	47,650	110,718	212,600	354,794	288,187	36,186	10,609
1920	1,096,951	46,093	81,820	170,896	351,003	396,438	60,561	20,140
1925	1,111,314	59,990	89,827	170,617	351,199	363,535	58,840	17,306
1930	1,112,755	65,160	82,749	159,211	337,884	376,320	68,644	22,287
South Atlantic:								
1900	962,225	147,165	205,623	216,522	181,290	128,541	17,191	5,893
1920	1,158,976	187,326	401,259	280,114	175,311	99,833	11,269	3,864
1925	1,108,061	233,729	354,421	255,430	160,805	90,252	10,076	3,330
1930	1,058,468	192,363	345,857	262,862	157,143	87,549	9,615	3,069
East South Central:								
1900	903,313	153,359	280,010	204,914	159,531	92,783	9,777	2,939
1920	1,051,600	203,187	373,138	235,444	152,992	77,078	7,245	2,516
1925	1,006,052	224,494	346,230	222,577	138,159	66,571	6,077	1,944
1930	1,062,214	229,788	381,738	234,993	140,103	67,881	5,895	1,816
West South Central:								
1900	754,853	84,808	218,481	161,611	178,015	82,662	15,047	14,139
1920	996,088	97,878	296,729	235,213	212,167	120,429	19,717	13,955
1925	1,017,305	135,318	297,911	235,016	205,986	112,675	18,063	12,336
1930	1,103,134	153,202	326,965	244,315	212,422	129,617	21,891	14,722
Mountain:								
1900	101,327	16,366	12,685	11,243	33,963	17,553	4,032	4,535
1920	244,109	22,071	25,392	20,806	45,855	77,982	30,005	15,908
1925	233,392	26,678	26,892	27,522	40,306	62,076	31,877	18,041
1930	241,314	34,966	27,638	28,319	36,631	53,737	33,503	26,520
Pacific:								
1900	141,581	21,178	21,433	17,127	35,500	20,571	9,784	6,988
1920	234,164	57,666	55,733	32,384	32,910	33,618	12,458	9,395
1925	265,587	84,595	66,716	34,516	30,409	28,808	11,490	9,053
1930	261,733	86,989	62,354	34,724	28,028	27,441	11,408	10,789
	Acreage in farms (thousands of acres)							
All land in farms, 1930:								
New England	14,283	183	672	2,112	3,933	5,650	1,099	634
Middle Atlantic	35,047	500	1,907	7,204	12,600	11,157	1,037	582
East North Central	110,891	768	4,791	21,138	39,959	39,812	3,274	1,169
West North Central	265,488	553	2,882	12,195	48,428	109,191	46,959	45,280
South Atlantic	86,363	2,116	11,040	17,922	19,756	22,663	6,232	6,634
East South Central	72,818	2,772	11,738	16,259	17,761	17,233	3,812	3,243
West South Central	183,906	1,828	10,360	17,195	28,611	35,483	14,719	75,710
Mountain	157,450	267	923	2,106	5,320	17,409	23,852	107,573
Pacific	60,525	711	1,938	2,494	3,866	8,189	7,940	35,387
Crop land harvested, 1929:								
New England	3,659	87	243	661	1,117	1,323	173	55
Middle Atlantic	14,324	260	966	3,534	5,466	3,775	238	85
East North Central	56,044	321	2,206	10,786	20,937	20,705	1,379	310
West North Central	138,716	239	1,358	6,425	29,117	65,300	24,029	12,248
South Atlantic	27,520	1,411	6,580	7,278	5,711	4,911	997	632
East South Central	25,148	2,109	7,592	6,260	4,731	3,517	579	360
West South Central	56,837	1,451	7,574	9,882	14,442	15,354	4,748	3,386
Mountain	23,279	172	564	1,202	2,266	5,935	5,706	7,434
Pacific	13,115	440	1,119	1,196	1,368	2,614	2,142	4,236

Source: Bureau of the Census, Department of Commerce.

No. 540.—NUMBER OF FARMS: BY SIZE AND BY TENURE AND COLOR OF OPERATOR

NOTE.—"White" includes Mexicans and Hindus. "Colored" includes, Negroes, Indians, Chinese, Japanese, and all other nonwhite races

Size of farm, tenure, and color	1890	1900	1910	1920	1925	1930
BY SIZE						
Number, total	4,564,641	5,737,372	6,361,502	6,448,343	6,371,640	6,288,648
Under 10 acres	150,194	267,229	335,043	288,772	378,535	358,504
10 to 19 acres	265,550	400,641	504,123	507,763	588,049	559,617
20 to 49 acres	902,777	1,257,490	1,414,375	1,503,732	1,450,643	1,440,388
50 to 99 acres	1,121,485	1,366,038	1,438,009	1,474,745	1,421,078	1,374,965
100 to 499 acres	2,008,694	2,200,282	2,404,461	2,456,107	2,326,155	2,314,858
100 to 174 acres		1,422,262	1,516,286	1,449,630	1,383,777	1,342,927
175 to 259 acres		*490,069*	*534,191*	*530,800*	*503,417*	*520,503*
260 to 499 acres		377,951	443,984	475,677	438,961	451,338
500 to 999 acres	84,395	102,526	125,295	149,819	143,852	159,698
1,000 acres and over	31,546	47,160	50,135	67,405	63,328	80,620
Per cent distribution, total	100.0	100.0	100.0	100.0	100.0	100.0
Under 10 acres	3.3	4.7	5.3	4.5	5.9	5.7
10 to 19 acres	5.8	7.1	7.9	7.9	9.2	8.9
20 to 49 acres	19.8	21.9	22.2	23.3	22.8	22.9
50 to 99 acres	24.6	23.8	22.6	22.9	22.3	21.9
100 to 499 acres	44.0	38.9	38.2	38.1	36.5	36.8
100 to 174 acres		24.8	23.8	22.5	21.7	21.3
175 to 259 acres		8.5	8.4	8.2	7.9	8.3
260 to 499 acres		6.6	7.0	7.4	6.9	7.2
500 to 999 acres	1.8	1.8	2.0	2.3	2.3	2.5
1,000 acres and over	.7	.8	.8	1.0	1.0	1.3
BY TENURE						
Owners and managers, total	3,269,728	3,712,408	4,008,828	3,993,539	3,909,032	3,824,283
Owners		3,653,323	3,948,722	3,925,090	3,868,332	3,568,394
Owning entire farm		3,201,947	3,354,897	3,366,510	3,313,490	2,911,644
Hiring additional land		451,376	593,825	558,580	554,842	656,750
Managers		59,085	58,104	68,449	40,700	55,889
Tenants, total	1,294,913	2,024,964	2,354,676	2,454,804	2,462,608	2,464,365
Cash tenants[1]			712,294	480,009	393,452	489,210
Northern and Western States					*210,338*	251,178
Number related to landlord					56,085	67,155
Other tenants[1]			1,642,382	1,974,795	2,069,156	2,175,155
Northern and Western States					650,471	622,404
Number related to landlord					189,373	178,024
Per cent distribution, total	100.0	100.0	100.0	100.0	100.0	100.0
Owners	71.0	63.7	62.1	60.9	60.7	56.7
Managers		1.0	.9	1.1	.6	.9
Tenants	28.4	35.3	37.0	38.1	38.6	42.4
BY COLOR AND TENURE OF FARMER						
White farmers, total		4,969,608	5,440,619	5,498,454	[2] 5,540,185	5,372,578
Owners, total		3,446,806	3,707,501	3,691,868	3,673,792	3,365,674
Owning entire farm		3,025,931	3,159,088	3,174,109	3,153,839	2,752,787
Hiring additional land		420,875	548,413	517,759	519,953	612,887
Managers		57,261	56,560	66,223	40,033	52,767
Tenants, total		*1,465,541*	*1,676,558*	*1,740,363*	*1,826,360*	*1,954,137*
Cash tenants[1]			447,851	373,835	314,692	387,834
Other tenants[1]			1,228,707	1,366,528	1,511,668	1,566,303
Colored farmers, total		767,764	920,883	949,889	[3] 831,455	916,070
Owners, total		206,517	241,221	233,222	194,540	202,720
Owning entire farm		176,016	195,809	192,401	159,651	158,857
Hiring additional land		30,501	45,412	40,821	34,889	43,863
Managers		1,824	1,544	2,226	667	3,122
Tenants, total		559,423	678,118	714,441	636,248	710,228
Cash tenants[1]			264,443	106,174	78,760	101,376
Other tenants[1]			413,675	608,267	557,488	608,852
COLORED FARMERS, BY RACE						
Total		767,764	920,883	949,889	[3] 831,455	[4] 916,070
Negroes		746,715	893,370	925,708	[5]	882,850
Indians		19,910	24,251	16,680	[5]	26,817
Japanese		39	2,502	6,892	[5]	5,840
Chinese		1,100	760	609	[5]	476

[1] Standing renters included with "Cash tenants" in 1910; with "Cash tenants" for the Northern and Western States, and with "Other tenants" for the Southern States in 1920; and with "Other tenants" for all States in 1925 and 1930.

[2] Includes the few colored farmers in the North and the West. [3] The South only.

[4] Includes 50 Filipinos, 30 Koreans, and 1 Hawaiian. [5] Separate data not available.

Source: Bureau of the Census, Department of Commerce.

No. 541.—ACREAGE OF FARM LAND: BY SIZE OF FARM AND BY TENURE AND COLOR OF OPERATOR

NOTE.—"White" includes Mexicans and Hindus. "Colored" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races

[Acreage in thousands]

Size of farm, tenure, and color	Acreage				Per cent distribution			
	1910	1920	1925	1930	1910	1920	1925	1930
BY SIZE OF FARM								
All farm land, total	878,798	955,884	924,319	986,771	100.0	100.0	100.0	100.0
Under 20 acres	8,794	8,687	10,156	9,698	1.0	.9	1.1	1.0
20 to 49 acres	45,378	48,466	46,405	46,251	5.2	5.1	5.0	4.7
50 to 99 acres	103,121	105,631	101,906	98,685	11.7	11.1	11.0	10.0
100 to 174 acres	205,481	194,681	185,708	180,214	23.4	20.4	20.1	18.3
175 to 499 acres	265,289	276,807	258,204	266,786	30.2	29.0	28.0	27.0
500 to 999 acres	83,653	100,976	97,468	108,924	9.5	10.6	10.5	11.0
1,000 acres and over	167,082	220,636	224,472	276,213	19.0	23.1	24.3	28.0
Crop land harvested, total [1] [2]	[2] 478,452	[2] 503,073	344,549	359,242	[2] 100.0	[2] 100.0	100.0	100.0
Under 20 acres	7,992	7,804	7,342	6,490	1.7	1.6	2.1	1.8
20 to 49 acres	36,596	38,508	29,384	28,202	7.6	7.7	8.5	7.9
50 to 99 acres	71,155	72,622	50,199	47,225	14.9	14.4	14.6	13.1
100 to 174 acres	123,854	123,201	88,502	85,154	26.9	25.5	25.7	23.7
175 to 499 acres	161,776	170,075	117,841	123,433	33.8	33.8	34.2	34.4
500 to 999 acres	40,817	43,156	32,273	39,992	8.5	8.6	9.4	11.1
1,000 acres and over	31,263	37,729	19,008	28,746	6.5	7.5	5.5	8.0
BY TENURE								
All farm land, total	878,798	955,884	924,319	986,771	100.0	100.0	100.0	100.0
Owners	598,555	636,775	618,336	618,376	68.1	66.6	66.7	62.7
Owning entire farm	464,923	461,250	419,446	372,450	52.9	48.3	45.4	37.7
Hiring additional land	133,631	175,525	196,890	245,926	15.2	18.4	21.3	24.9
Managers	53,731	54,129	43,097	61,986	6.1	5.7	4.7	6.3
Tenants	226,513	264,980	264,886	306,409	25.8	27.7	28.7	31.1
Cash tenants [3]	67,847	65,095	54,190	71,370	7.7	6.8	5.9	7.2
Other tenants [3]	158,666	199,885	210,696	235,039	18.0	20.9	22.8	23.8
Crop land, harvested, total [2]	[2] 478,452	[2] 503,073	344,549	359,242	[2] 100.0	[2] 100.0	100.0	100.0
Owners	309,850	314,107	199,408	201,750	64.8	62.4	57.9	56.2
Owning entire farm	233,809	235,132	138,649	124,328	48.9	46.7	40.2	34.6
Hiring additional land	76,042	78,975	60,759	77,422	15.9	15.7	17.6	21.6
Managers	12,314	13,211	5,299	6,920	2.6	2.6	1.5	1.9
Tenants	156,287	175,755	139,842	150,572	32.7	34.9	40.6	41.9
Cash tenants [3]	41,566	34,397	19,197	23,586	8.7	6.8	5.6	6.6
Other tenants [3]	114,721	141,357	120,645	126,986	24.0	28.1	35.0	35.3
BY COLOR OF FARMER								
All farm land, total	878,798	955,884	924,319	986,771	100.0	100.0	100.0	100.0
White farmers	832,166	910,939	(4)	945,683	94.7	95.3	(4)	95.8
Colored farmers	46,632	44,945	(4)	41,088	5.3	4.7	(4)	4.2
Crop land harvested, total [2]	[2] 478,452	[2] 503,073	344,549	359,242	[2] 100.0	[2] 100.0	100.0	100.0
White farmers	449,418	473,775	(4)	337,481	93.9	94.2	(4)	93.9
Colored farmers	29,035	29,298	(4)	21,761	6.1	5.8	(4)	6.1

[1] The classification by size in this section of the table, as in the preceding section, is based on the entire area of the farm.

[2] All data shown for 1910 and 1920 represent improved land. Data for improved land was not called for on the schedules of 1925 and 1930.

[3] Standing renters included with "Cash tenants" in 1910; with "Cash tenants" for the Northern and Western States, and with "Other tenants" for the Southern States in 1920; and with "Other tenants" for all States in 1925 and 1930.

[4] Not available.

Source: Bureau of the Census, Department of Commerce.

No. 542.—NUMBER OF FARMS: By Tenure and by States

Note.—Total number of farms (all tenures combined) in Table 534. Acreage by tenure in Table 543

Division and State	Number of farms operated by—								
	Owners			Managers			Tenants		
	1920	1925	1930	1920	1925	1930	1920	1925	1930
United States	3,925,090	3,868,332	3,563,394	63,449	40,700	55,389	2,454,804	2,462,608	2,664,365
New England	140,160	148,159	114,104	4,802	2,462	2,936	11,602	8,868	7,885
Maine	45,437	47,984	36,748	786	350	503	2,004	1,699	1,755
New Hampshire	18,604	19,895	13,755	546	156	355	1,373	1,014	796
Vermont	25,121	24,889	22,009	568	307	480	3,386	2,590	2,409
Massachusetts	28,087	30,870	23,198	1,627	979	958	2,287	1,605	1,442
Rhode Island	3,245	3,263	2,808	205	176	99	633	472	415
Connecticut	19,666	21,258	15,586	1,070	494	541	1,919	1,488	1,068
Middle Atlantic	327,104	348,179	299,095	9,853	4,465	6,053	88,190	66,224	52,455
New York	151,717	159,949	136,041	4,376	2,201	2,652	37,102	26,544	21,113
New Jersey	21,889	24,535	20,771	987	413	659	6,826	4,723	3,948
Pennsylvania	153,498	163,695	142,283	4,490	1,791	2,742	44,262	34,957	27,394
East North Central	780,786	771,876	693,892	13,551	6,606	8,633	304,407	273,090	263,977
Ohio	177,986	181,347	159,849	3,065	1,060	1,843	75,644	62,290	57,604
Indiana	137,210	137,429	125,517	2,329	1,268	1,478	65,587	57,089	54,575
Illinois	132,574	129,074	110,892	3,411	1,377	2,123	101,196	94,650	92,482
Michigan	159,406	161,974	141,647	2,319	1,234	1,530	34,722	29,119	26,195
Wisconsin	159,610	162,052	146,987	2,427	1,167	1,659	27,258	29,936	33,121
West North Central	711,156	685,797	661,115	10,776	5,569	7,471	375,019	419,948	444,169
Minnesota	132,744	136,382	126,570	1,596	760	1,047	44,138	51,083	57,638
Iowa	121,888	116,444	111,333	2,487	1,650	1,980	89,064	95,396	101,615
Missouri	185,030	174,383	165,318	2,247	1,063	1,540	75,727	85,027	89,076
North Dakota	56,917	49,513	50,105	855	361	470	19,918	26,093	27,400
South Dakota	47,815	46,160	45,609	781	331	454	26,041	33,046	37,094
Nebraska	69,672	67,766	67,418	1,315	669	1,020	53,430	59,299	61,020
Kansas	97,090	95,149	94,762	1,495	729	954	66,701	70,001	70,326
South Atlantic	607,089	608,304	538,930	9,799	6,137	8,984	542,088	492,620	508,574
Delaware	6,010	6,515	6,200	144	74	165	3,986	3,668	3,282
Maryland	32,805	35,138	30,823	1,262	936	939	13,841	12,927	11,441
District of Columbia	100	81	59	19	19	21	85	39	24
Virginia	136,363	143,587	121,104	2,134	1,238	1,536	47,745	48,898	47,970
West Virginia	72,101	74,943	66,573	1,090	662	721	14,098	14,775	15,347
North Carolina	151,376	154,805	141,445	928	423	648	117,459	128,254	137,615
South Carolina	67,724	59,969	54,470	738	368	603	124,231	112,430	102,768
Georgia	102,123	88,680	79,802	1,655	1,407	1,406	206,954	159,008	174,390
Florida	38,487	45,586	39,394	1,829	1,010	2,835	13,689	12,621	16,737
East South Central	525,808	497,825	465,348	3,508	1,731	2,888	522,286	506,496	593,978
Kentucky	179,327	175,442	157,403	969	281	675	90,330	82,801	88,421
Tennessee	148,082	148,627	131,526	807	324	611	103,885	103,718	113,520
Alabama	107,089	92,948	90,372	741	448	603	148,269	144,235	166,420
Mississippi	91,310	80,808	86,047	989	678	999	179,802	175,742	225,617
West South Central	464,328	412,064	410,397	5,013	3,058	5,506	526,747	602,183	687,231
Arkansas	112,647	95,476	89,009	736	616	634	119,221	125,899	152,691
Louisiana	57,254	52,386	53,159	828	503	735	77,381	79,561	107,551
Oklahoma	93,217	81,226	77,714	935	494	823	97,836	115,498	125,329
Texas	201,210	182,976	190,515	2,514	1,445	3,314	232,309	281,225	301,660
Mountain	202,515	179,198	178,398	4,116	2,410	3,590	37,478	51,784	58,826
Montana	50,271	36,281	35,353	899	367	514	6,507	10,256	11,628
Idaho	34,647	30,195	30,512	758	511	603	6,701	9,886	10,559
Wyoming	13,403	12,545	12,195	377	191	296	1,968	2,776	3,520
Colorado	45,291	39,517	38,426	880	585	838	13,763	17,918	20,692
New Mexico	25,756	26,005	24,740	433	256	334	3,655	5,426	6,330
Arizona	7,869	8,179	11,294	305	296	548	1,801	2,327	2,331
Utah	22,579	23,013	23,608	296	90	230	2,787	2,883	3,321
Nevada	2,599	3,463	2,770	168	114	227	296	306	445
Pacific	180,144	215,930	205,615	7,033	8,262	9,848	46,987	41,395	46,270
Washington	52,701	60,389	57,588	1,168	935	1,238	12,419	11,943	12,078
Oregon	39,863	45,887	44,521	916	618	842	9,427	9,406	9,790
California	87,580	109,654	103,506	4,949	6,709	7,768	25,141	20,046	24,402

Source: Bureau of the Census, Department of Commerce.

No. 543.—FARM ACREAGE, TOTAL AND CROP LAND HARVESTED: BY TENURE AND BY STATES

NOTE.—For total farm acreage and total crop land harvested (all tenures combined) see tables 534 and 536. Data for owners include land exclusively owned and the additional land rented and operated by the owner

[All figures in thousands of acres]

Division and State	All land in farms operated by—									Cropland harvested in 1929 on farms operated by—		
	Owners			Managers			Tenants			Owners	Managers	Tenants
	1920	1925	1930	1920	1925	1930	1920	1925	1930			
United States	636,775	616,336	618,376	54,129	43,097	61,988	264,980	264,887	306,409	201,750	6,920	150,572
New England	14,705	14,344	12,592	980	581	751	1,306	934	940	3,249	154	257
Maine	5,074	4,936	4,338	146	71	129	206	154	173	1,223	30	51
New Hampshire	2,296	2,109	1,736	154	58	123	153	96	102	342	18	21
Vermont	3,521	3,407	3,325	150	100	152	565	419	419	911	34	129
Massachusetts	2,022	2,051	1,690	313	212	215	159	104	100	409	42	23
Rhode Island	249	248	220	30	24	18	53	37	41	43	4	8
Connecticut	1,543	1,593	1,283	187	116	114	169	123	105	321	26	25
Middle Atlantic	29,019	29,464	27,768	1,923	910	1,277	9,631	7,117	6,902	11,120	449	2,754
New York	15,084	15,459	14,577	932	496	622	4,616	3,315	2,781	5,612	185	1,161
New Jersey	1,425	1,404	1,236	208	68	144	649	452	378	550	49	178
Pennsylvania	12,510	12,600	11,955	782	346	511	4,366	3,350	2,843	4,958	215	1,415
East North Central	76,518	75,580	72,355	2,867	1,651	2,096	38,350	35,521	36,440	34,532	894	21,218
Ohio	15,000	15,083	14,410	562	266	396	7,954	6,870	6,707	6,401	162	3,553
Indiana	12,870	12,667	12,286	473	288	360	7,720	6,961	7,042	6,022	159	4,033
Illinois	16,265	15,798	15,227	713	450	512	14,997	14,485	14,957	8,640	283	10,035
Michigan	14,541	14,470	13,605	588	369	462	3,904	3,197	3,052	6,163	142	1,432
Wisconsin	17,841	17,562	16,827	532	279	366	3,775	4,010	4,682	7,306	148	2,165
West North Central	168,570	155,780	160,645	6,079	3,497	4,974	82,324	88,805	99,869	78,917	1,419	58,379
Minnesota	21,014	20,186	19,567	443	224	307	8,765	9,649	11,039	11,132	161	7,153
Iowa	18,051	17,092	16,444	569	390	476	14,855	15,799	17,100	10,250	272	11,754
Missouri	24,687	22,733	22,217	664	350	513	9,423	9,559	11,012	8,247	158	4,771
North Dakota	26,850	23,523	26,415	811	271	387	8,553	10,533	11,856	14,057	183	7,014
South Dakota	24,169	20,937	22,474	890	771	961	9,577	10,310	13,035	10,123	142	7,591
Nebraska	26,422	25,555	25,726	1,480	776	1,454	14,323	15,693	17,529	11,316	300	9,783
Kansas	27,377	25,753	27,802	1,221	714	876	16,827	17,263	18,298	13,792	203	10,313
South Atlantic	61,798	58,301	51,651	4,402	3,511	3,751	31,575	26,758	30,961	13,628	844	13,048
Delaware	451	465	480	21	16	30	472	418	391	214	16	178
Maryland	2,751	2,674	2,640	259	182	228	1,748	1,577	1,506	1,028	88	626
Dist. of Columbia	2	1	1	2	2	2	2	1	1	1	1	(1)
Virginia	13,761	13,311	12,260	824	514	656	3,976	3,385	3,823	2,816	145	1,014
West Virginia	7,813	7,483	7,145	356	211	257	1,400	1,286	1,400	1,352	48	255
North Carolina	13,442	12,533	11,072	386	232	255	6,194	5,829	6,728	2,935	69	2,806
South Carolina	6,717	5,987	5,228	425	293	437	5,285	4,359	4,728	1,623	79	2,434
Georgia	12,801	11,889	9,855	926	800	932	11,714	9,257	11,292	2,771	238	5,320
Florida	4,060	3,958	2,980	1,202	1,260	954	784	647	1,092	888	160	406
East South Central	54,022	49,049	45,289	1,529	923	1,288	23,347	20,635	26,241	11,766	312	13,070
Kentucky	16,792	15,829	14,611	270	137	196	4,551	3,947	5,120	3,661	48	1,621
Tennessee	13,779	13,025	11,729	221	124	207	5,511	4,751	6,068	3,421	56	2,629
Alabama	12,117	10,086	9,404	455	245	332	7,004	6,408	7,819	2,639	75	4,401
Mississippi	11,334	10,108	9,545	583	416	553	6,280	5,529	7,234	2,045	133	4,419
West South Central	104,781	97,711	93,180	16,511	11,998	22,524	52,157	55,305	68,222	23,314	919	32,105
Arkansas	11,810	10,027	8,990	352	318	292	5,295	5,287	6,771	2,751	92	3,739
Louisiana	6,255	5,624	4,761	900	590	876	2,864	2,624	3,718	1,468	199	2,401
Oklahoma	18,472	15,609	16,471	926	1,327	986	12,554	13,933	16,333	7,090	138	8,325
Texas	68,244	66,451	62,938	14,333	9,762	20,370	31,444	33,461	41,400	12,505	490	17,640
Mountain	90,889	98,542	114,233	12,974	14,047	18,057	13,475	19,100	25,160	16,385	760	6,114
Montana	28,953	25,365	34,145	2,860	1,912	3,015	3,258	5,459	7,499	5,975	186	1,680
Idaho	6,799	6,185	7,050	386	272	438	1,191	1,659	1,859	2,235	83	831
Wyoming	9,360	15,062	18,934	1,466	1,939	2,085	984	1,662	2,506	1,515	87	406
Colorado	18,622	17,387	19,540	1,596	1,285	2,167	4,244	5,496	7,169	4,083	189	2,479
New Mexico	17,854	19,800	21,857	3,863	4,733	5,350	2,693	3,317	3,615	1,043	34	417
Arizona	3,820	7,580	6,049	1,301	2,515	3,468	592	970	1,009	286	73	120
Utah	4,063	4,469	4,501	616	184	608	372	347	504	980	39	141
Nevada	1,420	2,093	2,157	796	1,208	926	141	190	999	268	89	40
Pacific	36,473	37,566	40,663	6,865	5,980	7,268	12,815	10,713	12,574	8,339	1,149	3,627
Washington	9,260	9,042	9,379	541	360	560	3,444	3,208	3,595	2,360	95	1,203
Oregon	10,017	10,853	12,878	838	901	839	2,687	2,377	2,832	2,057	145	705
California	17,196	17,672	18,426	5,485	4,718	5,869	6,684	5,127	6,147	3,922	909	1,719

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

No. 544.—PERCENTAGE OF TOTAL NUMBER OF FARMS AND TOTAL ACREAGE OPERATED BY TENANTS: BY STATES

Division and State	Per cent of total operated by tenants										Per cent of tenants related to landlord, 1930	
	Number of farms				All land in farms				Crop land harvested			
	1910	1920	1925	1930	1910	1920	1925	1930	1924	1929	Cash	Other
United States	37.0	38.1	38.6	42.4	25.8	27.7	28.7	31.1	40.8	41.9	19.6	19.1
New England	8.0	7.4	5.6	6.3	7.8	7.7	5.9	6.6	6.4	7.0	25.9	30.2
Maine	4.3	4.2	3.4	4.5	5.6	3.8	3.0	3.7	3.1	3.9	28.3	36.4
New Hampshire	6.9	6.7	4.8	5.3	5.4	5.9	4.2	5.2	4.5	5.4	21.8	43.2
Vermont	12.3	11.6	9.3	9.7	13.7	13.3	10.7	10.7	12.7	12.0	24.9	25.1
Massachusetts	8.1	7.1	4.8	5.6	7.0	6.4	4.4	5.0	4.3	4.9	29.6	33.1
Rhode Island	18.0	15.5	12.1	12.5	18.2	15.9	12.1	14.8	12.1	14.6	16.7	38.8
Connecticut	9.8	8.5	6.4	6.2	9.9	8.9	6.7	7.0	6.5	6.8	25.3	28.5
Middle Atlantic	22.3	20.7	16.8	14.7	25.9	23.7	19.0	17.1	21.5	19.2	27.3	29.8
New York	20.8	19.2	14.1	13.2	24.4	22.4	17.2	15.5	18.8	16.7	27.8	29.0
New Jersey	24.8	23.0	15.9	15.6	30.4	28.5	23.5	21.5	25.3	22.9	21.3	27.4
Pennsylvania	23.3	21.9	17.4	15.9	27.1	24.7	20.6	18.6	24.1	21.5	28.0	30.6
East North Central	27.0	28.1	26.0	27.3	30.0	32.6	31.5	32.9	36.6	37.5	30.3	30.4
Ohio	28.4	29.5	25.5	26.3	31.4	33.8	30.9	31.2	35.4	35.1	28.0	31.2
Indiana	30.0	32.0	29.2	30.1	32.3	36.7	35.0	35.8	39.3	39.5	26.9	28.1
Illinois	41.4	42.7	42.0	43.1	43.6	46.9	47.1	48.7	51.5	52.9	30.5	28.2
Michigan	15.8	17.7	15.1	15.5	17.8	20.5	17.7	17.8	19.2	18.5	25.2	33.6
Wisconsin	13.9	14.4	15.5	18.2	15.8	17.0	18.4	21.4	19.8	22.5	37.2	39.6
West North Central	30.9	34.2	37.8	39.9	27.0	32.0	35.8	37.6	41.0	42.1	29.4	29.1
Minnesota	21.0	24.7	27.1	31.1	23.8	29.0	32.1	35.7	36.0	38.8	33.5	30.2
Iowa	37.8	41.7	44.7	47.3	39.0	44.4	47.5	50.3	50.2	52.8	32.8	31.4
Missouri	29.9	28.8	32.6	34.8	25.4	27.1	29.3	32.6	34.2	36.2	22.4	23.2
North Dakota	14.3	25.6	34.4	35.1	15.3	23.6	30.7	30.7	32.9	33.0	21.3	22.4
South Dakota	24.8	34.9	41.5	44.6	23.3	27.7	32.2	35.7	41.0	42.5	23.3	25.4
Nebraska	38.1	42.9	46.4	47.1	27.3	33.9	37.3	39.2	45.0	45.7	31.4	35.6
Kansas	36.8	40.4	42.2	42.4	30.6	37.0	39.5	39.0	44.0	42.4	22.1	33.0
South Atlantic	45.9	48.8	44.5	48.1	30.1	32.3	30.2	35.8	45.7	47.4	14.5	14.1
Delaware	41.9	39.3	35.8	33.8	52.1	49.9	46.5	43.4	49.1	43.7	14.4	13.4
Maryland	29.5	28.9	26.4	26.5	38.5	36.7	35.6	34.4	38.9	35.9	23.3	19.2
District of Columbia	38.7	41.7	28.1	23.1	35.9	35.1	21.2	13.8	19.6	14.6	8.7	----
Virginia	26.5	25.6	25.2	28.1	21.1	21.4	19.7	22.9	24.6	25.5	16.0	20.9
West Virginia	20.5	16.2	16.3	18.6	15.5	14.6	14.3	15.9	15.1	15.4	15.5	24.9
North Carolina	42.3	43.5	45.2	49.2	27.6	30.9	31.3	37.3	46.3	48.3	22.9	14.7
South Carolina	63.0	64.5	65.1	65.1	36.4	42.5	41.0	45.5	60.0	58.8	13.7	10.6
Georgia	65.6	66.6	63.8	62.2	42.0	46.0	42.2	51.1	59.3	63.9	12.5	12.7
Florida	26.7	25.3	21.3	28.4	13.1	13.0	11.0	21.7	23.2	27.9	8.9	16.3
East South Central	50.7	49.7	50.3	55.9	28.0	29.6	29.2	36.0	49.2	52.0	10.7	15.7
Kentucky	33.9	33.4	32.0	35.9	19.9	21.1	19.8	25.7	30.6	30.4	15.8	23.7
Tennessee	41.1	41.1	41.0	46.2	25.1	28.2	26.5	33.7	40.9	43.1	12.7	20.0
Alabama	60.2	57.9	60.7	64.7	34.2	35.8	38.3	44.5	59.6	61.9	9.7	16.5
Mississippi	66.1	66.1	68.3	72.2	33.7	34.5	34.4	41.7	63.0	67.0	9.8	9.7
West South Central	52.8	52.9	59.2	62.3	26.7	30.1	33.5	37.1	55.5	58.5	11.0	15.7
Arkansas	50.0	51.3	56.7	63.0	27.0	30.3	33.8	42.2	60.9	66.8	10.0	12.6
Louisiana	55.3	57.1	60.1	66.6	25.7	28.6	29.7	39.7	52.3	59.0	11.2	11.9
Oklahoma	54.8	51.0	58.6	61.5	43.1	39.3	45.1	48.3	52.2	53.5	7.2	16.1
Texas	52.5	53.3	60.4	60.9	22.5	27.6	30.5	33.2	58.7	57.6	15.6	18.3
Mountain	10.7	15.4	22.2	24.4	10.5	11.5	14.5	16.9	25.3	26.3	13.5	18.7
Montana	8.9	11.3	21.9	24.5	10.9	9.3	16.7	16.8	22.4	21.4	11.9	14.7
Idaho	10.3	15.9	24.4	25.3	10.7	14.2	20.4	19.9	26.1	26.4	15.3	21.3
Wyoming	8.2	12.5	17.9	22.0	6.2	8.3	8.9	10.7	18.1	20.2	12.5	17.9
Colorado	18.2	23.0	30.9	34.5	16.7	17.4	22.7	24.8	33.9	36.7	12.1	17.8
New Mexico	5.5	12.2	17.1	20.2	8.7	11.0	11.9	11.7	23.2	27.9	11.6	16.4
Arizona	9.3	18.1	21.5	16.4	8.6	10.2	8.8	9.6	26.0	25.1	6.5	15.9
Utah	7.9	10.9	11.1	12.2	5.7	7.4	6.9	9.0	11.7	12.2	26.2	41.1
Nevada	12.4	9.4	7.9	12.9	5.8	6.0	4.6	24.5	6.2	10.0	16.0	22.8
Pacific	17.2	20.1	15.6	17.7	19.8	22.8	19.7	20.8	27.1	27.7	12.7	21.2
Washington	13.7	18.7	16.3	17.0	17.7	26.0	25.4	26.6	32.5	32.9	15.0	26.7
Oregon	15.1	18.8	16.8	17.8	16.1	19.8	16.8	17.1	25.7	24.3	19.1	27.7
California	20.6	21.4	14.7	18.0	22.2	22.8	18.6	20.2	24.8	26.2	9.4	15.1

Source: Bureau of the Census, Department of Commerce.

No. 545.—NUMBER AND ACREAGE OF FARMS: BY COLOR OF OPERATOR AND BY STATES

NOTE.—For total number of farms and acreage of all land in farms see Table 534. "White" includes Mexicans and Hindus. "Colored" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races

Division and State	Number of farms operated by—				All land (thousands of acres) in farms operated by—			
	White farmers		Colored farmers		White farmers		Colored farmers	
	1920	1930	1920	1930	1920	1930	1920	1930
United States	5,498,454	5,372,578	949,889	916,070	910,939	945,683	44,945	41,088
New England	158,293	124,768	271	159	13,970	14,273	21	10
Maine	48,214	38,989	13	17	5,425	4,639	1	1
New Hampshire	20,509	14,898	14	8	2,602	1,959	2	1
Vermont	20,047	24,876	28	22	4,231	3,892	4	3
Massachusetts	31,880	25,534	121	64	2,489	2,004	6	2
Rhode Island	4,063	3,311	20	11	331	279	1	1
Connecticut	22,580	17,158	75	37	1,892	1,500	7	2
Middle Atlantic	423,611	356,396	1,536	1,207	40,477	34,968	96	80
New York	192,645	159,346	550	460	20,590	17,942	43	38
New Jersey	29,167	24,994	535	384	2,256	1,738	26	20
Pennsylvania	201,799	172,056	451	363	17,631	15,288	27	22
East North Central	1,080,267	963,019	4,477	3,483	117,458	110,652	278	239
Ohio	255,079	218,059	1,616	1,237	23,416	21,421	100	93
Indiana	204,554	181,095	572	475	21,027	19,660	37	29
Illinois	236,288	213,603	893	894	31,917	30,637	58	58
Michigan	195,714	168,811	733	561	18,984	17,081	49	38
Wisconsin	188,632	181,451	663	316	22,114	21,853	34	21
West North Central	1,090,032	1,101,648	6,919	11,107	255,461	264,071	1,512	1,417
Minnesota	178,271	185,010	207	245	30,202	30,892	20	21
Iowa	213,330	214,774	109	154	33,456	34,008	9	11
Missouri	260,178	250,079	2,826	5,861	34,584	33,486	190	257
North Dakota	77,147	77,174	543	801	36,028	38,508	187	160
South Dakota	73,025	80,417	1,612	2,740	33,786	35,680	850	791
Nebraska	124,033	129,188	384	270	42,159	44,678	67	30
Kansas	164,048	165,006	1,238	1,036	45,236	46,819	189	157
South Atlantic	775,144	780,089	383,532	298,379	79,550	71,704	18,225	14,669
Delaware	9,268	8,900	872	807	890	846	55	55
Maryland	41,699	37,936	6,209	5,267	4,406	4,020	352	346
Dist. of Columbia	184	93	20	11	5	3	(1)	(1)
Virginia	138,456	130,937	47,786	39,673	16,298	14,683	2,263	2,046
West Virginia	80,785	82,150	504	491	9,542	8,774	28	28
North Carolina	193,473	202,835	76,290	76,873	16,584	14,662	3,437	3,392
South Carolina	83,683	80,506	109,010	77,425	8,047	7,221	4,380	3,172
Georgia	130,545	168,809	130,187	86,780	18,369	16,974	7,072	5,105
Florida	41,051	47,923	12,954	11,043	5,409	4,512	638	515
East South Central	744,368	741,255	307,232	320,959	66,784	60,886	12,114	11,931
Kentucky	257,908	237,395	12,628	9,104	21,186	19,585	427	342
Tennessee	214,592	210,519	38,182	35,138	17,987	16,646	1,524	1,357
Alabama	160,896	163,566	95,203	93,829	15,229	13,396	4,348	4,159
Mississippi	110,882	129,775	161,219	182,888	12,382	11,259	5,815	6,073
West South Central	764,238	840,785	231,350	282,349	182,469	172,690	10,980	11,216
Arkansas	160,322	162,755	72,282	79,579	14,852	13,565	2,625	2,488
Louisiana	73,404	87,675	62,059	73,770	7,837	7,040	2,183	2,315
Oklahoma	173,263	180,929	18,725	22,937	30,230	31,825	1,713	1,966
Texas	357,249	409,426	78,784	86,063	109,561	120,260	4,459	4,447
Mountain	238,662	230,391	5,447	10,923	116,340	156,446	997	1,004
Montana	56,614	46,311	1,063	1,184	34,419	44,260	652	399
Idaho	41,698	40,976	508	698	8,328	9,200	48	57
Wyoming	15,579	15,748	169	263	11,787	23,483	23	43
Colorado	59,381	59,355	553	601	24,375	28,794	87	82
New Mexico	27,969	28,059	1,875	3,345	24,345	30,578	64	244
Arizona	9,329	10,220	646	3,953	5,742	10,407	60	119
Utah	25,248	26,591	414	568	4,999	5,574	51	39
Nevada	2,944	3,131	219	311	2,345	4,000	12	21
Pacific	225,839	254,229	8,325	7,504	55,430	59,993	722	532
Washington	65,022	69,555	1,260	1,349	13,143	13,405	101	129
Oregon	49,633	54,470	573	683	13,442	16,476	100	73
California	111,184	130,204	6,486	5,472	28,845	30,112	521	330

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

No. 546.—NUMBER OF FARMS IN THE SOUTH: BY COLOR AND TENURE OF OPERATOR, 1930

NOTE.—See headnote Table 545

	Total	Full owners	Part owners	Managers	Tenants			
					Total	Cash	Croppers	Other
The South:								
White	2,342,129	1,050,187	183,469	16,529	1,091,944	140,112	383,381	568,451
Colored	881,087	140,496	41,523	829	698,839	97,920	392,897	208,022
South Atlantic:								
White	760,059	406,386	53,041	8,485	292,177	49,472	120,487	122,218
Colored	298,379	60,714	19,789	479	217,397	20,327	124,171	63,899
Delaware—								
White	8,900	5,507	380	146	2,867	440	165	2,262
Colored	807	309	64	19	415	54	60	301
Maryland—								
White	37,936	25,971	1,911	819	9,235	1,629	1,049	6,557
Colored	5,267	2,362	579	120	2,206	213	597	1,396
District of Columbia—								
White	93	46	5	20	22	21		1
Colored	11	7	1	1	2	2		
Virginia—								
White	130,937	85,756	10,900	1,459	32,822	5,516	10,456	16,850
Colored	39,673	19,200	5,248	77	15,148	1,767	6,797	6,584
West Virginia—								
White	82,150	60,253	5,947	714	15,236	7,046	1,811	6,379
Colored	491	328	45	7	111	38	23	50
North Carolina—								
White	202,835	102,567	19,167	625	80,476	6,692	34,286	39,498
Colored	76,873	13,198	6,513	23	57,139	2,545	34,805	19,789
South Carolina—								
White	80,506	33,578	4,900	622	41,406	6,511	17,893	17,002
Colored	77,425	11,937	4,055	71	61,362	11,759	31,046	18,557
Georgia—								
White	168,809	61,582	7,139	1,334	98,754	17,001	51,404	30,349
Colored	86,789	9,014	2,067	72	75,636	10,532	49,450	15,654
Florida—								
White	47,923	31,126	2,692	2,746	11,359	4,616	3,423	3,320
Colored	11,043	4,359	1,217	89	5,378	2,417	1,393	1,568
East South Central:								
White	741,255	358,174	56,586	2,747	323,748	43,543	130,742	149,463
Colored	320,959	39,420	11,168	141	270,230	53,371	150,239	66,620
Kentucky—								
White	237,395	132,160	21,068	660	83,507	8,748	27,134	47,625
Colored	9,104	3,055	1,120	15	4,914	140	3,116	1,658
Tennessee—								
White	210,519	104,166	19,528	577	86,248	9,353	33,745	43,150
Colored	35,138	5,687	2,145	34	27,272	2,803	16,559	7,850
Alabama—								
White	163,566	63,727	10,714	580	88,545	16,652	37,562	34,331
Colored	93,829	11,417	4,514	23	77,875	32,055	27,572	18,248
Mississippi—								
White	129,775	58,121	5,276	930	65,448	8,790	32,301	24,357
Colored	182,888	19,261	3,389	69	160,169	18,313	102,992	38,864
West South Central:								
White	840,785	285,627	73,842	5,297	476,019	47,097	132,152	296,770
Colored	262,349	40,362	10,566	209	211,212	15,222	118,487	77,503
Arkansas—								
White	162,755	63,539	14,015	611	84,590	8,855	29,569	46,166
Colored	79,579	9,058	2,397	23	68,101	6,106	45,465	16,530
Louisiana—								
White	87,675	38,107	4,549	681	44,338	6,194	17,214	20,930
Colored	73,770	8,786	1,717	54	63,213	6,692	32,214	24,307
Oklahoma—								
White	180,929	47,097	22,283	779	110,770	16,569	16,495	77,706
Colored	22,937	6,550	1,784	44	14,559	1,029	4,560	8,970
Texas—								
White	409,426	136,884	32,995	3,226	236,321	15,479	68,874	151,968
Colored	86,063	15,968	4,668	88	65,339	1,395	36,248	27,696

Source: Bureau of the Census, Department of Commerce.

No. 547.—ACREAGE OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

[All figures in thousands of acres. See headnote Table 545]

	Total	Full owners	Part owners	Managers	Tenants			
					Total	Cash	Croppers	Other
The South:								
White	305,281	136,194	42,427	27,296	99,364	23,066	19,635	56,663
Colored	37,806	9,010	2,469	267	26,060	4,095	11,970	9,995
South Atlantic:								
White	71,704	41,694	5,699	3,641	20,670	4,396	6,284	9,989
Colored	14,659	3,314	944	110	10,290	1,472	5,079	3,740
Delaware—								
White	846	431	36	26	353	32	16	304
Colored	55	11	3	3	38	2	4	31
Maryland—								
White	4,029	2,306	226	207	1,290	144	144	1,002
Colored	346	88	20	22	216	9	47	160
District of Columbia—								
White	3	1	(1)	2	(1)	(1)		(1)
Colored	(1)	(1)	(1)	(1)	(1)	(1)		
Virginia—								
White	14,683	9,743	1,324	632	2,984	547	680	1,756
Colored	2,046	937	246	23	839	115	284	441
West Virginia—								
White	8,774	6,305	822	256	1,392	578	174	639
Colored	28	16	3	1	9	2	1	5
North Carolina—								
White	14,663	8,712	1,378	249	4,323	443	1,303	2,577
Colored	3,393	697	285	6	2,404	138	1,212	1,054
South Carolina—								
White	7,221	3,859	582	416	2,365	525	759	1,081
Colored	3,172	617	171	21	2,363	339	1,091	934
Georgia—								
White	16,974	7,944	1,028	908	7,095	1,675	2,992	2,427
Colored	5,105	726	157	24	4,198	763	2,380	1,054
Florida—								
White	4,512	2,395	304	945	868	450	216	202
Colored	515	223	59	9	224	104	59	61
East South Central:								
White	60,886	36,381	5,384	1,238	17,883	3,319	4,873	9,690
Colored	11,031	2,874	649	50	8,358	2,025	3,660	2,673
Kentucky—								
White	19,585	12,580	1,848	193	4,964	676	1,007	3,281
Colored	342	138	45	3	156	5	74	77
Tennessee—								
White	16,646	9,569	1,741	200	5,136	692	1,321	3,122
Colored	1,357	310	109	6	932	137	442	354
Alabama—								
White	13,396	7,030	1,184	318	4,864	1,286	1,575	2,003
Colored	4,159	917	273	14	2,955	1,198	938	819
Mississippi—								
White	11,259	7,203	611	526	2,919	665	970	1,284
Colored	6,073	1,509	221	27	4,315	635	2,206	1,424
West South Central:								
White	172,690	58,119	31,344	22,417	60,811	15,350	8,478	36,983
Colored	11,216	2,822	876	107	7,411	598	3,231	3,582
Arkansas—								
White	13,505	6,713	1,573	285	4,995	673	1,055	3,266
Colored	2,488	561	144	7	1,776	220	961	595
Louisiana—								
White	7,040	3,595	562	856	2,026	388	535	1,103
Colored	2,315	513	90	20	1,692	205	718	769
Oklahoma—								
White	31,825	7,244	8,313	943	15,325	2,549	1,529	11,247
Colored	1,966	623	291	43	1,008	103	218	688
Texas—								
White	120,260	40,567	20,895	20,333	38,464	11,740	5,358	21,366
Colored	4,447	1,125	350	37	2,935	70	1,334	1,531

[1] Less than 500 acres.

Source: Bureau of the Census, Department of Commerce.

No. 548.—VALUE OF FARM PROPERTY: FARMS OPERATED BY OWNERS AND TENANTS, BY GEOGRAPHIC DIVISIONS

NOTE.—For total value of farm property by geographic divisions, all tenures (including managers) combined, see Table 535, p. 560

Division	Farms operated by—							
	Full owners		Part owners		Cash tenants		Other tenants	
	1925	1930	1925	1930	1925	1930	1925	1930
	Value of land and buildings (millions of dollars)							
United States	24,209	21,123	6,808	8,136	3,370	3,801	13,480	12,680
New England	743	713	40	77	29	34	22	23
Middle Atlantic	2,006	1,948	145	219	175	195	357	261
East North Central	5,450	4,354	1,347	1,413	721	668	3,298	2,635
West North Central	6,498	5,254	3,210	3,406	1,534	1,058	5,116	4,564
South Atlantic	2,534	2,116	190	279	102	201	1,018	964
East South Central	1,457	1,369	157	214	141	190	685	832
West South Central	1,963	1,904	561	860	221	326	2,049	2,329
Mountain	980	970	581	757	91	130	405	443
Pacific	2,572	2,435	576	851	297	399	531	529
	Value of implements and machinery (millions of dollars)							
United States	1,482.0	1,555.0	385.3	631.2	159.1	233.8	606.6	759.7
New England	69.9	73.1	4.4	8.5	2.1	3.0	1.9	1.9
Middle Atlantic	247.9	256.2	19.8	31.0	15.0	18.4	42.9	33.4
East North Central	327.7	328.4	68.9	98.2	33.1	40.6	130.4	146.2
West North Central	340.1	379.2	177.7	283.5	69.3	110.9	223.3	307.8
South Atlantic	131.2	123.1	11.1	17.8	6.6	9.8	40.6	41.1
East South Central	77.4	89.9	9.2	14.6	7.1	11.0	28.0	37.7
West South Central	112.5	130.0	30.8	59.1	9.5	14.6	95.1	123.6
Mountain	64.3	86.0	34.2	70.5	4.8	9.6	21.9	37.9
Pacific	111.1	119.1	20.4	48.0	11.7	15.9	22.4	27.1
	Average value of land and buildings per farm (dollars)							
United States	7,306	7,255	12,270	12,389	8,565	7,770	6,515	5,784
New England	5,210	6,649	8,806	11,372	5,167	6,404	6,570	8,024
Middle Atlantic	6,041	7,002	8,999	10,456	7,907	9,328	8,089	8,276
East North Central	8,163	7,630	12,931	11,465	12,381	10,638	15,350	13,098
West North Central	12,849	11,477	17,823	17,047	16,193	13,634	15,732	14,149
South Atlantic	4,607	4,531	3,209	3,835	2,613	2,548	2,364	2,238
East South Central	3,334	3,443	2,592	3,157	1,783	1,958	1,801	1,674
West South Central	5,668	6,024	8,531	10,187	5,305	5,232	3,656	3,727
Mountain	7,165	7,444	13,709	15,583	8,309	8,292	9,911	10,278
Pacific	13,240	13,778	26,486	29,474	15,401	16,083	23,986	24,649
	Average value of implements and machinery per farm (dollars)							
United States	447	544	894	961	404	478	293	349
New England	487	682	960	1,255	375	570	586	741
Middle Atlantic	746	921	1,220	1,484	682	880	972	1,154
East North Central	491	576	662	706	568	646	807	727
West North Central	673	828	987	1,394	732	912	687	964
South Atlantic	230	264	186	244	106	124	94	95
East South Central	177	226	151	216	91	114	66	76
West South Central	325	399	468	701	227	233	170	198
Mountain	470	860	806	1,450	439	609	537	878
Pacific	572	674	1,352	1,663	605	642	1,012	1,261

Source: Bureau of the Census, Department of Commerce.

No. 549.—NUMBER OF FARMS: BY KIND OF ROAD ON WHICH LOCATED, 1930

Kind of road	United States	New England	Middle Atlantic	East North Central	West North Central
Total number of farms	6,288,648	124,925	357,603	966,502	1,112,755
Kind of road located on:					
Concrete	202,594	3,185	35,395	60,022	20,704
Brick	13,180	7	1,714	8,372	1,136
Asphalt	72,011	1,892	4,743	5,859	1,115
Macadam	306,397	18,894	64,821	91,538	7,290
Gravel	1,279,113	31,460	35,833	395,149	209,730
Sand-clay	156,531	456	1,257	4,915	5,102
Improved dirt	1,638,954	18,449	38,679	131,642	423,792
Unimproved dirt	2,279,989	45,588	160,903	231,416	401,660
All other (including not reported)	339,879	4,994	14,258	37,589	42,226

Kind of road	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total number of farms	1,058,468	1,062,214	1,103,134	241,314	261,733
Kind of road located on:					
Concrete	31,032	11,875	14,003	4,409	21,879
Brick	1,521	163	179	3	85
Asphalt	22,704	9,015	17,405	864	8,414
Macadam	37,188	48,221	4,822	2,748	30,875
Gravel	64,802	249,862	152,481	51,806	87,990
Sand-clay	109,792	19,991	13,810	912	296
Improved dirt	268,212	242,765	406,718	70,365	38,332
Unimproved dirt	457,085	419,195	422,303	92,007	40,531
All other (including not reported)	66,131	61,127	71,323	18,200	24,031

Source: Bureau of the Census, Department of Commerce.

No. 550.—MORTGAGE STATUS OF FARMS OWNED BY OPERATOR

Item	1900[1]	1910	1920	1925	1930
FARMS OWNED WHOLLY OR IN PART BY THE OPERATOR					
Total number	3,638,403	3,948,722	3,925,090	3,868,332	3,563,394
Reported as free from mortgage	2,419,180	2,588,506	2,074,325	(2)	1,845,997
Reported as mortgaged	1,093,164	1,312,034	1,461,306	[3] 1,395,026	1,497,766
Unknown (no report)	126,059	48,092	389,459	(2)	224,631
Percent of total:					
Free from mortgage	66.5	65.6	52.8	(2)	51.7
Reported as mortgaged	30.0	33.2	37.2	[3] 36.1	42.0
Unknown (no report)	3.5	1.2	9.9	(2)	6.3
FARMS OWNED WHOLLY BY THE OPERATOR					
Total number	3,201,947	3,354,897	3,366,510	3,313,490	2,911,644
Number reporting amount of mortgage debt	(2)	1,006,511	1,193,047	[3] 1,128,207	1,145,737
Percent of total	(2)	30.0	35.4	34.0	39.4
Value of all wholly owned farms (land and buildings)—1,000 dollars	9,129,328	17,310,639	30,710,721	24,208,740	21,123,468
Ratio of mortgage debt to value—percent	(2)	10.0	13.0	18.7	19.3
Reporting mortgage debt:					
Total number	(2)	1,006,511	1,193,047	[3] 1,128,207	1,145,737
Value of land and buildings—1,000 dollars	(2)	6,330,237	13,775,500	10,790,244	10,307,732
Amount of mortgage debt—do	(2)	1,726,173	4,003,767	4,517,259	4,080,176
Ratio of mortgage debt to value—percent	(2)	27.3	29.1	41.9	39.6
Average per mortgaged farm:					
Value of land and buildings—dollars	(2)	6,289	11,546	9,564	8,997
Amount of mortgage debt—do	(2)	1,715	3,356	4,004	3,561
Equity owned—do	(2)	4,574	8,190	5,560	5,436

[1] Farm homes occupied by their owners. [2] Not reported.
[3] Number reporting amount of mortgage debt on farm land and buildings anywhere in the United States.

Source: Bureau of the Census, Department of Commerce.

No. 551.—MORTGAGE STATUS OF FARMS OWNED WHOLLY OR IN PART BY THE OPERATOR: BY STATES

NOTE.—The number of all owned farms includes farms *with mortgage status not reported*, which constituted 9.9 per cent of the owned farms in 1920 and 6.3 per cent in 1930. The 1925 schedule called only for the amount of mortgages on farms

Division and State	All owned farms (number)			Free from mortgage (number)		Mortgaged (number)		
	1920	1925	1930	1920	1930	1920	1925	1930
United States	3,925,080	3,863,332	3,565,394	2,074,325	1,845,897	1,461,306	1,395,026	1,497,766
New England	140,160	148,159	114,104	80,413	66,788	53,138	49,864	49,875
Maine	45,437	47,984	36,748	30,665	22,535	13,023	11,925	11,933
New Hampshire	18,604	19,895	13,755	11,992	7,704	5,389	4,716	4,925
Vermont	25,121	24,889	22,009	12,132	9,945	12,225	10,850	11,634
Massachusetts	28,087	30,370	23,198	14,055	9,961	12,632	12,248	12,159
Rhode Island	3,245	3,263	2,808	1,971	1,619	949	946	1,026
Connecticut	19,666	21,258	15,586	9,597	7,024	8,920	9,179	7,998
Middle Atlantic	327,104	348,179	299,095	179,326	163,718	125,216	110,810	120,417
New York	151,717	159,949	136,041	75,522	68,786	60,633	61,905	61,546
New Jersey	21,889	24,535	20,771	10,000	9,316	10,085	10,118	10,663
Pennsylvania	153,498	163,695	142,283	93,804	85,616	48,498	38,787	48,208
East North Central	706,786	771,878	693,892	382,771	342,455	320,313	305,046	318,108
Ohio	177,986	181,347	159,849	110,004	94,179	50,784	47,800	56,088
Indiana	137,210	137,429	125,517	73,233	61,731	51,474	49,960	56,908
Illinois	132,574	129,074	119,892	68,892	62,990	51,039	45,814	49,459
Michigan	159,406	161,974	141,647	72,869	63,046	78,758	70,853	68,973
Wisconsin	159,610	162,052	146,987	57,773	55,509	94,258	90,619	80,680
West North Central	711,158	655,797	661,115	278,908	271,396	368,158	350,991	361,596
Minnesota	132,744	130,352	126,570	54,086	53,330	69,545	66,319	68,070
Iowa	121,888	116,444	111,333	45,807	41,371	66,096	64,781	64,425
Missouri	185,030	174,383	165,318	82,099	80,056	85,538	76,970	80,184
North Dakota	56,917	49,513	50,105	12,833	14,124	40,402	31,602	33,590
South Dakota	47,815	46,160	45,609	16,037	15,394	27,202	28,813	27,287
Nebraska	69,672	67,706	67,418	27,065	24,893	35,191	38,279	38,901
Kansas	97,090	95,149	94,762	40,970	41,728	44,064	44,227	49,079
South Atlantic	607,089	609,304	559,930	408,804	350,970	118,026	126,838	145,935
Delaware	6,010	6,515	6,260	3,504	3,470	2,018	1,748	2,407
Maryland	32,305	35,138	30,823	19,292	17,575	11,339	10,513	11,648
Dist. of Columbia	100	81	59	53	35	29	19	20
Virginia	136,363	143,587	121,104	98,470	87,031	24,331	27,075	27,614
West Virginia	72,101	74,943	66,573	52,617	49,259	10,274	9,104	11,557
North Carolina	151,376	154,805	141,445	102,950	89,364	24,499	29,918	33,232
South Carolina	67,724	69,969	54,470	42,847	32,222	14,299	15,521	18,320
Georgia	102,123	88,680	79,802	64,061	46,479	23,136	24,083	25,417
Florida	38,487	45,586	39,394	25,010	25,535	8,102	8,857	9,720
East South Central	525,808	497,825	465,348	339,312	282,407	124,723	119,931	144,803
Kentucky	179,327	175,442	167,403	116,613	103,780	40,615	34,688	38,180
Tennessee	148,082	148,627	131,526	105,128	87,010	32,264	30,703	34,415
Alabama	107,089	92,948	90,372	64,498	47,406	27,854	27,790	36,417
Mississippi	91,310	80,808	86,047	53,073	44,271	23,990	26,750	35,791
West South Central	464,328	412,064	410,397	236,832	209,049	162,738	147,212	165,398
Arkansas	112,647	95,476	89,009	64,881	47,494	33,900	31,419	33,702
Louisiana	57,254	52,386	53,159	36,010	30,339	11,783	14,424	17,680
Oklahoma	93,217	81,226	77,714	30,551	31,776	47,026	39,263	38,558
Texas	201,210	182,976	190,515	105,490	99,440	69,940	62,106	75,458
Mountain	202,515	179,198	178,898	88,731	77,774	97,038	84,939	85,279
Montana	50,271	36,281	35,353	16,365	14,498	29,897	19,818	18,992
Idaho	34,647	30,195	30,512	11,872	11,466	20,060	16,509	17,418
Wyoming	13,403	12,545	12,195	6,816	4,772	5,513	6,088	6,493
Colorado	45,291	39,517	38,426	20,955	15,741	21,131	20,997	20,016
New Mexico	25,756	26,005	24,740	16,650	15,655	6,257	6,897	5,727
Arizona	7,869	8,179	11,294	3,708	4,822	3,380	3,276	3,606
Utah	22,579	23,013	23,608	10,756	9,488	9,916	10,190	11,877
Nevada	2,699	3,463	2,770	1,599	1,392	884	1,164	1,150
Pacific	180,144	215,930	205,615	79,131	89,380	85,956	99,395	106,555
Washington	52,701	66,389	57,588	25,012	25,774	24,004	27,604	28,831
Oregon	39,863	45,887	44,521	18,077	19,754	17,843	20,990	23,070
California	87,580	103,654	103,506	36,042	43,852	44,109	50,801	54,654

Source: Bureau of the Census, Department of Commerce.

No. 552.—MORTGAGE DEBT OF FARMS OWNED WHOLLY BY THE OPERATOR: BY STATES

NOTE.—This table does not include farms operated by managers or tenants or consisting in part of rented land

Division and State	Farms operated by full owners reporting amount of mortgage debt								
	Number of farms			Value of land and buildings (thousands of dollars)			Amount of debt (thousands of dollars)		
	1920	1925	1930	1920	1925	1930	1920	1925	1930
United States	1,193,047	1,128,207	1,145,737	13,775,500	10,790,244	10,307,732	4,003,767	4,517,259	4,080,176
New England	49,456	47,817	45,760	271,163	272,769	323,653	91,756	109,361	117,387
Maine	12,345	11,632	11,198	58,427	59,644	66,734	18,592	24,619	22,539
New Hampshire	4,951	4,591	4,543	20,274	18,264	22,706	6,821	7,209	8,200
Vermont	11,504	10,431	10,884	61,071	51,883	61,755	23,576	24,057	26,376
Massachusetts	11,663	11,660	11,025	70,745	76,362	94,302	23,412	28,402	34,060
Rhode Island	856	869	892	4,865	5,185	7,992	1,494	1,971	2,655
Connecticut	8,137	8,634	7,218	55,781	61,431	70,164	17,861	23,102	23,557
Middle Atlantic	113,441	104,317	109,945	711,868	696,005	853,011	258,397	286,334	333,001
New York	59,735	57,245	55,110	388,114	397,889	435,165	145,533	165,622	170,460
New Jersey	9,290	9,824	9,920	67,176	81,964	106,900	25,123	31,893	39,797
Pennsylvania	44,410	37,248	44,915	256,577	216,152	310,943	87,741	88,818	122,744
East N. Central	274,347	255,246	251,907	2,959,228	2,290,825	2,114,502	922,268	1,011,942	950,569
Ohio	43,068	41,110	45,628	387,188	307,622	333,723	121,121	134,738	143,090
Indiana	40,416	38,734	41,210	439,153	300,320	278,866	105,256	119,621	112,185
Illinois	36,663	31,354	32,226	775,395	535,833	454,764	197,212	218,544	199,229
Michigan	67,119	60,707	55,663	420,108	351,799	339,467	144,103	149,683	141,035
Wisconsin	87,081	83,341	77,180	937,385	795,252	707,682	354,574	389,356	355,030
West N. Central	266,281	239,431	228,199	5,414,232	3,660,025	2,966,693	1,437,337	1,642,124	1,286,834
Minnesota	57,585	52,184	49,667	925,963	612,428	526,964	254,475	267,027	235,114
Iowa	52,341	49,744	47,051	1,814,260	1,272,036	934,084	489,817	625,629	452,903
Missouri	68,784	59,494	58,113	752,003	493,793	413,926	216,463	220,265	187,864
North Dakota	22,623	15,507	13,983	380,133	200,549	158,460	108,285	82,411	60,444
South Dakota	14,039	13,511	11,157	411,837	284,807	166,808	89,875	100,306	64,359
Nebraska	23,986	23,631	22,713	705,561	512,906	444,850	168,508	216,256	172,343
Kansas	26,923	25,270	25,515	424,469	333,506	321,601	109,914	130,231	113,807
South Atlantic	103,039	113,567	122,943	652,812	670,906	688,262	192,669	249,235	241,605
Delaware	1,903	1,723	2,199	11,422	9,374	14,137	4,460	4,326	5,617
Maryland	10,407	10,118	10,524	75,082	69,717	83,644	27,481	29,575	32,864
Dist. of Col	24	16	17	238	222	383	93	77	89
Virginia	21,155	24,269	23,282	151,585	159,208	169,030	41,726	55,890	53,425
West Virginia	9,031	8,409	10,292	43,989	38,533	52,207	11,206	13,828	16,261
North Carolina	20,149	24,983	31,065	103,282	119,996	133,587	31,968	43,621	40,671
South Carolina	12,265	13,669	15,135	92,053	80,251	66,015	25,153	32,564	26,447
Georgia	20,797	22,024	21,992	124,579	122,228	89,402	37,671	51,076	35,624
Florida	7,308	8,356	8,437	50,581	70,877	79,857	12,910	18,279	21,607
East S. Central	109,619	103,782	120,346	570,595	482,813	486,077	176,102	202,449	186,684
Kentucky	35,531	29,782	31,471	230,557	150,923	163,603	67,116	65,403	62,778
Tennessee	27,496	25,770	27,673	159,001	131,288	129,553	49,836	53,890	49,750
Alabama	24,748	23,659	29,617	81,889	79,541	94,205	29,103	33,328	37,422
Mississippi	21,844	24,571	31,585	99,149	121,061	98,716	30,046	49,829	36,734
West S. Central	131,550	117,523	122,321	1,134,348	924,782	952,891	304,632	345,423	322,234
Arkansas	29,504	26,489	26,669	129,348	115,471	92,603	38,539	46,283	35,388
Louisiana	10,301	12,958	14,983	68,362	70,564	70,066	20,491	30,270	26,675
Oklahoma	34,045	27,366	24,097	272,616	184,013	181,340	73,434	73,079	60,932
Texas	57,700	50,710	56,572	664,523	554,735	608,682	172,167	195,790	199,239
Mountain	74,118	59,388	55,714	927,906	543,823	559,443	283,424	234,899	206,919
Montana	21,244	11,754	9,612	240,550	95,174	92,696	77,950	42,565	36,599
Idaho	17,142	12,997	13,210	223,649	121,917	128,334	69,868	54,912	50,225
Wyoming	3,937	3,653	3,721	55,610	33,654	38,177	15,303	14,865	12,782
Colorado	15,735	14,444	12,665	211,701	144,065	127,163	62,623	61,408	48,855
New Mexico	4,331	4,828	3,623	43,085	31,215	32,748	11,178	11,579	10,025
Arizona	2,876	2,628	2,775	50,453	36,330	37,254	15,648	13,321	11,618
Utah	8,086	7,996	9,135	84,578	59,172	82,583	24,335	26,164	28,741
Nevada	767	1,068	973	18,281	22,296	20,488	6,519	10,084	8,074
Pacific	71,196	87,156	88,602	1,132,848	1,248,296	1,363,400	337,184	435,493	434,943
Washington	19,503	23,412	23,813	202,018	199,425	221,341	61,121	74,212	72,303
Oregon	14,355	17,393	18,183	166,663	174,196	185,174	51,999	65,592	64,117
California	37,338	46,351	46,606	764,166	874,675	955,885	224,064	295,689	298,523

Source: Bureau of the Census, Department of Commerce.

No. 553.—FARM EXPENDITURES FOR

[Amounts in thou

Division and State	Feed			Fertilizer					
							Commercial fertilizer		
	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Tons bought
United States	3,283,400	52.2	919,190	2,324,090	37.0	271,059	2,239,546	35.6	7,535,022
New England	104,673	53.8	67,416	68,537	54.9	15,413	68,318	54.7	345,303
Maine	30,493	78.2	11,498	23,953	61.4	7,288	23,865	61.2	170,950
New Hampshire	12,716	85.3	7,623	6,960	46.7	440	6,947	46.6	11,500
Vermont	*21,900*	*88.0*	*11,547*	*11,945*	*48.0*	681	11,928	47.9	*17,443*
Massachusetts	21,634	84.5	20,671	14,289	55.8	3,015	14,232	55.6	68,511
Rhode Island	2,892	87.1	3,047	1,890	56.9	336	1,872	56.4	7,909
Connecticut	15,038	87.5	13,030	9,500	55.2	3,653	9,474	55.1	68,890
Middle Atlantic	293,504	82.1	154,687	224,819	62.9	30,202	206,325	57.7	798,433
New York	131,917	82.5	77,400	90,500	56.6	11,506	81,424	51.0	287,959
New Jersey	20,970	82.6	20,829	16,948	66.8	6,583	16,913	66.6	162,361
Pennsylvania	140,617	81.6	56,458	117,371	68.1	12,113	107,988	62.6	348,113
East North Central	642,422	66.5	146,850	350,789	36.3	29,284	318,594	33.0	773,057
Ohio	140,122	63.9	32,604	131,372	59.9	11,028	129,486	59.0	330,444
Indiana	113,734	62.6	26,135	83,006	45.7	7,054	81,679	45.0	206,144
Illinois	*143,337*	*66.8*	*35,973*	*30,639*	*14.3*	*3,594*	*15,143*	7.1	*53,800*
Michigan	107,275	63.3	21,051	72,128	42.6	5,474	66,550	39.3	140,083
Wisconsin	137,954	75.9	31,087	33,044	18.5	2,134	25,736	14.2	42,586
West North Central	678,626	61.0	214,676	67,978	6.1	4,472	56,419	5.1	106,332
Minnesota	113,627	61.3	19,679	9,402	5.1	714	8,968	4.8	15,803
Iowa	145,500	67.7	53,703	15,767	7.3	1,171	10,015	4.7	21,177
Missouri	167,613	65.5	47,253	35,762	14.0	2,031	32,564	12.7	57,432
North Dakota	28,206	36.3	4,204	572	0.7	52	342	0.4	958
South Dakota	40,527	48.7	12,436	319	0.4	21	103	0.1	133
Nebraska	79,355	61.3	42,286	685	0.5	54	428	0.3	732
Kansas	103,708	62.5	35,115	5,471	3.3	429	3,999	2.4	10,097
South Atlantic	427,520	40.4	63,893	813,149	76.8	119,239	808,199	76.4	3,707,305
Delaware	7,417	76.4	3,685	7,550	77.8	1,301	7,525	77.5	42,736
Maryland	32,070	74.2	10,613	33,697	78.0	5,525	33,676	77.9	180,363
Dist. of Columbia	84	80.8	117	73	70.2	18	72	69.2	305
Virginia	81,507	47.8	12,640	110,588	64.8	11,781	108,102	63.4	388,937
West Virginia	44,942	54.4	5,694	30,320	36.7	1,161	30,208	36.6	45,656
North Carolina	121,859	43.6	11,116	234,426	83.8	34,687	233,467	83.5	1,107,763
South Carolina	40,134	25.4	3,573	139,234	88.2	22,080	138,976	88.0	708,470
Georgia	77,050	30.1	8,358	217,456	85.1	27,533	216,633	84.8	860,602
Florida	22,457	38.1	8,097	39,805	67.5	15,153	39,480	67.0	372,473
East South Central	390,887	36.8	43,041	530,273	49.9	40,094	529,175	49.8	1,185,827
Kentucky	105,486	42.8	12,506	74,112	30.1	2,599	73,822	29.9	92,823
Tennessee	104,476	42.5	10,810	96,794	39.4	4,110	96,613	39.3	138,600
Alabama	88,111	34.2	8,229	208,058	80.8	21,830	207,677	80.7	646,707
Mississippi	92,814	29.7	11,496	151,309	48.4	11,555	151,063	48.3	307,697
West South Central	454,367	41.2	75,221	221,100	20.0	15,719	219,773	19.9	431,855
Arkansas	110,676	45.7	12,407	73,686	30.4	4,607	73,314	30.3	127,293
Louisiana	*59,055*	*36.6*	*7,872*	*66,541*	*41.2*	*5,229*	*66,333*	*41.1*	*143,657*
Oklahoma	93,234	45.7	17,138	4,440	2.2	252	4,171	2.0	7,895
Texas	191,402	38.6	37,804	76,433	15.4	5,631	75,955	15.3	153,010
Mountain	117,397	48.8	48,824	5,817	2.4	630	3,824	1.6	10,272
Montana	20,692	43.6	6,872	303	0.6	30	157	0.3	248
Idaho	22,051	52.9	7,040	1,694	4.1	81	1,342	3.2	2,091
Wyoming	7,905	49.9	5,136	281	1.8	25	203	1.3	358
Colorado	31,212	52.1	13,829	1,484	2.5	165	749	1.2	1,175
New Mexico	12,476	39.7	3,816	844	2.7	98	720	2.3	2,339
Arizona	6,885	48.6	3,472	524	3.7	176	512	3.6	3,704
Utah	13,929	51.3	4,938	646	2.4	49	106	0.4	264
Nevada	2,157	62.7	1,721	41	1.2	6	35	1.0	93
Pacific	174,004	66.5	106,582	41,628	15.9	16,006	28,919	11.0	176,638
Washington	51,429	72.5	26,297	9,610	13.6	1,194	8,370	11.8	21,561
Oregon	38,519	69.8	13,167	8,163	14.8	670	4,499	8.2	12,467
California	84,056	62.0	68,118	23,855	17.6	14,142	16,050	11.8	142,610

[1] Including automobiles, trucks, tractors, etc. [2] Paid to a power company.

SPECIFIED PURPOSES: By States, 1929

sands of dollars]

Farm labor, exclusive of housework (cash)				Farm implements and machinery [1]			Electric light and power [2]			Division and State
Farms reporting	Per cent of all farms	Amount expended	Days of hired labor (thousands)	Farms reporting purchases	Per cent of all farms	Amount expended	Farms reporting purchases	Per cent of all farms	Amount expended	
2,631,601	41.8	955,420	410,985	1,750,588	27.8	692,543	571,007	9.1	46,484	U. S.
73,836	59.1	49,839	16,357	40,420	32.4	17,608	45,522	36.4	2,986	New Eng.
22,795	58.4	9,043	3,091	12,140	31.1	5,384	10,938	28.0	498	Me.
8,849	59.4	3,980	1,410	4,209	28.2	1,700	5,014	33.6	307	N. H.
15,364	61.7	5,495	2,431	8,413	33.8	3,084	6,403	25.7	331	Vt.
15,247	59.6	17,288	5,138	8,775	34.3	4,135	13,821	54.0	1,051	Mass.
1,885	56.7	2,277	721	1,139	34.3	581	1,671	50.3	153	R. I.
9,696	56.4	11,756	3,566	5,744	33.4	2,724	7,675	44.6	646	Conn.
197,988	55.4	94,888	35,908	137,646	38.5	56,994	87,533	24.5	5,735	Mid. Atl.
90,455	56.6	45,421	17,420	65,326	40.9	28,041	43,350	27.1	2,770	N. Y.
14,648	57.7	17,553	5,536	9,880	38.9	5,409	10,968	43.2	920	N. J.
92,865	53.9	31,714	12,852	62,440	36.2	23,544	33,215	19.3	2,045	Pa.
448,362	46.4	132,476	60,664	330,482	34.2	124,124	129,047	13.4	7,372	E. N. C.
90,363	41.2	25,409	11,056	57,431	26.2	20,617	37,695	17.2	1,930	Ohio.
68,943	38.0	16,786	8,258	45,752	25.2	16,589	18,560	10.2	908	Ind.
112,916	52.6	40,946	18,216	77,321	36.0	34,332	18,317	8.5	1,192	Ill.
76,078	44.9	19,353	8,268	60,932	36.0	20,848	24,233	14.3	1,252	Mich.
100,062	55.0	29,482	14,866	89,040	49.0	31,747	30,233	16.6	2,090	Wis.
603,904	54.3	178,678	76,337	481,100	43.2	246,396	72,093	6.5	4,569	W. N. C.
105,057	56.7	27,527	13,204	87,672	47.3	35,115	12,413	6.7	855	Minn.
122,609	57.1	39,081	17,609	108,286	50.4	51,567	25,149	11.7	1,627	Iowa.
96,649	37.8	19,851	10,663	59,551	23.3	17,401	12,486	4.9	602	Mo.
57,838	74.2	24,595	8,705	41,261	52.9	26,745	1,721	2.2	150	N. Dak.
48,762	58.6	14,647	6,144	41,186	49.5	24,375	2,534	3.0	182	S. Dak.
76,806	59.3	25,356	9,946	65,802	50.9	36,080	7,485	5.8	559	Nebr.
96,123	57.9	27,021	10,006	77,282	46.5	55,113	10,305	6.2	594	Kans.
367,186	34.7	91,880	57,253	222,033	21.0	37,512	37,416	3.5	2,241	S. Atl.
5,285	54.4	2,518	1,090	3,423	35.3	1,354	1,027	10.6	89	Del.
25,454	58.9	12,866	5,966	13,407	31.0	5,128	6,226	14.4	446	Md.
70	67.3	317	95	22	21.2	10	54	51.9	3	D. C.
62,451	36.6	18,774	10,338	31,478	18.5	8,474	7,730	4.5	470	Va.
28,933	35.0	5,012	2,581	11,737	14.2	2,880	2,844	3.4	154	W. Va.
88,337	31.8	11,674	7,858	48,125	17.2	6,705	8,774	3.1	403	N. C.
49,180	31.1	9,003	8,656	35,082	22.2	3,589	3,039	1.9	145	S. C.
78,998	30.9	13,992	12,202	67,806	26.5	5,898	3,591	1.4	207	Ga.
27,977	47.4	17,724	8,467	10,953	18.6	3,474	4,131	7.0	324	Fla.
250,148	23.5	38,775	23,532	158,151	14.9	24,724	18,776	1.8	1,031	E. S. C.
70,788	28.7	11,489	6,901	26,550	10.8	6,155	5,863	2.4	323	Ky.
71,184	29.0	8,661	6,278	36,009	14.7	6,575	6,720	2.7	337	Tenn.
60,365	23.5	7,073	5,746	60,208	23.4	5,569	3,339	1.5	197	Ala.
47,811	15.3	6,552	4,607	35,384	11.3	6,425	2,354	0.8	174	Miss.
394,848	35.8	110,614	58,396	215,330	19.5	74,715	18,534	1.7	1,686	W. S. C.
66,036	27.2	9,627	6,043	39,988	16.5	5,955	2,689	1.1	309	Ark.
35,919	22.2	13,081	8,883	23,704	14.7	4,361	1,949	1.2	241	La.
90,606	44.4	22,245	10,025	53,682	26.3	24,462	3,942	1.9	268	Okla.
202,287	40.8	65,661	33,447	97,956	19.8	39,937	9,954	2.0	862	Tex.
132,285	54.8	85,897	31,242	88,578	36.7	56,908	39,160	16.2	2,789	Mountain.
27,421	57.7	16,371	5,754	20,812	43.8	17,442	1,983	4.2	158	Mont.
25,475	61.1	12,706	4,088	17,336	41.6	9,698	10,731	25.7	671	Idaho.
8,481	53.0	8,605	3,199	6,873	42.9	4,727	454	2.8	47	Wyo.
35,016	58.4	21,550	7,756	22,834	38.1	13,700	6,548	10.9	423	Colo.
12,483	39.7	6,556	3,254	6,960	22.2	3,750	1,102	3.5	117	N. Mex.
6,158	43.4	10,389	3,946	3,565	25.2	2,832	3,070	21.7	773	Ariz.
15,127	55.7	6,059	1,974	8,864	32.6	3,877	14,462	53.2	544	Utah.
2,124	61.7	3,661	1,271	1,334	38.8	882	810	23.5	56	Nev.
163,065	62.3	177,573	51,294	76,848	29.4	53,567	122,926	47.0	18,081	Pacific.
40,990	57.8	29,158	8,454	21,229	29.9	12,842	29,070	41.0	1,846	Wash.
31,583	57.3	18,257	6,185	17,107	31.0	9,907	14,991	27.2	796	Oreg.
90,492	66.7	130,158	36,655	38,512	28.4	30,818	78,865	58.1	15,439	Calif.

Source: Bureau of the Census, Department of Commerce.

No. 554.—FARM TAXES, FARMS OWNED WHOLLY BY THE OPERATOR: BY STATES, 1929

[Acreage in thousands; all money figures, except average tax per acre, in thousands of dollars]

Division and State	All farms operated by full owners, number	Farms operated by full owners reporting total taxes and real-estate taxes							
		Number of farms	Per cent reporting	Acreage	Value of land and buildings	Taxes on all farm property	Taxes on land and buildings		
							Total	Average per acre	Ratio to value (per cent)
United States	2,911,644	2,505,157	88.1	325,909	18,841,822	281,403	238,940	$0.73	1.27
New England	107,300	96,741	90.2	10,566	630,572	12,204	9,921	.94	1.57
Maine	35,468	32,303	91.1	3,781	152,856	3,596	2,800	.74	1.83
New Hampshire	12,966	11,021	85.0	1,354	51,500	1,276	1,069	.79	2.08
Vermont	20,662	19,358	93.7	2,858	104,221	2,067	1,591	.56	1.53
Massachusetts	21,410	19,410	90.7	1,394	169,916	3,381	2,839	2.04	1.67
Rhode Island	2,523	2,160	85.6	173	17,904	226	192	1.11	1.07
Connecticut	14,271	12,489	87.5	1,006	134,175	1,658	1,430	1.42	1.07
Middle Atlantic	278,193	249,157	89.6	22,642	1,713,955	28,173	23,434	1.17	1.54
New York	124,206	114,172	91.9	11,861	814,102	12,103	11,486	.97	1.41
New Jersey	19,564	16,554	84.6	976	172,176	3,141	2,745	2.81	1.59
Pennsylvania	134,423	118,431	88.1	9,805	727,617	12,929	12,203	1.24	1.68
East North Central	570,660	521,402	91.4	49,966	4,010,666	76,484	65,193	1.30	1.62
Ohio	136,332	124,572	91.4	10,491	826,522	18,263	14,969	1.43	1.81
Indiana	97,553	87,027	89.2	7,505	533,700	13,235	10,787	1.42	2.02
Illinois	85,069	76,964	90.5	8,511	885,680	11,407	9,756	1.15	1.10
Michigan	118,928	107,248	90.2	9,467	649,949	14,409	13,455	1.42	2.07
Wisconsin	132,778	125,591	94.6	13,902	1,120,815	19,170	16,226	1.17	1.45
West North Central	457,770	418,891	91.5	72,480	4,895,181	62,806	53,600	.74	1.09
Minnesota	97,878	91,588	93.6	12,423	927,764	13,242	11,707	.94	1.26
Iowa	85,272	75,189	88.2	10,007	1,343,765	15,455	13,724	1.37	1.02
Missouri	127,989	119,496	93.4	14,945	794,407	8,628	7,123	.48	.90
North Dakota	25,807	21,326	89.6	7,940	237,600	4,280	3,688	.46	1.55
South Dakota	22,372	18,330	81.9	5,438	262,893	4,014	3,354	.62	1.28
Nebraska	43,301	40,134	92.7	10,996	723,595	7,515	6,118	.56	.85
Kansas	57,151	52,828	92.4	10,730	605,157	9,672	7,886	.73	1.30
South Atlantic	467,100	410,389	87.9	39,849	1,834,544	24,787	19,839	.50	1.08
Delaware	5,816	5,019	86.3	381	31,952	269	238	.63	.75
Maryland	28,333	22,765	80.3	1,932	162,729	2,149	1,873	.97	1.15
Dist. of Col	53	53	100.0	1	1,527	15	14	21.18	.90
Virginia	104,956	97,440	92.8	9,994	519,918	4,694	3,546	.35	.68
West Virginia	60,581	55,553	91.7	5,873	227,978	3,859	2,965	.50	1.30
North Carolina	115,765	103,664	89.5	8,477	376,428	6,366	5,109	.60	1.36
South Carolina	45,515	40,835	89.7	3,940	144,925	2,248	1,810	.46	1.25
Georgia	70,596	59,133	83.8	7,247	188,971	2,026	2,339	.32	1.24
Florida	35,485	25,927	73.1	2,004	180,116	2,261	1,945	.97	1.08
East South Central	397,594	342,303	86.1	34,014	1,171,792	17,341	14,714	.43	1.26
Kentucky	135,215	113,699	84.1	10,873	454,321	5,511	4,601	.42	1.01
Tennessee	109,853	94,737	86.2	8,623	348,756	4,479	4,207	.49	1.21
Alabama	75,144	65,954	87.8	6,965	183,057	2,126	1,731	.25	.95
Mississippi	77,382	67,913	87.8	7,553	185,658	5,225	4,175	.55	2.25
West South Central	325,989	275,222	84.4	49,097	1,636,814	19,777	15,774	.32	.96
Arkansas	72,597	64,475	88.8	6,528	185,149	2,334	1,678	.26	.91
Louisiana	46,893	37,347	79.6	3,235	134,130	2,268	1,859	.57	1.39
Oklahoma	53,647	42,787	79.8	6,630	290,707	4,477	3,759	.57	1.29
Texas	152,852	130,613	85.5	32,704	1,026,828	10,698	8,478	.26	.83
Mountain	130,287	99,498	76.3	30,141	823,374	14,004	10,777	.36	1.31
Montana	20,101	16,030	79.7	7,035	137,045	2,222	1,636	.21	1.19
Idaho	24,194	20,233	83.6	3,387	174,516	3,140	2,586	.76	1.48
Wyoming	7,896	6,151	77.9	3,793	54,867	848	567	.15	1.03
Colorado	26,920	21,938	81.5	6,203	185,735	3,285	2,564	.41	1.38
New Mexico	19,930	12,315	61.8	4,139	59,367	878	655	.16	1.10
Arizona	9,727	4,456	45.8	911	51,947	862	681	.75	1.31
Utah	19,046	16,461	86.4	2,673	125,313	2,245	1,729	.65	1.35
Nevada	2,464	1,884	76.5	1,100	31,584	524	359	.33	1.14
Pacific	176,751	151,584	85.8	17,154	2,118,924	25,827	22,688	1.32	1.07
Washington	49,702	43,907	88.3	3,790	361,502	4,967	4,361	1.15	1.21
Oregon	36,674	32,199	87.8	5,467	290,720	3,961	3,399	.62	1.17
California	90,375	75,478	83.5	7,897	1,466,612	16,899	14,928	1.89	1.02

Source: Bureau of the Census, Department of Commerce.

No. 555.—AVERAGE PREVAILING FARM WAGE RATE AND INDEX NUMBERS OF FARM WAGES

NOTE.—To 1923, yearly averages are from reports by crop reporters, giving average wages for the year in their locality; thereafter, wage rates per month are straight averages of quarterly rates April, July, October of the current year and January of the following year

Year	Average yearly farm wage per month—		Weighted average wage rate per month	Index numbers of farm wages (1910–1914=100)	Year	Average yearly farm wage per month—		Weighted average wage rate per month	Index numbers of farm wages (1910–1914=100)
	With board	Without board				With board	Without board		
1866	$10.09	$15.50	$13.14	55	1916	$23.04	$32.58	$26.83	112
1874 or 1875	11.16	17.10	14.19	59	1917	28.64	40.19	33.42	140
1879 or 1880	11.70	17.53	14.14	59	1918	35.12	49.13	42.12	176
1881 or 1882	12.88	19.11	15.48	65	1919	40.14	56.77	49.11	206
1884 or 1885	13.03	19.22	15.58	65	1920	47.24	65.05	57.01	239
1887 or 1888	13.29	19.67	15.87	66	1921	30.25	43.58	35.77	150
1889 or 1890	13.29	19.45	15.79	66	1922	29.31	42.09	34.91	146
1891 or 1892	13.48	20.02	16.06	67	1923	33.09	46.74	39.04	166
1895	12.75	18.74	14.69	62	1924	33.34	47.22	39.67	166
1899	13.90	19.97	16.34	68	1925	33.88	47.80	40.12	168
1902	15.51	22.12	18.12	76	1926	34.86	48.86	40.88	171
1906	18.73	26.19	21.92	92	1927	34.58	48.63	40.60	170
1909	20.48	28.09	23.00	96	1928	34.66	48.65	40.44	169
1910	19.58	28.04	23.08	97	1929	34.74	49.08	40.52	170
1911	19.85	28.33	23.25	97	1930	31.14	44.59	36.24	152
1912	20.46	29.14	24.01	101	1931	23.60	35.03	27.61	116
1913	21.27	30.21	24.83	104	1932	17.53	26.67	20.46	86
1914	20.90	29.72	24.26	101	1933	15.86	24.51	19.17	80
1915	21.08	29.97	24.46	102	1934	17.89	27.17	21.50	90

Basis of rate and division	1933				1934				1935	
	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.	Jan	Apr.
Per month with board—										
United States	$14.77	$14.67	$15.84	$17.19	$15.73	$17.70	$18.18	$18.63	$17.04	$19.11
New England	24.80	23.22	24.73	27.28	24.40	25.74	27.52	27.07	25.99	27.46
Middle Atlantic	20.52	19.91	21.18	22.36	19.80	22.39	23.17	23.17	20.96	23.22
East North Central	16.05	15.91	17.03	17.61	15.69	18.95	19.24	19.74	17.36	21.62
West North Central	14.48	16.28	17.26	17.52	14.13	18.88	19.26	19.17	15.30	21.10
South Atlantic	11.16	10.62	11.53	13.06	13.38	13.38	13.71	14.45	14.13	14.27
East South Central	10.57	10.39	11.01	12.00	12.27	12.60	13.09	13.21	13.15	13.71
West South Central	12.74	12.10	13.08	15.78	14.87	15.59	15.67	16.20	15.75	16.06
Mountain	20.71	21.58	24.17	25.88	23.03	26.45	28.08	28.95	25.25	27.93
Pacific	26.05	24.74	28.29	30.30	25.87	30.29	31.46	33.62	30.58	32.20
Per month without board—										
United States	23.62	22.98	24.27	25.89	24.90	26.88	27.29	27.83	26.69	28.82
New England	43.87	42.31	42.87	45.79	43.96	46.56	48.12	47.68	46.02	47.46
Middle Atlantic	35.94	33.87	34.51	36.13	34.21	36.80	37.49	37.64	35.45	38.16
East North Central	25.48	24.86	25.71	26.80	25.06	28.29	28.48	28.83	27.62	31.63
West North Central	24.29	24.77	25.89	26.32	23.08	27.92	27.69	27.56	24.90	30.33
South Atlantic	17.09	16.37	17.52	19.46	20.02	20.18	20.41	21.20	21.12	21.44
East South Central	15.48	15.36	16.05	17.09	17.88	18.12	18.46	19.40	19.40	19.89
West South Central	19.53	18.44	19.57	22.43	22.30	22.90	22.98	23.45	23.23	23.93
Mountain	32.06	32.72	35.52	36.53	34.54	39.54	41.02	41.26	37.60	40.98
Pacific	42.82	40.57	46.27	49.04	45.68	48.42	51.39	53.68	50.89	52.58
Per day with board—										
United States	.76	.75	.82	.91	.87	.93	.97	1.00	.92	.97
New England	1.32	1.26	1.37	1.54	1.43	1.47	1.62	1.61	1.52	1.57
Middle Atlantic	1.18	1.18	1.25	1.31	1.24	1.31	1.39	1.46	1.30	1.35
East North Central	.89	.87	.96	1.00	.94	1.04	1.08	1.13	1.02	1.11
West North Central	.81	.83	.92	.98	.88	.97	1.03	1.04	.90	1.03
South Atlantic	.56	.54	.60	.70	.71	.72	.76	.77	.74	.75
East South Central	.52	.52	.55	.62	.62	.66	.65	.69	.66	.69
West South Central	.62	.58	.67	.80	.78	.80	.82	.82	.78	.78
Mountain	.99	1.00	1.08	1.24	1.13	1.23	1.31	1.35	1.23	1.32
Pacific	1.13	1.12	1.21	1.36	1.30	1.40	1.56	1.57	1.46	1.50
Per day without board—										
United States	1.06	1.05	1.12	1.25	1.21	1.27	1.30	1.34	1.26	1.34
New England	1.96	1.87	1.96	2.17	2.09	2.16	2.27	2.29	2.15	2.24
Middle Atlantic	1.72	1.66	1.73	1.82	1.75	1.82	1.95	1.98	1.83	1.93
East North Central	1.19	1.18	1.31	1.38	1.30	1.39	1.43	1.49	1.38	1.53
West North Central	1.16	1.19	1.27	1.35	1.23	1.37	1.41	1.44	1.28	1.46
South Atlantic	.78	.75	.79	.91	.93	.96	.97	1.02	.99	.99
East South Central	.68	.67	.73	.83	.84	.86	.86	.89	.87	.92
West South Central	.83	.82	.87	1.03	1.03	1.02	1.01	1.06	1.03	1.04
Mountain	1.40	1.40	1.51	1.62	1.56	1.71	1.78	1.85	1.71	1.79
Pacific	1.70	1.66	1.79	2.06	2.00	2.11	2.23	2.30	2.17	2.24

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 556.—FARM MACHINERY AND

Division and State	Telephones		Water piped into dwelling		Water piped into bathroom		Dwellings lighted by electricity		Automobiles		
	Farms reporting	Per cent of all farms	Farms reporting	Per cent of all farms	Farms reporting	Per cent of all farms	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms
United States	2,139,194	34.0	994,202	15.8	531,248	8.4	841,310	13.4	4,134,675	3,650,003	58.0
New England	78,284	61.1	79,315	63.9	32,384	26.2	53,655	42.9	89,287	75,566	60.5
Maine	22,189	56.9	19,121	49.0	4,918	12.6	12,920	33.1	26,227	23,015	59.0
New Hampshire	9,313	62.5	10,995	73.8	3,857	25.9	6,160	41.3	11,079	9,288	62.3
Vermont	15,003	60.6	18,013	72.3	6,185	24.8	7,565	30.4	18,620	15,825	63.6
Massachusetts	16,581	64.8	19,083	74.5	10,939	42.7	16,037	62.6	17,638	14,737	57.6
Rhode Island	1,742	52.4	1,887	56.8	1,027	30.9	1,910	57.5	2,569	2,055	61.9
Connecticut	11,366	66.1	10,716	62.3	5,758	33.5	9,063	52.7	13,154	10,646	61.9
Middle Atlantic	161,879	45.3	135,699	37.9	63,766	17.8	114,098	31.9	316,509	264,084	71.1
New York	78,185	48.9	59,276	37.1	29,555	18.5	55,019	34.4	141,916	115,010	72.0
New Jersey	10,373	40.9	12,359	48.7	8,162	32.2	13,441	53.0	22,371	17,782	70.1
Pennsylvania	73,321	42.5	64,064	37.2	26,049	15.1	45,638	26.5	152,222	121,292	70.3
East North Central	560,462	58.0	211,272	21.9	92,489	9.6	202,656	21.0	876,667	770,103	79.7
Ohio	121,214	55.3	64,104	29.2	24,320	11.1	56,740	25.9	201,552	172,078	78.5
Indiana	110,333	60.8	35,451	19.5	14,380	7.9	30,335	16.7	154,556	141,374	77.9
Illinois	147,672	68.8	42,301	19.8	23,583	11.0	34,231	16.0	192,873	170,606	79.5
Michigan	73,757	43.5	40,872	24.1	15,673	9.3	34,785	20.5	150,922	133,565	78.9
Wisconsin	107,486	59.1	28,454	15.7	14,533	8.0	46,565	25.6	176,764	152,485	83.9
West North Central	724,545	65.1	180,402	16.2	94,108	8.5	146,969	13.2	1,075,578	920,814	82.8
Minnesota	114,093	61.9	23,124	12.5	11,183	6.0	23,342	12.6	185,717	159,372	86.0
Iowa	180,876	84.2	51,635	24.0	31,435	14.6	46,012	21.4	240,512	193,810	90.2
Missouri	137,712	53.8	21,308	8.3	10,881	4.3	20,223	7.9	176,466	164,087	64.1
North Dakota	31,878	40.9	5,844	7.5	2,537	3.3	6,192	7.9	78,798	67,496	86.6
South Dakota	44,608	53.6	12,089	14.5	4,657	5.6	9,070	10.9	81,923	71,965	86.5
Nebraska	93,888	72.5	38,357	29.6	17,817	13.8	21,380	16.5	141,144	118,860	91.8
Kansas	120,990	72.8	28,046	16.9	15,598	9.4	20,720	12.5	171,018	145,224	87.5
South Atlantic	117,464	11.1	66,763	6.3	41,354	3.9	64,173	6.1	461,633	445,454	42.1
Delaware	2,420	24.9	1,500	15.5	1,033	10.6	1,561	16.1	8,724	7,498	77.2
Maryland	11,935	27.6	10,354	24.0	6,173	14.3	9,145	21.2	37,972	30,519	70.6
Dist. of Col	69	66.3	48	46.2	43	41.3	67	64.4	60	45	43.3
Virginia	30,418	17.8	15,291	9.0	10,032	5.9	13,009	7.6	88,463	80,296	47.1
West Virginia	28,117	34.0	9,650	11.7	3,848	4.7	5,330	6.4	36,978	33,434	40.5
North Carolina	19,852	7.1	9,308	3.3	5,351	1.9	15,006	5.4	132,876	125,196	44.8
South Carolina	6,357	4.0	5,176	3.3	3,757	2.4	6,067	3.8	61,754	59,029	37.4
Georgia	14,771	5.8	7,877	3.1	4,959	1.9	7,499	2.9	88,479	85,276	33.4
Florida	3,525	6.0	7,559	12.8	6,158	10.4	6,489	11.0	26,387	24,161	41.0
East South Central	142,204	13.4	27,171	2.6	17,316	1.6	31,952	3.0	335,003	320,640	30.2
Kentucky	61,631	25.0	8,378	3.4	5,128	2.1	10,601	4.3	86,784	82,034	33.3
Tennessee	45,205	18.4	8,018	3.3	4,903	2.0	10,010	4.1	89,022	84,067	34.2
Alabama	19,510	7.6	5,182	2.0	3,194	1.2	6,459	2.5	73,634	71,167	27.6
Mississippi	15,858	5.1	5,593	1.8	4,091	1.3	4,792	1.5	85,563	83,372	26.7
West South Central	181,647	16.5	88,376	8.0	50,281	4.6	40,240	3.6	536,641	503,548	45.8
Arkansas	25,046	10.3	3,660	1.5	2,302	1.0	5,121	2.1	65,935	63,800	26.3
Louisiana	6,106	3.8	4,964	3.1	3,841	2.4	4,174	2.6	43,082	41,453	25.7
Oklahoma	53,149	26.1	10,820	5.3	6,521	3.2	8,091	4.0	127,448	117,537	57.7
Texas	97,346	19.6	68,902	13.9	37,527	7.6	22,854	4.6	300,176	280,758	56.7
Mountain	66,217	28.3	48,324	20.0	26,303	10.9	49,173	20.4	183,020	163,303	67.7
Montana	9,697	20.4	5,382	11.3	2,608	5.5	3,547	7.5	33,166	34,477	72.6
Idaho	15,733	37.8	9,970	23.9	5,227	12.5	12,809	30.7	33,966	30,776	73.8
Wyoming	4,483	28.0	1,995	12.5	982	6.1	1,145	7.2	12,824	11,402	71.6
Colorado	23,377	39.8	12,314	20.5	6,183	10.3	9,393	15.7	52,258	45,546	76.0
New Mexico	2,879	9.2	2,804	8.9	1,626	5.2	1,691	5.4	15,395	14,091	44.9
Arizona	2,672	18.9	4,083	28.8	2,772	19.6	3,671	25.9	9,916	8,211	57.9
Utah	7,416	27.3	10,561	38.9	6,157	22.7	15,778	58.1	17,574	14,091	60.2
Nevada	1,460	42.4	1,215	35.3	748	21.7	1,139	33.1	2,921	2,397	69.6
Pacific	106,492	40.7	156,380	59.7	112,947	43.2	138,384	52.9	240,277	196,486	75.1
Washington	31,764	44.8	34,476	48.6	20,726	29.2	34,056	48.0	55,995	50,769	71.6
Oregon	26,557	48.2	24,265	44.0	15,217	27.6	18,397	33.4	47,440	41,511	75.3
California	48,171	35.5	97,639	72.0	77,004	56.8	85,941	63.3	136,842	104,206	76.8

Source: Bureau of the Census, Department of Commerce.

FACILITIES: BY STATES, 1930

Motor trucks			Tractors			Electric motors for farm work			Stationary gas engines			Division and State
Number	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms	
900,365	845,335	13.4	920,021	851,457	13.5	386,191	256,663	4.1	1,131,108	945,000	15.0	U. S.
37,972	33,328	26.7	14,109	13,111	10.5	23,706	14,792	11.8	34,461	27,828	22.3	N. E.
10,781	9,879	25.3	3,410	3,214	8.2	5,575	3,447	8.8	8,342	7,005	18.0	Maine
4,539	4,051	27.2	1,096	1,013	0.8	2,410	1,561	10.5	3,725	3,020	20.3	N. H.
5,035	4,625	18.6	2,426	2,342	9.4	3,645	2,358	9.5	10,062	8,437	33.9	Vt.
9,572	7,982	31.2	3,921	3,503	13.9	6,846	4,266	16.7	5,283	4,328	16.9	Mass.
1,701	1,366	41.1	589	516	15.5	1,181	646	19.4	707	544	16.4	R. I.
6,344	5,425	31.5	2,667	2,463	14.3	4,043	2,514	14.6	5,462	4,494	26.1	Conn.
120,789	109,756	30.7	81,970	76,719	21.5	48,682	32,311	9.0	131,099	103,864	29.0	M. A.
58,974	54,084	33.8	40,369	37,790	23.6	24,342	16,012	10.0	64,723	50,094	31.3	N. Y.
14,753	12,504	49.3	8,088	7,241	28.5	5,879	4,102	16.2	9,036	6,963	27.4	N. J.
47,062	43,168	25.0	33,513	31,688	18.4	18,461	12,197	7.1	57,340	46,807	27.1	Pa.
198,172	189,040	19.6	249,333	238,995	24.7	96,552	95,344	6.8	334,688	281,878	29.2	E. N. C.
39,210	36,693	16.7	52,974	50,693	23.1	21,278	14,000	6.4	52,508	45,108	20.6	Ohio.
30,037	28,468	15.7	41,979	40,402	22.3	11,030	7,705	4.3	39,380	35,192	19.4	Ind.
40,371	38,877	18.1	69,628	66,172	30.8	15,557	10,452	4.0	79,300	66,640	31.1	Ill.
36,768	34,894	20.6	34,579	33,098	19.5	14,802	10,285	6.1	55,366	46,574	27.5	Mich.
51,786	50,108	27.6	50,173	48,630	26.8	33,795	22,812	12.6	108,134	88,364	48.6	Wis.
180,857	174,764	15.7	318,180	295,160	29.5	78,006	49,972	4.5	422,474	356,995	32.1	W. N. C.
36,557	35,503	19.2	48,457	46,171	24.9	19,926	11,721	6.3	112,376	93,382	50.4	Minn.
32,669	31,874	14.8	66,268	63,166	29.4	27,801	17,277	8.0	114,977	94,772	44.1	Iowa.
20,132	19,215	7.5	24,999	23,673	9.2	4,949	3,580	1.4	31,718	27,477	10.7	Mo.
16,990	16,502	21.2	37,605	34,148	43.8	4,878	3,203	4.1	44,165	35,226	45.2	N. D.
14,816	14,485	17.4	33,837	30,972	37.2	4,686	3,283	3.9	34,475	29,765	35.8	S. D.
26,045	25,176	19.4	40,729	37,955	29.3	8,303	5,807	4.5	45,902	41,945	32.4	Nebr.
33,648	32,009	19.3	66,275	59,075	35.6	7,463	5,101	3.1	38,861	34,428	20.7	Kans.
94,946	88,019	8.3	47,376	43,983	4.2	16,063	11,209	1.1	42,900	36,595	3.5	S. A.
2,906	2,781	28.6	1,600	1,447	14.9	513	334	4.0	1,788	1,453	15.0	Del.
11,284	10,205	23.6	7,208	6,744	15.6	3,669	2,557	5.9	9,330	7,832	18.1	Md.
81	57	54.8	17	15	14.4	8	7	6.7	10	8	7.7	D. C.
19,459	17,964	10.5	9,757	9,142	5.4	3,632	2,427	1.4	10,208	8,950	5.3	Va.
7,432	6,936	8.4	2,792	2,641	3.2	1,269	884	1.1	4,314	3,705	4.5	W. Va.
18,558	17,613	6.3	11,426	11,034	3.9	2,320	1,633	.6	4,981	4,547	1.6	N. C.
6,966	6,575	4.2	3,462	3,229	2.0	945	757	.5	2,677	2,358	1.5	S. C.
15,967	15,036	5.9	5,870	5,349	2.1	1,246	968	.4	5,000	4,130	1.6	Ga.
12,203	10,852	18.4	5,244	4,382	7.4	2,481	1,592	2.7	4,502	3,603	6.1	Fla.
45,568	43,234	4.1	24,393	22,594	2.1	4,691	3,509	.3	14,892	13,284	1.3	E. S. C.
7,188	6,740	2.7	7,322	6,951	2.8	1,484	1,121	.5	5,326	4,821	2.0	Ky.
9,039	8,563	3.5	6,805	6,556	2.7	1,603	1,216	.5	4,895	4,382	1.8	Tenn.
12,838	12,169	4.7	4,664	4,259	1.7	972	678	.3	2,485	2,154	.8	Ala.
16,503	15,762	5.0	5,542	4,818	1.5	632	494	.2	2,186	1,927	.6	Miss.
98,791	92,300	8.4	74,010	68,177	5.7	9,862	7,305	.7	35,706	30,671	2.8	W. S. C.
11,000	10,526	4.3	5,084	4,263	1.8	1,460	1,056	.4	4,730	3,911	1.6	Ark.
9,281	8,769	5.4	5,016	3,810	2.4	638	510	.3	2,630	2,072	1.3	La.
23,930	23,039	11.3	25,962	23,328	11.4	2,418	1,688	.8	9,363	8,499	4.2	Okla.
52,580	49,966	10.1	37,348	31,776	6.4	5,351	4,051	.8	18,974	16,189	3.3	Tex.
55,742	52,488	21.8	48,007	43,171	17.9	17,551	11,751	4.9	46,133	38,671	16.0	Mt.
14,615	13,783	29.0	19,031	17,093	36.0	1,708	1,088	2.3	13,639	11,588	24.4	Mont.
6,281	5,986	14.4	4,691	4,377	10.5	6,713	4,406	10.6	10,024	8,252	19.8	Idaho.
4,108	3,820	23.9	4,110	3,749	23.4	481	315	2.0	3,424	2,929	18.3	Wyo.
16,918	16,052	26.8	13,334	12,029	20.1	3,299	2,289	3.8	11,470	9,970	16.6	Colo.
5,328	5,024	16.0	2,497	2,227	7.1	580	393	1.3	2,018	1,567	5.0	N. M.
3,062	2,719	19.2	2,558	2,043	14.4	2,054	1,427	10.1	3,095	2,357	16.6	Ariz.
4,189	3,986	14.7	1,426	1,335	4.9	1,756	1,269	4.7	1,236	1,111	4.1	Utah.
1,241	1,118	32.5	360	318	9.2	960	564	16.4	1,227	897	26.1	Nev.
69,548	62,406	23.8	62,663	54,557	20.8	91,058	60,470	23.1	68,735	55,214	21.1	Pac.
18,836	17,622	24.9	8,388	7,890	11.1	15,788	10,751	15.2	18,762	15,373	21.7	Wash.
9,741	9,110	16.5	9,838	9,157	16.6	9,010	6,043	11.0	17,189	13,633	24.7	Oreg.
40,971	35,674	26.3	44,437	37,510	27.6	66,260	43,676	32.2	32,784	26,208	19.3	Calif.

No. 557.—FERTILIZER: Estimated Sales in the United States

Note.—Data are based on fertilizer tag sales for Southern States and on sales records, etc., for others. Where actual sales records are not available, estimates made by State authorities or the office of the National Fertilizer Association and based largely on records are shown as indicated by footnotes. Estimates for 1932 and 1933 have been revised and differ from those previously published

[In tons of 2,000 pounds]

Division and State	1927	1928	1929	1930	1931	1932	1933	1934 (prel.)
United States	**6,843,199**	**7,985,019**	**8,078,548**	**8,163,870**	**6,306,083**	**4,379,350**	**4,868,540**	**5,532,956**
New England	**383,147**	**365,119**	**357,465**	**366,840**	**362,594**	**316,103**	**282,970**	**305,587**
Maine	183,750	[1] 178,750	185,650	195,650	195,000	[1] 175,000	[1] 149,000	[1] 155,000
New Hampshire [2]	[3] 16,875	[3] 16,900	[4] 11,500	[3] 11,500	[3] 10,500	[3] 10,998	[1] 12,000	[1] 14,000
Vermont	15,663	16,911	14,905	16,089	15,031	11,652	[1] 12,000	13,087
Massachusetts [2]	71,734	70,458	[4] 68,611	66,621	65,063	61,953	54,970	62,000
Rhode Island [1] [5]	10,125	10,100	[4] 7,909	8,000	7,000	6,500	8,000	11,500
Connecticut	[3] 65,000	[3] 72,000	[4] 68,890	[3] 69,000	[3] 70,000	[3] 50,000	[3] 47,000	[1] 50,000
Middle Atlantic	**728,149**	**743,558**	**798,433**	**778,150**	**697,827**	**614,518**	**572,515**	**595,000**
New York	260,000	[1] 260,000	[4] 287,959	[1] 288,000	[1] 260,000	[1] 235,000	[1] 200,000	[1] 210,000
New Jersey [6]	141,635	143,574	[4] 162,361	156,445	150,800	137,651	127,515	[1] 125,000
Pennsylvania	326,514	339,984	[4] 348,113	333,715	287,127	241,865	[1] 245,000	[1] 260,000
East North Central	**718,948**	**755,711**	**820,402**	**788,274**	**598,469**	**374,903**	**420,434**	**541,422**
Ohio	312,703	320,866	338,662	327,179	249,305	169,230	208,869	263,773
Indiana [7]	240,498	221,082	250,201	224,055	166,005	80,384	97,862	149,003
Illinois	[1] 26,000	30,509	38,056	40,818	31,960	16,339	[3] 17,392	[3] 18,077
Michigan	117,227	[1] 150,213	[1] 152,812	[1] 145,000	[1] 105,589	[1] 82,428	[1] 80,000	[1] 90,000
Wisconsin	22,520	33,041	40,671	51,222	45,610	26,513	16,311	19,669
West North Central	**83,574**	**99,565**	**107,638**	**109,714**	**93,275**	**49,025**	**46,914**	**72,421**
Minnesota	11,387	14,211	[4] 15,803	16,254	17,608	9,320	7,257	9,165
Iowa	[3] 7,181	[1] 10,000	[4] 21,177	[1] 24,597	[1] 22,000	[1] 10,000	5,000	[1] 5,000
Missouri [7]	56,100	64,922	58,802	59,810	48,944	26,427	32,422	52,259
North Dakota	308	[1] 450	[4] 958	[3] 1,548	[3] 1,000	[3] 432	[3] 200	[3] 300
South Dakota	[1] 200	[1] 220	[4] 133	[1] 150	[1] 150	[1] 100	[1] 100	[1] 100
Nebraska	[1] 500	[1] 600	[4] 732	[1] 1,000	[1] 500	[1] 200	[1] 200	[1] 100
Kansas	[1] 7,800	9,162	[7] 9,943	[7] 6,355	[7] 2,983	[7] 2,546	[7] 1,735	[7] 5,497
South Atlantic	**3,686,528**	**4,191,219**	**4,048,417**	**4,122,695**	**3,309,019**	**2,353,628**	**2,748,947**	**2,987,414**
Delaware	41,126	40,817	[4] 42,736	43,000	36,361	33,120	28,477	35,000
Maryland	165,174	173,159	[4] 180,363	177,021	146,139	124,880	132,876	146,439
Virginia [7]	408,008	437,709	429,886	449,178	379,269	279,904	307,589	336,015
West Virginia	[1] 43,500	[1] 49,700	[4] 45,656	[1] 45,000	[1] 40,000	[1] 35,000	[1] 40,000	[1] 48,500
North Carolina [7]	1,171,499	1,349,360	1,293,572	1,242,036	1,003,406	696,167	889,310	876,874
South Carolina [7]	726,736	788,293	760,080	749,230	598,866	446,027	581,515	572,279
Georgia [7]	713,047	883,274	868,911	928,606	686,191	357,352	416,283	549,275
Florida [7]	417,438	468,907	427,224	488,624	418,787	381,178	352,897	423,032
East South Central	**880,123**	**1,255,678**	**1,239,001**	**1,325,969**	**841,694**	**408,102**	**526,640**	**675,494**
Kentucky	70,500	90,500	93,000	[7] 113,992	[7] 105,192	[7] 55,220	[7] 58,272	[7] 62,520
Tennessee [7]	112,473	150,726	142,745	163,909	119,156	62,956	76,827	92,457
Alabama [7]	478,400	681,100	675,450	644,350	419,950	205,400	287,350	358,450
Mississippi [7]	218,750	333,350	327,806	403,718	197,386	84,526	104,191	162,067
West South Central	**253,137**	**422,930**	**532,415**	**485,039**	**228,396**	**103,834**	**119,210**	**178,859**
Arkansas [7]	75,487	126,391	156,582	157,648	62,006	17,348	22,140	41,020
Louisiana [7]	92,866	143,693	174,278	175,560	94,359	49,376	61,514	76,326
Oklahoma	[3] [9] 4,263	[7] 8,203	[7] 9,422	[7] 6,613	[7] 7,089	[7] 2,925	[7] 1,985	[7] 4,990
Texas [7]	80,521	144,643	192,133	145,218	64,852	34,185	33,571	55,923
Mountain	**3,833**	**4,558**	**10,272**	**10,690**	**13,870**	**9,941**	**5,502**	**4,821**
Montana	[3] 90	[1] 100	[4] 248	[1] 250	[1] 1,100	[1] 500	[1] 200	[1] 200
Idaho [2]	[1] 450	[1] 500	[4] 2,091	[1] 2,100	[1] 1,000	[1] 1,500	[1] 1,000	[1] 500
Wyoming	[1] 200	[1] 300	[1] 358	[1] 350	[1] 700	[1] 650	[1] 300	[1] 300
Colorado	607	[1] 728	[4] 1,175	[1] 1,200	[1] 3,875	[1] 1,700	[1] 1,000	[1] 800
New Mexico	1,256	[1] 1,400	[4] 2,339	[1] 2,400	[1] 1,045	[3] 541	[3] 952	[3] 1,221
Arizona	[1] 700	[1] 1,000	[4] 3,704	[1] 4,000	[1] 2,100	[1] 2,000	[1] 1,000	[1] 800
Utah	[1] 500	[1] 500	[4] 264	[1] 300	[1] 4,000	[1] 3,000	[1] 1,000	[1] 500
Nevada	[1] 30	[1] 30	[4] 93	[1] 90	[1] 50	[1] 50	[1] 50	[1] 500
Pacific	**125,768**	**146,683**	**164,505**	**176,489**	**160,849**	**149,296**	**145,408**	**171,938**
Washington	14,244	[1] 15,500	[4] 21,561	[1] 21,500	[1] 17,500	[1] 12,000	[1] 12,000	[1] 15,000
Oregon	[1] 9,000	[1] 10,000	[4] 12,467	[1] 12,500	[1] 11,000	[1] 10,000	[1] 9,500	[1] 9,000
California	102,524	121,183	130,477	142,489	132,349	127,296	123,908	147,938

[1] Estimated.
[2] Year ended June 30, except data for 1929.
[3] Estimated by State authorities.
[4] Agricultural census.
[5] Year ended Mar. 31, except data for 1929.
[6] Year ended Oct. 31.
[7] Based on tag sales.
[8] Totals of four companies plus estimates for others.
[9] Year ended June 30.

Source: The National Fertilizer Association.

No. 558.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: BY STATES, 1924 AND 1929

NOTE.—For total number of all farms (base for percentages) see Table 534

Division and State	Number of farms reporting sales			Number of farms reporting purchases			Value of farm products sold		Value of supplies purchased	
	1924	1929	Per cent of all farms, 1929	1924	1929	Per cent of all farms, 1929	1924	1929	1924	1929
							Thousands of dollars			
United States	884,207	691,895	11.0	362,745	410,914	6.5	858,284	892,481	75,971	125,049
New England	10,845	9,170	7.3	10,787	10,897	8.7	20,745	21,068	5,709	8,802
Maine	2,555	755	1.9	1,896	1,874	4.3	3,823	872	626	928
New Hampshire	428	461	3.1	1,701	1,647	11.0	375	676	911	1,113
Vermont	2,745	4,304	17.3	3,186	2,632	10.6	3,876	6,807	1,485	1,513
Massachusetts	2,091	1,448	5.7	2,278	2,891	11.3	4,145	4,988	1,462	2,545
Rhode Island	235	140	4.2	213	148	4.5	571	308	123	172
Connecticut	2,791	2,062	12.0	1,513	1,905	11.1	7,955	7,417	1,102	2,531
Middle Atlantic	39,295	41,068	11.5	24,716	30,856	8.6	50,274	72,167	7,377	16,871
New York	26,586	28,015	17.5	12,509	19,933	12.5	37,945	52,623	3,928	11,408
New Jersey	1,401	1,750	6.9	1,606	1,899	7.5	2,309	5,272	957	1,785
Pennsylvania	11,308	11,303	6.6	10,601	9,024	5.2	10,020	14,272	2,492	3,678
East North Central	205,409	170,992	17.7	103,199	115,368	11.9	145,068	150,849	15,688	24,449
Ohio	39,995	31,067	14.2	24,711	26,736	12.2	27,991	26,103	3,590	6,168
Indiana	28,550	20,461	11.3	14,558	18,742	10.3	17,213	16,087	1,774	3,464
Illinois	52,606	41,857	19.5	17,471	16,861	7.9	52,828	48,934	2,970	3,826
Michigan	38,730	31,331	18.5	25,124	28,721	17.0	19,552	16,581	3,607	5,797
Wisconsin	45,528	46,276	25.5	21,335	24,308	13.4	27,484	42,544	3,738	5,194
West North Central	303,190	290,199	26.1	140,588	159,988	14.4	292,354	310,334	25,740	33,572
Minnesota	79,891	95,639	51.6	26,066	39,561	21.4	73,261	105,966	3,844	6,414
Iowa	72,639	58,970	27.4	34,034	33,183	15.4	81,290	74,635	6,581	7,462
Missouri	60,860	47,442	18.5	33,343	31,982	12.5	32,574	29,448	4,587	6,506
North Dakota	12,913	20,382	26.1	5,527	11,085	14.2	17,032	20,831	1,363	1,622
South Dakota	17,769	18,141	21.8	8,835	11,176	13.4	18,051	16,409	1,451	2,079
Nebraska	28,139	23,397	18.1	15,461	15,098	11.7	32,741	26,649	3,715	4,442
Kansas	30,979	26,228	15.8	17,322	17,903	10.8	36,805	36,396	4,199	5,047
South Atlantic	90,879	28,062	2.7	20,880	15,866	1.5	73,377	41,802	4,968	6,611
Delaware	103	64	.7	415	186	1.9	122	86	136	139
Maryland	6,121	4,533	10.5	3,817	3,383	7.8	7,298	6,925	910	1,178
Virginia	27,560	4,394	2.6	5,768	3,947	2.3	20,912	8,792	1,256	1,475
West Virginia	3,106	1,652	2.0	2,769	2,268	2.7	919	1,207	320	389
North Carolina	22,167	4,606	1.5	2,791	2,158	.8	13,018	2,907	450	463
South Carolina	10,601	2,469	1.6	819	555	.4	8,922	3,856	336	718
Georgia	13,376	5,142	2.0	2,388	1,724	.7	9,082	3,660	304	400
Florida	7,755	5,802	9.8	2,063	1,645	2.8	13,104	14,369	1,257	1,829
East South Central	91,073	19,670	1.9	21,293	15,948	1.5	49,827	13,608	2,691	2,526
Kentucky	53,704	4,793	1.9	3,308	1,260	.5	27,515	2,736	504	276
Tennessee	15,303	3,552	1.4	4,490	2,872	1.2	7,182	1,382	445	382
Alabama	11,365	7,270	2.8	7,640	7,682	3.0	7,029	3,864	1,021	1,360
Mississippi	10,701	4,055	1.3	5,855	4,134	1.3	8,101	5,621	721	508
West South Central	67,715	42,292	3.8	17,720	16,421	1.7	75,724	48,177	2,703	3,882
Arkansas	8,861	4,651	1.9	3,910	2,519	1.0	7,119	3,154	460	358
Louisiana	10,114	7,467	4.6	4,393	6,929	4.3	8,604	7,075	782	1,366
Oklahoma	19,049	21,715	10.7	4,878	5,273	2.6	20,854	23,489	667	950
Texas	29,691	8,459	1.7	4,539	3,700	.7	39,147	14,459	794	1,208
Mountain	24,581	28,347	11.7	8,000	12,298	5.1	35,044	38,703	1,710	3,573
Montana	2,899	5,574	11.7	708	3,034	6.4	3,081	6,730	135	822
Idaho	3,272	7,031	16.9	1,040	2,174	5.2	2,712	7,711	144	447
Wyoming	1,231	2,145	13.4	512	581	3.6	1,009	2,466	226	218
Colorado	10,828	6,783	11.3	3,703	3,339	5.6	21,090	8,400	883	804
New Mexico	2,014	1,443	4.6	829	569	1.8	3,254	2,531	139	171
Arizona	523	639	4.5	222	182	1.3	1,514	2,953	65	95
Utah	3,775	4,193	15.4	974	2,284	8.4	2,368	4,264	116	980
Nevada	39	539	15.7	12	135	3.9	16	1,648	2	36
Pacific	51,220	61,495	23.5	15,612	31,272	11.9	115,871	197,778	9,385	24,763
Washington	13,205	16,737	23.6	6,500	11,885	16.8	20,564	33,338	3,470	9,006
Oregon	5,590	8,638	15.7	2,858	4,502	8.2	8,062	11,367	1,160	1,445
California	32,425	36,120	26.6	6,254	14,885	11.0	87,245	153,073	4,755	14,312

Source: Bureau of the Census, Department of Commerce.

No. 559.—FARMERS' BUSINESS ASSOCIATIONS: ASSOCIATIONS, AND ESTIMATED MEMBERSHIP AND BUSINESS, BY STATES AND COMMODITY GROUPS

NOTE.—Business in thousands of dollars. Estimates are based on reports received from association officers. Membership includes shareholders, contract members, shippers, consignors, and patrons. *Business* includes the f. o. b. value at shipping point of farm products sold by the associations, the sales value of farm supplies sold to members, and the revenue derived by associations rendering services such as ginning cotton, warehousing tobacco, storing wheat, etc.

Division and State	Associations listed			Estimated membership			Estimated business		
	1925	1933	1934	1925	1933	1934	1924–25	1932–33	1933–34
United States	10,803	11,000	10,900	2,700,000	3,000,000	3,156,000	2,400,000	1,340,000	1,365,000
New England	259	214	202	76,000	94,430	109,840	85,170	55,760	54,870
Maine	82	50	46	14,400	6,590	7,760	12,460	2,760	3,460
New Hampshire	14	13	12	2,600	1,380	3,410	3,230	2,490	1,655
Vermont	61	48	44	8,200	7,380	8,760	11,040	8,910	9,270
Massachusetts	48	52	49	39,200	70,780	80,210	39,130	31,260	31,910
Rhode Island	7	6	6	400	420	1,680	1,300	550	470
Connecticut	47	45	45	10,200	7,880	8,020	18,010	9,970	8,105
Middle Atlantic	522	457	485	160,000	225,650	206,350	153,030	153,655	152,380
New York	286	239	236	100,000	154,390	129,250	103,760	114,290	110,300
New Jersey	20	50	52	6,000	15,160	15,200	5,930	5,680	9,850
Pennsylvania	216	168	170	54,000	56,100	61,900	43,390	33,680	32,120
East North Central	3,075	2,971	2,891	575,000	831,430	866,620	558,270	317,110	304,990
Ohio	395	342	333	115,300	146,070	140,290	107,340	55,030	51,910
Indiana	330	282	276	80,300	140,580	135,570	60,440	31,430	33,200
Illinois	822	839	786	131,000	245,200	271,900	195,210	121,480	123,150
Michigan	436	358	356	128,300	137,800	136,900	82,200	42,210	34,270
Wisconsin	1,092	1,150	1,140	120,100	161,180	183,960	113,080	66,960	62,460
West North Central	4,825	4,817	4,794	850,000	1,072,350	1,137,700	836,630	372,030	369,120
Minnesota	1,383	1,448	1,458	217,400	312,480	335,450	223,980	109,170	109,840
Iowa	1,094	1,060	1,010	179,800	243,700	239,940	172,710	89,500	85,270
Missouri	537	556	608	170,500	156,390	166,500	83,490	45,850	52,870
North Dakota	460	518	505	60,300	68,480	73,250	91,280	25,440	27,540
South Dakota	397	321	343	65,000	80,320	78,800	74,080	25,300	10,330
Nebraska	488	488	529	74,100	139,410	165,210	91,930	37,740	45,160
Kansas	466	436	441	82,800	71,570	78,550	99,160	39,030	29,610
South Atlantic	385	455	425	280,000	158,575	139,440	152,325	68,970	57,931
Delaware	12	4	3	1,200	100	30	960	40	20
Maryland	16	44	41	12,600	22,090	16,450	12,200	13,080	8,860
Dist. of Columbia	1	2	2	1,000	1,310	1,110	2,300	5,090	5,100
Virginia	96	74	80	25,700	36,550	39,940	21,615	11,310	8,001
West Virginia	42	45	39	6,100	10,985	10,020	2,320	3,170	1,276
North Carolina	50	71	66	139,900	35,550	31,950	43,380	4,390	5,810
South Carolina	18	19	19	16,600	12,720	13,070	18,130	4,100	7,020
Georgia	46	59	50	67,000	21,870	16,190	16,210	2,910	3,110
Florida	104	137	119	9,000	10,800	10,680	34,710	21,680	18,077
East South Central	277	276	256	295,000	164,880	163,580	117,270	30,570	49,780
Kentucky	56	48	44	194,700	24,940	32,280	58,650	5,440	4,940
Tennessee	111	98	93	32,600	60,000	56,370	9,560	9,650	17,060
Alabama	63	76	74	38,300	43,360	51,090	16,940	5,090	7,890
Mississippi	47	53	45	29,400	36,580	43,240	32,120	10,390	19,890
West South Central	454	568	580	250,000	176,220	194,910	128,630	57,210	90,187
Arkansas	101	86	72	54,500	8,900	9,710	17,935	3,220	2,993
Louisiana	38	37	42	25,800	26,000	26,100	13,340	10,970	13,530
Oklahoma	143	229	214	92,200	64,920	78,070	46,550	15,580	29,824
Texas	172	216	252	77,500	76,400	81,030	50,805	27,430	43,840
Mountain	363	467	482	75,000	111,955	133,610	70,950	54,930	55,331
Montana	102	151	160	21,200	22,090	28,320	19,690	8,710	10,282
Idaho	59	74	74	11,200	24,500	31,100	13,250	9,720	11,194
Wyoming	18	29	28	2,300	5,620	7,760	2,520	1,990	2,152
Colorado	101	121	130	21,200	34,350	38,500	23,600	19,950	18,364
New Mexico	20	19	19	2,500	2,780	2,900	2,160	1,580	1,600
Arizona	20	17	17	2,600	2,610	2,220	5,240	1,660	1,270
Utah	41	47	44	13,800	19,200	22,440	4,410	10,940	13,129
Nevada	2	9	10	200	805	370	80	380	340
Pacific	643	776	812	140,000	164,510	181,950	297,675	231,770	227,431
Washington	172	193	207	31,700	48,270	61,640	52,060	50,330	47,750
Oregon	121	160	158	17,100	32,940	34,870	21,655	19,840	16,687
California	350	423	447	91,200	83,300	85,440	223,960	161,600	162,994
Commodity groups:									
Cotton and products	121	274	250	300,000	200,000	200,000	150,000	42,000	100,000
Dairy products	2,197	2,293	2,286	460,000	724,000	757,000	535,000	390,000	380,000
Fruits and vegetables	1,237	1,268	1,194	180,000	170,000	185,000	280,000	200,000	182,000
Grain [1]	3,338	3,131	3,178	520,000	600,000	600,000	750,000	280,000	285,000
Livestock	1,770	1,575	1,371	400,000	440,000	410,000	320,000	182,000	162,000
Poultry products	71	154	147	50,000	78,000	73,000	40,000	53,000	48,000
Tobacco	24	20	16	300,000	60,000	46,000	90,000	6,500	5,500
Wool and mohair	91	115	120	50,000	62,000	63,800	10,000	9,000	13,700
All others	1,954	2,170	2,338	440,000	666,000	820,600	225,000	177,500	188,800

[1] Includes dry beans and rice.

Source: Farm Credit Administration

26.—FARM PRODUCTION AND RELATED STATISTICS

[Data in this section relate to continental United States except foreign-trade statistics, which represent the trade of the "customs area" (see headnote, table 482)]

No. 560.—INDEXES OF THE VOLUME OF NET AGRICULTURAL PRODUCTION

NOTE.—1924–1929=100. Indexes are based on estimates of production for sale and for consumption in the farm home. Products fed to livestock or used for seed are not included. Calendar-year production of livestock and livestock products are here compared with crop production of the same year. Commodities included in the index contributed about 93 percent of the gross farm income during 1924–29

Year	Total	Crops					Livestock and products			
		Total	Grains	Fruits and vegetables	Truck crops	Cotton and cottonseed	Total	Meat animals	Dairy products	Poultry products
1919	87	89	104	84	58	76	86	98	78	74
1920	91	101	117	100	70	88	83	91	77	74
1921	83	77	102	75	61	53	87	92	83	85
1922	92	89	100	108	81	65	94	102	87	88
1923	95	90	100	103	79	67	99	107	91	98
1924	97	96	102	96	91	91	97	102	94	91
1925	97	99	98	90	96	107	96	97	96	94
1926	102	106	96	109	93	120	98	98	99	99
1927	99	95	103	94	105	87	102	101	102	105
1928	104	106	108	117	102	97	103	101	103	106
1929	101	97	93	94	113	99	104	101	106	106
1930	101	95	85	106	113	92	105	101	107	109
1931	107	104	89	115	109	112	109	107	110	109
1932	100	90	85	101	113	86	107	106	110	105
1933	97	82	61	99	105	86	109	108	110	106
1934 (preliminary)	91	68	41	102	114	64	110	115	106	102

No. 561.—ESTIMATED GROSS AND CASH INCOME FROM FARM PRODUCTION

NOTE.—In millions of dollars. See headnote, table 562. Data for 1924 to 1934 are based on State totals (shown for 1932 to 1934 in table 563) adjusted to exclude interstate sales of seeds for planting and to include estimates of income from poultry other than chickens and from honey not estimated by States. Data for 1924 to 1928 are subject to revision. "Livestock" includes livestock products

Year	Gross income			Year	Gross income			Cash income, total
	Total	Crops	Livestock		Total	Crops	Livestock	
1909	6,238	3,314	2,925	1922	9,944	5,350	4,594	----
1910	6,643	3,517	3,126	1923	11,041	5,969	5,072	----
1911	6,372	3,536	2,836	1924	11,337	6,170	5,167	9,040
1912	6,784	3,688	3,096	1925	11,968	6,147	5,820	10,086
1913	6,975	3,647	3,328	1926	11,480	5,468	6,012	9,668
1914	7,028	3,700	3,328	1927	11,616	5,817	5,799	9,872
1915	7,395	3,985	3,410	1928	11,741	5,675	6,066	9,999
1916	8,914	4,968	3,947	1929	11,941	5,434	6,507	10,417
1917	12,832	7,431	5,401	1930	9,454	3,818	5,636	8,030
1918	15,101	8,119	6,982	1931	6,968	2,746	4,222	5,801
1919	16,935	9,431	7,503	1932	5,337	2,295	3,042	4,377
1920	13,566	6,862	6,704	1933	[1] 6,406	3,032	3,096	[1] 5,409
1921	8,927	4,488	4,440	1934 (preliminary)	[1] 7,300	3,077	3,629	[1] 6,267

Source of gross income	1929	1930	1931	1932	1933	1934
Total crops and livestock [2]	11,941	9,454	6,968	5,337	6,128	6,706
Crops, total	5,434	3,818	2,746	2,295	3,032	3,077
Grains	1,297	806	488	452	601	536
Fruits and nuts	707	567	457	324	412	464
Vegetables	1,130	934	726	611	754	701
Sugar crops	83	94	69	69	79	61
Cotton and cottonseed	1,389	751	528	464	688	723
Tobacco	286	212	130	108	179	241
Other crops	542	454	348	267	319	351
Livestock and livestock products, total	6,507	5,636	4,222	3,042	3,096	3,629
Cattle and calves	1,111	951	681	499	476	717
Hogs	1,531	1,361	930	548	617	613
Sheep and wool	262	204	158	106	152	184
Poultry and eggs	1,241	1,059	816	609	561	664
Dairy products	2,323	2,031	1,614	1,260	1,263	1,421
Other	30	30	23	20	27	30
Rental and benefit payments [3]	----	----	----	----	278	594

[1] Including rental and benefit payments (see note 3). [2] Not including rental and benefit payments. [3] Preliminary estimates of payments made or to be made are: 1933—Cotton, $173,700,000; tobacco, $5,800,000; wheat, $98,600,000; 1934—cotton, $115,800,000; tobacco, $36,300,000; wheat, $101,500,000; corn, $111,800,000; sugar beets, $18,500,000; sugarcane, $6,500,000; hogs, $203,700,000.

Source of tables 560 and 561: Bureau of Agricultural Economics, Department of Agriculture.

No. 562.—ESTIMATED FARM VALUE OF PRODUCTS, GROSS INCOME, AND CASH INCOME: By Commodities

NOTE.—Farm values of crops and animal products are obtained by multiplying State quantities by State average prices. Prices used in most cases are weighted averages—for animal products, calendar-year averages; for crops, averages for the period during which the crop is marketed. Gross income represents value of farm production sold plus value of production retained for use in the farm home, excluding, in the case of crops, amounts retained for feed and seed and amounts unfit for sale and consumption. Cash income excludes products used in the farm home. Farm values for a few crops differ somewhat from values shown in tables relating to individual crops which are based on revised production or price data

[In millions and tenths of millions of dollars]

Product	Farm value			Gross income			Cash income		
	1932	1933 [1]	1934 [1]	1932	1933 [1]	1934 [1]	1932	1933 [1]	1934 [1]
Grand total [2]	----	----	----	5,323.3	6,115.2	6,094.9	4,368 3	5,124.0	5,667.0
All crops	3,974.2	5,199.3	5,467.4	2,297.0	3,036.2	3,084.2	1,920.6	2,605.7	2,688.1
Corn	925.3	1,227.2	1,169.0	171.4	215.3	[3] 137.3	157.0	194.5	[3] 110.9
Wheat	282.8	391.8	436.9	203.1	[3] 288.1	[3] 303.3	195.9	[3] 275.4	[3] 289.2
Oats	195.3	244.1	259.4	34.8	36.3	30.3	34.8	36.3	30.3
Barley	66.4	67.5	84.4	16.9	19.6	26.9	16.9	19.6	26.9
Rye	11.2	13.1	12.0	4.1	4.3	3.1	4.0	4.1	2.8
Buckwheat	2.9	4.4	5.4	2.0	3.2	4.1	1.6	2.7	3.6
Rice	17.3	28.8	29.7	16.5	27.4	28.3	16.5	27.4	28.3
Grain sorghums	20.3	44.9	28.4	2.6	6.3	1.9	2.6	6.3	1.9
Other grains	1.9	1.6	1.8	.9	.6	.6	.9	.6	.6
Flaxseed	10.3	11.3	9.1	9.5	10.0	7.6	9.5	10.0	7.6
Cotton lint	424.0	634.4	612.8	424.0	[3] 634.4	[3] 612.8	424.0	[3] 634.4	[3] 612.8
Cottonseed	59.9	83.7	155.0	40.3	53.9	110.0	40.3	53.9	110.0
Tobacco	107.8	179.5	240.9	107.8	[3] 179.5	[3] 240.9	107.8	[3] 179.5	[3] 240.9
Hay	509.1	601.2	740.8	53.2	65.3	85.9	53.2	65.3	85.9
Sweet sorghum forage	15.6	24.7	34.0	1.3	2.3	2.7	1.3	2.3	2.7
Clover seed	8.5	9.2	12.0	7.3	7.6	9.2	7.3	7.6	9.2
Alfalfa seed	3.4	6.2	8.0	3.0	5.7	7.3	3.0	5.7	7.3
Other grass seed	4.6	6.2	7.1	4.1	5.5	5.6	4.1	5.5	5.6
Dry edible beans	20.0	32.5	34.7	18.1	29.9	31.1	18.0	29.7	30.8
Soybeans	10.7	16.6	27.7	4.9	7.7	14.8	4.9	7.7	14.8
Cowpeas	9.2	13.4	14.5	3.1	4.8	5.3	2.8	4.2	4.6
Peanuts	22.1	37.1	47.3	13.5	21.7	30.6	13.0	20.9	29.7
Potatoes	140.9	203.7	199.3	116.2	222.4	162.6	81.0	165.2	120.5
Sweetpotatoes	42.2	45.4	54.4	35.1	40.1	40.6	23.4	25.8	29.9
Truck crops	222.7	230.8	259.0	222.7	230.8	259.0	214.1	221.3	249.0
Hops	4.2	12.1	5.8	4.2	12.1	5.8	4.2	12.1	5.8
Apples	86.6	111.8	109.4	86.6	111.8	109.4	72.6	94.0	95.4
Peaches	18.8	32.3	34.8	18.8	32.3	34.8	15.3	26.7	29.5
Pears	7.6	10.8	16.2	7.6	10.8	16.2	6.3	9.0	14.3
Cherries	5.2	6.6	6.8	5.2	6.6	6.8	4.3	5.6	5.8
Plums and apricots	2.8	4.1	3.8	2.8	4.1	3.8	1.8	2.8	3.0
Grapes	27.0	33.8	35.5	27.0	33.8	35.5	25.1	31.8	33.7
Strawberries	32.5	27.9	31.5	32.5	27.9	31.5	31.7	27.1	30.8
Small fruits	10.6	9.5	10.8	10.6	9.5	10.8	10.0	8.9	10.1
Cranberries	4.2	4.0	4.6	4.2	4.0	4.6	4.2	4.0	4.6
Pecans	3.0	4.7	5.0	3.0	4.7	5.0	2.4	3.9	3.9
Other fruits and nuts	112.0	144.5	175.5	111.8	144.3	175.2	111.2	143.6	174.3
Sugar beets for sugar	47.8	56.6	38.5	47.7	56.6	[3] 38.5	47.7	56.6	[3] 38.5
Sugarcane and sirup	16.3	18.3	17.2	13.7	15.1	[3] 14.1	10.9	11.5	[3] 10.4
Sorghum sirup	5.8	7.2	7.0	3.9	4.9	4.8	1.3	1.7	1.7
Maple sugar and sirup	4.0	2.8	3.5	4.0	2.8	3.5	3.6	2.5	3.1
Forest products	157.4	169.9	170.7	105.4	114.8	116.7	53.5	59.6	62.8
Farm gardens	214.7	219.1	195.4	214.7	219.1	195.4	----	----	----
Nursery products	31.1	39.3	40.8	31.1	39.3	40.8	31.1	39.3	40.8
Greenhouse products	44.2	56.1	57.3	44.2	56.1	57.3	44.2	56.1	57.3
Other crops	4.2	8.4	13.7	1.4	3.2	5.5	1.4	3.2	5.5
Livestock and livestock products	3,177.0	3,199.5	3,327.0	3,026.3	3,079.0	3,610.7	2,447.7	2,518.3	2,978.9
Cattle and calves	571.4	543.8	[4] 503.7	498.6	475.8	[4] 717.4	482.6	460.6	[4] 701.6
Hogs	554.5	[5] 590.3	489.6	548.4	[5] 616.6	[5] 613.2	439.5	[5] 509.4	[5] 493.9
Sheep and lambs	73.8	83.0	[4] 98.0	76.0	77.1	[4] 106.5	74.5	75.3	[4] 104.4
Horses and mules	32.2	39.6	43.0	11.4	14.7	18.6	11.4	14.7	18.6
Chickens	245.2	205.8	220.1	240.9	207.4	236.7	157.9	136.0	156.6
Eggs (chicken)	373.3	350.7	433.5	359.0	345.0	417.2	265.2	253.6	310.0
Milk	1,294.6	1,296.6	1,450.2	1,260.4	1,262.6	1,421.3	985.1	988.9	1,114.0
Wool and mohair	31.5	79.8	79.9	31.5	79.8	79.9	31.5	79.8	79.9

[1] Gross and cash income do not include rental and benefit payments; for amounts, see table 561. These items and also farm value include for 1933, $30,643,000 value of hogs slaughtered under the Agricultural Adjustment Administration reduction plan and for 1934, Government purchases of cattle and calves, $100,165,000, and sheep and lambs, $7,206,000.

[2] For United States totals adjusted for interstate duplications, see table 561.

[3] Not including rental and benefit payments; for amounts of this item see table 561.

[4] Includes Government purchases. See note 1.

[5] Includes value of A. A. A. slaughter.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 563.—ESTIMATED GROSS AND CASH INCOME FROM FARM PRODUCTION: BY STATES

[In millions and tenths of millions of dollars. See headnote table 562

Division and State	Gross income					Cash income					Cash income and benefit payments	
	Crops and livestock combined			1934 [1]		Crops and livestock combined			1934 [1]			
	1932	1933 [1 2]	1934 [1 3]	Crops	Livestock and products [3]	1932	1933 [1 2]	1934 [1 3]	Crops	Livestock and products [3]	1933 [2]	1934 [3]
United States [4]	5,323.3	6,115.2	6,694.9	3,084.2	3,610.7	4,368.3	5,124.0	5,667.0	2,688.1	2,978.9	5,402.1	5,261.1
New England	197.4	209.3	200.5	72.1	128.4	161.4	181.9	173.2	58.5	114.7	182.8	175.4
Maine	40.6	56.2	42.0	20.8	22.2	32.7	48.0	34.9	16.6	18.2	48.0	34.9
N. H	17.6	17.9	18.5	4.8	13.7	14.8	14.9	15.6	3.3	12.3	14.9	15.7
Vt	32.9	32.8	34.6	7.5	27.1	28.2	27.6	29.5	4.6	24.9	27.6	29.6
Mass	51.3	55.0	55.2	23.1	32.2	45.8	48.9	49.2	20.2	29.0	49.1	50.2
R. I	6.7	7.4	7.5	2.2	5.3	5.9	6.6	6.7	1.8	4.9	6.6	6.7
Conn	38.3	40.2	41.8	13.8	28.0	34.0	35.8	37.3	11.9	25.4	36.1	38.4
Mid. Atlantic	484.9	540.7	573.3	193.3	379.5	417.1	466.3	504.7	170.3	334.4	467.7	507.8
N. Y	223.5	251.6	262.8	86.2	176.6	194.6	220.8	232.3	73.4	158.8	220.9	232.7
N. J	69.9	75.0	77.9	36.2	41.7	63.9	69.2	71.9	34.0	38.0	69.3	72.3
Pa	191.5	214.2	232.6	70.8	161.2	158.6	176.3	200.5	62.9	137.6	177.6	202.6
E. N. Central	951.0	1,056.6	1,169.9	369.2	800.8	805.3	900.3	1,008.1	312.5	695.6	908.2	1,115.8
Ohio	191.7	223.2	249.4	86.3	163.2	157.1	185.8	209.2	71.9	137.3	187.9	230.6
Ind	161.0	177.4	205.6	65.3	140.3	134.4	150.4	176.7	55.6	121.1	152.2	204.3
Ill	271.8	291.8	308.7	97.8	210.9	235.5	256.3	271.9	88.5	183.4	258.8	314.8
Mich	142.3	160.5	176.3	72.7	103.6	118.6	133.8	149.3	61.5	87.8	134.6	155.7
Wis	184.2	203.6	230.0	47.1	182.9	159.6	174.1	201.1	35.0	166.1	174.6	210.4
W. N. Central	1,182.2	1,289.8	1,347.3	257.1	1,090.2	1,021.3	1,127.5	1,196.4	214.7	971.7	1,184.0	1,430.9
Minn	195.3	215.4	234.5	57.7	176.8	169.6	188.4	207.7	48.7	158.9	190.3	230.9
Iowa	311.2	345.6	355.4	42.5	312.8	276.9	309.0	320.2	33.2	287.1	309.4	394.6
Mo	180.4	208.3	216.3	54.6	161.6	147.8	171.2	177.6	40.9	136.7	175.3	206.8
N. Dak	78.1	91.5	69.0	16.5	52.5	67.5	80.1	57.1	14.1	43.0	94.7	75.2
S. Dak	76.4	75.3	73.5	2.9	70.6	66.2	65.7	64.0	1.8	62.2	70.8	83.4
Nebr	166.7	184.6	194.5	21.1	173.5	147.5	165.4	176.5	18.3	158.2	171.4	214.7
Kans	168.2	169.0	204.1	61.8	142.3	146.2	147.7	183.3	57.8	125.5	172.1	225.2
S. Atlantic	620.3	739.8	938.8	674.4	264.2	421.9	582.7	718.7	575.0	143.7	618.7	783.3
Del	12.1	12.6	15.7	8.5	7.2	10.1	10.7	13.7	7.6	6.1	10.8	13.8
Md	51.0	55.0	64.7	31.9	32.8	41.2	45.1	53.8	27.6	26.1	45.9	55.2
Va	101.1	118.4	139.5	82.1	57.4	61.9	77.6	97.4	62.2	35.2	78.4	101.7
W. Va	44.7	47.6	51.4	18.5	32.9	24.3	26.0	29.2	8.6	20.7	26.1	29.8
N. C	150.1	227.2	296.3	234.9	61.4	97.7	170.9	226.9	207.4	19.6	177.6	243.9
S. C	73.3	95.9	110.9	87.3	23.6	48.5	70.5	84.4	76.2	8.2	80.8	93.6
Ga	105.5	145.2	172.9	131.4	41.6	64.5	102.6	126.0	110.5	15.6	117.2	137.6
Fla	82.5	87.9	97.2	79.8	17.4	73.8	79.4	87.3	75.0	12.3	79.9	88.1
E. S. Central	422.4	493.9	590.2	408.4	191.7	268.0	331.2	415.5	321.1	94.5	368.5	485.8
Ky	113.6	123.7	143.8	82.3	61.5	73.7	81.0	97.8	60.6	37.2	81.3	113.8
Tenn	105.3	126.5	141.6	90.9	50.6	66.7	84.8	99.0	68.9	30.1	90.0	109.6
Ala	101.2	122.5	151.2	115.0	36.2	58.6	78.2	103.4	91.1	12.2	92.7	114.2
Miss	102.2	121.2	153.6	120.3	33.4	68.9	87.2	115.4	100.4	15.0	104.5	128.2
W. S. Central	664.7	803.3	782.5	487.9	294.6	524.3	665.3	637.3	440.7	196.6	781.5	728.4
Ark	100.4	113.2	125.1	92.0	33.1	72.3	84.6	96.0	80.3	16.4	101.6	109.1
La	81.1	88.3	102.9	78.5	24.4	60.4	67.8	80.4	69.1	11.3	75.7	93.3
Okla	123.3	158.1	130.4	63.9	66.5	97.3	132.0	103.1	56.2	47.0	155.7	123.7
Tex	359.9	443.7	424.1	253.6	170.6	294.4	380.8	357.1	235.2	121.9	448.4	402.2
Mountain	275.7	317.1	376.6	143.8	232.8	244.4	285.4	345.0	135.3	209.7	300.2	375.9
Mont	55.1	58.6	82.9	34.7	48.2	48.0	51.5	75.5	32.5	43.0	57.8	84.1
Idaho	47.1	61.1	67.4	35.0	32.4	41.9	55.9	62.3	33.3	29.0	59.3	68.3
Wyo	24.2	28.7	37.3	6.4	30.8	21.3	25.9	34.6	5.8	28.8	26.3	36.6
Colo	65.0	72.8	77.1	25.6	51.5	58.3	65.8	70.2	24.3	45.9	68.0	79.5
N. Mex	24.8	29.2	39.6	12.8	26.8	21.3	25.7	36.2	12.1	24.1	26.9	37.9
Ariz	24.8	29.4	35.0	19.6	15.4	22.4	27.2	32.9	19.2	13.7	27.8	34.0
Utah	28.4	30.4	29.4	8.7	20.8	25.4	27.3	26.3	7.5	18.8	27.9	28.3
Nev	6.4	6.8	7.9	.9	7.0	5.7	6.1	7.2	.7	6.5	6.1	7.3
Pacific	530.3	609.7	707.8	469.2	238.6	499.7	577.7	675.2	457.3	217.9	587.8	693.2
Wash	93.1	115.4	131.0	80.1	50.9	88.0	104.3	119.6	75.3	44.3	110.1	126.3
Oreg	65.1	75.2	83.3	40.8	42.6	56.7	66.3	74.5	36.9	37.6	69.0	78.1
Calif	372.1	419.1	493.5	348.4	145.1	360.0	407.1	481.1	345.1	136.1	408.7	488.8

[1] Rental and benefit payments by Agricultural Adjustment Administration are not included.
[2] Includes $30,643,000 value of hogs slaughtered under Agricultural Adjustment Administration reduction plan.
[3] Includes Government purchases of cattle, sheep, and lambs, amounting to $113,371,000.
[4] United States totals include data for sugar beets for minor producing States for which separate estimates are not available, as follows: Gross and cash income, 1932, $4,456,000; 1933, $5,472,000; 1934, $2,827,000; benefit payments, 1934, $1,523,000. For income for the United States adjusted for interstate duplications, see table 561.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 564.—ESTIMATED CASH INCOME, PRODUCTION EXPENSES, AND CASH AVAILABLE AFTER DEDUCTING PRODUCTION EXPENSES, 1924 TO 1934

[In millions of dollars]

Year	Cash income [1]	Total operating expenditures [2]	Cash wages to hired labor [3]	Interest payable [4]	Taxes payable [5]	Total production expenses	Cash available after deducting production expenses
1924	9,040	2,554	865	731	541	4,691	4,949
1925	10,086	2,855	899	723	547	5,024	5,062
1926	9,658	2,900	932	717	557	5,106	4,552
1927	9,872	2,837	942	708	577	5,064	4,808
1928	9,999	3,109	948	702	588	5,347	4,652
1929	10,417	3,289	955	682	601	5,527	4,890
1930	8,030	2,734	809	654	600	4,797	3,233
1931	5,801	1,947	587	626	550	3,710	2,091
1932	4,377	1,452	380	596	476	2,904	1,473
1933	5,409	1,545	352	554	410	2,861	2,548
1934	6,267	1,774	377	472	387	3,010	3,257

[1] Cash income relates to the value of quantities sold, excluding products used in the farm home. Estimate for 1933 includes $278,000,000 rental and benefit payments by the Agricultural Adjustment Administration, and for 1934, $594,000,000.

[2] Includes expenditures for feed, seed, fertilizer, containers, spray materials, twine, cost of operating tractors, trucks, etc., insurance, ginning, miscellaneous current expenditures, and capital expenditures for machinery, tractors and repairs, and automobiles and trucks. Allowance is made for use of automobiles for purposes other than production.

[3] Total cash wages paid.

[4] Interest on all bank loans other than real estate loans and on 90 percent of all mortgage indebtedness, 10 percent of the total mortgage indebtedness being assigned to farm dwellings.

[5] Only 90 percent of the estimated total taxes on farm property is included, 10 percent of the total being assigned to farm dwellings.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 565.—ESTIMATED GROSS INCOME, DEDUCTIONS FROM GROSS INCOME, AND INCOME AVAILABLE FOR OPERATORS' CAPITAL, LABOR, AND MANAGEMENT, 1924 TO 1934

[In millions of dollars]

Year	Gross income from agricultural production [1]	Current expenditures of operators for production [2]	Depreciation of buildings and equipment [3]	Operators' expenditures for wages, interest, and taxes [4]	Rent to nonfarmer landlords [5]	Total deductions	Income available for operators' labor, capital, and management
1924	11,337	1,596	850	2,165	927	5,538	5,799
1925	11,968	1,724	896	2,209	1,005	5,834	6,134
1926	11,480	1,816	889	2,256	999	5,960	5,520
1927	11,616	1,775	894	2,276	1,034	5,979	5,637
1928	11,741	1,896	894	2,287	1,068	6,145	5,596
1929	11,941	1,958	912	2,292	1,110	6,272	5,669
1930	9,454	1,722	892	2,066	911	5,591	3,863
1931	6,968	1,339	843	1,701	692	4,575	2,393
1932	5,337	1,120	805	1,338	582	3,845	1,492
1933	6,406	1,147	762	1,217	597	3,723	2,683
1934	7,300	1,206	789	1,168	669	3,832	3,468

[1] Gross income includes the value of products consumed in the farm household on the farm where produced.

[2] Current operating costs less amounts estimated as paid by nonfarmer landlords.

[3] Relates to the depreciation of building, farm machinery, and other capital equipment, thus representing the cost of the use of these items rather than the amounts spent for them.

[4] Cash wages to hired labor plus an allowance for board and perquisites furnished hired labor and domestic hired labor contributing to production. Includes only that portion of interest payable by farm operators; figured at 75 percent of all interest payable on farm mortgage debt on real estate used in production and interest on all bank loans, other than real-estate loans. It is assumed that 70 percent of all taxes on farm property used in production are paid by the farm operator.

[5] In estimating rent it is assumed that 72 percent of total rent goes to nonfarming landlords.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 566.—INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF AGRICULTURAL PRODUCTS, BY GROUPS

[1923-1925=100]

Yearly average or year and month	Farm prices [1]								Wholesale prices			
	All farm products	Grains	Cotton and cotton seed	Fruits	Truck crops	Dairy products	Chickens and eggs	Meat animals	Farm products	Grains	Livestock and poultry	Other farm products
1910-1914	68	75	48	68	-------	66	65	85	69.4	[2] 72.4	[2] 86.6	[2] 59.8
1915-1920	116	145	93	97	-------	97	108	138	120.1	144.4	134.0	102.6
1921-1925	95	92	85	106	[3] 100	99	99	97	95.4	94.0	97.9	94.3
1926-1930	96	92	64	105	109	99	97	122	97.0	94.6	117.1	87.3
1927	95	96	63	99	93	101	94	118	96.7	98.6	115.9	86.2
1928	101	98	75	121	122	103	100	127	103.0	104.9	123.6	91.9
1929	99	90	71	97	115	102	106	131	102.0	95.2	124.4	92.6
1930	86	75	50	112	108	89	84	112	85.9	76.5	104.6	79.1
1931	59	47	31	68	90	70	65	77	63.0	51.8	74.9	60.1
1932	44	33	23	57	78	54	54	53	46.9	38.5	56.5	44.7
1933	48	47	32	51	81	53	49	50	50.0	51.9	50.9	48.5
1934	61	70	49	69	80	62	58	57	63.5	72.8	60.4	61.3
1933												
Jan.-Mar.	39	26	23	46	72	49	46	45	41.0	33.1	47.2	40.1
Apr.-June	45	44	30	52	70	50	39	53	48.0	50.5	52.5	44.8
July-Sept.	55	63	37	54	88	56	47	54	56.6	65.8	54.7	54.3
Oct.-Dec.	54	54	37	51	93	58	63	49	54.4	58.7	48.7	55.0
1934												
Jan.-Mar.	55	59	45	62	72	58	51	52	58.8	61.7	54.3	58.9
Apr.-June	56	61	46	79	68	60	47	54	59.1	63.5	56.7	57.9
July-Sept.	65	77	52	70	88	63	58	61	67.3	81.1	66.1	63.2
Oct.-Dec.	69	83	53	63	89	68	76	61	69.2	85.9	65.1	65.5
1935												
Jan.-Mar.	74	85	52	61	120	75	72	89	76.2	84.4	92.8	65.3

[1] Indexes cover 34 major crops and, beginning 1924, also 13 commercial truck crops.
[2] 2-year average, 1913 and 1914. [3] 1923 to 1925 average.

No. 567.—INDEX NUMBERS OF PRICES RECEIVED AND PAID BY FARMERS AND OF WHOLESALE PRICES

[1923-1925=100]

Yearly average or year and month	Prices received for farm products	Prices paid by farmers for commodities bought [1]			Ratio of prices received to prices paid	Wages paid to hired farm labor	Wholesale prices			
		Total	For living	For production			All commodities	Farm products	Foods	Other commodities
1910-1914	68	66	62	69	105	60	68	69	68	[2] 67
1915-1920	116	104	102	106	111	98	115	120	111	112
1921-1925	95	99	99	99	96	95	99	95	98	101
1926-1930	96	99	98	101	98	99	94	97	103	91
1927	95	99	99	101	96	102	95	97	102	92
1928	101	100	99	103	101	101	96	103	107	91
1929	99	99	98	102	100	102	95	102	106	90
1930	86	94	92	97	92	91	86	86	96	83
1931	59	81	78	85	74	69	73	63	79	73
1932	44	69	67	74	64	51	64	47	64	69
1933	48	71	68	75	67	48	65	50	64	70
1934	61	80	76	87	77	54	74	64	75	77
1933										
March	37	65	61	70	58	[3] 44	60	42	58	64
June	48	67	63	72	73	[3] 47	65	52	65	67
September	54	75	73	79	73	[3] 51	70	55	69	74
December	53	75	73	79	71	[3] 49	70	54	66	76
1934										
March	57	78	75	83	74	[3] 53	73	60	71	77
June	59	79	76	84	75	[3] 54	74	62	74	77
September	70	82	76	90	86	[3] 56	77	71	80	77
December	69	82	76	91	84	[3] 51	76	70	80	76
1935										
March	73	82	77	91	89	[3] 56	79	76	87	76

[1] Annual indexes are based on retail prices paid by farmers, reported quarterly.
[2] Average for 1913 and 1914.
[3] Wages for the month following the one stated in the stub.

Source of tables 566 and 567: Computed from data of Departments of Agriculture and Labor.

No. 568.—FOREIGN TRADE IN AGRICULTURAL AND FOREST PRODUCTS: YEARS ENDED JUNE 30

NOTE.—All figures, except percentages, in thousands of dollars. Crude rubber and similar gums (now mostly plantation products) are included in agricultural products and excluded from forest products

Yearly average or year ended June 30—	Agricultural exports (excl. forest products)			Agricultural imports (excl. forest products)		Forest products		
	United States products		Foreign products (reexports)	Total	Per cent of all imports	Exports		Imports
	Total	Per cent of all exports [1]				United States products	Foreign products (reexports)	
1857–1861	215,709	81.1	10,372	122,055	38.5	9,995	764	5,905
1862–1866	148,866	75.7	9,272	123,539	43.4	7,366	714	7,194
1867–1871	250,713	76.9	8,785	132,762	43.0	11,775	443	11,825
1872–1876	396,966	78.5	9,177	268,481	47.4	17,907	635	14,403
1877–1881	591,351	80.4	8,745	273,780	51.8	17,579	439	14,610
1882–1886	557,473	76.3	9,803	324,606	48.8	24,705	955	21,354
1887–1891	573,287	74.7	7,274	381,971	50.3	26,061	1,162	24,630
1892–1896	*638,748*	*73.0*	*9,420*	416,042	53.9	29,276	734	27,448
1897–1901	827,566	65.9	13,009	404,335	53.9	45,961	1,236	25,172
1902–1906	879,541	59.5	14,554	528,165	50.2	63,585	1,219	40,960
1907–1911	975,390	53.9	16,812	707,907	50.4	88,764	1,803	65,822
1912–1916	1,256,452	45.1	28,070	1,030,602	55.8	92,129	1,768	81,467
1917–1921	2,859,558	42.7	82,829	2,165,276	61.5	120,260	3,596	168,982
1922–1926	1,950,850	45.9	58,806	1,982,253	53.5	141,078	1,715	214,824
1927–1931	1,620,894	35.9	57,803	1,041,577	51.2	156,820	1,458	205,676
1916	1,518,071	35.5	45,017	1,349,563	61.4	68,155	1,435	94,265
1917	1,968,253	31.6	45,420	1,599,660	60.2	68,919	3,392	129,580
1918	2,280,406	39.1	44,210	1,826,436	62.0	87,181	1,409	128,490
1919	3,579,918	50.6	105,587	1,930,028	62.3	113,275	3,758	132,588
1920	3,861,511	48.6	128,191	3,410,018	65.1	190,049	5,380	229,091
1921	2,607,641	40.8	90,739	2,060,237	56.4	141,876	4,043	225,162
1922	1,915,866	51.8	43,589	1,371,720	52.6	94,115	2,315	156,843
1923	1,799,168	46.3	48,393	2,077,240	54.9	129,981	1,955	234,508
1924	1,867,098	44.2	62,719	1,875,365	52.8	162,374	1,563	218,712
1925	2,280,381	47.7	64,168	2,057,163	53.8	156,187	1,290	227,423
1926	1,891,739	49.7	75,162	2,229,775	56.7	162,731	1,450	238,546
1927	1,907,864	39.2	72,222	2,281,421	53.7	171,970	1,365	238,247
1928	1,815,451	38.0	73,391	2,193,868	52.9	174,599	1,528	215,874
1929	1,847,216	35.0	63,942	2,179,046	50.8	178,092	2,157	222,240
1930	1,495,907	32.4	50,670	1,890,508	49.1	161,743	1,382	209,418
1931	1,038,034	34.2	28,791	1,163,054	47.8	97,695	858	142,590
1932	752,145	30.4	22,692	834,238	48.2	62,270	409	104,543
1933	589,653	41.7	14,703	611,688	52.4	46,634	297	66,543
1934	787,347	39.2	21,227	[2] 801,762	51.5	72,913	401	[2] 109,149
1935 (preliminary)	668,779	32.1	[3]	[2] 970,853	54.3	82,788	[3]	[3]

[1] Based on total exports of United States merchandise. [2] Imports for consumption.
[3] Not yet available.

Source: Bureau of Agricultural Economics, Department of Agriculture, and Bureau of Foreign and Domestic Commerce and predecessor organizations.

No. 569.—VALUE OF AGRICULTURAL EXPORTS: BY MAJOR GROUPS

NOTE.—In millions and tenths of millions of dollars. Excludes reexports of foreign products

Yearly average or year (calendar)	Total agricultural exports	Animals and products, edible [1]	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products [1]	Cotton	Tobacco
1910–1914 (fiscal)	1,035.7	151.8	6.3	147.3	35.0	93.7	551.9	44.3
1921–1925	2,013.2	283.2	38.9	474.3	102.0	145.3	805.0	104.6
1926–1930	1,691.6	189.1	23.7	318.6	144.3	105.1	765.7	144.6
1924	2,110.1	274.4	35.7	433.8	117.1	134.4	950.6	164.1
1925	2,136.2	269.3	31.1	351.8	121.1	149.4	1,059.8	153.8
1926	1,816.7	236.7	26.8	355.7	132.6	113.6	814.4	136.9
1927	1,884.6	181.6	25.3	443.8	143.6	124.5	826.3	139.7
1928	1,863.1	182.3	24.7	315.7	152.0	118.9	920.0	154.5
1929	1,692.9	198.2	22.1	286.4	162.3	106.6	770.8	146.1
1930	1,230.7	149.9	19.5	191.3	130.4	67.1	496.8	145.9
1931	821.4	93.2	12.8	106.0	122.0	50.9	325.7	110.8
1932	662.4	55.2	6.6	66.9	84.9	37.7	345.2	65.9
1933	694.4	63.6	4.4	31.5	77.1	36.6	398.2	82.9
1934	733.4	64.7	5.7	39.4	83.4	42.4	372.8	125.1

[1] Beginning 1921, lard compounds excluded from animals and products and included in miscellaneous

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 570.—VALUE OF EXPORTS OF PRINCIPAL AGRICULTURAL PRODUCTS OR GROUPS OF PRODUCTS

NOTE.—In millions and tenths of millions of dollars. Data except as stated are for calendar years and exclude reexports of foreign products

Products	1910–1914 (fiscal)	1921–1925	1926–1930	1929	1930	1931	1932	1933	1934
Grand total	1,035.7	2,013.2	1,691.6	1,692.9	1,200.7	821.4	682.4	694.4	733.4
Live animals	13.0	10.0	5.8	5.8	4.2	1.6	.9	1.0	1.8
Meats	62.7	133.2	71.4	72.5	60.7	32.2	16.0	20.2	27.8
Eggs and dairy products	6.3	38.9	23.7	22.1	19.5	12.8	6.6	4.4	5.7
Animal fats and oils [1]	83.8	144.1	116.1	123.6	87.6	60.4	37.8	40.3	31.3
Hides and skins	3.2	7.6	9.0	6.8	4.9	3.1	2.2	2.0	4.3
Bread grains [2]	107.6	363.9	248.5	199.3	160.4	85.8	52.7	19.4	28.0
Coarse grains	36.8	97.0	50.0	72.5	21.0	12.6	9.1	8.9	8.4
Rice	.6	11.9	10.8	14.1	9.7	7.3	5.0	3.1	2.8
Fodders and feeds	28.1	26.7	27.2	32.7	11.1	13.6	11.0	9.1	6.8
Vegetables	5.8	16.4	18.7	21.4	16.6	10.6	6.3	6.2	7.6
Fruits	29.4	81.5	120.8	136.0	109.7	108.2	76.5	67.6	72.1
Vegetable oils, expressed, oilseeds, and nuts [1]	21.2	18.8	12.1	10.8	9.3	7.2	7.6	5.8	5.6
Coffee and substitutes	7.3	6.5	4.9	2.9	2.8	2.3	1.4	1.7	2.2
Sugar and related products	9.5	48.1	13.9	13.3	8.4	5.1	3.1	3.4	5.8
Seeds, except oilseeds	2.6	3.8	3.5	3.3	3.8	2.3	1.5	1.7	2.5
Tobacco	44.8	164.6	144.5	146.1	145.6	110.8	65.9	82.9	125.1
Cotton	551.9	805.0	765.7	770.8	496.8	325.7	345.2	398.2	372.8
Wool and hair	1.3	1.6	2.3	2.4	1.8	1.2	.8	1.4	2.1
All other	19.9	33.6	33.9	36.6	26.7	18.5	12.7	16.9	20.7

[1] Beginning 1921, lard compounds excluded from animal fats and oils and included in vegetable oils.
[2] Includes wheat and rye; also flour and flour products.

No. 571.—AGRICULTURAL EXPORT INDEXES: QUANTITY AND VALUE

Yearly average or year	Agricultural exports, other than cotton and tobacco			Cotton			Tobacco		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1910–1914	100	100	100	100	100	100	100	100	100
1924	169	134	227	78	222	172	147	249	366
1925	134	157	210	98	196	192	135	255	343
1926	137	144	197	105	141	148	136	226	306
1927	151	138	209	108	139	150	143	219	312
1928	136	132	180	102	164	167	184	188	345
1929	136	130	177	88	159	140	177	185	326
1930	108	118	127	77	117	90	177	184	325
1931	99	88	88	81	73	59	166	149	247
1932	81	70	57	106	59	63	123	119	147
1933	67	73	49	99	73	72	136	136	185
1934	64	83	54	69	98	67	137	203	279

No. 572.—AGRICULTURAL EXPORT INDEXES: BY GROUPS OF PRODUCTS

Group	Relative numbers 1934 as compared with 1933 as 100			Relative numbers 1934 as compared with 1910–1914 as 100 (direct comparison)		
	Quantity	Unit value	Value	Quantity	Unit value	Value
Total agricultural exports other than cotton and tobacco	96	115	110	65	83	54
Animal products, edible	90	113	102	56	76	43
Dairy products and eggs	121	106	129	84	107	90
Grains and preparations	105	119	125	32	83	27
Vegetables, fruits, and nuts	91	119	108	228	105	238
Cotton	69	135	94	71	95	68
Tobacco	101	150	151	(1)	(1)	(1)

[1] Not computed.

Source of tables 570, 571, and 572: Bureau of Foreign and Domestic Commerce, Department of Commerce.

27.—FARM ANIMALS AND ANIMAL PRODUCTS

[Data in this section relate to continental United States]

No. 573.—*DOMESTIC ANIMALS:* NUMBER AND VALUE OF ANIMALS ON FARMS

NOTE.—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. Value includes only animals specified. The difference in date of enumeration affects the comparability of the census figures for all classes and especially for swine

Year and date	Number (thousands)							Value of all animals (thousands of dollars)
	Horses	Mules	All cattle	Dairy cows [1]	Other cattle	Sheep	Swine	
Census returns—								
1880 (June 1)	10,357	1,813	39,676	12,443	27,232	42,192	49,773	----------
1890 (June 1)	15,206	2,252	57,649	16,512	41,137	40,876	57,427	----------
1900 (June 1)	18,207	3,205	67,719	17,136	50,584	61,504	62,868	2,970,121
1910 (Apr. 15)	19,833	4,210	61,804	20,625	41,178	52,448	58,186	4,740,684
1920 (Jan. 1)	19,767	5,432	56,640	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	4,439,986
1930 (Apr. 1)	13,511	5,375	63,896	20,499	43,397	56,975	56,288	5,707,594
Estimates Jan. 1 [2]								
1914	20,962	4,449	58,737	18,930	39,807	37,773	51,800	5,709,990
1915	21,195	4,479	62,532	19,526	43,006	36,287	57,000	5,830,338
1916	21,159	4,503	66,394	20,064	46,330	36,543	59,700	5,892,976
1917	21,210	4,723	69,533	20,541	48,992	35,700	56,700	6,537,327
1918	21,555	4,873	71,229	21,021	50,208	39,000	61,200	7,955,120
1919	21,482	4,954	70,261	21,219	49,042	41,000	63,800	8,384,013
1920	20,092	5,056	70,325	21,455	48,870	40,643	60,159	8,108,560
1921	19,366	5,772	68,633	21,440	47,193	39,378	58,942	6,048,190
1922	18,760	5,827	68,663	21,822	46,841	36,821	59,849	4,748,947
1923	18,123	5,805	67,384	22,099	45,285	36,695	69,304	5,052,481
1924	17,305	5,908	65,832	22,288	43,544	37,020	66,576	4,730,825
1925	16,640	5,918	63,115	22,505	40,610	38,392	55,770	4,670,532
1926	16,067	5,903	59,977	22,311	37,666	40,183	52,085	4,932,493
1927	15,368	5,801	57,523	22,159	35,309	42,302	55,468	5,081,770
1928	14,768	5,647	56,701	22,129	34,572	45,121	61,772	5,590,982
1929	14,203	5,496	57,878	22,330	35,548	48,249	58,789	6,114,876
1930	13,684	5,366	59,730	22,910	36,820	51,233	55,301	5,993,599
1931	13,169	5,226	60,987	23,576	37,411	52,599	54,399	4,453,901
1932	12,621	5,120	62,656	24,476	38,181	53,155	58,988	3,191,623
1933	12,203	5,036	65,704	25,285	40,419	51,762	61,508	2,679,065
1934	11,963	4,925	68,290	26,185	42,105	52,212	57,177	2,876,844
1935	11,827	4,795	60,667	25,100	35,567	49,766	37,007	3,102,136

[1] Census returns prior to 1900 represented "milch" cows; in 1900, cows kept for milk 2 years old and over; in 1910, cows and heifers kept for milk born before Jan. 1, 1909 (estimated number 2 years old and over Jan. 1, 17,125,000); in 1920 and 1925, dairy cows and heifers 2 years old and over; in 1930, cows and heifers, born before 1928, kept mainly for milk production. Estimates as of Jan. 1 represent cows and heifers 2 years old and over kept for milk.

[2] Estimates by Bureau of Agricultural Economics, Department of Agriculture; value, 1914 to 1919, computed by Bureau of Foreign and Domestic Commerce, based on United States average price for each class.

No. 574.—DOMESTIC ANIMALS, CHICKENS, AND BEES IN THE UNITED STATES ON FARMS: NUMBER AND VALUE

NOTE.—Number in thousands, value in thousands of dollars. Data are as of Jan. 1, 1920 and 1925, and Apr. 1, 1930. Owing to the change in date of enumeration figures for 1930 are not closely comparable with those for earlier years

Kind	Number			Value		
	1920	1925	1930	1920	1925	1930
Total	----------	----------	----------	7,988,991	14,853,389	6,084,051
All cattle	66,640	60,760	63,896	3,051,521	2,019,489	3,303,988
Cows and heifers kept mainly for milk production	[2] 19,675	[2] 17,645	[3] 20,499	1,507,513	912,532	1,572,720
Horses	19,767	16,401	13,511	1,782,077	1,001,521	905,881
Mules	5,432	5,681	5,375	779,294	449,520	442,766
Asses and burros	72	[4]	48	8,198	[4]	1,881
Sheep	35,034	35,590	56,975	395,401	354,485	413,860
Goats	3,459	3,370	4,821	17,565	10,250	19,320
Swine	59,346	50,854	56,288	988,582	614,951	641,099
Chickens	359,537	409,291	[5] 378,878	349,509	379,011	[5] 321,625
Bees, hives	3,467	[4]	[6] 3,108	16,841	[4]	[6] 13,632

[1] Value of all livestock including value of livestock not reported estimated at $29,162,000.

[2] Dairy cows and heifers 2 years old and over. [3] Born before 1928.

[4] Not reported. [5] Over 3 months old Apr. 1, 1930. [6] *On farms* and elsewhere.

Source: Bureau of the Census, Department of Commerce.

No. 575.—DOMESTIC ANIMALS ON FARMS IN THE UNITED STATES: BY AGE AND SEX, APRIL 1, 1930

Class	Number (thousands)	Class	Number (thousands)
Horses, total	13,511	**Cattle—Continued.**	
Colts born between Jan. 1 and Apr. 1, 1930	127	Cows and heifers born before 1928	28,336
Colts born in 1929 (yearlings)	495	Kept mainly for milk production	20,499
Colts born in 1928 (2-year-olds)	463	Kept mainly for beef production	7,837
Horses born before 1928	12,426		
Mules, total	5,375	**Swine, total**	56,288
Mule colts born between Jan. 1 and Apr. 1, 1930	21	Pigs born between Jan. 1 and Apr. 1, 1930	23,494
Mule colts born in 1929 (yearlings)	81	Sows and gilts farrowing between Jan. 1 and June 1, 1930	7,674
Mule colts born in 1928 (2-year-olds)	87	Other swine born before Jan. 1, 1930	25,120
Mules born before 1928	5,186		
Cattle, total	63,898	**Sheep and lambs, total**	56,975
Calves born between Jan. 1 and Apr. 1, 1930	9,646	Lambs born since Oct. 1, 1929	15,195
Steers and bulls born in 1929 (yearlings)	6,313	Rams and wethers born before Oct. 1, 1929	3,683
Heifers born in 1929 (yearlings)	8,744	Yearling ewes born between Oct. 1, 1928, and Oct. 1, 1929	7,302
Bulls born before 1929	1,262	Ewes born before Oct. 1, 1928	30,795
Steers born in 1928 (2-year-olds)	2,616		
Steers born before 1928	1,136	**Goats and kids, total**	4,921
Heifers born in 1928 (2-year-olds)	5,843	Angora goats and kids (all ages)	3,785
Kept mainly for milk production	3,759	Other goats and kids (all ages)	1,036
Kept mainly for beef production	2,084		

No. 576.—DOMESTIC ANIMALS ON FARMS IN THE UNITED STATES: NUMBER, AVERAGES, AND RATIOS, AT EACH CENSUS, 1920 TO 1930

NOTE.—By reason of the change in date of enumeration from Jan. 1 in 1920 and 1925 to Apr. 1 in 1930, figures for 1930 are not very closely comparable with those for earlier years

Item	Horses	Mules	All cattle	Dairy cows [1]	Sheep	Goats	Swine
Number:							
1920	19,767,161	5,432,391	66,639,556	19,075,297	35,033,516	3,458,925	59,346,409
1925	16,400,623	5,680,897	60,760,366	17,644,867	35,500,159	3,370,218	50,853,526
1930	13,510,839	5,375,017	63,895,826	20,498,955	56,975,084	4,821,204	56,287,920
Increase, 1925–1930: [2]							
Number	−2,889,784	−305,880	3,135,460	2,854,088	21,384,925	1,451,076	5,434,394
Per cent	−17.6	−5.4	5.2	16.2	60.1	43.1	10.7
Number of farms reporting:							
1920	4,704,235	2,259,746	5,358,243	4,461,296	538,593	107,267	4,850,807
1925	[3] 5,365,513	([4])	([4])	3,728,587	430,738	91,402	3,618,624
1930	[3] 5,024,713	([4])	4,803,174	4,452,936	583,578	112,864	3,535,119
Per cent of all farms:							
1920	73.0	35.0	83.1	69.2	8.4	1.7	75.2
1925	[3] 84.2	([4])	([4])	58.5	6.8	1.4	56.8
1930	[3] 79.9	([4])	76.4	70.8	9.3	1.8	56.2
Average number per farm reporting:							
1920	4.2	2.4	12.4	4.4	65.0	32.2	12.2
1925	[3] 4.1	([4])	([4])	4.7	82.6	36.9	14.1
1930	[3] 3.8	([4])	13.3	4.6	97.6	42.7	15.9
Average number per 1,000 acres of all land in farms:							
1920	21	6	70	21	37	4	62
1925	18	6	66	19	39	4	55
1930	14	5	65	21	58	5	57
Average value per head (dollars):							
1920	90.15	143.45	54.80	76.62	11.29	5.08	16.66
1925	61.07	76.13	33.24	51.72	9.96	3.04	12.09
1930	67.05	82.37	51.71	76.72	7.26	4.01	11.39

[1] For 1920 and 1925, dairy cows 2 years old and over Jan. 1; for 1930, cows and heifers born before 1928 kept mainly for milk production.
[2] A minus sign (−) denotes decrease. [3] Includes mules. [4] Not available.

Source of tables 575 and 576: Bureau of the Census, Department of Commerce.

No. 577.—DOMESTIC ANIMALS: NUMBER ON

NOTE.—By reason of the change in date of census enumeration from Jan. 1, in 1920 and 1925

[All figures

Division and State	Horses				Mules				All cattle			
	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1) [2]
United States	19,767	16,401	13,511	11,827	5,432	5,681	5,375	4,795	66,640	60,760	63,896	60,667
New England	305	259	182	149	3	3	2	------	1,320	1,119	1,271	1,142
Maine	94	82	61	47	(3)	1	1	------	301	236	257	245
New Hampshire	38	31	20	16	(3)	(3)	(3)	------	164	121	136	129
Vermont	77	63	52	45	1	1	1	------	435	393	472	396
Massachusetts	51	44	25	20	(3)	1	(3)	------	216	188	207	186
Rhode Island	7	5	3	4	(3)	(3)	(3)	------	31	27	32	28
Connecticut	38	34	21	17	1	1	1	------	174	153	167	158
Middle Atlantic	1,115	907	672	598	68	65	60	59	3,869	3,309	3,908	3,606
New York	536	440	321	282	7	7	6	6	2,144	1,837	2,220	1,968
New Jersey	73	57	39	32	6	5	3	2	179	153	175	184
Pennsylvania	506	410	312	282	55	53	51	51	1,546	1,319	1,511	1,454
East North Central	4,114	3,303	2,688	2,438	310	315	281	242	10,398	9,656	10,627	9,980
Ohio	811	630	495	451	32	33	31	32	1,927	1,653	1,773	1,657
Indiana	717	556	443	400	100	101	82	81	1,546	1,282	1,447	1,485
Illinois	1,297	1,030	821	705	168	168	134	116	2,788	2,305	2,342	2,399
Michigan	606	482	383	366	6	7	7	6	1,586	1,406	1,528	1,403
Wisconsin	683	604	546	516	4	6	7	7	3,051	3,010	3,537	3,036
West North Central	6,942	5,968	5,152	4,507	847	892	673	548	20,163	19,204	19,877	18,030
Minnesota	933	835	805	738	10	13	15	15	3,021	2,853	3,156	3,090
Iowa	1,387	1,180	1,048	927	82	97	85	70	4,548	4,204	4,136	4,228
Missouri	906	708	597	551	389	372	296	255	2,782	2,372	2,783	2,271
North Dakota	856	731	612	510	8	9	8	8	1,335	1,341	1,454	1,157
South Dakota	817	720	621	498	15	21	19	15	2,348	2,022	1,974	1,506
Nebraska	961	862	754	645	100	120	99	73	3,154	3,283	3,150	2,694
Kansas	1,083	931	715	638	243	260	151	110	2,975	3,068	3,224	3,084
South Atlantic	1,039	806	604	504	1,079	1,023	1,023	947	4,703	4,135	3,780	3,966
Delaware	28	22	18	15	9	9	10	9	47	46	54	50
Maryland	141	117	94	85	33	31	29	28	283	273	319	288
Dist. of Col	(3)	(3)	(3)	(4)	(3)	(3)	(3)	(4)	1	1	1	(4)
Virginia	312	260	203	160	97	102	94	87	910	807	833	776
West Virginia	169	143	113	100	15	15	12	11	587	568	556	530
North Carolina	171	131	87	73	257	280	294	271	645	539	533	606
South Carolina	78	49	31	21	220	199	189	168	434	341	270	290
Georgia	101	54	37	31	406	344	354	333	1,157	906	783	894
Florida	39	29	21	19	42	43	41	40	639	655	431	522
East South Central	1,046	768	591	499	1,250	1,277	1,272	1,218	4,547	3,630	3,988	4,212
Kentucky	382	307	248	205	293	294	252	256	1,093	905	1,086	1,137
Tennessee	318	242	175	150	353	352	319	306	1,159	986	1,074	1,071
Alabama	130	87	65	54	296	303	332	319	1,044	822	799	910
Mississippi	215	131	103	90	308	328	369	337	1,250	923	1,009	1,094
West South Central	2,160	1,760	1,524	1,365	1,685	1,893	1,918	1,640	10,108	9,009	10,243	9,288
Arkansas	252	182	138	118	323	341	362	300	1,073	810	813	883
Louisiana	179	131	118	100	180	173	201	171	804	697	730	872
Oklahoma	738	608	506	435	337	368	315	238	2,074	1,657	2,097	2,142
Texas	991	838	762	712	846	1,010	1,040	931	6,157	5,846	6,603	5,392
Mountain	2,076	1,850	1,511	1,286	89	112	89	77	7,600	7,406	6,991	6,911
Montana	660	594	450	352	9	10	8	8	1,209	1,322	1,290	1,250
Idaho	293	233	206	184	8	8	7	7	715	606	622	714
Wyoming	198	200	173	142	3	5	4	4	875	783	824	800
Colorado	421	365	329	312	31	38	29	22	1,757	1,436	1,454	1,439
New Mexico	183	187	141	108	20	31	23	18	1,300	1,267	1,055	1,050
Arizona	130	112	80	73	12	12	12	12	822	1,069	695	930
Utah	125	110	91	81	3	4	3	3	506	504	442	403
Nevada	50	50	41	34	2	4	3	3	356	419	309	325
Pacific	970	780	587	483	101	101	77	66	3,432	3,285	3,533	3,541
Washington	296	242	182	161	23	26	22	19	573	582	625	579
Oregon	272	224	179	151	14	19	14	13	851	784	805	877
California	402	314	226	168	63	56	41	34	2,008	1,918	2,103	1,985

[1] Census returns for 1920 and 1925 represent dairy cows and heifers 1 year old and over, for 1930, cows and heifers born before 1929 kept mainly for milk production. Estimates for Jan. 1, 1935, represent cows and heifers 1 year old and over kept for milk cows.

FARMS, BY DIVISIONS AND STATES, 1920 TO 1935

to Apr. 1 in 1930, figures for 1930 are not very closely comparable with data for other years

in thousands]

Dairy cows and heifers [1]				Sheep				Swine				Division and State
1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1) [2]	
23,724	20,714	24,258	29,386	35,034	35,590	56,975	49,766	59,346	50,854	56,288	37,007	U. S.
1,016	920	818	921	248	154	201	121	384	193	225	192	N. Eng.
217	181	153	185	119	85	100	55	91	54	46	48	Me.
119	97	85	100	28	16	21	14	42	16	16	13	N. H.
346	325	310	325	63	35	51	32	73	44	29	26	Vt.
174	164	137	155	19	10	13	10	104	58	105	80	Mass.
25	24	22	24	3	2	3	2	13	4	5	4	R. I.
135	129	111	132	11	7	13	8	61	17	27	21	Conn.
2,928	2,670	2,426	2,826	1,098	893	1,220	992	1,931	1,050	1,007	801	Mid. Atl.
1,730	1,552	1,405	1,596	579	473	618	459	601	259	221	173	N. Y.
148	135	121	153	10	6	12	7	139	56	129	63	N. J.
1,050	983	900	1,077	509	415	590	526	1,191	734	657	565	Pa.
6,082	5,877	5,800	6,971	5,073	4,479	6,599	5,309	14,183	11,774	12,985	8,886	E. N. C.
1,059	968	961	1,159	2,103	1,941	2,536	2,162	3,084	2,308	2,778	1,651	Ohio.
727	691	738	925	644	595	1,118	805	3,757	2,939	3,347	2,357	Ind.
1,148	969	1,088	1,367	638	566	944	773	4,689	4,249	4,652	3,209	Ill.
967	944	843	1,040	1,209	1,066	1,416	1,103	1,106	855	596	518	Mich.
2,180	2,304	2,170	2,480	480	310	585	466	1,596	1,363	1,612	1,151	Wis.
5,485	4,403	6,845	8,081	4,950	4,007	7,312	7,426	21,715	24,600	27,650	15,125	W. N. C.
1,532	1,565	1,712	2,023	509	379	927	1,179	2,381	2,715	3,316	2,026	Minn.
1,094	822	1,486	1,800	1,092	818	1,558	1,504	7,804	8,567	10,056	6,272	Iowa.
793	617	970	1,075	1,272	894	1,750	1,247	3,889	3,502	3,861	2,303	Mo.
461	385	583	680	299	311	857	744	458	784	628	269	N. Dak.
406	292	587	608	844	644	1,150	1,290	1,954	2,600	2,637	676	S. Dak.
517	268	691	831	573	647	496	740	3,436	4,236	4,679	2,160	Nebr.
681	454	816	974	361	315	574	722	1,733	2,197	2,473	1,410	Kans.
2,012	1,549	1,704	2,156	1,209	1,077	2,187	1,287	6,536	4,176	4,393	3,736	S. Atl.
38	39	34	41	3	2	5	3	39	24	30	22	Del.
189	106	190	218	103	92	194	109	306	188	205	147	Md.
1	1	1	[4]	[3]	-------	[3]	[4]	1	1	1	[4]	D. C.
418	329	384	444	342	351	829	442	941	582	700	506	Va.
210	164	216	269	510	441	897	552	305	177	222	207	W. Va.
355	292	298	411	91	67	146	88	1,271	872	839	842	N. C.
229	178	161	185	24	14	19	15	845	535	471	449	S. C.
434	308	342	469	72	51	50	36	2,071	1,300	1,358	1,158	Ga.
90	52	88	119	65	60	47	42	755	498	567	405	Fla.
2,031	1,593	1,868	2,397	1,318	1,155	2,402	1,532	6,207	3,453	3,601	3,522	E. S. C.
515	433	532	626	708	696	1,597	999	1,504	919	1,035	831	Ky.
495	416	493	606	364	290	626	405	1,832	1,000	1,002	966	Tenn.
491	363	371	533	82	56	69	47	1,497	827	831	844	Ala.
530	381	472	632	164	114	110	81	1,373	698	733	881	Miss.
2,296	1,730	2,590	3,349	2,909	3,359	7,500	7,701	5,758	3,451	4,148	3,182	W. S. C.
517	325	390	553	100	51	86	58	1,378	847	776	742	Ark.
218	116	256	355	130	100	171	137	851	518	759	569	La.
560	429	703	857	105	62	222	354	1,304	920	1,051	645	Okla.
1,002	860	1,241	1,584	2,573	3,137	7,021	7,152	2,226	1,166	1,562	1,226	Tex.
754	723	973	1,189	13,207	15,130	21,008	18,888	1,193	1,311	1,217	795	Mountain.
153	122	186	238	2,083	2,188	4,028	3,755	167	278	210	145	Mont.
143	171	194	253	2,350	1,746	3,302	2,335	240	276	268	210	Idaho.
42	39	72	79	1,860	2,507	3,418	3,579	72	100	98	57	Wyo.
234	192	266	326	1,813	2,244	2,505	2,736	450	493	462	273	Colo.
46	47	70	81	1,640	1,743	2,201	2,460	88	55	65	34	N. Mex.
39	41	41	55	882	1,164	1,340	942	50	19	24	12	Ariz.
81	88	120	130	1,692	2,355	2,922	2,168	99	64	67	51	Utah.
16	23	24	27	881	1,184	1,202	913	27	25	23	13	Nev.
1,120	1,249	1,234	1,496	5,026	5,336	8,548	6,510	1,441	845	1,059	788	Pacific.
290	319	298	394	624	516	1,143	752	265	198	186	152	Wash.
216	245	253	329	2,002	1,775	3,319	2,497	267	216	225	152	Oreg.
614	685	683	773	2,400	3,045	4,084	3,261	909	431	648	464	Calif.

[1] Estimates by Department of Agriculture. [3] Less than 500. [4] No estimate.

Source: Bureau of the Census, Department of Commerce, except as noted.

No. 578.—DOMESTIC ANIMALS: Receipts and Shipments at all Reporting Public Stockyards and Principal Public Stockyards

[All figures in thousands]

Item and yearly average or year	Chicago	Denver	East St. Louis	Fort Worth	Kansas City	Omaha	St. Joseph	South St. Paul	Sioux City	Total, 9 stockyards	All other stockyards reporting	Total, all stockyards reporting [1]
CATTLE AND CALVES												
Receipts:												
1916–1920	3,924	685	1,368	1,421	2,823	1,745	683	1,286	739	14,678	7,895	22,573
1921–1925	3,852	595	1,341	1,218	2,932	1,709	675	1,336	772	14,430	8,366	22,796
1926–1930	3,344	511	1,343	1,148	2,328	1,609	614	1,549	857	13,403	8,341	21,744
1930	2,796	593	1,203	969	2,167	1,605	560	1,339	857	12,089	8,077	20,166
1931	2,833	504	1,171	841	1,958	1,690	508	1,415	851	11,771	7,345	19,616
1932	2,453	425	1,064	653	1,854	1,453	437	1,234	594	10,167	7,165	17,332
1933	2,507	419	1,118	640	1,719	1,537	484	1,351	830	10,605	7,329	17,934
1934 [2]	3,465	765	1,816	1,138	2,850	2,249	794	2,316	1,406	16,799	10,971	27,770
Shipments:												
1916–1920	1,017	538	393	586	1,265	740	223	749	418	5,927	3,538	9,465
1921–1925	1,103	453	814	429	1,421	729	232	475	411	6,067	3,623	9,690
1926–1930	846	454	887	463	1,130	626	187	447	415	5,454	3,407	8,861
1930	710	449	769	476	1,138	684	195	331	437	5,189	3,129	8,318
1931	811	352	755	405	1,094	759	155	349	432	5,111	3,015	8,126
1932	665	290	632	324	1,045	599	126	261	266	4,208	2,640	6,848
1933	631	267	552	271	815	573	117	327	348	3,902	2,739	6,641
1934 [2]	739	444	851	426	1,176	887	174	809	663	6,169	4,625	10,794
SHEEP AND LAMBS												
Receipts:												
1916–1920	4,353	1,857	613	404	1,711	3,251	832	665	404	14,090	8,747	22,837
1921–1925	4,173	1,918	575	351	1,619	2,704	974	521	279	13,114	9,457	22,571
1926–1930	4,044	2,076	568	464	1,783	2,972	1,500	972	714	15,094	10,922	26,016
1930	4,335	2,062	584	432	2,016	3,410	1,634	1,354	1,138	17,015	12,793	29,808
1931	4,489	2,499	661	1,173	2,244	3,510	1,572	1,690	1,279	19,118	13,905	33,023
1932	3,922	2,534	711	1,198	1,837	2,388	1,291	1,522	776	16,479	12,827	29,306
1933	3,536	2,902	659	779	1,672	2,125	1,233	1,552	857	15,316	11,868	27,184
1934 [2]	3,003	3,109	650	597	1,738	1,968	1,144	1,584	1,167	14,958	11,180	26,138
Shipments:												
1916–1920	1,076	1,684	98	232	658	1,703	233	472	191	6,347	5,564	11,911
1921–1925	1,306	1,746	216	215	516	1,129	228	205	90	5,650	5,999	11,649
1926–1930	1,208	1,859	215	232	504	1,252	374	457	216	6,316	7,055	13,371
1930	1,311	1,808	213	204	501	1,378	377	691	402	6,885	7,721	14,606
1931	1,426	2,191	220	472	821	1,549	393	926	509	8,506	8,490	16,906
1932	915	2,600	197	391	563	834	246	802	266	6,814	7,400	14,214
1933	753	2,670	146	261	520	642	241	887	269	6,387	6,809	13,196
1934 [2]	537	2,875	130	231	405	509	206	690	440	6,023	6,692	12,715
SWINE												
Receipts:												
1916–1920	8,234	382	3,214	759	2,838	3,046	2,102	2,220	2,239	25,034	17,518	42,552
1921–1925	9,041	452	3,972	416	2,695	3,297	2,042	3,092	2,742	27,749	20,219	47,968
1926–1930	7,884	514	3,721	334	2,164	2,997	1,537	3,017	2,436	24,605	17,911	42,516
1930	7,870	512	3,450	270	2,015	3,363	1,446	2,759	2,317	24,021	16,753	40,774
1931	7,942	597	2,970	216	1,337	3,525	1,322	3,251	2,646	23,805	15,733	39,538
1932	6,602	652	2,626	255	1,356	3,078	1,226	2,600	1,955	20,351	14,677	35,028
1933 [3]	7,792	771	3,328	498	2,077	2,950	1,715	2,742	2,287	24,160	16,217	40,377
1934	6,510	709	2,960	404	1,262	2,808	1,594	1,885	2,067	20,199	13,521	33,720
Shipments:												
1916–1920	1,271	26	1,244	139	478	754	201	827	884	5,824	7,894	13,718
1921–1925	2,355	77	2,559	72	772	797	437	650	1,076	8,795	8,335	17,130
1926–1930	1,907	121	2,733	30	741	925	384	869	885	8,684	7,204	15,889
1930	1,786	128	2,805	35	916	1,066	442	865	891	8,934	6,948	15,882
1931	1,700	167	2,322	22	499	1,100	357	1,374	985	8,527	6,446	14,973
1932	1,036	206	1,947	19	324	710	245	1,172	578	6,236	5,067	11,303
1933	604	243	1,867	20	276	419	128	624	360	4,531	5,329	9,860
1934	640	269	1,608	14	241	695	124	538	536	4,665	5,113	9,778
HORSES AND MULES												
Receipts:												
1916–1920	98	26	236	76	98	25	35	10	22	620	568	1,194
1921–1925	26	25	79	36	36	12	13	4	12	243	206	449
1926–1930	18	22	63	36	44	17	8	13	15	230	182	419
1930	18	9	51	27	54	15	5	13	12	204	142	346
1931	17	6	40	13	33	15	4	15	14	158	96	254
1932	14	7	36	17	29	19	5	10	10	147	94	241
1933	16	13	69	23	45	31	9	16	14	238	166	404
1934	21	14	84	30	66	38	11	24	27	315	245	560

[1] Total for about 65 stockyards.

[2] Cattle and calves, June–Dec., and sheep, Sept.–Dec., include animals purchased for Fed. Sur. Relief Corp.

[3] Includes many pigs and sows received for sale on Government account, Aug. 23 to Sept. 30, 1933.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 579.—DOMESTIC ANIMALS: RECEIPTS AND SHIPMENTS AT NINE STOCKYARDS

[All figures in thousands. Stockyards covered are those named in table 578]

Year	Cattle and calves		Sheep and lambs		Swine		Horses and mules, receipts
	Receipts	Shipments	Receipts	Shipments	Receipts	Shipments	
1915	10,057	4,081	12,288	4,050	21,840	4,784	780
1916	11,920	4,755	13,479	5,102	26,781	5,864	810
1917	15,034	5,812	12,484	5,955	22,360	5,473	756
1918	16,781	6,405	14,050	6,518	26,607	5,624	600
1919	15,932	6,713	16,847	7,850	26,287	5,817	557
1920	13,725	5,948	13,591	6,311	23,187	6,338	401
1921	12,150	5,350	13,580	5,297	22,798	6,983	186
1922	14,590	6,077	12,253	5,484	24,601	7,056	242
1923	15,013	6,484	13,192	5,879	32,320	9,597	302
1924	15,189	6,119	13,382	5,972	32,612	11,040	245
1925	15,206	5,709	13,167	5,015	26,415	9,300	242
1926	15,242	5,883	14,379	6,025	23,414	8,413	211
1927	14,020	5,454	13,555	5,507	23,616	8,007	247
1928	13,089	5,448	14,074	6,434	26,525	9,369	250
1929	12,574	5,294	15,548	6,730	25,450	8,699	269
1930	12,089	5,189	17,015	6,885	24,021	8,934	204
1931	11,771	5,111	19,118	8,506	23,805	8,527	158
1932	10,167	4,208	16,479	6,814	20,351	6,236	147
1933	10,605	3,902	15,316	6,387	[1] 24,160	4,531	238
1934 [2]	16,799	6,109	14,958	6,023	20,199	4,665	315

[1] See note 3, table 578. [2] See note 2, table 578.

No. 580.—DOMESTIC ANIMALS: RECEIPTS AND STOCKER AND FEEDER SHIPMENTS AT ALL PUBLIC STOCKYARDS

[All figures in thousands]

Item	1916–1920, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933 [1]	1934 [1]
Cattle and calves:								
Receipts	22,573	22,796	21,744	20,166	19,616	17,332	17,934	27,770
Stocker and feeder shipments	4,610	4,144	3,673	3,426	3,044	2,618	2,547	3,665
Sheep and lambs:								
Receipts	22,838	22,572	26,016	29,808	33,023	29,306	27,184	26,138
Stocker and feeder shipments	5,014	4,150	4,912	4,463	5,287	3,373	3,008	3,361
Swine:								
Receipts	42,552	47,968	42,516	40,774	39,538	35,028	40,377	33,720
Stocker and feeder shipments	720	588	736	517	533	321	398	558

[1] See notes 2 and 3, table 578, regarding swine, 1933, and cattle and calves and sheep, 1934.

No. 581.—DOMESTIC ANIMALS: RECEIPTS AT ALL PUBLIC STOCKYARDS, BY MONTHS

[All figures in thousands]

Class and yearly average or year	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cattle and calves:													
1916–1920	22,573	1,725	1,358	1,485	1,613	1,765	1,672	1,740	1,885	2,330	2,709	2,476	1,816
1921–1925	22,796	1,781	1,404	1,621	1,642	1,789	1,677	1,745	2,082	2,264	2,715	2,236	1,838
1926–1930	21,744	1,744	1,429	1,603	1,693	1,765	1,614	1,639	1,823	2,157	2,527	2,082	1,667
1932	17,332	1,376	1,282	1,377	1,376	1,397	1,337	1,291	1,606	1,630	1,896	1,543	1,102
1933	17,934	1,324	1,137	1,171	1,296	1,558	1,449	1,456	1,660	1,853	2,178	1,690	1,343
1934 [1]	27,770	1,653	1,407	1,500	1,592	1,809	1,812	2,985	4,276	3,777	3,000	2,162	1,797
1935 [1]	------	1,889	1,381	1,470	1,630	1,636	1,402	------	------	------	------	------	------
Sheep and lambs:													
1916–1920	22,838	1,518	1,267	1,253	1,272	1,315	1,496	1,753	2,397	3,090	3,307	2,430	1,742
1921–1925	22,572	1,685	1,416	1,503	1,448	1,687	1,626	1,697	2,064	2,647	3,262	1,952	1,584
1926–1930	26,016	1,755	1,601	1,690	1,764	2,038	1,925	1,945	2,395	3,290	3,698	2,128	1,787
1932	29,306	2,363	2,035	2,115	2,412	2,429	2,428	2,240	2,919	3,239	3,266	2,203	1,657
1933	27,184	1,914	1,795	1,844	2,097	2,403	2,091	2,228	2,795	2,911	3,263	2,064	1,774
1934 [1]	26,138	1,820	1,456	1,570	1,838	2,114	1,810	2,152	2,622	3,324	4,057	1,833	1,542
1935	------	1,749	1,522	1,803	2,106	2,251	1,994	------	------	------	------	------	------
Swine:													
1916–1920	42,552	5,191	4,097	3,773	3,236	3,596	3,261	2,794	2,308	2,233	3,125	4,204	4,733
1921–1925	47,968	5,328	4,401	4,017	3,647	3,539	3,873	3,355	3,030	3,056	3,819	4,454	5,149
1926–1930	42,516	4,743	3,946	3,740	3,319	3,419	3,391	3,008	2,790	2,774	3,422	3,733	4,230
1932	35,028	4,218	3,659	2,939	2,960	3,050	2,545	2,158	2,405	2,505	2,691	2,775	3,123
1933 [2]	40,377	3,388	2,700	2,638	2,798	3,143	3,361	2,871	3,924	6,494	2,521	3,207	3,332
1934	33,720	4,245	2,728	2,468	2,674	3,076	2,684	2,819	2,067	2,094	2,807	3,218	3,140
1935	------	2,422	1,823	1,622	1,650	1,551	1,301	------	------	------	------	------	------

[1] Note 2, table 578, applies to 1934 and to cattle and calves to Feb. 7, 1935. [2] See note 3, table 578.

Source of tables 579, 580, and 581, Bureau of Agricultural Economics, Department of Agriculture.

No. 582.—DOMESTIC ANIMALS: AVERAGE FARM PRICE AND AVERAGE CHICAGO MARKET PRICE BY CALENDAR YEARS

NOTE.—Milk cows dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except the averages for milk cows on farms and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices

Yearly average or year	Milk cows on farms, per head	Beef cattle [1]		Calves, veal		Sheep		Lambs		Hogs	
		Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago
1911–1915	52.33	5.54	7.89	7.07	9.30	4.60	5.13	6.01	7.57	6.86	7.60
1916–1920	79.47	8.42	12.91	11.09	14.35	8.97	10.25	11.85	15.05	13.20	14.78
1921–1925	56.29	5.66	9.13	8.10	9.78	6.35	7.02	10.10	13.53	8.29	9.04
1926–1930	79.54	7.78	11.82	10.71	13.07	7.06	6.57	11.02	13.54	9.60	10.23
1920	89.51	8.42	13.30	11.86	14.58	8.51	9.49	11.85	15.50	12.88	13.91
1921	59.10	5.50	8.20	7.85	9.36	4.65	5.13	7.19	9.86	7.82	8.51
1922	53.56	5.43	8.65	7.69	9.15	5.96	7.15	9.76	13.68	8.34	9.22
1923	55.43	5.58	9.40	7.99	9.66	6.65	7.10	10.50	13.89	7.10	7.55
1924	55.48	5.55	9.24	8.11	9.86	6.81	7.57	10.75	14.57	7.41	8.11
1925	57.87	6.23	10.16	8.85	10.87	7.70	8.16	12.30	15.66	10.79	11.81
1926	65.51	6.43	9.47	9.61	11.61	7.43	7.25	11.56	14.26	11.74	12.34
1927	74.19	7.23	11.36	10.15	12.90	7.26	7.04	11.41	14.12	9.63	9.95
1928	89.75	9.12	13.91	11.72	14.56	7.68	7.39	12.09	14.99	8.50	9.22
1929	94.10	9.15	13.43	12.17	14.76	7.55	6.87	11.91	14.62	9.33	10.16
1930	74.16	7.46	10.95	9.91	11.51	5.36	4.32	8.15	9.69	8.78	9.47
1931	51.28	5.31	8.06	7.04	8.33	3.43	2.79	5.74	7.26	5.83	6.16
1932	36.95	4.04	6.70	5.00	6.21	2.40	2.20	4.40	5.92	3.44	3.83
1933	33.20	3.63	5.42	4.61	5.88	2.37	2.30	4.78	6.65	3.49	3.94
1934	32.60	3.88	6.76	4.81	6.10	2.98	2.95	5.76	8.01	3.94	4.65

[1] Chicago prices are for beef steers, all grades, excluding western.

No. 583.—DOMESTIC ANIMALS: MONTHLY AVERAGE PRICES AT CHICAGO

[In dollars per 100 pounds, live weight]

Class and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average [1]
Beef steers: [2]													
1930	12.62	12.46	12.33	11.88	11.15	10.59	9.42	9.48	10.95	10.64	10.47	10.17	10.95
1931	9.43	8.36	8.40	7.82	7.30	7.43	7.62	8.53	8.29	8.38	8.53	7.11	8.06
1932	6.61	6.21	6.31	6.35	6.04	6.66	7.90	7.88	7.91	7.09	6.29	5.44	6.70
1933	4.95	4.80	5.04	4.96	5.04	5.79	6.01	5.88	5.75	5.53	5.13	5.17	5.42
1934	5.35	5.49	5.91	6.42	6.91	7.34	7.21	7.34	8.06	7.43	7.28	7.41	6.76
1935	9.24	10.49	10.77	11.10	11.13	10.28	9.80						
Calves, veal: [3]													
1930	14.80	12.66	11.96	10.55	11.36	11.03	11.37	11.98	11.83	11.33	9.53	9.77	11.51
1931	10.62	9.26	7.98	8.12	8.35	8.48	7.81	9.32	9.28	7.75	6.56	6.40	8.33
1932	7.56	7.52	6.41	5.44	5.70	6.06	6.10	6.80	7.06	5.48	5.09	5.26	6.21
1933	5.57	6.49	5.60	5.18	5.72	5.24	5.94	6.69	7.12	6.47	5.42	5.16	5.88
1934	6.01	6.62	6.20	5.94	5.97	4.94	5.26	6.25	7.58	6.82	5.78	5.87	6.10
1935	8.03	8.04	8.35	8.36	8.33	8.50	8.00						
Sheep: [4]													
1930	6.50	5.53	5.59	5.66	5.31	3.38	3.12	3.53	3.50	3.10	3.34	3.22	4.32
1931	3.97	4.25	4.54	3.90	2.78	1.62	2.50	2.03	1.58	1.94	2.16	2.18	2.79
1932	2.62	3.25	3.75	3.06	1.41	1.95	1.66	1.92	1.62	1.59	1.82	2.08	2.20
1933	2.90	2.34	2.48	2.38	2.51	2.34	2.09	2.25	2.14	2.03	2.18	2.55	2.30
1934	3.42	4.41	5.06	5.06	2.65	1.59	1.88	2.34	2.17	1.90	2.09	2.84	2.95
1935	4.30	4.75	4.51	4.44	3.57	2.56	2.65						
Lambs:													
1930	13.28	11.03	10.28	9.38	9.73	12.28	10.18	9.39	8.24	7.72	7.34	7.43	9.69
1931	8.43	8.19	8.31	9.06	8.55	7.72	6.62	6.88	6.49	5.88	5.64	5.32	7.26
1932	5.88	6.26	6.83	6.69	5.12	6.26	6.22	5.72	5.56	5.12	5.60	5.82	5.92
1933	5.90	5.51	5.41	5.25	6.36	7.50	7.82	7.52	7.16	7.00	6.95	7.37	6.65
1934	8.58	9.66	9.25	9.54	8.47	8.84	7.42	6.98	6.59	6.41	6.66	7.76	8.01
1935	9.02	8.49	8.24	8.16	7.50	8.91	8.52						
Hogs: [5]													
1930	9.78	10.67	10.17	10.00	10.02	9.52	8.73	9.58	9.76	9.34	8.55	7.92	9.47
1931	7.65	7.06	7.46	7.26	6.53	6.36	6.33	5.98	5.41	5.09	4.61	4.20	6.16
1932	4.00	3.89	4.33	3.85	3.34	3.62	4.58	4.21	4.00	3.50	3.34	3.04	3.83
1933	3.12	3.46	3.88	3.77	4.51	4.49	4.41	3.97	4.24	4.43	4.04	3.25	3.94
1934	3.41	4.39	4.31	3.85	3.51	4.09	4.49	5.89	6.82	5.60	5.66	5.89	4.65
1935	7.70	8.35	9.09	8.94	9.31	9.27	9.49						

[1] Simple averages of monthly prices, except for beef steers and hogs, which are weighted averages.
[2] Western steers not included.
[3] Good and choice grades.
[4] Slaughter ewes (culls excluded).
[5] Packer and shipper purchases.

Source of tables 582 and 583: Bureau of Agricultural Economics, Department of Agriculture.

No. 584.—DOMESTIC ANIMALS; MONTHLY FARM PRICES

[In dollars per 100 pounds live weight. Average prices for the year are weighted averages]

Class and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Beef cattle:													
1933	3.28	3.31	3.42	3.54	3.95	4.04	3.97	3.79	3.61	3.50	3.32	3.12	3.63
1934	3.33	3.67	3.79	3.89	4.14	4.00	3.91	3.72	4.21	3.96	3.81	3.88	3.88
1935	5.06	5.95	6.55	6.71	6.80	6.55	6.20						
Calves, veal:													
1933	4.12	4.75	4.57	4.36	4.50	4.51	4.62	4.75	4.96	4.84	4.66	4.20	4.61
1934	4.46	5.02	4.95	4.79	4.83	4.52	4.45	4.55	5.23	5.19	4.97	4.88	4.81
1935	5.84	6.47	6.97	7.17	6.96	7.10	6.75						
Sheep:													
1933	2.10	2.16	2.18	2.29	2.47	2.46	2.59	2.57	2.52	2.46	2.38	2.48	2.37
1934	2.71	3.46	3.66	3.63	3.54	2.98	2.73	2.59	2.45	2.52	2.55	2.66	2.98
1935	3.30	3.78	3.83	3.83	3.69	3.64	3.50						
Lambs:													
1933	4.09	4.19	4.27	4.34	4.72	5.18	5.24	5.26	5.08	5.01	4.95	4.92	4.78
1934	5.50	6.55	6.79	6.82	6.95	6.37	5.64	5.02	4.86	4.81	4.84	5.01	5.76
1935	6.21	6.65	6.67	6.58	6.59	6.52	6.26						
Hogs:													
1933	2.68	2.94	3.22	3.21	3.88	3.96	3.98	3.79	3.73	4.17	3.70	2.92	3.49
1934	3.06	3.87	3.88	3.49	3.17	3.52	3.97	4.61	6.04	5.20	5.04	5.15	3.94
1935	6.87	7.10	8.10	7.88	7.92	8.36	8.40						

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 585.—WHOLESALE PRICES OF MEATS AND ANIMAL PRODUCTS

[All prices are in cents per pound except for eggs, which are in cents per dozen, and milk in cents per quart. Relative prices based on 1923–1925=100]

Yearly average or year	Hogs, fair to choice, heavy, Chicago		Steers, good to choice, Chicago		Pork, fresh, (composite price), Chicago		Hams, cured, Chicago		Lard, prime contract, New York		Mutton, dressed, New York		Veal, fresh, good, Chicago	
	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1891–1895	5.08	53.6	4.78	47.3			10.6	46.5	7.8	55.3	7.6	55.9		
1896–1900	3.98	41.9	4.94	49.0			9.2	40.4	5.4	38.3	7.1	52.2		
1901–1905	5.89	62.1	5.52	54.7			11.4	50.0	8.6	61.0	7.6	55.9		
1906–1910	6.93	73.1	6.13	60.7			13.2	57.9	10.3	73.0	9.1	66.9		
1911–1915	7.64	80.6	8.28	82.0			15.4	67.5	10.1	71.6	9.4	69.1		[1] 58.2
1916–1920	15.07	159.0	14.16	140.3			28.6	125.4	21.9	155.3	16.4	120.6		83.2
1921–1925	9.26	97.7	9.70	96.1	[2] 16.1	[3] 100.0	24.3	106.6	13.0	92.2	12.6	92.6	[2] 16.1	98.3
1926–1930	10.41	109.8	12.25	121.3	18.7	116.1	25.1	110.1	12.6	89.4	13.4	98.5	20.2	125.5
1929	10.32	108.9	13.49	133.7	18.3	113.7	24.4	107.0	12.0	85.1	14.1	103.7	22.8	141.6
1930	9.61	101.4	11.03	109.3	17.5	108.7	23.0	100.9	10.9	77.3	10.0	73.5	17.9	111.2
1931	6.14	64.8	8.76	86.8	12.3	76.4	18.1	79.4	8.0	56.7	8.3	61.0	12.8	79.5
1932	3.82	40.3	7.80	77.3	7.8	48.4	13.3	58.3	5.0	35.5	7.0	51.5	9.1	56.5
1933	3.98	42.0	5.78	57.3	8.9	49.7	12.1	53.1	5.7	40.4	6.0	44.1	9.1	56.5
1934	5.03	53.1	7.89	78.2	12.3	76.4	15.2	66.7	8.3	58.9	7.1	52.2	9.3	57.8

Yearly average or year	Beef, fresh, carcass, steers, Chicago		Beef, fresh, native sides, New York		Poultry, dressed, New York		Butter, creamery, extra, New York		Cheese, whole milk, Chicago		Eggs, firsts, fresh, New York [3]		Milk, fresh, New York	
			Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1891–1895			7.9	52.0			24.7	54.9				42.9	3.3	45.2
1896–1900			7.8	51.3			20.1	44.7				38.1	3.1	42.5
1901–1905			8.3	54.6			23.3	51.8				50.7	3.4	46.6
1906–1910	[4] 11.0	[4] 64.7	9.1	59.9	[4] 15.9	[4] 54.8	27.9	62.0				60.1	4.0	54.8
1911–1915	12.8	75.3	12.1	79.6	17.2	59.3	30.0	66.7	[1] 14.3	[1] 65.3	[1] 25.7	67.7	4.2	57.5
1916–1920	19.8	116.5	18.6	122.4	30.9	106.6	50.1	111.3	24.6	112.3	45.6	123.2	7.1	97.3
1921–1925	16.4	96.5	14.8	97.4	29.8	102.8	43.8	97.3	21.1	96.3	37.2	100.5	7.4	101.4
1926–1930	20.3	119.4	18.5	121.7	29.5	101.7	44.1	98.0	22.0	100.5	33.0	89.2	8.2	112.3
1929	23.1	135.9	21.0	138.2	32.1	110.7	44.9	99.8	22.1	100.9	36.8	99.5	8.6	117.8
1930	20.7	121.8	17.6	115.8	26.2	90.3	36.4	80.9	18.2	83.1	27.8	75.1	8.3	113.7
1931	15.6	91.8	13.4	88.2	23.0	79.3	28.3	62.9	14.1	64.4	22.5	60.8	7.4	102.7
1932	13.1	77.1	11.7	77.0	17.5	60.3	21.0	46.7	12.0	54.8	19.3	52.2	5.1	69.9
1933	9.5	55.9	9.2	60.5	13.8	47.6	21.7	48.2	11.7	53.4	17.2	46.5	5.2	71.2
1934	11.4	67.1	10.7	70.4	15.0	51.7	25.5	56.7	12.9	58.9	20.3	54.9	6.6	90.4

[1] Average for 1913 to 1915.
[2] Average for 1923 to 1925.
[3] Index numbers are based on quotations for "new laid, *fair to fancy, near-by*" *prior to* 1913; they have been adjusted, however, for difference in grade and are closely comparable.
[4] Average for 1908 to 1910.

Source: Absolute prices, Bureau of Labor Statistics, Department of Labor; indexes, computed from absolute prices by Bureau of Foreign and Domestic Commerce.

No. 586.—MEAT ANIMALS: SLAUGHTER UNDER FEDERAL INSPECTION AND ESTIMATED TOTAL SLAUGHTER

[All figures in thousands]

Yearly average or year	Cattle		Calves		Sheep and lambs		Hogs		Goats, Federally inspected
	Total [1]	Federally inspected	Total [1]	Federally inspected	Total [1]	Federally inspected	Total [1]	Federally inspected	
1907–1910	13,323	7,609	6,332	2,102	14,102	10,827	53,717	32,234	75
1911–1915	11,648	7,152	5,440	1,976	17,974	13,969	57,355	34,460	103
1916–1920	14,045	9,838	7,444	3,399	14,283	11,056	63,278	39,608	126
1921–1925	13,682	8,979	8,905	4,556	15,316	11,891	71,786	46,269	26
1926–1930	13,106	8,932	8,817	4,759	17,961	14,010	71,391	45,355	22
1925	14,706	9,853	10,099	5,353	15,454	12,001	68,294	43,043	39
1926	14,971	10,180	9,542	5,153	16,689	12,961	65,779	40,636	32
1927	14,000	9,520	9,030	4,876	16,589	12,883	69,250	43,633	23
1928	12,452	8,467	8,667	4,080	17,348	13,488	76,593	49,795	19
1929	12,241	8,324	8,313	4,489	18,048	14,023	74,945	48,445	27
1930	12,168	8,170	8,532	4,595	21,132	16,697	70,390	44,266	11
1931	12,156	8,108	8,792	4,717	23,038	18,071	71,157	44,772	7
1932	11,895	7,625	8,650	4,494	22,945	17,899	74,021	45,245	7
1933	----------	8,655	----------	4,907	----------	17,354	----------	47,226	6
1934 [2]	----------	9,946	----------	6,084	----------	16,056	----------	43,873	9

[1] Subject to revision. No estimates of uninspected slaughter for 1933 and 1934.
[2] Excludes animals slaughtered under Government account as follows: Cattle, 3,329,000; calves, 1,371,000; sheep and lambs, 1,355,000; goats, 89,000.

No. 587.—MEATS AND LARD: ESTIMATED PRODUCTION AND CONSUMPTION OF MEATS AND LARD PRODUCED UNDER FEDERAL INSPECTION

NOTE.—Production and consumption are on a dressed weight basis. Consumption is computed from production, imports, exports, and changes in stocks

[Production and total consumption in millions of pounds; per capita consumption in pounds]

Yearly average or year	Production					Apparent consumption				
	All meats [1]	Beef and veal	Mutton and lamb	Pork [1]	Lard (rendered)	All meats [1]	Beef and veal	Mutton and lamb	Pork [1]	Lard (rendered)
1911–1915	10,201	3,930	556	5,715	1,006	(2)	(2)	(2)	(2)	(2)
1916–1920	12,114	5,151	419	6,544	1,198	10,092	4,979	422	4,691	(2)
1921–1925	13,479	5,072	456	7,891	1,660	11,854	5,080	465	6,309	780
1926–1930	13,529	5,039	544	7,945	1,621	12,533	5,111	545	6,882	878
1925	13,270	5,486	467	7,323	1,452	12,304	5,538	470	6,297	763
1926	13,530	5,757	501	7,273	1,513	12,413	5,759	500	6,154	789
1927	13,510	5,277	502	7,731	1,557	12,569	5,360	504	6,706	850
1928	13,829	4,727	523	8,579	1,750	12,667	4,813	524	7,330	936
1929	13,703	4,728	545	8,430	1,763	12,697	4,848	550	7,299	918
1930	13,072	4,704	650	7,718	1,521	12,344	4,776	649	6,919	896
1931	13,271	4,751	688	7,831	1,554	12,520	4,775	690	7,055	976
1932	12,906	4,394	682	7,831	1,573	12,348	4,416	681	7,250	1,031
1933	13,945	5,046	673	8,226	1,679	12,981	5,037	672	7,272	1,004
1934 [3]	13,459	5,604	624	7,231	1,341	12,795	5,568	623	6,604	920

Yearly average or year	Per capita consumption					Year	Per capita consumption				
	All meats [1]	Beef and veal	Mutton and lamb	Pork [1]	Lard (rendered)		All meats [1]	Beef and veal	Mutton and lamb	Pork [1]	Lard (rendered)
1916–1920	97.43	48.07	4.07	45.28	(2)	1929	104.60	39.94	4.53	60.13	7.57
1921–1925	106.27	45.54	4.17	56.56	6.99	1930	100.21	38.77	5.27	56.17	7.27
1926–1930	104.60	42.64	4.55	57.41	7.32	1931	100.92	38.49	5.56	56.87	7.87
1925	106.94	48.00	4.07	54.57	6.61	1932	98.88	35.37	5.45	58.06	8.25
1926	105.97	49.16	4.27	52.54	6.73	1933	103.34	40.10	5.36	57.88	7.99
1927	105.95	45.18	4.24	56.53	7.17	1934 [3]	101.19	44.03	4.93	52.23	7.29
1928	105.55	40.11	4.36	61.08	7.80						

[1] Carcass weight including lard content of hogs.
[2] Not available.
[3] Data for animals slaughtered under Government account are not included.

Source of tables 586 and 587: Bureau of Agricultural Economics, Department of Agriculture.

No. 588.—LIVESTOCK PRODUCTS OF FARMS: SUMMARY OF CENSUS STATISTICS FOR THE UNITED STATES

Product	Unit	Quantity (thousands) 1909	1919	1924	1929	Value (thousands of dollars) 1919	1924	1929
Total value						**2,666,944**	**2,345,219**	**3,307,325**
Dairy products						1,481,462	1,260,778	1,818,482
Butter made on farms	Lb.	994,651	707,666	642,803	542,064	346,356	228,139	216,898
Butter sold	do.	415,080	207,860	(1)	135,045	106,974	(1)	56,056
Cheese made on farms	do.	9,406	6,371	(1)	(1)	2,268	(1)	(1)
Whole milk sold	Gal.	1,937,256	2,529,331	2,666,612	4,455,639	717,380	555,269	1,036,650
Cream sold	do.	54,934	82,248	45,736	15,840	111,906	62,059	26,139
Butterfat sold	Lb.	305,663	532,244	1,061,062	1,179,906	303,552	415,311	538,795
Wool and mohair	do.	293,199	235,604	235,531	310,425	124,007	93,122	96,212
Wool produced	do.	[2] 289,420	[2] 228,795	[2] 227,105	295,964	[2] 120,418	[2] 88,630	89,415
Mohair produced	do.	3,779	6,809	8,426	14,461	3,589	4,491	6,797
Eggs and chickens						[2] 1,047,195	[2] 991,319	1,380,371
Chicken eggs produced	Doz.	[2] 1,574,979	[2] 1,654,045	[2] 1,913,245	2,689,719	[2] 661,083	[2] 571,938	799,261
Eggs sold	do.	[3] 926,466	1,010,813	(1)	1,955,459	404,563	(1)	585,868
Chickens raised [4]	No.	[2] 460,611	[2] 473,201	[2] 545,848	673,092	[2] 386,112	[2] 419,381	581,110
Chickens sold	do.	[5] 153,000	140,811	(1)	284,626	110,723	(1)	262,516
Honey and wax						14,280	(1)	12,260
Honey produced	Lb.	54,815	55,224	(1)	83,546	13,989	(1)	12,260
Wax produced	do.	905	821	(1)	(1)	291	(1)	(1)

[1] Not reported. [2] Figures include estimates for incomplete reports. [3] Eggs of all kinds.
[4] Data for other poultry raised in 1929 were as follows: Turkeys, 16,794,485, valued at $47,767,826; ducks, 11,337,487, valued at $12,211,317; and geese, 3,989,831, valued at $6,643,746.
[5] Fowls of all kinds.

No. 589.—DAIRY PRODUCTS: FACTORY PRODUCTION BY DETAILED CLASSES

[In thousands of pounds]

Manufactured product	1928	1929	1930	1931	1932	1933
Creamery butter [1]	1,488,146	1,598,248	1,597,747	1,667,452	1,694,132	1,762,688
Renovated or process butter	2,716	2,531	1,850	1,236	950	1,079
American cheese (whole milk)	335,253	370,314	378,816	374,648	370,743	408,631
American cheese (part skim)	2,900	4,951	3,653	3,108	3,319	6,338
American cheese (full skim)	3,048	1,074	669	416	225	680
Swiss cheese (including block)	16,718	19,406	26,393	28,234	25,533	40,287
Brick and Munster cheese	28,960	31,763	33,548	35,484	36,973	36,057
Limburger cheese	7,437	8,568	8,473	8,508	7,897	9,469
Cream and Neufchatel cheese	30,589	34,405	33,213	33,637	31,608	33,438
All Italian varieties of cheese	3,587	5,948	8,573	3,493	3,795	4,759
All other varieties of cheese	9,027	7,504	7,029	4,851	4,010	4,076
Cottage, pot, and bakers' cheese	87,525	94,941	97,641	101,617	103,524	100,854
Condensed milk (sweetened):						
Skimmed	156,089	204,107	161,063	142,118	122,090	116,196
Unskimmed	177,737	197,611	184,047	143,356	112,916	94,844
Evaporated milk (unsweetened):						
Skimmed	158,243	153,624	157,862	145,502	138,646	127,197
Unskimmed	1,420,358	1,651,306	1,577,352	1,539,031	1,666,664	1,803,692
Condensed or evaporated buttermilk	102,452	107,288	96,431	64,619	52,167	50,175
Dried or powdered buttermilk	45,502	54,215	64,601	50,536	48,712	53,260
Powdered whole milk	9,605	13,202	15,440	12,627	11,983	13,026
Powdered skimmed milk	147,996	207,579	260,675	261,938	270,194	288,114
Powdered cream	673	294	400	161	80	154
Dried casein (skim-milk or buttermilk product)	22,151	30,537	41,965	35,335	24,428	24,087
Malted milk	21,128	22,850	22,691	19,197	13,215	12,430
Milk sugar (crude)	5,323	8,965	12,779	9,562	3,700	3,827
Ice cream of all kinds [2]	232,185	254,618	240,750	208,239	154,604	148,913

[1] Includes butter made from whey cream. [2] Production of ice cream shown in thousands of gallons.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 590.—MANUFACTURED DAIRY PRODUCTS: FACTORY PRODUCTION, WHOLE MILK EQUIVALENTS, AND ESTIMATED FACTORY PURCHASES OF FLUID MILK

[Whole milk per unit of factory product in pounds; other figures in thousands of pounds except as noted]

Factory product	Whole milk per unit of factory product	1931		1932		1933	
		Quantity manufactured	Whole milk	Quantity manufactured	Whole milk	Quantity manufactured	Whole milk
Creamery butter (incl. whey butter)	21	1,667,452	35,016,492	1,694,132	35,576,772	1,762,688	37,016,448
American cheese[1]	10	377,756	3,777,560	374,062	3,740,620	414,969	4,149,690
Cheese, other than American and cottage, pot, and bakers'	10	114,207	1,142,070	109,816	1,098,160	128,086	1,280,860
Evaporated milk, unskimmed	2.2	1,539,031	3,385,868	1,666,664	3,666,661	1,803,692	3,968,122
Condensed milk, unskimmed	2.2	143,356	315,383	112,916	248,415	94,844	208,657
Ice cream, factory	15	[2] 208,239	3,123,585	[2] 156,812	2,352,180	[2] 150,870	2,263,050
Dry or powdered cream	19	161	3,059	80	1,520	154	2,926
Dry or powdered whole milk	8	12,627	101,016	11,983	95,864	13,026	104,208
Malted milk	2.6	19,197	49,912	13,215	34,359	12,430	32,318
Gross milk equivalent			46,914,945		46,814,551		49,026,279
Deduct duplication and losses[3]			2,186,331		2,045,867		2,119,511
Net whole milk equivalent based on plant milk and cream receipts			44,728,614		44,768,684		46,906,768

[1] Whole milk and part skim.

[2] Thousand gallons.

[3] Duplication resulting from recovery of butterfat from whey cream, and from the use of butter and condensed or evaporated milk in manufacture of ice cream, and losses on account of some fat remaining in skim milk on farms, spillage, stickage, etc., before being delivered, rounding of fractional weights, and tests.

No. 591.—OLEOMARGARINE: PRODUCTION AND MATERIALS USED

NOTE.—All figures in thousands of pounds. Figures for production by kind of oil used are as reported to the Bureau of Agricultural Economics, Department of Agriculture, while other production figures are as reported to the Commissioner of Internal Revenue for taxation purposes. Colored oleomargarine is taxed 10 cents per pound; uncolored, ¼ cent per pound.

Year ended June 30—	Oleomargarine production		
	Total	Colored	Uncolored
1913	145,228	6,520	138,707
1914	144,021	6,384	137,637
1915	145,810	7,595	138,215
1916	152,510	6,749	145,761
1917	233,170	8,012	225,158
1918	326,529	6,595	319,934
1919	359,217	13,849	345,368
1920	391,280	15,624	375,656
1921	281,082	11,601	269,481
1922	190,950	6,604	184,346
1923	209,182	8,260	200,922
1924	239,699	11,548	228,151
1925	215,403	11,280	204,123
1926	248,047	13,181	234,866
1927	257,157	14,502	242,655
1928	294,699	15,351	279,348
1929	333,122	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
1933 (calendar year)			
Total	242,232	2,504	239,728
Combined animal and vegetable oil	42,520	1,801	40,719
Vegetable and nut oil	199,712	703	199,009
1934 (calendar year)			
Total	262,900	2,921	259,979
Combined animal and vegetable oil	54,640	2,129	52,511
Vegetable and nut oil	208,260	792	207,468

District or material	Year ended June 30—			
	1931	1932	1933	1934
PRODUCTION				
California	31,049	26,175	28,133	30,617
Colorado	856	552	451	581
Illinois	120,422	93,062	87,692	99,078
Indiana	3,914	4,592	8,946	12,444
Kansas	18,799	16,388	12,770	12,400
Maryland	6,120	4,829	5,613	5,385
Massachusetts	2,391	1,632	1,527	1,474
Michigan	8,637	9,436	10,453	12,377
Minnesota	1,731	1,107	963	810
Missouri	10,766	6,286	3,857	4,319
Nebraska	2,183	1,341	910	1,148
New Jersey	24,534	21,216	18,155	19,575
Ohio	29,074	24,716	36,148	39,280
Oregon	2,569	664	898	1,029
Rhode Island	710	339	253	529
Texas	3,410	2,338	2,262	2,142
Wisconsin	5,886			
All other	4,724	670		
MATERIAL CONSUMED				
Total	334,891	247,365	243,836	271,329
Coconut oil	155,954	127,967	134,430	140,083
Cottonseed oil	22,037	14,874	16,031	24,338
Milk	77,251	54,257	52,007	57,794
Palm oil	2,773	314	388	326
Peanut oil	5,291	3,780	2,338	2,641
Salt	22,981	14,659	12,598	14,187
Oleo oil	28,040	15,315	12,467	17,984
Oleostearine	5,485	4,337	3,283	3,301
Oleo stock	1,025	641	573	832
Neutral lard	10,180	10,557	9,130	9,240
Butter	1,013	39	16	10
Miscellaneous	2,862	625	585	1,094

Sources: Table 590 and calendar year figures, table 591, Bureau of Agricultural Economics, Department of Agriculture; other figures, table 591, Commissioner of Internal Revenue, Treasury Department.

No. 592.—BUTTER AND CHEESE: PRODUCTION, GROSS RECEIPTS AT FIVE PRINCIPAL MARKETS, AND COLD-STORAGE HOLDINGS

NOTE.—All figures in thousands of pounds. Cheese production relates to the grade "American" (whole milk) only, receipts to all kinds.

Product and market	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934
BUTTER							
Production, creamery [1]	1,233,655	1,525,514	1,595,231	1,667,452	1,694,132	1,762,688	[2] 1,653,791
Receipts (5 markets) [3]	643,166	686,558	682,693	712,390	708,925	761,129	698,564
New York	238,240	259,697	268,070	274,218	282,520	290,449	263,256
Chicago	228,995	236,106	233,638	243,695	223,428	261,001	228,241
Philadelphia	68,086	83,343	83,762	90,585	92,243	92,387	88,947
Boston	81,413	81,764	72,455	77,200	81,984	88,275	90,535
San Francisco	26,431	25,648	24,738	26,692	28,750	29,017	27,585
Cold-storage holdings, Dec. 1 [4]	67,999	83,650	88,012	42,242	37,207	138,106	81,034
CHEESE							
Production, American	304,915	345,615	378,816	374,648	370,743	408,631	[2] 423,968
Receipts (5 markets) [3]	207,821	193,169	184,199	148,656	157,022	152,205	160,058
New York	48,127	48,730	52,165	56,005	61,195	59,850	69,293
Chicago	115,674	95,138	58,866	41,555	42,504	36,889	32,880
Philadelphia	18,920	20,406	21,167	20,949	22,031	23,280	24,815
Boston	14,336	15,884	16,882	17,240	16,593	17,680	19,422
San Francisco	10,763	13,062	15,119	12,907	14,349	14,506	13,648
Cold-storage holdings, Dec. 1: [4]							
American	50,330	66,770	71,132	60,583	62,392	85,146	96,688
All other	16,150	16,412	16,039	17,982	11,524	13,863	13,284

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BUTTER												
Production, creamery: [1]												
1932	124,320	124,894	133,095	141,741	186,607	190,644	163,370	149,625	127,386	121,819	109,790	120,841
1933	130,245	122,322	133,266	138,306	191,098	201,969	176,829	166,562	140,038	136,454	115,215	116,384
1934 [2]	113,296	106,799	123,765	133,636	174,611	180,747	172,322	162,589	141,809	130,861	110,655	102,701
1935 [2]	100,130	97,003	107,060	127,460	175,096	196,603						
Receipts (5 markets):												
1932	56,775	56,971	58,214	57,945	75,553	83,229	66,513	60,407	49,935	46,129	47,234	50,020
1933	58,293	51,337	58,133	55,145	74,617	83,921	73,497	73,306	63,018	58,313	55,060	56,489
1934	52,607	46,861	57,926	54,152	70,551	73,259	70,273	66,404	56,664	57,228	47,708	44,031
1935	48,893	43,390	43,766	50,800	67,613	83,685						
CHEESE												
Production, American:												
1932	20,895	21,993	25,484	29,706	41,933	48,534	40,205	34,796	31,510	29,267	23,601	22,819
1933	24,877	23,868	28,571	32,356	43,564	54,653	48,206	42,857	35,620	29,864	21,016	23,179
1934 [2]	20,937	22,927	29,606	34,996	46,010	54,077	49,165	44,650	38,205	33,732	28,140	21,517
1935 [2]	18,771	19,493	23,891	29,431	42,702	54,872						
Receipts (5 markets):												
1932	11,362	12,075	11,759	10,765	13,972	15,730	16,492	14,855	12,771	13,329	12,505	11,407
1933	10,768	9,982	12,725	12,729	16,036	13,989	16,923	12,656	12,171	12,709	10,771	10,746
1934	13,788	12,366	9,938	10,553	15,029	14,392	16,487	17,257	12,840	14,277	13,609	9,522
1935	13,526	10,821	8,955	10,688	11,804	14,645						

[1] Includes whey butter beginning 1931. [2] Estimates. [3] Gross weight. [4] Net weight.

No. 593.—BUTTER, BUTTERFAT, AND CHEESE: WHOLESALE PRICE OF BUTTER AND CHEESE AT NEW YORK AND FARM PRICE OF BUTTER AND BUTTERFAT

NOTE.—Prices in cents per pound. Farm prices represent weighted averages for the entire country. Wholesale prices are for 92-score creamery butter and No. 1 American, single daisies cheese.

Year	Butter		Butterfat (farm)	Cheese (New York)
	Farm	New York		
1913	26.7	32	27.4	15
1924	39.4	43	39.8	21
1925	40.7	45	41.9	24
1926	41.1	44	41.3	23
1927	42.3	47	43.7	26
1928	43.7	47	45.6	25
1929	43.8	45	45.2	24
1930	36.3	37	34.5	20
1931	27.3	28	24.8	15
1932	20.8	21	17.9	13
1933	20.2	22	18.8	13
1934	22.8	26	22.7	14

Month	Butter (New York)		Butterfat (farm)		Cheese (New York)	
	1934	1935	1934	1935	1934	1935
January	20	34	16.1	30.5	13	17
February	25	36	21.6	35.9	16	18
March	25	32	23.5	31.2	15	17
April	24	34	21.0	33.8	13	17
May	24	27	21.5	27.5	14	16
June	25	24	22.2	23.7	15	15
July	24	------	22.1	22.3	13	------
August	27	------	24.3	------	15	------
September	26	------	24.0	------	14	------
October	27	------	24.3	------	14	------
November	29	------	27.2	------	15	------
December	31	------	28.2	------	15	------

Source of tables 592 and 593: Bureau of Agricultural Economics, Department of Agriculture.

No. 594.—POULTRY: FARM PRICES AND RECEIPTS AT PRINCIPAL MARKETS

[Prices in cents per pound; receipts in thousands of pounds]

	1914–1920, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933	1934
Chickens, average farm price	17.6	19.1	20.3	17.6	14.9	10.9	9.1	11.2
Turkeys, average farm price, Nov. 15	22.0	27.6	27.8	20.1	18.3	12.9	11.8	14.6
Dressed poultry, receipts, 4 markets		308,008	358,032	368,863	386,361	355,454	380,318	334,415
Boston		49,696	53,554	51,289	57,782	58,213	64,728	52,672
New York		155,206	194,666	200,885	218,911	195,445	223,094	204,067
Philadelphia		25,151	33,398	36,536	38,193	36,447	37,066	32,972
Chicago		77,895	76,414	80,153	71,475	65,349	55,430	44,704

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chickens, average farm price:												
1932	13.3	12.6	12.6	12.6	12.2	11.4	11.7	11.7	11.6	10.7	10.1	9.2
1933	9.3	9.4	9.1	9.8	10.4	10.0	10.4	9.8	9.5	9.3	8.8	8.6
1934	9.4	10.2	10.7	11.1	11.2	11.2	11.7	11.4	12.7	11.8	11.7	11.7
1935	12.3	13.4	14.2	15.5	15.7	15.6	14.0					
Dressed poultry, receipts, 4 markets:												
1932	23,411	19,621	18,725	15,047	18,404	20,243	18,312	21,582	24,410	31,762	71,237	72,700
1933	20,144	20,797	17,485	18,370	22,708	23,671	21,727	23,588	24,573	31,589	78,318	68,348
1934	29,338	17,927	15,519	12,766	19,237	22,455	22,078	21,564	24,241	30,667	62,192	56,431
1935	20,916	15,102	12,620	13,537	14,436	18,279	18,239					

No. 595.—EGGS: PRICES, RECEIPTS AT PRINCIPAL MARKETS, AND STORAGE

[Prices in cents per dozen; receipts and storage in thousands of cases]

	1910–1914, average	1926–1930, average	1932	1933	1934		1926–1930, average	1932	1933	1934
Average farm price	22	28	14	14	17	Receipts (5 markets)	15,946	13,774	14,628	13,614
Wholesale prices:						Boston	1,763	1,439	1,330	1,293
Western firsts, Boston	25	34	20	17	21	New York	7,176	6,702	6,885	6,436
Fresh firsts, New York	25	33	19	17	20	Philadelphia	1,661	1,496	1,530	1,406
Western extra firsts, Philadelphia	26	37	22	21	24	Chicago	4,590	3,412	4,135	3,697
Fresh firsts, Chicago	22	32	18	16	19	San Francisco	756	725	748	782
Fresh extras, San Francisco	32	34	22	21	22	Cold-storage holdings (shell eggs):				
Average export value	22	29	22	21	24	July 31	10,249	6,431	9,507	8,961
						Dec. 31	1,394	159	731	648

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average farm price:												
1932	17	13	10	10	10	11	12	15	17	22	26	28
1933	21	11	10	10	12	10	13	13	16	21	24	22
1934	18	16	14	14	13	13	14	17	22	24	29	27
1935	25	20	19	20	21	21	22					
Wholesale price, fresh firsts, New York:												
1932	19	18	14	14	15	14	15	17	21	24	31	31
1933	23	14	14	13	14	13	15	14	18	20	26	22
1934	22	18	18	17	16	16	17	21	22	24	28	27
1935	30	30	21	24	25	24	24					
Receipts (5 markets):												
1932	936	1,090	1,435	1,917	1,971	1,496	1,082	1,035	853	738	605	618
1933	1,050	988	1,639	2,280	2,502	1,576	1,152	951	733	651	514	590
1934	808	1,165	1,824	2,051	1,927	1,452	1,009	828	665	655	588	642
1935	750	858	1,488	1,866	1,963	1,503						

Source of tables 594 and 595: Bureau of Agricultural Economics, Department of Agriculture.

No. 596.—COLD-STORAGE HOLDINGS OF ANIMAL PRODUCTS AND FROZEN FISH

NOTE.—All figures are in thousands of pounds, except shell eggs and total meats, which are in thousands of 30-dozen cases and millions of pounds, respectively. Quantities are net weights and are as of 1st of each month. Beef and pork figures include frozen, cured, and in process of cure

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1931	63,401	46,792	30,672	18,010	17,195	35,155	89,172	115,121	104,678	80,152	56,229	42,242
1932	26,643	22,506	15,243	9,094	10,394	29,160	84,269	110,247	107,259	89,490	66,828	37,207
1933	22,043	17,833	11,580	9,255	9,398	35,159	106,378	150,934	175,476	174,713	160,463	138,166
1934	111,249	75,995	36,853	15,351	11,838	27,161	70,148	108,748	120,467	125,047	111,073	81,034
1935	47,175	13,907	8,110	5,341	5,676	33,096	96,254					
American cheese:												
1931	63,326	54,499	47,968	41,836	40,542	42,461	58,144	68,532	68,874	65,802	63,968	60,583
1932	60,804	54,360	47,106	42,009	38,951	40,461	53,922	63,667	66,721	68,555	66,813	62,392
1933	57,749	53,532	46,992	41,625	37,321	41,336	67,456	82,771	94,394	99,326	95,831	85,146
1934	77,773	65,476	54,934	49,856	52,217	58,073	79,925	97,018	103,805	108,624	102,832	96,688
1935	89,878	71,007	60,943	54,769	46,593	48,320	64,385					
All varieties of cheese:												
1931	79,015	69,471	61,841	54,270	53,172	55,939	72,977	84,103	86,418	83,426	81,743	78,565
1932	78,318	70,682	60,962	54,021	50,764	52,118	66,531	76,327	79,847	81,406	78,274	73,916
1933	68,714	63,321	55,731	48,806	43,626	48,481	78,715	94,291	108,035	113,131	109,655	99,009
1934	91,970	78,789	67,819	62,153	65,450	71,469	96,960	115,842	122,495	127,363	118,008	109,972
1935	102,197	81,220	70,156	62,851	54,459	56,767	75,280					
Shell eggs:												
1931	1,894	735	408	1,893	5,162	7,887	9,507	9,504	9,016	7,960	5,745	3,447
1932	1,475	663	258	709	2,932	5,380	6,339	6,431	5,960	4,895	3,225	1,199
1933	159	75	163	1,833	4,857	8,062	9,364	9,507	8,944	7,466	5,175	2,641
1934	731	50	90	1,208	4,640	7,819	8,965	8,961	7,938	6,803	4,633	2,380
1935	648	39	34	1,508	3,901	6,366	7,591					
Frozen eggs:[1]												
1931	83,184	75,685	73,889	78,051	91,517	106,607	113,513	114,700	110,271	103,302	94,816	80,407
1932	79,198	72,439	68,024	69,031	81,920	94,978	100,486	99,112	92,967	84,187	74,314	64,150
1933	55,339	46,448	40,450	45,090	62,944	85,323	103,019	107,660	102,449	93,182	82,302	72,348
1934	61,419	49,910	39,181	38,679	62,632	93,947	116,058	121,564	111,994	99,951	88,715	76,073
1935	64,879	52,726	39,413	39,516	59,313	84,680	107,930					
Frozen poultry:												
1931	104,913	101,307	95,188	89,986	45,920	35,348	32,762	36,438	43,059	56,215	65,668	89,971
1932	116,700	111,554	96,422	74,600	56,676	44,829	36,661	31,471	30,305	36,683	54,089	91,118
1933	111,642	104,333	88,675	67,285	45,824	38,131	42,705	44,970	47,789	50,177	59,528	91,211
1934	123,503	120,177	101,776	74,197	49,212	39,790	40,609	44,904	46,053	55,262	73,401	105,565
1935	132,001	122,285	106,776	83,713	61,815	48,274	46,967					
Beef:												
1931	75,285	72,398	67,622	61,111	53,150	49,448	45,548	41,055	39,050	35,171	34,407	39,158
1932	53,199	51,285	51,107	46,346	41,226	35,655	29,909	26,719	24,376	25,909	36,036	41,029
1933	42,870	39,550	36,015	33,781	30,658	30,538	35,136	41,823	48,446	51,198	59,233	70,010
1934	79,232	72,948	64,745	55,848	46,590	42,546	45,471	61,545	80,075	92,575	108,399	127,953
1935	140,940	127,097	110,777	98,560	77,559	63,523	55,543					
Pork:												
1931	521,192	726,264	853,408	843,671	867,524	827,751	774,651	711,811	595,063	474,887	380,895	396,563
1932	563,306	674,151	812,399	792,197	799,064	795,866	724,271	643,052	578,876	498,253	433,548	403,898
1933	490,850	575,084	609,321	610,240	630,360	670,553	760,730	808,822	756,701	630,437	493,308	529,454
1934	629,696	730,404	733,956	657,222	656,087	641,568	628,425	643,566	542,010	524,220	504,737	571,913
1935	687,563	667,984	666,598	627,346	564,881	503,413	445,223					
All meats:												
1931	685	896	1,017	994	1,005	959	898	824	702	569	466	488
1932	684	707	939	906	901	892	810	722	650	566	510	483
1933	579	664	693	688	708	754	863	920	879	748	605	657
1934	778	879	867	771	756	738	737	785	714	724	723	817
1935	959	909	870	808	712	626	556					
Frozen fish:[2]												
1931	71,817	56,560	38,567	28,095	31,283	39,384	48,445	57,518	68,083	73,144	74,725	72,362
1932	64,478	50,601	35,564	25,916	28,622	34,311	41,306	51,581	59,269	63,073	62,104	55,738
1933	45,476	35,469	25,855	19,335	19,645	25,711	33,331	44,882	51,475	55,928	58,338	57,188
1934	44,660	32,523	18,513	15,839	20,553	34,674	50,777	62,601	73,037	77,151	77,126	73,850
1935	64,176	51,574	35,213	22,068	21,691	35,905	48,157					
Lard:												
1931	51,434	62,624	74,977	78,249	95,693	103,366	115,561	121,926	96,047	69,206	39,766	34,824
1932	51,224	78,430	92,861	105,635	111,007	128,103	130,363	121,618	100,577	70,656	34,410	29,766
1933	41,088	52,841	58,182	61,674	71,895	110,889	186,250	219,259	224,476	192,061	133,693	116,077
1934	132,510	168,756	176,044	173,775	179,098	182,240	195,135	209,497	167,155	128,054	105,519	103,827
1935	118,107	112,497	110,197	104,934	101,224	89,986	84,871					

[1] Frozen eggs may be converted to cases on the basis of 35 pounds to a case.
[2] Holdings of frozen fish are for the 15th of each month.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 597.—MILK, BUTTERFAT, AND BUTTER: CENSUS STATISTICS, BY STATES

Division and State	Milk produced (thousands of gallons)		Milk sold by farmers (thousands of gallons)		Butterfat sold (thousands of pounds)		Butter made (thousands of pounds)		
								1929	
	1924[1]	1929	1924	1929	1924	1929	1924 (Total[2,3])	On farms	In factories[2]
United States	9,198,304	11,052,023	2,666,612	4,455,639	1,061,062	1,179,906	[4] 2,096,287	542,064	[4] 1,615,888
New England	402,765	415,304	205,540	300,149	32,825	11,761	[5] 31,678	13,703	----------
Maine	70,949	71,101	18,289	28,060	5,266	3,109	9,667	8,188	([6])
New Hampshire	38,149	40,680	21,026	29,402	1,315	427	[7] 2,470	1,769	([6])
Vermont	127,957	139,075	40,357	100,044	24,802	7,747	13,991	2,218	5,137
Massachusetts	86,575	85,421	65,849	73,375	1,057	310	3,924	818	1,230
Rhode Island	13,504	14,390	11,392	13,522	8	10	[7] 132	53	([6])
Connecticut	65,631	64,137	48,627	55,146	377	98	[7] 1,494	657	([6])
Middle Atlantic	1,264,501	1,382,227	883,182	1,122,986	36,014	12,548	[5] 83,256	33,118	----------
New York	741,983	800,524	552,804	682,504	19,451	6,202	40,343	13,996	9,355
New Jersey	76,245	81,772	60,909	73,766	1,215	24	[7] 945	578	([8])
Pennsylvania	446,273	479,931	269,469	366,716	15,348	6,320	41,968	18,542	11,854
East North Central	2,614,917	2,983,768	920,994	1,672,996	368,345	283,775	534,308	54,995	436,237
Ohio	425,834	454,117	159,816	227,151	45,766	45,683	108,945	14,501	89,360
Indiana	270,963	332,183	66,062	142,720	39,051	41,256	69,140	8,754	56,608
Illinois	435,133	506,374	196,557	238,287	32,522	50,631	86,640	16,313	73,887
Michigan	424,236	449,756	144,911	221,411	51,508	46,713	92,207	12,414	61,076
Wisconsin	1,058,751	1,241,338	353,648	843,427	199,438	99,492	177,374	3,013	155,306
West North Central	2,275,079	2,919,936	167,103	327,795	424,377	602,875	818,319	94,490	834,724
Minnesota	663,538	825,441	50,829	95,757	156,398	198,708	284,886	10,246	283,630
Iowa	515,910	647,224	35,379	64,538	98,688	140,521	191,688	14,679	213,731
Missouri	273,956	369,134	30,207	67,005	31,743	55,673	88,543	20,996	86,951
North Dakota	199,037	227,819	3,038	8,210	33,259	47,519	47,455	13,361	38,955
South Dakota	172,968	231,187	5,145	9,590	33,747	50,430	40,129	9,315	40,894
Nebraska	197,601	292,938	13,876	29,932	31,243	52,792	98,731	13,066	106,199
Kansas	251,969	326,193	28,539	52,763	39,299	57,133	67,387	12,827	59,364
South Atlantic	567,849	644,881	120,956	192,533	8,520	17,239	[5] 118,038	105,867	----------
Delaware	13,037	14,757	8,551	11,435	181	33	[7] 812	480	([6])
Maryland	74,043	87,786	42,983	65,080	1,891	812	6,050	3,626	183
Dist. of Col.	481	504	439	476	----------	----------		3	([8])
Virginia	127,447	145,525	24,241	38,539	2,911	6,698	28,846	22,916	5,497
West Virginia	76,621	83,868	10,425	16,951	1,282	4,061	16,744	12,674	496
North Carolina	108,151	119,992	11,222	19,792	975	2,003	26,952	26,158	2,230
South Carolina	49,982	52,526	8,214	7,673	326	482	12,863	11,537	469
Georgia	98,822	113,640	11,310	17,958	906	3,043	25,771	26,690	2,158
Florida	19,265	26,284	8,571	14,629	48	107		1,783	1,061
East South Central	499,612	646,606	47,541	127,626	18,703	39,173	141,202	107,013	48,992
Kentucky	165,921	210,624	17,495	38,912	9,619	22,036	43,207	22,886	20,033
Tennessee	148,759	181,790	15,591	43,608	5,209	10,120	44,857	29,331	17,207
Alabama	95,365	123,548	7,129	16,760	967	1,808	29,044	32,964	2,154
Mississippi	89,567	130,644	7,326	28,346	2,908	4,609	24,094	21,832	6,938
West South Central	588,777	848,817	64,553	135,675	23,508	71,528	141,352	109,585	56,250
Arkansas	98,769	128,569	5,758	13,345	2,073	8,965	20,267	23,999	2,985
Louisiana	87,870	58,289	10,935	14,736	76	715		5,816	758
Oklahoma	177,597	249,251	12,358	32,446	16,310	33,145	41,958	21,734	27,510
Texas	274,541	412,708	35,502	75,148	5,049	28,701	70,127	58,016	24,997
Mountain	362,431	469,473	64,668	135,187	52,609	66,411	87,227	15,645	79,680
Montana	73,186	87,378	6,175	12,546	9,886	13,868	20,164	4,502	13,975
Idaho	78,505	104,667	8,805	28,449	14,490	17,417	20,129	2,450	23,571
Wyoming	24,318	32,879	2,112	6,901	3,524	4,886	3,954	1,354	2,864
Colorado	96,649	121,906	17,703	36,082	14,081	17,208	24,529	3,579	22,020
New Mexico	19,027	24,491	3,987	4,776	1,219	3,019	2,055	1,321	566
Arizona	18,416	21,005	6,835	11,984	1,728	1,806	2,589	511	2,613
Utah	40,847	65,039	7,507	32,419	5,651	6,050	11,052	1,752	11,793
Nevada	11,483	12,108	1,734	2,030	2,030	2,057	2,755	176	2,278
Pacific	622,373	761,011	201,885	440,692	96,181	74,600	139,874	7,670	121,702
Washington	169,846	180,104	45,819	91,791	27,217	19,595	34,560	8,196	26,695
Oregon	112,218	135,377	25,598	51,785	18,990	19,957	26,908	2,530	23,826
California	340,309	445,530	130,468	297,116	49,954	35,048	78,406	1,944	69,181

[1] Including estimates for incomplete reports.
[2] Figures given are inclusive of small amounts of butter made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.
[3] Includes butter made on farms in 1924 and in factories in 1925.
[4] Includes 1,035,000 pounds of butter made in factories in New Hampshire, Connecticut, Rhode Island, New Jersey, and Delaware in 1925, and 463,000 pounds made in factories in Maine, New Hampshire, Rhode Island, Connecticut, and Delaware in 1929. The reports for these States are not shown separately. (See note 6.)
[5] Excludes small amount of butter made in factories of one or more States in this group.
[6] Not shown separately, as to do so would disclose individual operations.
[7] Excludes butter made in factories.
[8] No butter reported.

Source: Bureau of the Census, Department of Commerce.

No. 598.—CHICKENS ON FARMS, CHICKENS RAISED, AND EGGS PRODUCED

NOTE.—For additional figures for United States as a whole, see table 538

Division and State	Chickens on hand (thousands)			Chickens raised (thousands)			Eggs produced (thousands of dozens)		
	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)[1]	1919[2]	1924[2]	1929	1919[2]	1924[2]	1929
United States	352, 537	409, 291	378, 878	473, 201	545, 848	673, 092	1, 654, 045	1, 913, 245	2, 689, 719
New England	5, 804	8, 138	6, 882	8, 378	13, 439	16, 502	37, 632	56, 540	63, 103
Maine	1, 403	1, 900	1, 451	1, 908	2, 838	3. 238	9, 977	13, 613	13, 737
New Hampshire	771	1, 207	914	1, 071	2, 442	2, 679	5, 005	8, 181	8, 537
Vermont	800	941	749	1, 016	1, 339	1, 378	5, 167	6, 372	6, 680
Massachusetts	1, 455	2, 030	1, 926	2, 401	3, 931	5, 088	9, 004	14, 325	18, 102
Rhode Island	254	361	305	434	519	608	1, 537	2, 275	2, 469
Connecticut	1, 120	1, 699	1, 537	1, 546	2, 670	3, 511	6, 341	11, 775	13, 578
Middle Atlantic	27, 452	34, 329	31, 497	31, 059	39, 779	53, 153	151, 453	216, 632	253, 507
New York	10, 415	13, 409	11, 954	11, 873	14, 941	19, 518	62, 175	87, 167	97, 927
New Jersey	2, 534	4, 114	4, 097	3, 523	5, 492	7, 995	13, 280	27, 417	35, 956
Pennsylvania	14, 503	17, 306	15, 446	15, 664	19, 346	25, 640	75, 998	102, 048	119, 624
East North Central	84, 516	89, 623	77, 664	99, 252	113, 867	137, 853	400, 445	441, 682	543, 261
Ohio	20, 233	20, 927	18, 000	22, 458	26, 937	32, 574	102, 377	112, 893	135, 990
Indiana	16, 754	17, 355	14, 083	22, 618	25, 257	29, 048	83, 101	86, 975	103, 540
Illinois	25, 121	25, 738	22, 082	29, 894	32, 204	38, 125	105, 758	113, 021	136, 830
Michigan	10, 914	12, 579	10, 380	12, 442	15, 276	18, 146	55, 987	68, 209	77, 401
Wisconsin	11, 495	13, 023	13, 139	11, 840	14, 194	19, 960	53, 222	60, 584	89, 500
West North Central	105, 345	123, 101	113, 261	126, 763	153, 864	198, 438	474, 592	543, 558	778, 028
Minnesota	13, 213	16, 408	16, 611	15, 062	20, 352	26, 979	60, 250	76, 322	107, 304
Iowa	27, 747	30, 275	30, 666	31, 076	38, 185	48, 216	120, 697	133, 776	188, 336
Missouri	24, 884	28, 222	25, 197	29, 363	34, 596	40, 783	117, 204	129, 291	180, 350
North Dakota	4, 320	5, 181	4, 795	5, 324	5, 722	8, 177	20, 820	20, 988	27, 889
South Dakota	6, 642	7, 906	8, 546	7, 638	10, 607	14, 859	30, 352	35, 104	53, 052
Nebraska	11, 615	13, 500	13, 318	15, 797	20, 310	25, 974	49, 133	54, 811	85, 555
Kansas	16, 919	21, 609	19, 128	22, 503	29, 091	33, 650	76, 137	93, 267	135, 542
South Atlantic	36, 408	41, 120	33, 422	65, 374	68, 752	70, 948	144, 862	153, 799	222, 457
Delaware	949	1, 365	1, 551	1, 205	1, 552	3, 414	3, 908	6, 381	11, 202
Maryland	3, 436	4, 198	3, 777	5, 258	6, 025	7, 422	15, 086	20, 069	27, 709
District of Columbia	10	16	12	14	10	21	43	69	102
Virginia	7, 860	9, 221	7, 643	14, 227	15, 892	16, 728	36, 551	39, 044	55, 349
West Virginia	4, 028	4, 349	3, 674	4, 873	5, 305	5, 504	21, 708	22, 125	27, 930
North Carolina	7, 393	8, 558	6, 386	14, 047	15, 057	14, 727	24, 841	25, 587	30, 301
South Carolina	3, 954	4, 238	3, 057	9, 016	7, 830	7, 447	12, 812	11, 109	15, 907
Georgia	7, 222	7, 043	5, 373	14, 588	12, 284	12, 264	23, 182	19, 838	30, 534
Florida	1, 555	2, 130	1, 950	2, 146	2, 786	3, 421	6, 531	9, 577	14, 424
East South Central	34, 092	34, 969	28, 617	51, 071	51, 103	54, 741	138, 152	113, 735	176, 231
Kentucky	10, 478	11, 036	8, 920	15, 507	16, 445	17, 356	42, 225	37, 045	53, 960
Tennessee	11, 354	11, 861	8, 888	15, 554	16, 148	15, 939	48, 707	41, 030	57, 320
Alabama	5, 918	6, 284	5, 428	10, 180	9, 527	10, 734	23, 437	10, 467	34, 565
Mississippi	6, 342	5, 788	5, 381	9, 830	8, 982	10, 712	23, 783	15, 185	30, 436
West South Central	39, 919	43, 835	42, 254	57, 329	60, 998	78, 048	157, 008	180, 425	296, 460
Arkansas	6, 955	7, 104	6, 124	9, 111	9, 870	11, 202	28, 168	23, 923	39, 129
Louisiana	3, 764	3, 907	4, 133	5, 571	5, 434	7, 279	13, 136	10, 472	22, 462
Oklahoma	11, 137	13, 023	11, 471	16, 817	19, 670	23, 292	45, 440	51, 477	80, 514
Texas	18, 063	19, 741	21, 526	25, 830	26, 025	36, 275	70, 264	74, 552	154, 355
Mountain	9, 524	12, 299	12, 373	13, 037	15, 537	21, 088	49, 993	66, 278	97, 429
Montana	2, 055	2, 545	2, 117	3, 227	3, 067	3, 664	11, 858	13, 403	15, 429
Idaho	1, 655	2, 029	1, 980	2, 250	2, 540	3, 371	8, 605	11, 708	16, 390
Wyoming	621	809	736	894	1, 121	1, 258	3, 166	4, 337	5, 777
Colorado	2, 875	3, 752	3, 653	3, 881	5, 000	6, 333	14, 172	18, 561	27, 343
New Mexico	714	937	962	921	1, 123	1, 486	3, 063	4, 075	6, 791
Arizona	495	636	576	569	756	907	2, 525	3, 741	5, 081
Utah	955	1, 367	2, 096	1, 107	1, 644	3, 540	5, 709	9, 017	18, 463
Nevada	155	225	244	188	280	439	895	1, 436	2, 146
Pacific	16, 474	21, 377	26, 888	20, 939	25, 507	42, 321	100, 106	180, 595	259, 193
Washington	3, 548	5, 363	6, 452	4, 860	7, 059	11, 063	21, 357	42, 030	71, 429
Oregon	2, 500	3, 229	2, 969	3, 150	4, 006	4, 613	14, 626	20, 658	28, 342
California	10, 427	12, 785	17, 467	12, 929	14, 383	26, 645	64, 124	97, 907	159, 422

[1] Chickens over 3 months old Apr. 1, 1930.
[2] Including estimates for incomplete reports.

Source: Bureau of the Census, Department of Commerce.

No. 599.—WOOL: Production, Imports, and Exports of the United States

Note.—All figures in thousands of pounds. Production, except Census data, is estimated and is for calendar years. Pulled wool is included beginning 1900 and was probably included for 1870 to 1899, though the exact basis of the estimates for these years is not known. Figures for 1839, 1849, and 1859 include only fleece. Exports and imports for 1839 are for the fiscal year ended Sept. 30; for 1849 and 1859, fiscal years ended June 30; subsequently, calendar years. Imports and foreign exports prior to 1914 and domestic exports include hair of the Angora goat, alpaca, and other like animals

Yearly average or year	Production	Imports	Exports	
			U. S. production	Foreign
1839	35,802	7,925	----	119
1849	52,517	17,869	160	47
1859	60,265	24,471	1,707	41
1870	162,000	54,459	46	1,966
1871–1880	186,275	67,789	158	4,099
1881–1890	280,700	95,747	325	4,196
1891–1895	309,409	156,736	1,596	3,726
1896–1900	271,835	172,448	2,712	5,965
1901–1905	298,713	181,649	237	3,250
1906–1910	311,564	203,995	140	4,929
1911–1915	298,937	240,993	[1] 2,857	3,522
1916–1920	292,205	399,980	3,568	4,276
1921–1925	282,606	334,158	699	12,779
1926–1930	363,855	248,762	300	6,664
1891	285,000	139,318	122	2,720
1892	294,000	167,784	230	3,315
1893	348,538	111,752	220	6,778
1894	325,211	115,837	1,694	2,801
1895	294,297	248,989	5,707	3,015
1896	272,475	159,776	8,483	6,512
1897	259,153	356,839	1,055	2,184
1898	266,721	99,850	91	4,592
1899	272,191	105,868	3,511	13,492
1900	288,637	139,908	422	3,046
1901	302,502	124,964	97	3,326
1902	316,341	176,293	446	3,212
1903	267,450	173,594	384	3,267
1904	291,783	186,573	184	2,165
1905	295,488	246,821	72	4,278

Year	Production	Imports	Exports	
			U. S. production	Foreign
1906	298,915	196,844	351	4,412
1907	298,295	188,306	86	3,109
1908	311,138	142,559	169	6,985
1909	328,111	312,131	46	1,084
1910	321,363	180,135	[2] 48	9,055
1911	318,548	155,923	([3])	3,511
1912	304,043	238,118	([3])	1,816
1913	296,175	151,814	[2] 77	3,860
1914	290,192	256,501	[2] 335	6,342
1915	285,726	402,611	[2] 8,158	2,081
1916	288,490	442,650	3,919	2,128
1917	281,892	416,137	1,827	1,272
1918	298,870	447,426	407	452
1919	298,258	438,782	2,840	5,134
1920	293,517	254,905	8,845	12,393
1921	289,965	316,605	1,927	1,552
1922	270,109	366,538	453	4,225
1923	272,395	388,345	535	23,557
1924	280,931	262,655	309	27,476
1925	299,632	336,646	273	7,087
1926	318,500	269,451	292	14,082
1927	340,009	264,507	323	10,710
1928	366,488	240,360	485	4,435
1929	382,066	277,214	239	2,380
1930	412,211	162,482	162	1,715
1931	438,328	157,800	274	1,089
1932	412,450	56,310	179	3,593
1933	428,921	[4] 150,985	19	478
1934	418,158	[4] 108,343	119	4,168

[1] Average for fiscal years 1913 to 1915.
[2] Exports for fiscal years ended June 30 of the year shown; calendar year data not available.
[3] Not reported separately in 1911; no exports in 1912.
[4] Imports for consumption.

Source: Production, 1839, 1849, 1859, Bureau of the Census; other years, reports of the Department of Agriculture; imports and exports, Bureau of Foreign and Domestic Commerce.

No. 600.—WOOL: Prices, Value of Imports, and Receipts at Boston

	1910–1913, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933	1934
Prices (cents per pound):								
Average United States farm price, unwashed	18	38	32	30	14	9	21	22
Ohio and Pennsylvania, fine clothing, unwashed, at Boston	23	46	44	35	21	15	28	27
Territory, fine staple scoured, at Boston	60	127	126	103	63	47	67	82
Value of United States imports (thous. of dollars):								
Clothing [1]	15,059	140,084	17,137	6,050	1,528	743	[2] 925	[2] 1,109
Combing [1]	3,994	5,901	53,317	36,231	6,140	1,577	[2] 4,854	[2] 4,273
Carpet	13,540	25,380	29,675	34,300	14,354	3,602	[2] 12,541	[2] 11,173
Receipts at Boston (thousands of pounds):								
Total	290,150	424,336	364,125	322,111	300,087	230,173	317,754	200,800
Domestic	206,047	184,380	162,099	210,240	263,796	212,617	267,929	183,581
Foreign	84,103	239,956	202,026	111,871	46,291	17,556	49,825	17,219

[1] Owing to changes in tariff laws in 1922 much wool which was formerly brought in as "clothing" now comes in under "combing" classification.
[2] Imports for consumption.

Sources: Prices and receipts, Bureau of Agricultural Economics, Department of Agriculture; imports, Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 601.—WOOL: Estimated Production and Weight Per Fleece

Note.—Only States with a production in 1933 or 1934 of over 2,500,000 pounds are shown separately

State	Production in thousands of pounds								Average weight per fleece [1] (pounds) 1934
	1927	1928	1929	1930	1931	1932	1933	1934	
United States	289,909	314,588	327,666	350,311	372,228	345,350	364,721	357,658	7.9
New York	3,212	3,096	3,096	3,110	3,008	2,736	2,701	2,775	7.4
Pennsylvania	2,730	2,808	2,982	3,108	3,248	3,270	3,411	3,589	7.4
Ohio	15,662	14,776	14,661	15,066	15,453	15,455	15,810	16,506	8.4
Indiana	3,922	4,402	4,500	4,752	4,980	4,782	4,599	4,800	7.5
Illinois	4,186	4,166	4,514	4,815	4,843	4,559	5,749	4,408	7.6
Michigan	8,446	8,774	8,480	8,400	8,526	8,282	7,840	7,856	8.2
Wisconsin	2,774	2,888	2,888	3,225	3,205	3,145	2,774	2,664	7.3
Minnesota	4,211	4,700	5,372	6,115	6,591	6,638	6,814	7,137	7.8
Iowa	5,880	6,320	6,800	7,640	7,920	7,901	7,410	7,898	8.1
Missouri	5,505	5,086	6,090	6,865	7,304	7,048	7,351	7,384	6.8
North Dakota	3,654	4,250	5,287	6,264	7,012	7,636	7,056	6,972	8.3
South Dakota	5,418	6,149	7,003	7,794	8,820	8,768	9,200	9,900	8.0
Kansas	2,393	2,710	3,172	3,365	3,243	3,168	3,461	3,328	7.5
Nebraska	2,400	2,544	2,985	3,000	2,786	1,885	2,731	2,311	7.1
West Virginia	2,263	2,646	2,798	2,844	3,021	2,994	3,021	2,870	5.2
Kentucky	3,658	3,807	3,901	4,175	4,233	4,250	4,170	4,238	4.9
Texas	34,725	40,120	46,779	48,262	53,360	57,105	74,800	60,485	8.0
Montana	24,693	26,970	31,122	34,034	38,313	32,300	33,276	35,966	9.7
Idaho	15,555	17,425	18,156	18,156	19,419	16,500	17,372	18,445	8.5
Wyoming	26,460	27,900	26,502	29,702	36,000	31,513	29,808	33,212	9.5
Colorado	8,877	11,300	12,269	13,446	13,541	12,320	12,774	13,122	7.9
New Mexico	14,023	14,824	15,230	16,870	16,632	16,884	17,430	17,136	6.8
Arizona	6,200	5,978	5,820	5,640	5,520	5,220	4,988	4,980	6.0
Utah	20,915	23,064	20,055	24,440	23,940	18,160	17,630	17,512	8.8
Nevada	8,015	8,923	7,777	7,944	8,880	7,125	6,708	6,358	7.2
Washington	5,233	5,635	5,485	6,175	6,192	5,506	5,640	6,208	9.7
Oregon	18,128	20,332	19,531	21,375	22,000	17,982	18,105	19,775	8.7
California	23,096	25,084	25,730	25,779	26,095	24,219	24,032	21,876	6.8
Other States	6,775	7,221	7,672	7,950	8,143	7,999	8,060	7,827	4.9
Pulled wool [2]	50,100	51,900	54,500	61,900	66,100	67,100	64,200	60,500	----

[1] In States where sheep are shorn twice a year figures cover wool per head of sheep shorn.
[2] Estimated from returns of plants pulling from 80 to 90 percent of all wool.

No. 602.—WOOL CONSUMED IN MANUFACTURES: 1918 to 1934

Note.—All figures in millions and tenths of millions of pounds. Figures for apparel-class wool are revised data. Statistics are complete or approximately complete for all years

Year	Apparel-class wool [1]		Carpet wool as reported [4]	Year	Apparel-class wool [1]		Carpet wool as reported [4]
	Scoured basis [2]	Greasy shorn basis [3]			Scoured basis [2]	Greasy shorn basis [3]	
1918	371.2	676.0	37.5	1927	258.7	551.1	128.9
1919	283.1	563.7	61.7	1928	232.4	511.9	135.8
1920	264.3	510.9	66.6	1929	253.2	554.7	156.1
1921	290.7	597.4	58.9	1930	200.7	447.9	84.9
1922	312.8	640.4	122.8	1931	237.7	545.2	100.6
1923	311.3	603.1	149.7	1932	188.5	439.8	58.0
1924	249.7	518.0	123.5	1933	245.5	572.2	99.7
1925	251.7	525.2	131.8	1934	167.6	381.4	86.8
1926	254.7	524.1	119.0				

[1] Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."
[2] Shorn and pulled wool reported "scoured" plus shorn and pulled wool reported "greasy" reduced to scoured basis, assuming average yields varying with origin and grade.
[3] Shorn wool reported "greasy" plus pulled wool reported "greasy" raised to a greasy shorn basis, and shorn and pulled wool reported "scoured" raised to a greasy shorn basis, conversion factors varying with origin and grade.
[4] In the condition reported.

Sources: Tablo 601, Bureau of Agricultural Economics, Department of Agriculture; table 602, Bureau of the Census, Department of Commerce.

No. 603.—*ANIMAL FOOD MANUFACTURING INDUSTRIES*: CENSUS STATISTICS OF MATERIALS AND PRODUCTS

Product	Quantity (thousands of unit specified)				Value (thousands of dollars)		
	Unit	1929	1931	1933	1929	1931	1933
BUTTER, CHEESE, AND CONDENSED MILK							
Butter, cheese, condensed milk, etc., all industries [1]					1,039,550	659,812	553,357
Butter	Pound	1,617,344	1,655,905	1,743,909	706,449	440,954	358,199
Cheese other than cottage, pot, and bakers'	do	487,200	451,215	471,270	103,291	62,948	53,577
Cheese, cottage, pot, and bakers'	do	100,826	100,485	90,663	9,432	7,267	5,370
Condensed milk, sweetened	do	532,727	398,560	274,676	42,917	23,913	14,616
Evaporated milk, unsweetened	do	1,642,214	1,551,353	1,922,701	126,202	90,063	91,635
Condensed and evaporated buttermilk	do	135,787	100,375	61,554	4,197	1,896	918
Concentrated skim milk for stock feed	do			22,021			406
Powdered milk, cream, etc	do	288,592	371,414	342,829	24,480	16,306	16,702
Sugar of milk	do	7,102	7,510	4,636	686	706	436
Ice-cream mix	do	137,203	161,629	108,138	15,278	13,493	8,848
Dried and wet casein	do	57,826	41,376	31,524	5,726	2,266	2,560
Other products	do	7,459			892		

Product	Quantity (thousands of unit specified)					Value (thousands of dollars)	
	Unit	1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [2]	1933 Reported on standard schedule [2]	1931 Comparable with 1933 [2]	1933 Reported on standard schedule [2]
MEAT PACKING, WHOLESALE [3]							
Animals slaughtered:							
Cattle	Number	9,548	9,308	8,767	8,095		
Calves	do	5,209	5,504	5,047	5,098		
Sheep and lambs	do	15,689	20,445	19,704	18,977		
Hogs	do	53,702	49,425	47,750	50,244		
Other animals	do	102	35	34	16		
All products, total value						2,085,005	1,424,088
Fresh meat	Pound	9,844,660	9,888,653	9,426,518	9,326,965	1,122,346	721,737
Beef	do	4,575,492	4,552,908	4,321,933	4,381,808	516,927	344,477
Veal	do	511,103	530,366	487,418	495,543	61,881	40,796
Mutton and lamb	do	601,719	771,578	743,731	716,026	112,726	81,326
Pork	do	3,571,277	3,467,078	3,319,710	3,227,088	380,788	225,365
Other, including edible organs, etc	do	585,069	566,723	553,727	505,899	44,024	29,274
Cured meat	do	3,751,963	3,234,910	3,154,433	3,079,997	447,300	294,751
Beef	do	71,593	71,346	62,572	53,558	11,167	7,316
Pork	do	3,528,181	3,026,928	2,960,003	2,884,652	400,043	260,850
Cooked hams [3 4]	do	152,189	136,636	131,798	141,786	36,089	26,584
Canned meat, except sausage	do	149,532	91,408	91,408	137,290	21,180	18,990
Canned sausage	do	19,552	13,455	13,336	12,336	2,438	1,709
Sausage (not canned), meat puddings, head cheese, etc. [3 5]	do	928,573	795,204	738,424	701,530	117,559	81,897
Sausage casings [3 5]	do	116,362	70,947	70,077	90,860	8,829	12,253
Lard	do	2,041,211	1,749,798	1,708,139	1,872,193	146,218	102,432
Oleo oil and stock	do	113,231	99,192	99,192	77,536	5,690	3,670
Fertilizer materials	Ton	135	115	107	89	2,771	1,934
Cattle hides	Pound	533,201	512,600	482,140	482,053	36,931	36,002
Calf skins	do	50,574	67,306	62,262	52,944	7,257	6,483
Sheep and lamb pelts	Number	10,458	14,889	14,316	14,401	8,104	11,809
Other hides and skins	do	346	181	173	83	164	47
Pickled sheep and lamb skins	Pound	13,157	23,371	23,275	27,918	1,900	2,652
Wool [6]	do	35,907	43,930	43,771	49,425	12,515	15,053
All other products						144,804	112,670

[1] *Includes, besides production in the butter, cheese, and condensed-milk industries, data for similar products produced in establishments classified in other industries.*

[2] See last paragraph of "General note", p. 715. [3] Production in the "Meat-packing industry" only.

[4] In 1929, 13,124,000 pounds of cooked hams valued at $4,769,000, and in 1931, 26,206,000 pounds valued at $7,356,000 were produced in other industries. No corresponding data were collected for 1933.

[5] Production in the "Sausage, meat pudding, head cheese, etc., and *sausage-casings industry*" and other industries was as follows—sausage, meat puddings, etc.; 1929, 384,466,000 pounds valued at $88,356,000; 1931, 422,296,000 pounds valued at $69,905,000: sausage casings; 1929, 59,836,000 pounds valued at $10,769,000; 1931, 29,471,000 pounds valued at $4,538,000. No corresponding data for 1933; for value of total products of the "Sausage, meat pudding, head cheese, etc., and sausage-casings industry" see p. 720.

[6] Wool detached from sheep pelts in meat-packing establishment.

Source: Bureau of the Census, Department of Commerce.

28.—FARM CROPS AND FOODSTUFFS

[In general, data in this section other than on foreign trade relate to continental United States, while foreign trade statistics represent the trade of the customs area (see note, Table 482). Any exceptions are noted. For weights of the units of measurement for the principal products see Appendix, p. 798]

No. 604.—INDEX OF CROP PRODUCTION: 12 IMPORTANT CROPS, 1866 TO 1934

NOTE.—Average production of 1910–14 equals 100. Index is based on production of wheat, corn, oats, barley, rye, buckwheat, flaxseed, potatoes, sweetpotatoes, cotton, tame hay, and tobacco. Production of the different crops for each year is multiplied by a constant price, and the aggregate is divided by the average aggregate of base years

Period or year	Index	Period or year	Index	Year	Index	Year	Index
1866–1870	30	1926–1930	108	1911	93	1923	106
1871–1875	39	1900	87	1912	110	1924	106
1876–1880	51	1901	76	1913	95	1925	109
1881–1885	59	1902	96	1914	105	1926	108
1886–1890	67	1903	90	1915	111	1927	110
1891–1895	73	1904	97	1916	97	1928	114
1896–1900	85	1905	101	1917	106	1929	107
1901–1905	92	1906	104	1918	105	1930	100
1906–1910	97	1907	93	1919	106	1931	110
1911–1915	103	1908	96	1920	116	1932	108
1916–1920	106	1909	96	1921	101	1933	89
1921–1925	105	1910	99	1922	106	1934	67

No. 605.—INDEX NUMBERS OF CROP YIELDS

NOTE.—Index numbers each year prior to 1929 are relative to the average yield for the 10 preceding years; for 1929 to 1932, relative to the average of the years 1919–28; for 1933 and 1934, relative to the average of the years 1921–30; data for the several States are weighted according to average crop values

Year	United States	North Atlantic	North Central	South Atlantic	South Central	Western
1916	95.1	108.9	92.6	102.9	88.0	97.7
1917	102.0	104.6	107.3	100.7	93.0	91.2
1918	97.6	101.2	103.6	100.3	83.6	85.3
1919	99.8	104.8	100.4	93.1	105.5	88.5
1920	106.9	107.9	109.8	100.4	107.4	96.9
1921	91.7	90.3	92.9	80.8	92.9	98.3
1922	96.7	104.1	103.0	84.4	89.9	95.5
1923	96.1	100.3	101.0	90.6	82.8	106.8
1924	98.1	107.3	102.7	88.4	97.6	86.2
1925	99.6	104.3	97.8	91.9	92.4	103.9
1926	104.6	105.1	91.9	108.4	121.5	103.2
1927	102.5	102.3	101.7	98.3	99.3	111.6
1928	103.5	102.1	106.1	97.2	99.1	109.7
1929	96.6	96.5	96.2	101.1	98.1	92.8
1930	91.7	100.0	88.9	101.2	82.5	103.4
1931	102.0	112.1	93.4	116.5	120.4	87.3
1932	98.6	100.0	101.2	88.0	99.7	97.9
1933	95.0	98.5	79.5	112.1	113.9	92.1
1934	81.2	99.1	59.0	113.0	92.4	87.7

No. 606.—AVERAGE VALUE PER ACRE OF 10 LEADING CROPS COMBINED

NOTE.—Corn, wheat, oats, barley, rye, buckwheat, potatoes, hay, tobacco, and cotton. These comprise nearly 90 per cent of the area in all field crops, and their average value closely approximates the value per acre of the aggregate of all crops. The value is based on average farm price of Dec. 1

Period	Average crop value per acre	Year	Average crop value per acre	Year	Average crop value per acre	Year	Average crop value per acre
1871–1875	$14.05	1899	$9.13	1911	$15.36	1923	$20.42
1876–1880	11.89	1900	10.31	1912	16.09	1924	22.81
1881–1885	11.33	1901	11.43	1913	16.49	1925	20.62
1886–1890	9.97	1902	12.07	1914	16.44	1926	17.94
1891–1895	9.71	1903	12.62	1915	17.18	1927	19.85
1896–1900	9.09	1904	13.26	1916	22.58	1928	19.36
1901–1905	12.53	1905	13.28	1917	33.27	1929	19.14
1906–1910	15.01	1906	13.46	1918	33.73	1930	13.29
1911–1915	16.31	1907	14.74	1919	33.77	1931	9.50
1916–1920	29.00	1908	15.32	1920	21.63	1932	6.49
1921–1925	19.09	1909	16.00	1921	13.43	1933	10.54
1926–1930	17.92	1910	15.53	1922	18.15	1934	14.04

Source of tables 604, 605, and 606: Bureau of Agricultural Economics, Department of Agriculture.

No. 607.—ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS IN THE UNITED STATES: CENSUS STATISTICS, 1899 TO 1929

Crop	Acreage (thousands)				Production in thousands of units indicated					Value in thousands of dollars		
	1899	1909	1919	1929	Unit	1899	1909	1919	1929	1909	1919	1929
All Crops	283,149	311,195	[1] 348,549	[2] 361,945						5,231,851	14,754,978	8,077,812
Cereals	184,982	191,470	219,138	202,218	Bushel	4,438,857	4,513,398	4,682,764	4,390,013	2,866,084	6,943,836	3,170,692
Corn harvested for grain	94,914	98,383	87,772	83,161	do	2,666,324	2,552,190	2,345,833	2,130,752	1,438,554	3,507,797	1,635,910
Wheat	52,589	44,263	73,099	62,000	do	658,534	683,379	945,403	800,649	657,657	2,074,079	838,506
Oats threshed for grain	29,540	35,159	37,991	33,466	do	943,389	1,007,143	1,055,153	992,747	414,697	855,256	410,167
Barley	4,470	7,699	6,473	12,891	do	119,635	173,344	122,025	263,590	92,459	160,427	140,982
Rye	2,054	2,196	7,679	3,033	do	25,569	29,520	75,992	34,303	20,422	116,538	29,343
Buckwheat	807	878	743	622	do	11,234	14,849	12,690	8,359	9,331	19,715	8,023
Emmer and spelt		574	167	344	do		12,703	2,608	6,233	5,584	3,700	2,726
Sorghums harvested for grain [3]	267	1,708	3,726	3,522	do	5,169	18,431	73,654	49,080	11,361	92,524	32,640
Rice (rough)	342	610	911	741	do	9,003	21,839	35,331	33,469	16,020	97,195	32,933
Mixed grains			577	2,438	do			14,065	70,831		16,605	39,462
Other grains and seeds	4,075	5,084	4,596	13,318						96,964	273,765	234,194
Dry edible beans	454	803	1,162	1,746	Bushel	5,064	11,251	14,079	20,354	21,771	61,795	77,098
Soybeans		2	113	1,962	do		17	1,085	8,661	21	4,450	14,446
Other beans	26	13	[4] 2	[5] 89	do	143	163	50	2,115	220	126	3,663
Dry peas	968	1,305	866	1,031	do	9,440	7,129	5,743	6,555	10,964	20,791	14,810
Peanuts	517	870	1,125	1,559	do	11,964	19,416	27,450	36,588	18,272	62,752	28,433
Flaxseed	2,111	2,083	1,261	2,966	do	19,979	19,513	6,653	15,046	28,971	29,361	43,105
All clover seed				2,518	do	1,349	1,026	2,044	4,042	6,925	55,417	31,137
Alfalfa seed				525	do		263		989	2,052		11,314
Timothy seed				454	do		2,879	2,587	1,396	4,019	13,674	2,788
Millet seed				34	do	3,516	588	1,311	449	492	3,683	424
Other grass seed				346	do		1,915	1,909	1,831	1,650	8,070	2,881
Miscellaneous grains and seeds		8	68	88	do					1,607	13,646	4,095
Hay and forage, excluding corn cut for fodder	61,691	72,402	81,618	76,204	Ton [6]	79,252	97,755	128,549	121,025	826,401	2,316,116	1,186,206
Hay alone	58,584	68,227	72,780	67,828	do	71,113	87,216	90,356	85,281	776,068	1,953,149	988,437
Corn cut for fodder			14,503	6,264	do			17,794			206,935	
Vegetables	5,638	7,073	5,479	6,406						418,110	1,298,721	1,004,568
Potatoes (Irish or white)	2,939	3,669	3,252	2,944	Bushel	273,318	389,195	290,428	322,416	166,424	639,441	414,833
Sweet potatoes and yams	537	641	803	650	do	42,517	59,232	78,092	65,193	35,429	124,844	67,725
Other vegetables [7]	2,162	2,763	1,424	2,812						216,257	534,436	522,010
Sugar crops										59,253	162,439	86,903
Sugar cane, total [8]	387	477	373	291	Ton [6]	4,202	6,240	3,545		26,416	59,500	23,332
For sirup				96	Gal	12,293	21,634	21,241	15,169			12,071
For sugar				195	Ton [6]				2,992			11,261
Sorghums grown for sirup	293	326	482	136	Gal	16,973	16,532	21,523	8,294	7,963	24,506	7,341
Sugar beets for sugar	110	360	636	644	Ton [6]	793	3,902	5,993	7,135	19,695	66,052	51,037
Maple sirup and sugar										5,178	12,381	5,192

Other crops	25,663	33,730	35,977	53,058						943,015	2,820,168	1,739,543
Tobacco	1,101	1,295	1,861	1,888	Pound	868,113	1,055,765	1,371,504	1,456,510	104,303	443,705	265,387
Cotton including cottonseed	24,275	32,044	33,740	43,228						324,696	2,355,169	1,458,435
Lint cotton					Bale [9]	9,535	10,649	11,376	14,574	703,619	2,007,430	1,248,663
Cottonseed (estimated)					Ton [6]	4,767	5,325	5,328	6,915	121,077	347,739	209,772
Broom corn	179	326	338	312	Pound	90,947	78,960	113,031	95,196	5,134	7,945	5,676
Hops	56	45	16	23	do	49,210	40,719	19,761	31,237	7,845	10,365	3,749
Miscellaneous crops	52	20	22	7,607						1,037	2,984	5,796
Small fruits	310	272	249	387	Quart	493,219	426,566	324,989	475,071	29,974	61,732	63,811
Strawberries	151	143	120	243	do	257,427	255,702	176,932	330,872	17,914	36,004	43,167
Raspberries	61	49	50	57	do	76,628	60,918	49,210	53,730	5,132	11,596	9,897
Loganberries			4	4	do			12,123	8,292		1,790	681
Blackberries and dewberries	50	49	46	44	do	62,190	55,344	39,945	38,583	3,910	7,118	4,361
Cranberries	20	18	17	12	do	31,601	38,243	35,260	30,393	1,756	3,198	3,783
Currants	13	8	7	3	do	18,593	10,449	7,615	4,689	790	1,422	644
Other berries	14	5	5	24	do	16,780	5,910	3,904	8,512	472	604	1,278
Orchard fruits										141,670	433,910	299,050
Apples					Bushel	175,398	145,412	136,561	126,433	83,231	241,574	158,947
Peaches					do	15,433	35,470	50,686	42,827	28,781	95,570	54,890
Pears					do	6,625	8,841	14,204	18,500	7,911	26,440	30,196
Plums and prunes					do	8,764	15,480	19,084	20,038	10,299	40,984	18,646
Cherries					do	2,873	4,126	3,946	4,067	7,231	14,166	17,004
Figs					Pound	12,995	35,060	26,877	133,645	804	2,812	6,628
Apricots					Bushel	2,642	4,150	6,130	7,100	2,884	12,223	12,524
All other					do	630	494	71	145	529	141	215
Grapes					Pound	1,300,984	2,265,065	2,516,840	3,883,397	22,028	95,586	56,169
Subtropical fruits										23,903	112,057	217,447
Oranges [10]					Box	6,168	19,487	27,833	53,731	17,566	83,663	148,473
Lemons					do	877	2,770	6,585	9,338	2,994	19,102	43,219
Grapefruit (pomeloes)					do	31	1,189	3,656	8,722	2,061	7,177	22,732
All other										1,282	2,115	3,023
Nuts										4,448	28,714	19,230
Pecans					Pound	3,207	9,891	31,809	20,151	972	7,792	4,404
Walnuts (Persian or English)					do	10,668	22,027	59,840	78,160	2,297	17,916	12,489
Almonds					do	7,143	6,794	15,853	9,403	712	3,963	2,257
Coconuts					Number		17	613	1	1	43	(11)
All other					Pound	19,011	23,617		699	466		80

[1] Excluding 14,502,932 acres reported for corn cut for fodder, a large part of which is duplicated in the acreage shown for corn harvested as grain.
[2] Including land in fruit orchards, vineyards, and planted nut trees (6,086,170 acres) which was not reported in 1919; excluding acreage of annual legumes saved for hay (3,067,710 acres) which is practically all duplicated in the acreage shown for the various individual annual legumes grown alone.
[3] Published as "Kafir and milo" prior to 1929; figures include sorghum seed.
[4] Excluding velvet beans, the acreage of which was largely duplicated in the acreage shown for hay and forage.
[5] Including velvet beans only. [6] Tons of 2,000 pounds. [7] Including farm gardens, except acreage in 1919 and 1929 which is acreage of vegetables harvested for sale.
[8] Including the acreage and value of sugarcane for sugar or for sale to mills; does not include the acreage of sugarcane for seed and other purposes not specified.
[9] Running bales. [10] Including tangerines in 1919 and tangerines, mandarins, etc. in 1929. [11] Less than $500.

Source: Bureau of the Census, Department of Commerce.

No. 608.—ACREAGE OF 44 CROPS AND VALUE OF 64 CROPS: BY STATES

NOTE.—Includes corn (all), oats, barley, grain sorghums (all), wheat (all), rye, buckwheat, flaxseed, rice, beans (dry edible), soybeans alone, cowpeas alone, peanuts alone, velvet beans alone, tame hay (all), wild hay, sweet sorghums for forage and hay, timothy seed, red and alsike clover seed, sweet clover seed, lespedeza seed, alfalfa seed, cotton, tobacco, sorgo sirup, sugarcane, sugar beets, broomcorn, potatoes, sweetpotatoes, asparagus, snap beans, cabbage, cantaloupes, cauliflower, celery, sweet corn, cucumbers, lettuce, onions, green peas, spinach, tomatoes, and watermelons; farm value also includes apples (all), peaches, pears, grapes, cranberries, oranges, hops, cherries, pecans, grapefruit, lemons, limes, apricots, plums, prunes (all), figs, olives, almonds, walnuts, maple products. Duplications are excluded.

Division and State	Acreage of 44 crops (thousands)				Farm value of 64 crops (thousands of dollars)[1]			
	1931	1932	1933	1934	1931	1932	1933	1934
United States	350,747	354,671	324,070	283,584	4,070,700	2,860,645	4,100,712	4,764,507
New England	3,569	3,573	3,556	3,555	84,876	75,405	99,969	95,932
Maine	1,322	1,325	1,314	1,309	23,357	22,235	38,932	27,925
New Hampshire	377	371	370	371	6,612	5,743	7,442	7,962
Vermont	1,068	1,077	1,072	1,074	17,735	16,611	19,018	24,442
Massachusetts	407	406	405	409	19,106	15,993	18,261	18,565
Rhode Island	47	48	50	51	1,630	1,460	1,793	1,787
Connecticut	348	346	345	341	16,436	13,373	14,493	15,251
Middle Atlantic	13,370	13,225	13,208	13,203	276,169	198,894	267,158	310,869
New York	6,487	6,450	6,460	6,546	123,601	91,330	119,267	138,932
New Jersey	667	647	653	668	31,237	25,883	32,828	33,034
Pennsylvania	6,216	6,128	6,095	5,989	121,331	81,681	115,063	138,903
East North Central	57,068	55,403	53,308	50,234	677,302	426,532	588,817	837,246
Ohio	9,972	9,428	9,338	8,887	143,345	73,269	112,366	164,605
Indiana	10,782	10,340	9,770	9,404	113,807	64,705	93,066	150,231
Illinois	19,316	18,801	17,429	15,688	202,562	117,241	158,858	217,624
Michigan	7,456	7,299	7,223	7,165	96,887	75,130	102,523	127,873
Wisconsin	9,540	9,538	9,548	9,090	120,701	96,187	122,014	176,913
West North Central	134,401	140,737	124,128	92,974	911,327	597,555	842,375	828,093
Minnesota	18,702	18,973	18,807	16,438	146,305	109,319	145,515	186,593
Iowa	22,297	22,397	22,315	18,021	222,071	123,200	223,273	255,824
Missouri	14,143	13,839	12,946	11,003	131,128	82,965	122,141	104,573
North Dakota	16,269	21,802	19,108	9,287	59,071	61,602	81,560	49,498
South Dakota	15,110	17,709	9,189	5,473	44,136	50,500	30,575	28,233
Nebraska	21,703	21,794	21,469	15,254	140,282	87,501	133,063	85,233
Kansas	26,177	24,223	20,294	17,498	168,264	82,468	106,248	118,139
South Atlantic	27,375	26,892	25,787	25,860	528,046	375,636	625,451	807,597
Delaware	381	378	381	379	7,818	5,473	7,502	11,019
Maryland	1,661	1,616	1,646	1,610	34,761	25,005	33,901	43,676
Virginia	3,838	3,592	3,740	3,648	76,567	46,553	82,501	103,521
West Virginia	1,450	1,412	1,432	1,418	27,016	17,892	25,601	28,766
North Carolina	6,033	5,915	5,923	5,857	132,090	104,362	194,390	266,449
South Carolina	4,348	4,351	3,958	4,011	70,857	51,303	86,309	109,780
Georgia	8,447	8,426	7,530	7,789	101,528	67,039	128,588	161,445
Florida	1,217	1,203	1,162	1,148	77,409	57,914	66,659	82,941
East South Central	25,780	25,390	23,002	22,944	387,198	259,875	390,861	528,253
Kentucky	5,399	5,062	5,066	4,783	92,717	67,485	90,959	120,366
Tennessee	6,100	6,117	5,808	5,476	88,805	63,709	100,132	123,527
Alabama	7,394	7,367	6,324	6,685	85,481	62,051	99,454	142,975
Mississippi	6,887	6,844	5,804	5,999	99,195	66,630	100,325	141,395
West South Central	58,841	56,263	49,133	48,559	598,778	432,158	638,337	632,209
Arkansas	6,607	6,601	5,857	5,580	107,199	68,328	95,851	106,228
Louisiana	4,142	3,974	3,487	3,594	72,929	54,711	68,821	88,294
Oklahoma	15,673	15,025	12,961	12,466	109,740	75,993	121,326	103,228
Texas	32,419	30,663	26,828	26,919	308,910	233,126	352,339	334,459
Mountain	19,836	21,868	21,047	15,560	217,858	169,665	223,604	238,778
Montana	4,978	7,575	6,716	5,185	34,654	41,033	42,762	55,883
Idaho	2,714	2,924	2,776	2,584	47,102	33,884	49,561	55,980
Wyoming	1,793	2,036	2,030	1,355	17,050	13,754	18,012	16,854
Colorado	5,592	5,750	6,042	3,818	60,124	38,252	56,567	48,927
New Mexico	1,723	1,573	1,455	921	19,716	9,874	17,239	17,971
Arizona	488	456	501	490	16,413	12,608	17,471	23,978
Utah	1,113	1,186	1,175	934	19,620	17,018	19,006	16,369
Nevada	240	368	352	273	3,173	3,242	2,986	2,816
Pacific	10,708	11,315	10,900	10,693	409,146	324,925	424,140	485,530
Washington	3,555	3,428	3,361	3,170	75,300	50,653	75,592	84,890
Oregon	2,528	2,731	2,684	2,609	43,041	34,602	51,699	49,510
California	4,625	5,156	4,855	4,914	290,715	239,670	296,849	351,130

[1] Based on Dec. 1 prices received by producers except for some early marketed crops for which prices for the marketing season are used.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 609.—PRODUCTION OF SELECTED AGRICULTURAL COMMODITIES

NOTE.—Data are for the crop or growth year. Blank lines indicate that data are not available. The weight of a bushel of wheat is 60 pounds, a bushel of corn, 56 pounds

Year	Corn	Wheat	Rice [1]	Sugar		Cotton [2]		Wool
				Beet (chiefly refined)	Cane (chiefly raw)	Running bales [3]	500-pound bales [4]	
	1,000 bushels	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Thousands*	*Thousands*	*1,000 pounds*
1800			[5] 67,234			154	73	
1810			[5] 78,805			286	178	
1820			53,292			576	335	
1830			81,352			1,026	732	
1840	[6] 377,532	[5] 84,823	84,253		[6] 120,851	1,635	1,348	[6] 35,802
1850	[6] 592,071	[6] 100,486	102,770		[6] 247,577	2,454	2,136	[6] 52,517
1860	[6] 838,793	[6] 173,105	106,279		274,725	3,849	3,841	[6] 60,265
1865			10,246	[7] 896	20,680	2,269	2,094	142,000
1870	1,124,775	254,429	54,889		178,304	4,352	4,025	162,000
1875	1,450,276	313,728	83,861	[5] 224	172,480	4,631	4,302	181,000
1880	1,706,673	502,257	111,869	[6] 1,120	285,302	6,606	6,357	232,500
1885	2,057,807	399,931	150,195	1,344	302,764	6,576	6,369	308,000
1888	2,250,632	423,867	124,733	4,168	344,756	6,938	6,924	269,000
1889	2,294,289	504,370	131,722	4,934	301,284	7,473	7,473	265,000
1890	1,650,446	449,042	136,800	7,748	497,170	8,653	8,562	276,000
1891	2,335,804	677,543	155,666	12,004	370,580	9,035	8,941	285,000
1892	1,897,412	611,854	237,547	27,084	498,456	6,700	6,668	294,000
1893	1,900,401	505,795	122,865	45,192	610,826	7,493	7,430	343,538
1894	1,615,016	541,873	109,821	45,000	729,394	9,901	10,026	325,211
1895	2,534,762	542,119	168,665	65,452	543,636	7,162	7,147	294,297
1896	2,671,048	522,963	96,886	84,080	644,176	8,533	8,515	272,475
1897	2,287,628	606,202	116,302	90,492	708,252	10,899	10,990	259,153
1898	2,351,323	768,148	136,991	72,736	568,788	11,278	11,538	266,721
1899	2,645,796	655,143	219,278	163,458	322,548	9,394	9,346	272,191
1900	2,661,978	599,315	253,139	172,164	623,772	10,103	10,124	283,637
1901	1,715,752	762,546	388,035	369,212	728,650	9,581	9,508	302,502
1902	2,773,954	686,950	319,293	436,812	745,806	10,587	10,630	316,341
1903	2,515,093	663,115	560,750	481,208	555,140	9,820	9,851	287,450
1904	2,686,624	555,571	586,005	484,226	829,990	13,452	13,438	291,783
1905	2,954,148	706,026	377,975	625,842	781,204	10,496	10,576	295,488
1906	3,032,910	740,509	495,976	967,224	544,320	12,983	13,274	298,915
1907	2,613,797	628,764	520,504	927,256	788,480	11,057	11,106	298,295
1908	2,566,742	642,818	608,060	851,768	828,800	13,085	13,241	311,138
1909	2,611,157	683,027	572,421	1,024,938	663,452	10,073	10,005	323,111
1910	2,852,794	625,476	680,839	1,020,344	710,080	11,568	11,609	321,363
1911	2,474,635	618,166	637,061	1,199,000	721,748	15,554	15,694	318,548
1912	2,947,842	730,011	695,950	1,385,112	325,147	13,489	13,703	304,043
1913	2,272,540	751,101	715,117	1,466,802	601,075	13,980	14,153	296,175
1914	2,523,750	897,487	656,922	1,444,108	493,240	15,883	16,112	290,192
1915	2,829,044	1,008,637	804,090	1,748,440	277,240	11,048	11,172	285,726
1916	2,425,206	634,572	1,135,037	1,641,314	621,799	11,362	11,448	288,490
1917	2,908,242	619,790	964,980	1,530,414	491,680	11,230	11,284	281,892
1918	2,441,249	904,130	1,072,397	1,521,900	568,800	11,883	12,018	298,370
1919	2,678,541	952,097	1,185,815	1,452,902	244,250	11,316	11,411	298,258
1920	3,070,604	843,277	1,434,678	2,178,000	352,228	13,260	13,429	293,517
1921	2,928,442	818,964	1,090,953	2,041,000	655,399	7,969	7,945	289,965
1922	2,707,300	846,649	1,157,315	1,350,000	591,470	9,729	9,755	270,100
1923	2,875,292	759,482	923,285	1,762,000	329,646	10,171	10,140	272,305
1924	2,298,071	840,091	905,368	2,180,000	[9] 176,965	13,641	13,630	280,931
1925	2,853,083	669,142	909,341	1,826,000	[9] 278,763	16,124	16,105	299,632
1926	2,574,511	833,544	1,150,426	1,794,000	[9] 94,332	17,756	17,978	318,500
1927	2,677,671	874,733	1,233,954	2,180,000	[9] 141,587	12,784	12,956	340,009
1928	2,714,535	912,961	1,206,510	2,122,000	[9] 264,107	14,296	14,477	366,488
1929	2,535,540	822,180	1,127,893	2,036,000	[9] 399,217	14,545	14,825	382,066
1930	2,065,273	889,702	1,230,528	2,416,000	[9] 367,387	13,756	13,032	412,211
1931	2,588,509	932,221	1,278,111	2,312,000	[9] 313,234	16,628	17,096	438,328
1932	2,906,873	745,788	1,145,833	2,714,000	[9] 445,520	12,710	13,002	412,450
1933	2,351,658	528,975	1,029,389	3,284,000	[9] 410,000	12,664	13,047	428,921
1934 [10]	1,380,718	406,469	1,063,778	2,308,000	[9] 468,000	9,469	9,636	418,158

[1] In terms of cleaned. Figures for 1800 to 1903 represent commercial movement, as given by Dan Talmage's Sons Co.
[2] Figures for the years 1810 to 1865 include linters; excluded in subsequent years.
[3] Counting round as half bales.
[4] Equivalent 500-pound bales, gross weight.
[5] Exports.
[6] Census figures for the previous year.
[7] Mean annual production not exceeding quantity stated.
[8] Production uncertain; not exceeding quantity stated.
[9] Louisiana only.
[10] All figures except cotton, wool, and sugar production are preliminary.

Sources: Bureau of Agricultural Economics, Department of Agriculture, except as noted.

No. 610.—SUMMARY FOR PRINCIPAL CROPS: ESTIMATED ACREAGE, YIELD, PRODUCTION, VALUE, AND AVERAGE PRICE RECEIVED BY PRODUCERS

NOTE.—Tons are of 2,000 pounds. For weights of the units of measurement for principal products, see Appendix, p. 798. The approximate weights of units of measurements for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 54; grain sorghums, 56; clover seed, 60. Number of pounds to a barrel of cranberries, 100. Prices and yields for the periods are weighted averages except for cotton and cottonseed, which are simple averages of prices and yields for the individual years

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[3]					Wheat[3]				
	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	----------	25.6	------	21,918	270,594	----------	12.3	------
1876–1885	63,655	1,667,510	----------	26.2	------	34,553	448,337	----------	13.0	------
1886–1895	78,327	1,986,608	----------	25.4	------	38,496	526,076	----------	13.7	------
1896–1900	91,253	2,523,555	----------	27.7	------	47,258	630,354	----------	13.3	------
1901–1905	95,226	2,529,114	----------	26.6	------	47,002	674,843	----------	14.4	------
1906–1910	97,894	2,735,480	----------	27.9	------	45,105	664,209	----------	14.7	------
1911–1915	100,294	2,609,562	----------	26.0	------	53,247	801,080	----------	15.0	------
1916–1920	102,631	2,704,768	----------	26.4	------	59,485	790,773	----------	13.3	------
1921–1925	101,275	2,732,439	2,079,605	27.0	76.1	57,557	786,866	874,835	13.7	111.2
1926–1930	99,407	2,513,507	1,950,367	25.3	77.6	60,330	866,024	882,060	14.4	101.9
1918	102,195	2,441,249	----------	23.9	------	61,068	904,130	----------	14.8	------
1919	98,145	2,678,541	4,035,445	27.3	150.7	73,700	952,097	2,059,421	12.9	216.3
1920	101,369	3,070,604	1,872,085	30.3	61.0	62,358	843,277	1,539,584	13.5	182.6
1921	103,155	2,928,442	1,544,722	28.4	52.7	64,566	818,964	843,458	12.7	103.0
1922	100,345	2,707,306	2,036,831	27.0	75.2	61,397	846,649	817,929	13.8	96.6
1923	101,123	2,875,292	2,400,513	28.4	83.5	56,920	759,482	703,283	13.3	92.6
1924	100,420	2,298,071	2,420,928	22.9	105.3	52,460	840,091	1,047,703	16.0	124.7
1925	101,331	2,853,083	1,995,031	28.2	69.9	52,441	669,142	961,801	12.8	143.7
1926	99,452	2,574,511	1,938,403	25.9	75.3	56,815	833,544	1,014,023	14.7	121.7
1927	98,357	2,677,671	2,273,509	27.2	84.9	59,628	874,733	1,041,209	14.7	119.0
1928	100,336	2,714,535	2,288,041	27.1	84.3	59,226	912,961	911,065	15.4	99.8
1929	97,806	2,535,546	2,024,132	25.9	79.8	63,320	822,180	850,308	13.0	103.4
1930	101,083	2,005,273	1,227,659	20.4	59.4	62,661	889,702	596,096	14.2	67.0
1931	105,948	2,588,509	830,725	24.4	32.1	57,103	932,221	363,727	16.3	39.0
1932	108,668	2,906,873	925,277	26.8	31.8	57,114	745,788	282,808	13.1	37.9
1933	103,260	2,351,658	1,227,221	22.8	52.2	47,910	528,975	391,778	11.0	74.1
1934 (prel.)	87,486	1,380,718	1,163,961	15.8	84.7	42,235	496,469	436,872	11.8	88.0
	Oats[3]					Rye				
1866–1875	10,616	231,394	----------	26.5	------	1,347	18,267	14,559	13.6	79.7
1876–1885	17,954	494,612	----------	27.5	------	1,392	24,625	15,640	13.0	63.1
1886–1895	28,113	753,240	----------	26.8	------	2,188	27,975	15,278	12.8	54.6
1896–1900	29,741	865,863	----------	29.1	------	2,074	31,272	14,142	15.1	45.2
1901–1905	32,122	975,626	----------	30.4	------	2,077	33,064	19,091	15.9	57.7
1906–1910	34,869	954,648	----------	27.4	------	2,182	35,617	24,723	16.3	69.4
1911–1915	37,531	1,155,906	----------	30.8	------	2,494	41,399	31,903	16.6	77.1
1916–1920	41,100	1,312,199	----------	31.9	------	5,183	68,682	101,518	13.3	147.8
1921–1925	42,441	1,251,023	498,650	29.5	39.9	4,857	63,965	47,809	13.2	74.7
1926–1930	40,227	1,189,962	477,934	29.6	40.2	3,382	41,504	31,170	12.3	75.0
1918	42,464	1,428,611	----------	33.6	------	6,391	91,041	138,038	14.2	151.6
1919	39,601	1,106,603	848,534	27.9	76.7	7,168	78,659	114,801	11.0	145.9
1920	42,732	1,444,291	776,913	33.8	53.8	4,825	61,915	90,626	12.8	146.4
1921	45,539	1,045,270	336,603	23.0	32.2	4,851	61,023	51,274	12.6	84.0
1922	40,324	1,147,905	420,354	28.5	37.4	6,757	100,986	64,523	14.9	63.9
1923	40,245	1,227,184	499,701	30.5	40.7	4,936	55,961	33,168	11.3	59.3
1924	41,857	1,424,422	680,378	34.0	47.8	3,941	59,076	56,261	15.0	95.2
1925	44,240	1,410,336	547,212	31.9	38.8	3,800	42,779	33,819	11.3	79.1
1926	42,854	1,141,941	457,760	26.6	40.1	3,419	35,361	29,348	10.3	83.0
1927	40,350	1,093,097	515,277	27.1	47.1	3,458	52,111	43,487	15.1	83.5
1928	40,128	1,318,977	537,186	32.9	40.7	3,310	38,591	32,255	11.7	83.6
1929	38,148	1,118,414	468,369	29.3	41.9	3,110	35,482	30,395	11.4	85.7
1930	39,653	1,277,379	411,070	32.2	32.2	3,612	46,275	20,366	12.8	44.0
1931	40,084	1,126,913	239,953	28.1	21.3	3,104	32,290	10,863	10.4	33.7
1932	41,420	1,240,548	195,254	30.1	15.7	3,344	40,639	11,198	12.2	27.6
1933	36,701	731,500	244,128	19.9	33.4	2,349	21,150	13,071	9.0	61.8
1934 (prel.)	30,395	528,815	259,398	17.4	49.1	1,937	16,040	11,961	8.3	74.6

[1] Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price."
[2] Received by producers. Beginning 1919, prices are weighted average prices for the crop-marketing season; prior thereto, Dec. 1 prices.
[3] Figures for 1866 to 1918 revised; value and average price not yet computed.

No. 610.—Summary for Principal Crops: Estimated Acreage, Yield, Production, Value, and Average Price Received by Producers—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]
	Barley[3]					Buckwheat				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bus.*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bus.*	*Cents per bushel*
1866-1875	1,303	28,265	----------	21.7	-------	730	13,369	9,735	18.3	72.8
1876-1885	2,236	50,303	----------	22.5	-------	799	11,610	7,510	14.5	64.7
1886-1895	3,513	82,765	----------	23.6	-------	879	12,854	7,031	14.6	54.7
1896-1900	4,308	102,591	----------	23.8	-------	821	14,367	6,720	17.5	46.8
1901-1905	5,088	151,475	----------	25.3	-------	859	15,670	9,343	18.2	59.6
1906-1910	7,250	163,200	----------	22.5	-------	859	16,543	11,313	19.3	68.4
1911-1915	7,552	177,102	----------	23.5	-------	808	16,514	12,127	20.4	73.4
1916-1920	7,858	173,712	----------	22.1	-------	848	13,898	20,474	16.4	147.3
1921-1925	7,210	160,939	93,819	22.3	58.3	707	12,052	11,283	17.0	93.6
1926-1930	11,261	263,629	144,282	23.4	54.7	664	9,913	8,731	14.9	88.1
1918	9,198	225,067	----------	26.3	-------	1,027	16,905	28,142	16.5	166.5
1919	6,579	131,086	163,045	19.9	124.4	733	12,707	20,163	17.3	158.7
1920	7,439	171,042	144,276	23.0	84.4	729	12,193	15,288	16.7	125.4
1921	7,074	132,702	63,471	18.8	47.8	640	11,822	10,391	18.5	87.9
1922	6,601	152,908	76,314	23.2	49.9	729	11,776	10,536	16.2	89.5
1923	7,151	158,994	86,868	22.2	54.6	689	11,596	11,104	16.8	95.8
1924	7,038	167,314	124,086	23.8	74.2	737	12,508	13,433	17.0	107.4
1925	8,186	192,779	118,365	23.5	61.4	742	12,559	10,960	16.9	87.2
1926	7,917	164,467	95,288	20.8	57.9	679	10,976	9,565	16.2	87.1
1927	9,465	240,057	165,421	25.4	68.9	764	12,820	11,137	16.8	86.9
1928	12,735	329,625	187,133	25.9	56.8	679	10,117	9,095	14.9	89.9
1929	13,523	280,242	150,946	20.7	53.9	627	8,692	8,367	13.9	96.3
1930	12,666	303,752	122,620	24.0	40.4	573	6,960	5,493	12.1	78.9
1931	11,424	198,543	64,563	17.4	32.5	505	8,800	3,764	17.6	42.3
1932	13,346	302,042	66,394	22.6	22.0	454	6,727	2,918	14.8	43.4
1933	10,009	155,825	67,531	15.6	43.3	402	7,844	4,380	17.0	55.8
1934 (prel.)	7,144	118,929	84,439	16.6	71.0	480	9,062	5,351	18.9	59.0
	Rice (rough)					Flaxseed				
1906-1910	638	20,720	16,598	32.5	80.1	2,520	21,930	28,151	8.7	128.4
1911-1915	749	25,266	22,370	33.7	88.5	2,186	18,615	26,120	8.5	140.3
1916-1920	1,068	41,709	70,162	39.1	168.2	1,662	10,900	32,700	6.6	300.0
1921-1925	921	36,901	41,240	39.0	114.9	2,166	17,753	37,815	8.2	213.0
1926-1930	963	42,960	40,076	44.6	93.3	2,979	20,011	40,456	6.7	202.2
1918	1,119	38,606	74,042	34.5	191.8	1,910	13,369	45,470	7.0	340.1
1919	1,070	42,689	113,570	39.9	266.0	1,293	6,770	29,932	5.2	442.1
1920	1,299	51,648	61,006	39.8	118.1	1,647	10,900	25,375	6.6	232.8
1921	990	39,274	37,239	39.7	94.8	1,143	8,107	13,411	7.1	165.4
1922	1,053	41,663	38,686	39.6	92.9	1,113	10,520	21,836	9.5	207.6
1923	874	33,238	36,615	38.0	110.2	2,015	16,563	36,192	8.2	212.5
1924	837	32,593	44,852	38.9	137.6	3,535	31,237	68,055	8.8	217.9
1925	849	32,736	48,809	38.6	149.1	3,022	22,337	50,582	7.4	226.4
1926	1,006	41,415	46,205	41.2	111.6	2,736	18,537	37,665	6.8	203.2
1927	1,024	44,422	39,554	43.4	89.0	2,763	25,183	48,488	9.1	192.5
1928	962	43,434	39,029	45.1	89.9	2,611	19,140	37,118	7.3	193.9
1929	860	40,604	40,384	47.2	99.5	3,047	15,910	44,733	5.2	281.2
1930	961	44,923	35,209	46.7	78.4	3,736	21,287	34,278	5.7	161.0
1931	964	44,873	22,247	46.5	49.6	2,416	11,798	13,758	4.9	116.6
1932	873	41,250	17,264	47.3	41.9	1,975	11,671	10,280	5.9	88.1
1933	792	37,058	28,832	46.8	77.8	1,328	6,947	11,296	5.2	162.6
1934 (prel.)	781	38,296	29,662	49.0	77.5	974	5,253	9,070	5.4	172.7

[1] Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price."
[3] Figures for 1866 to 1918 revised; value and average price not yet computed.
[4] Received by producers. Prices for barley, buckwheat, and flaxseed beginning 1919 are weighted average prices for the crop-marketing season; for buckwheat and flaxseed prior to 1919, Dec. 1 prices. Prices for rice, 1924 to 1933, are average prices for the crop-marketing season; for years prior to 1919 and for 1934, Dec. 1 prices.

No. 610.—Summary for Principal Crops: Estimated Acreage, Yield, Production, Value, and Average Price Received by Producers—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [5]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [5]
	Potatoes [3]					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	----------	86.9	------	------	------	------	------	------
1876–1885	2,074	173,197	----------	83.5	------	------	------	------	------	------
1886–1895	2,635	214,022	----------	81.2	------	------	------	------	------	------
1896–1900	2,918	246,702	----------	84.5	------	------	------	------	------	------
1901–1905	3,115	286,091	----------	91.8	------	545	47,730	27,943	87.6	58.5
1906–1910	3,465	342,410	----------	98.8	------	600	54,563	36,457	90.9	66.8
1911–1915	3,473	349,277	----------	100.6	------	629	60,257	42,525	95.8	70.6
1916–1920	3,455	336,280	----------	97.3	------	839	79,649	102,802	94.9	129.1
1921–1925	3,370	358,672	352,390	106.4	98.2	703	62,342	78,193	88.7	125.4
1926–1930	3,090	355,427	304,061	115.0	102.4	661	62,483	71,274	94.5	114.1
1918	3,597	346,114	----------	96.2	------	940	87,924	118,863	93.5	135.2
1919	3,300	297,341	568,259	90.1	191.1	792	78,422	132,676	99.0	169.2
1920	3,301	368,904	491,561	111.8	133.2	768	77,124	109,416	100.4	141.9
1921	3,598	325,312	369,109	90.4	113.5	819	73,958	83,947	90.3	113.5
1922	3,946	419,288	287,792	106.3	68.6	819	78,665	79,306	96.1	100.8
1923	3,378	366,356	335,310	108.5	91.5	675	64,041	77,474	94.9	121.0
1924	3,110	384,837	274,972	123.7	71.5	567	45,201	67,790	79.7	150.0
1925	2,819	297,567	494,765	105.6	166.3	637	49,845	82,448	78.2	165.4
1926	2,813	322,350	439,469	114.6	136.3	646	63,531	74,629	98.3	117.5
1927	3,166	368,813	401,788	116.5	108.9	724	71,156	77,539	98.3	109.0
1928	3,469	425,626	243,542	122.7	57.2	638	59,050	70,637	93.5	118.4
1929	2,973	327,652	430,950	110.2	131.5	646	64,963	76,081	100.6	117.1
1930	3,030	332,693	304,558	109.8	91.5	649	53,117	57,482	81.8	108.2
1931	3,366	372,994	173,100	110.8	46.4	785	63,043	45,688	80.3	72.5
1932	3,379	357,871	141,328	105.9	39.5	926	78,431	42,154	84.7	53.7
1933	3,194	320,203	263,680	100.3	82.3	759	65,134	45,411	85.8	69.7
1934 (prel.)	3,303	385,287	199,251	116.6	51.7	762	67,400	54,389	88.5	80.7
	Cotton (excluding linters) [6]					Cottonseed				
	1,000 acres	*1,000 bales [7]*	*1,000 dollars*	*Lbs.*	*Cents per pound*		*1,000 short tons*	*1,000 dollars*		*Dollars per ton*
1866–1875	9,046	3,389	----------	162.6	------	------	1,382	----------	------	------
1876–1885	15,147	5,706	----------	172.2	------	------	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	659,484	182.3	11.30	------	5,262	----------	------	------
1911–1915	33,649	14,167	728,937	200.7	10.43	------	6,292	131,225	------	21.54
1916–1920	33,534	11,918	1,469,978	169.9	24.94	------	5,205	281,627	------	54.15
1921–1925	35,896	11,515	1,276,757	151.2	22.21	------	5,112	174,429	------	34.32
1926–1930	42,219	14,834	1,127,039	167.8	15.38	------	6,592	188,444	------	29.02
1918	35,038	12,018	1,738,071	164.1	28.93	------	5,341	348,323	------	65.22
1919	32,906	11,411	2,020,398	165.9	35.41	------	5,069	340,653	------	67.20
1920	34,408	13,429	1,069,257	186.7	15.92	------	5,966	136,882	------	22.94
1921	28,678	7,945	675,773	132.5	17.01	------	3,528	104,828	------	29.71
1922	31,361	9,755	1,115,578	148.8	22.87	------	4,330	150,416	------	34.74
1923	35,550	10,140	1,454,320	136.4	28.69	------	4,503	190,312	------	42.26
1924	39,503	13,630	1,561,022	165.0	22.91	------	6,050	206,212	------	34.08
1925	44,390	16,105	1,577,091	173.5	19.59	------	7,150	220,379	------	30.82
1926	44,616	17,978	1,121,185	192.8	12.47	------	7,989	172,131	------	21.55
1927	38,349	12,956	1,308,088	161.7	20.19	------	5,758	206,940	------	35.94
1928	42,432	14,477	1,302,036	163.3	17.99	------	6,435	226,874	------	35.26
1929	43,242	14,825	1,244,846	164.1	16.79	------	6,590	200,521	------	30.43
1930	42,454	13,932	659,041	157.0	9.46	------	6,190	135,753	------	21.93
1931	38,705	17,006	483,627	211.5	5.66	------	7,604	72,412	------	9.52
1932	35,939	13,002	424,006	173.3	6.52	------	5,783	59,881	------	10.35
1933 [8]	20,978	13,047	663,507	208.5	10.17	------	5,804	82,474	------	14.11
1934	26,987	9,636	595,602	170.9	12.36	------	4,282	148,987	------	34.70

[1] Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price".

[3] Figures for 1866 to 1918 revised; value and average price not yet computed.

[5] Received by producers. Beginning with 1919 for potatoes and sweetpotatoes, with 1908 for cotton, and with 1911 for cottonseed, prices are weighted average prices for the crop-marketing season. Figures for prior years are Dec. 1 prices. See also note 1, table 612, regarding cotton prices 1933 and 1934.

[6] State production figures, which conform with census annual ginning enumerations, with allowance for gross State ginnings, rounded to thousands and added for United States totals. Acreage and yield for all years have been revised to the level of the 1930 census, and cotton grown in Lower California, ginned in California from 1913 to 1924, excluded.

[7] Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.

[8] Area in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

No. 610.—Summary for Principal Crops: Estimated Acreage, Yield, Production, Value, and Average Price Received by Producers—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [9]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [9]
	Beans, dry, edible					Peanuts (for nuts)				
	1,000 acres	*1,000 bags* [10]	*1,000 dollars* [11]	*Lbs.*	*Dollars per bag* [12]	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [13]
1916–1920	1,332	8,127	64,713	610.1	8.08	1,413	1,043,292	67,494	738.4	6.5
1921–1925	1,302	8,926	44,308	685.6	4.97	1,052	710,743	36,413	675.6	5.1
1926–1930	1,708	11,107	59,343	650.3	5.34	1,138	811,001	35,919	712.7	4.4
1923	1,322	9,587	48,734	725.2	5.37	896	647,762	42,055	722.9	6.5
1924	1,582	9,298	48,792	587.7	5.61	1,187	745,059	43,127	627.7	5.8
1925	1,614	11,760	53,774	728.6	5.00	958	698,475	31,562	729.1	4.5
1926	1,611	10,410	46,242	646.2	5.04	843	631,825	30,584	749.5	4.8
1927	1,450	9,120	47,315	639.0	5.52	1,142	864,549	43,818	757.0	5.1
1928	1,535	9,866	68,622	642.7	7.27	1,211	855,096	42,424	706.1	5.0
1929	1,836	12,240	79,118	666.7	6.77	1,360	956,448	36,156	703.3	3.8
1930	2,110	13,900	55,420	658.8	4.19	1,133	747,085	26,611	659.4	3.6
1931	1,913	12,843	25,825	671.4	2.14	1,419	1,097,930	22,270	773.7	2.0
1932	1,408	10,440	20,025	741.5	2.01	1,607	1,037,840	15,871	645.8	1.5
1933	1,692	12,338	32,405	729.2	2.79	1,345	905,710	25,646	673.4	2.8
1934 (prel.)	1,378	10,159	34,710	737.2	3.65	1,571	1,063,035	34,714	676.7	3.3
	Grain sorghums (kafirs, milo maize, feterita, etc.) for all purposes					Broomcorn				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel* [13]	*1,000 acres*	*1,000 short tons*	*1,000 dollars*	*Lbs.*	*Dolls. per ton* [13]
1916–1920	[14] 6,418	[14] 129,368	[14] 141,933	[14] 20.2	[14] 109.7	340	55	9,474	321.9	173.14
1921–1925	5,087	89,273	65,892	14.9	73.8	330	54	7,226	316.9	134.96
1926–1930	6,481	93,182	60,297	14.4	64.7	310	49	4,476	317.2	91.35
1923	6,354	88,466	82,674	13.9	93.5	536	81	13,038	303.2	160.17
1924	5,690	87,870	75,095	15.5	85.5	434	78	7,459	358.0	96.00
1925	6,272	82,224	61,733	13.1	75.1	226	31	4,449	276.2	142.50
1926	6,440	101,502	55,007	15.8	54.2	319	55	4,326	342.7	79.07
1927	6,722	107,261	82,066	16.0	77.1	232	40	4,149	346.7	103.21
1928	6,527	111,690	73,418	17.1	65.7	299	54	5,222	360.7	97.06
1929	6,131	81,041	54,173	13.2	66.8	310	47	5,417	304.5	114.52
1930	6,586	64,416	36,220	9.8	56.2	391	50	3,267	254.7	65.60
1931	7,166	105,369	27,026	14.7	25.6	298	45	2,041	303.2	45.15
1932	7,864	106,306	20,349	13.5	19.1	304	37	1,381	243.6	37.43
1933	8,149	88,082	44,011	10.8	51.0	280	30	3,153	214.3	104.75
1934 (prel.)	7,569	34,542	28,415	4.6	82.3	300	30	5,462	198.8	183.29
	Clover seed (red and alsike) [15]					Hops				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Dollars per bushel*	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [16]
1916–1920	947	1,592	24,554	1.68	15.44	30	32,143	10,320	1,081	32.1
1921–1925	893	1,251	14,832	1.40	11.86	22	26,616	4,456	1,215	16.7
1926–1930	1,034	1,492	19,724	1.44	13.22	23	30,353	5,586	1,314	18.4
1923	753	1,028	12,387	1.37	12.05	18	19,751	3,722	1,071	18.8
1924	809	927	13,455	1.15	14.51	20	27,670	2,863	1,360	10.3
1925	807	1,062	15,819	1.32	14.90	20	28,573	6,232	1,404	21.8
1926	530	728	12,895	1.37	17.71	21	31,522	7,296	1,516	23.1
1927	1,214	1,727	26,299	1.42	15.22	25	30,658	7,024	1,240	22.9
1928	617	961	15,590	1.56	16.22	26	32,944	6,365	1,257	19.3
1929	1,789	2,627	27,455	1.47	10.45	24	33,195	3,785	1,360	11.4
1930	1,019	1,419	16,383	1.39	11.55	20	23,447	3,462	1,202	14.8
1931	825	1,118	8,130	1.35	7.27	21	26,410	3,642	1,234	13.8
1932	1,102	1,690	8,475	1.53	5.01	22	24,058	4,199	1,094	17.5
1933	1,006	1,489	9,174	1.36	6.16	30	39,965	12,147	1,319	30.4
1934 (prel.)	964	1,099	11,987	1.14	10.91	36	40,345	5,779	1,127	14.3

[1] Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price."
[9] Received by producers. See also notes on prices for each crop.
[10] Bags of 100 pounds.
[11] Beginning with 1919, 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.
[12] Nov. 15 prices, 1916 to 1918; beginning with 1919, weighted average prices for the crop-marketing season, prices of beans being for cleaned beans.
[13] Nov. 15 prices, 1916 to 1924; Dec. 1 prices, 1925 and 1926; average prices for the crop-marketing season, 1927 to 1933; Dec. 1 price, 1934.
[14] Average for 1919 and 1920.
[15] Includes sweet clover prior to 1924. Prices for 1916 to 1924 are as of Nov. 15; 1925 to 1928, Dec. 1; 1929 to 1934, weighted average prices for the crop-marketing season.
[16] Dec. 1 prices, 1916 to 1931; beginning 1932, average prices for the crop-marketing season.

No. 610.—Summary for Principal Crops: Estimated Acreage, Yield, Production, Value, and Average Price Received by Producers—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [17]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [17]
	Hay (tame)					Tobacco [3]				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton*	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [18]
1866–1875	20,296	23,356	----------	1.15	------	450	339,207	----------	754	------
1876–1885	28,704	36,056	----------	1.26	------	711	518,825	----------	730	------
1886–1895	39,492	48,007	----------	1.22	------	916	669,297	----------	731	------
1896–1900	42,467	54,137	----------	1.27	------	1,064	818,926	----------	770	------
1901–1905	46,147	61,591	----------	1.33	------	1,126	923,378	----------	820	------
1906–1910	50,542	66,001	----------	1.31	------	1,173	977,973	----------	834	------
1911–1915	50,306	64,516	----------	1.28	------	1,286	1,048,825	----------	816	------
1916–1920	55,455	74,717	----------	1.35	------	1,743	1,386,048	----------	795	------
1921–1925	57,713	74,877	995,248	1.30	13.29	1,653	1,279,550	247,642	774	19.4
1926–1930	54,563	72,678	902,585	1.33	12.42	1,830	1,411,697	249,826	771	18.0
1923	57,717	75,286	1,061,570	1.30	14.10	1,855	1,517,583	288,102	818	19.0
1924	59,058	80,118	1,105,367	1.36	13.80	1,702	1,244,928	236,937	731	19.0
1925	56,064	67,155	936,812	1.22	13.95	1,751	1,376,008	230,642	786	16.8
1926	54,851	67,478	949,972	1.23	14.08	1,628	1,289,272	231,208	792	17.9
1927	56,930	83,648	945,361	1.47	11.30	1,556	1,211,311	250,462	778	20.7
1928	53,395	72,586	887,206	1.36	12.22	1,864	1,373,214	274,136	736	20.0
1929	55,017	76,110	928,063	1.38	12.19	1,988	1,537,313	282,168	774	18.4
1930	52 623	63,566	802.231	1.21	12.62	2,112	1,647,377	211,156	780	12.8
1931	54,136	65,941	590,255	1.21	9.03	2,000	1,583,567	129,689	792	8.2
1932	53,452	70,351	468,015	1.32	6.65	1,400	1,022,756	107,776	726	10.5
1933	53,965	66,130	536,461	1.23	8.11	1,733	1,366,235	177,905	788	13.0
1934 (prel.)	51,495	51,941	724,520	1.01	13.95	1,271	1,045,660	223,179	823	21.3
	Wild hay					Sweet sorghum for forage and hay [19]				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton*	*1,000 acres*	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dolls. per ton*
1916–1920	16,320	16,161	204,048	0.99	12.62	----------	----------	----------	----------	----------
1921–1925	15,486	13,301	102,115	.86	7.68	2,089	3,640	34,281	1.74	9.42
1926–1930	13,635	11,489	87,755	.84	7.64	2,026	3,583	31,008	1.77	8.65
1927	14,535	15,010	98,897	1.03	6.59	2,366	4,994	38,413	2.11	7.69
1928	12,924	11,525	83,546	.89	7.25	2,061	3,887	30,659	1.89	7.89
1929	13,586	11,194	89,975	.82	8.04	1,850	3,209	28,603	1.73	8.91
1930	13,793	10,744	76,297	.78	7.10	1,818	2,690	24,206	1.48	9.00
1931	12,253	8,367	51,637	.68	6.17	2,333	3,553	20,283	1.52	5.71
1932	14,275	12,137	48,384	.85	3.99	2,633	3,845	15,574	1.46	4.05
1933	12,276	8,477	44,088	.69	5.20	3,354	4,795	24,728	1.43	5.16
1934 (prel.)	8,899	4,749	55,010	.53	11.58	3,557	3,253	34,008	.91	10.45
	Cranberries (principal producing States) [20]					Oranges (2 States) [21]				
	1,000 acres	*1,000 barrels*	*1,000 dollars*	*Barrels*	*Dolls. per barrel*		*1,000 boxes* [22]	*1,000 dollars*		*Dolls. per box* [23]
1916–1920	24	414	3,980	17.3	9.61	----------	22,858	64,866	----------	2.85
1921–1925	27	549	5,749	20.3	10.47	----------	31,466	84,077	----------	2.73
1926–1930	28	580	6,517	20.7	11.24	----------	42,585	110,308	----------	2.79
1927	28	496	6,089	17.4	12.28	----------	32,670	126,707	----------	3.88
1928	29	551	7,997	19.3	14.51	----------	54,110	107,600	----------	1.99
1929	29	549	7,188	19.2	13.10	----------	31,787	113,872	----------	3.58
1930	28	560	5,688	20.2	10.15	----------	54,681	89,706	----------	1.64
1931	28	606	3,992	24.0	5.99	----------	49,120	65,408	----------	1.33
1932	27	585	4,169	21.4	7.13	----------	50,465	54,965	----------	1.09
1933	27	704	3,950	25.7	5.61	----------	[24] 46,539	72,857	----------	1.57
1934 (prel.)	27	443	4,627	16.2	10.44	----------	57,065	98,817	----------	1.73

[1] Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price".
[3] Figures for 1866 to 1918 revised; value and average price not yet computed.
[17] Received by producers. Prices are as of Dec. 1 except as noted.
[18] Prices are average prices for the crop marketing season.
[19] Not included in tame hay. [20] Beginning 1932 prices are averages for the crop marketing season.
[21] Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped; they exclude fruit which ripened on the trees but was destroyed prior to picking. For California, figures relate to the crop produced from the bloom of the year shown, fruiting through the winter and the following spring and summer, being picked from Nov. 1 of the year shown to Oct. 31 of the following year. Fruit picked after the latter date is included with the crop of the following year. For Florida, estimates include all fruit picked after about Sept. 1 of the year shown.
[22] Net content of boxes varies. In California, the approximate average is 70 lbs.; in Florida, 90 lbs.
[23] Season average prices, 1919 to 1933; season average prices to Dec. 1, 1934. California prices are for naked fruit at the packing-house door; Florida prices are for packed boxes minus selling charges on the commercial crop so handled and bulk prices for other commercial and noncommercial marketings.
[24] Includes 977,000 boxes of California oranges for charity which are excluded in computing value.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 611.—TRUCK CROPS: Commercial Acreage, Production, and Value, for Market and Manufacture

Note.—Only States with a crop of commercial importance are included. Approximate weights of the units of measurements are as follows: Number of pounds to the crate—asparagus, 24; cantaloups, 60; cauliflower, 39; celery, 90 (¾ size crates); strawberries, 36 (24-quart crates). Number of pounds to the bushel—beans, snap, 30; beans, lima, 32; beets, 52; carrots, 50; cucumbers, 48; eggplant, 33; kale, 18; peas, green, 30; peppers, 25; potatoes, 60; spinach, 18; tomatoes, 53. Number of pounds to a box of artichokes, 40. Lettuce is in western crates (mostly 4 to 6 dozen heads); onions, 100-pound sacks. Tons are of 2,000 pounds. Values are based on average seasonal farm prices

Crop	Acreage					Production (thousands of units)	
	1931	1932	1933	1934	1934, leading States	Unit	1931
Artichokes	7,500	6,330	6,350	8,350	Calif.	Box	818
Asparagus	101,640	110,350	116,100	112,830	Calif., N. J.	Ton	110
Beans, lima	40,630	31,000	28,280	36,700	Del., Va.	(1)	
Beans, snap	167,140	153,710	163,770	191,950	Fla., N. J.	Ton	[2] 214
Beets	15,720	13,710	14,440	17,910	Tex., N. J.	do	[2] 88
Cabbage	150,360	140,310	125,370	175,130	Tex., N. Y.	do	[2] 1,017
Cantaloups	138,310	135,780	109,050	96,160	Calif., Md.	Crate	[2] 17,817
Carrots	31,190	29,860	32,590	36,880	Calif., Tex.	Bushel	[2] 12,314
Cauliflower	29,360	31,800	30,150	28,550	Calif., N. Y.	Crate	7,104
Celery	32,950	35,600	31,250	32,200	Calif., Mich.	do	9,204
Corn, sweet [3]	381,030	187,630	224,670	311,220	Ill., Minn.	(1)	
Cucumbers	137,160	78,210	98,470	121,750	Mich., Wis.	Bushel	[2] 10,789
Eggplant	3,900	3,650	4,000	3,720	Fla., N. J.	do	811
Kale	2,400	1,800	1,800	1,500	Va.	do	480
Lettuce	175,430	163,650	141,110	154,320	Calif., Ariz.	Crate	19,609
Onions	77,630	91,750	79,370	82,690	Tex., N. Y.	Sack	[2] 10,639
Peas, green	306,670	299,240	327,490	350,790	Wis., Calif.	(1)	
Peppermint, oil	42,640	27,720	22,850	20,500	Ind., Mich.	Pound	683
Peppers, green	18,100	17,270	17,590	15,200	Fla., N. J.	Bushel	4,376
Pimentos	6,740	8,910	5,780	9,540	Ga., Calif.	Ton	9
Potatoes, early Irish	346,800	275,400	252,600	307,750	Va., N. J.	Bushel	46,072
Spinach	56,840	54,450	74,110	69,880	Tex., Calif.	Ton	[2] 156
Strawberries	150,450	188,300	196,170	197,660	La., Ark.	Crate	11,160
Tomatoes	455,090	438,120	434,580	514,040	Ind., Calif.	Ton	[2] 1,425
Watermelons	238,820	233,230	186,350	196,640	Ga., Tex.	Number	[2] 74,145

Crop	Production (thousands of units)—Contd.				Value (thousands of dollars)			
	1932	1933	1934	1934, leading States	1931	1932	1933	1934
Artichokes	570	743	1,060	Calif.	1,391	1,197	921	1,060
Asparagus	108	124	121	Calif., N. J.	13,745	10,171	9,743	10,401
Beans, lima				Va., Del.	2,425	1,518	1,084	1,642
Beans, snap	[2] 213	[2] 223	[2] 270	Fla., N. J.	15,968	12,121	11,964	13,171
Beets	65	68	92	Tex., N. J.	1,109	889	1,035	1,323
Cabbage	[2] 987	[2] 728	[2] 1,213	N. Y., Tex.	9,827	11,168	12,563	9,494
Cantaloups	[2] 17,021	[2] 12,759	11,815	Calif., Md.	17,385	11,485	9,520	13,410
Carrots	[2] 10,815	10,635	13,005	Calif., Tex.	5,102	6,316	5,019	6,442
Cauliflower	[2] 7,730	[2] 7,000	6,621	Calif., N. Y.	5,554	4,766	4,175	3,944
Celery	[2] 9,804	[2] 8,624	8,617	Calif., Fla.	16,904	11,296	10,682	10,459
Corn, sweet [3]				Ill., Minn.	9,739	4,029	4,527	5,442
Cucumbers	[2] 5,263	6,632	7,838	Mich., N. J.	7,695	3,253	3,958	5,049
Eggplant	809	910	746	Fla., N. J.	601	520	488	445
Kale	1,080	900	225	Va.	240	216	315	90
Lettuce	[2] 17,820	[2] 17,374	[2] 19,055	Calif., Ariz.	28,944	21,729	21,989	25,231
Onions	[2] 15,530	12,067	[2] 13,089	N. Y., Tex.	14,590	10,444	13,094	14,655
Peas, green				Wis., Calif.	16,649	14,039	13,602	17,862
Peppermint, oil	421	503	437	Mich., Ind.	813	598	900	1,079
Peppers, green	3,894	4,227	3,499	Fla., N. J.	3,348	2,761	2,040	2,746
Pimentos	15	8	16	Ga., Calif.	300	477	219	455
Potatoes, early Irish	33,320	30,791	42,796	Va., N. J.	29,088	19,578	31,551	23,777
Spinach	[2] 127	140	140	Tex., Calif.	5,765	5,743	4,690	4,816
Strawberries	[2] 13,280	[2] 13,258	[2] 13,264	Ark., La.	36,708	24,285	20,773	23,939
Tomatoes	[2] 1,676	[2] 1,509	[2] 1,869	Calif., Ind.	29,927	30,572	30,532	39,051
Watermelons	[2] 60,623	[2] 50,099	[2] 48,961	Calif., Ga.	7,344	4,162	4,645	5,260

[1] Market and canning production estimated in different units which cannot properly be combined.
[2] Includes some quantities not harvested on account of market conditions. Value computed on harvested crop.
[3] Mainly for canning, but includes also market crop for New Jersey.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 612.—COTTON AND COTTONSEED: AREA, PRODUCTION, AND FARM VALUE, BY STATES

NOTE.—Cotton production excludes linters. Figures for production of cotton and cottonseed in some States differ slightly from Census figures on ginnings due to ginnings in one State of cotton grown in another. Where figures are not shown for the individual States, separate data are not available for the entire period but are included in the United States totals. Yields and prices for the periods are simple averages of the figures for the individual years. Tons are of 2,000 pounds. Acreage and yield per acre for all years have been revised by the Department of Agriculture and minor adjustments made in cotton and cottonseed production and value for several States. The value of cottonseed, 1911 to 1919, has been computed by the Bureau of Foreign and Domestic Commerce from data furnished by the Department of Agriculture

Yearly average or year	Cotton					Cottonseed			Total farm value
	Acres	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound [1]	Quantity	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:									
1911–1915	*33,649*	*14,167*	*728,037*	*201*	*10.43*	*6,292*	*131,225*	*21.54*	*860,162*
1916–1920	33,534	11,918	1,469,978	170	24.94	5,295	281,630	54.15	1,751,608
1921–1925	35,896	11,515	1,276,757	151	22.21	5,112	174,429	34.32	1,451,186
1926–1930	42,219	14,834	1,127,039	168	15.38	6,502	188,444	29.02	1,315,483
1929	43,242	14,825	1,244,846	164	16.79	6,590	200,521	30.43	1,445,367
1930	42,454	13,932	659,041	157	9.46	6,190	135,753	21.93	794,794
1931	38,705	17,096	483,627	212	5.66	7,604	72,412	9.52	556,039
1932	35,939	13,002	424,006	173	6.52	5,733	59,881	10.35	483,887
1933	[2] 29,978	13,047	663,507	209	10.17	5,804	82,474	14.11	745,981
1934	26,987	9,636	595,602	171	12.36	4,262	148,987	34.70	744,589
Alabama:									
1911–1915	3,570	1,463	74,917	194	10.44	650	13,889	22.52	88,806
1916–1920	2,450	643	81,882	126	24.96	285	16,721	58.28	98,603
1921–1925	2,797	864	95,312	146	22.47	384	13,576	36.17	108,888
1926–1930	3,438	1,319	97,732	183	16.20	586	16,903	29.50	114,635
1929	3,555	1,337	110,666	180	16.55	594	17,998	30.30	128,664
1930	3,582	1,467	66,478	196	9.06	652	13,835	21.22	80,313
1931	3,271	1,415	39,900	207	5.64	629	6,391	10.16	46,291
1932	3,021	948	32,363	150	6.83	421	5,039	11.97	37,402
1933	2,378	969	51,362	195	10.60	431	6,689	15.52	58,051
1934	2,133	950	57,453	213	12.10	422	14,302	33.89	71,755
Arizona:									
1917–1920	118	60	13,147	254	46.25	26	1,200	----------	14,356
1921–1925	132	79	10,728	278	28.45	35	1,124	32.16	11,852
1926–1930	189	134	12,434	338	18.73	60	1,451	24.62	13,885
1929	226	153	16,637	324	21.77	68	1,738	25.56	18,375
1930	215	155	9,301	346	11.97	69	1,290	18.69	10,591
1931	176	115	4,240	313	7.37	51	497	9.74	4,737
1932	113	69	2,695	293	7.79	31	271	8.73	2,966
1933	118	96	5,873	391	12.22	43	529	12.30	6,402
1934	136	117	8,169	410	13.97	52	1,580	30.38	9,739
Arkansas:									
1911–1915	2,086	927	47,700	212	10.37	412	8,309	20.77	56,099
1916–1920	2,510	1,039	122,780	198	24.53	462	23,586	52.74	146,366
1921–1925	2,741	1,025	108,138	176	22.07	455	14,279	32.93	122,417
1926–1930	3,272	1,217	92,217	178	15.13	541	15,376	28.66	107,593
1929	3,445	1,431	120,390	199	16.83	636	19,309	30.36	139,699
1930	3,502	869	39,295	119	9.04	386	8,183	21.20	47,478
1931	3,293	1,895	52,295	276	5.52	842	6,820	8.10	59,115
1932	3,366	1,317	42,870	187	6.51	585	5,999	10.24	48,869
1933	2,583	1,041	53,834	193	10.34	463	6,056	13.08	59,890
1934	2,162	867	53,034	192	12.23	385	13,140	34.13	66,174
California:									
1911–1915	20	15	760	375	10.80	6	127	----------	887
1916–1920	*90*	*48*	*6,124*	*264*	*26.47*	*21*	*1,042*	----------	*7,166*
1921–1925	101	60	6,914	263	23.22	27	915	34.08	7,829
1926–1930	217	183	13,873	395	15.90	81	2,126	27.06	15,999
1929	309	259	22,288	400	17.24	115	3,091	26.88	25,379
1930	270	264	12,648	468	9.59	117	2,545	21.75	15,193
1931	*192*	*177*	*5,429*	*440*	*6.15*	*79*	*1,011*	*12.80*	*6,440*
1932	123	129	4,586	503	7.09	58	630	10.86	5,216
1933	208	217	11,786	500	10.86	97	1,221	12.59	13,007
1934	223	259	16,816	556	12.98	115	3,547	30.84	20,363
Florida:									
1911–1915	251	67	4,600	128	13.93	30	583	20.13	5,183
1916–1920	175	31	5,249	85	32.96	14	763	55.05	6,012
1921–1925	107	24	2,569	108	22.09	10	342	34.43	2,911
1926–1930	116	33	2,304	132	15.36	15	392	28.15	2,696
1929	122	33	2,796	129	17.01	15	423	28.20	3,219
1930	147	56	2,720	183	9.68	25	553	22.11	3,273
1931	139	48	1,322	165	5.49	21	231	10.98	1,553
1932	102	17	525	78	6.30	7	83	11.86	608
1933	94	28	1,295	141	9.33	12	173	14.39	1,468
1934	91	28	1,705	146	12.24	12	374	31.20	2,079

[1] Weighted average price for the crop-marketing season. Prices for 1933 and 1934 are revised figures with allowance for that portion of the 1933 crop sold during the 1934–1935 marketing season and for Government loans outstanding.

[2] See note 8, table 610, p. 620.

No. 612.—Cotton and Cottonseed: Area, Production, and Farm Value, by States—Continued

Yearly average or year	Cotton					Cottonseed			Total farm value
	Acres	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound [3]	Quantity	Farm value	Farm price per ton [3]	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
Georgia:									
1911–1915	4,825	2,298	118,851	227	10.57	1,020	22,688	22.97	141,539
1916–1920	4,725	1,780	231,226	180	25.62	790	47,472	58.53	278,698
1921–1925	2,991	851	95,152	136	22.87	378	14,002	37.92	109,154
1926–1930	3,346	1,312	97,358	187	15.43	582	16,702	29.78	114,060
1929	3,378	1,342	111,625	190	16.64	596	16,557	27.78	128,182
1930	3,428	1,592	75,996	222	9.55	706	15,370	21.77	91,366
1931	3,096	1,392	40,567	215	5.83	618	6,749	10.92	47,316
1932	2,651	853	29,782	154	6.98	379	4,825	12.73	34,607
1933	2,147	1,105	55,043	246	10.13	490	8,364	17.07	64,307
1934	2,103	968	58,656	220	12.12	430	15,145	35.22	73,801
Louisiana:									
1911–1915	1,023	399	20,570	187	10.36	177	3,547	20.45	24,117
1916–1920	1,273	471	58,263	177	24.87	209	11,472	53.46	69,735
1921–1925	1,290	479	50,747	170	21.47	212	6,703	32.02	57,450
1926–1930	1,795	718	63,521	191	15.19	319	8,594	27.44	62,115
1929	1,934	809	66,526	200	16.45	359	10,766	29.99	77,292
1930	1,953	715	33,333	175	9.33	317	6,606	20.84	39,939
1931	1,825	900	25,063	236	5.57	400	3,244	8.11	28,307
1932	1,688	611	20,574	173	6.74	271	2,732	10.08	23,306
1933	1,295	477	24,404	176	10.24	212	2,714	12.80	27,118
1934	1,160	485	30,195	200	12.46	215	7,129	33.16	37,324
Mississippi:									
1911–1915	2,946	1,152	60,859	187	10.63	512	11,212	22.38	72,071
1916–1920	2,858	960	123,065	161	25.15	426	23,657	54.50	146,722
1921–1925	3,016	1,099	123,276	170	23.20	488	16,464	35.22	139,740
1926–1930	3,822	1,619	127,361	203	15.87	719	22,018	30.92	149,374
1929	4,037	1,915	163,200	227	17.05	851	27,717	32.57	191,007
1930	4,142	1,464	71,605	169	9.78	650	14,534	22.30	86,139
1931	3,994	1,761	54,245	211	6.16	783	7,658	9.78	61,903
1932	3,839	1,180	40,230	147	6.82	524	6,388	12.19	46,618
1933	2,859	1,159	60,918	194	10.51	515	7,941	15.42	68,859
1934	2,485	1,143	71,419	220	12.50	508	18,191	35.81	89,610
Missouri:									
1911–1915	111	70	3,348	298	9.83	31	721	23.95	4,069
1916–1920	122	66	7,537	259	23.43	29	1,554	54.84	9,091
1921–1925	316	168	16,353	274	20.45	74	2,703	38.16	19,116
1926–1930	368	174	12,165	224	14.51	77	2,080	27.81	14,245
1929	353	224	18,486	303	16.51	99	3,117	31.48	21,603
1930	380	156	6,768	193	8.68	69	1,419	20.57	8,187
1931	368	301	7,269	392	4.83	134	1,265	9.44	8,534
1932	418	316	9,316	362	5.89	141	1,373	9.74	10,689
1933	356	253	12,133	340	9.59	112	1,301	11.62	13,434
1934	316	242	14,941	366	12.37	107	3,246	30.34	18,187
New Mexico:									
1924–1925	108	62	6,142	273	21.60	27	502	32.99	6,644
1926–1930	120	84	6,622	339	15.88	37	967	25.92	7,589
1929	133	90	7,860	325	17.38	40	1,072	26.79	8,932
1930	128	100	5,068	375	10.09	45	898	19.96	5,966
1931	117	101	2,904	412	5.76	45	410	9.12	3,314
1932	112	72	2,368	307	6.59	32	274	8.57	2,642
1933	96	94	4,872	468	10.37	42	474	11.29	5,346
1934	90	89	5,782	474	12.99	40	1,431	35.77	7,213
North Carolina:									
1911–1915	1,364	872	45,212	304	10.53	386	9,219	24.69	54,431
1916–1920	1,425	783	96,408	263	24.63	347	19,889	58.37	116,297
1921–1925	1,541	911	103,415	284	22.52	404	15,469	38.20	118,884
1926–1930	1,614	882	67,444	260	15.44	392	11,785	30.42	79,229
1929	1,635	743	61,806	217	16.63	329	9,446	28.71	71,252
1930	1,448	771	36,807	254	9.55	342	7,500	21.93	44,307
1931	1,206	752	22,456	298	5.97	334	3,540	10.60	25,996
1932	1,251	660	23,509	252	7.12	293	3,539	12.08	27,048
1933	1,090	684	36,935	300	10.80	304	4,648	15.29	41,583
1934	961	629	38,741	316	12.31	279	10,128	36.30	48,869

[3] See note 1, p. 624.

No. 612.—Cotton and Cottonseed: Area, Production, and Farm Value, by States—Continued

Yearly average or year	Cotton					Cottonseed			Total farm value
	Acres	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound [3]	Quantity	Farm value	Farm price per ton [3]	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
Oklahoma:									
1911–1915	2,721	957	46,122	170	9.96	425	7,836	19.71	53,957
1916–1920	2,823	942	107,206	161	23.60	419	19,417	49.64	126,623
1921–1925	3,481	993	106,275	129	21.55	441	13,708	31.28	119,983
1926–1930	4,052	1,202	88,123	141	14.81	534	14,478	28.14	102,601
1929	4,114	1,143	91,927	133	16.09	508	15,692	30.89	107,619
1930	3,920	854	37,174	104	8.71	379	8,706	22.97	45,880
1931	3,376	1,261	31,906	179	5.06	661	4,881	8.70	36,787
1932	3,108	1,084	32,891	167	6.07	482	4,227	8.77	37,118
1933	2,915	1,266	61,072	208	9.65	563	6,413	11.39	67,485
1934	2,708	317	18,678	56	11.77	141	4,987	35.37	23,665
South Carolina:									
1911–1915	2,436	1,375	71,839	268	10.61	810	14,281	24.15	86,120
1916–1920	2,591	1,358	173,767	250	25.28	602	34,718	58.61	208,485
1921–1925	1,962	743	83,732	181	22.75	329	12,551	38.60	96,283
1926–1930	2,051	859	65,158	200	15.68	381	11,244	30.52	76,402
1929	1,974	830	69,600	201	16.77	368	10,138	27.55	79,738
1930	1,951	1,001	48,293	245	9.65	444	9,497	21.39	57,790
1931	1,759	1,005	30,393	273	6.05	446	4,741	10.63	35,134
1932	1,661	716	25,820	205	7.21	318	3,940	12.39	29,760
1933	1,379	735	39,474	255	10.74	326	5,826	17.87	45,300
1934	1,302	681	42,070	250	12.35	302	10,960	36.29	53,030
Tennessee:									
1911–1915	776	359	18,487	220	10.49	159	3,654	23.55	22,141
1916–1920	808	318	37,488	188	24.12	141	7,606	54.60	45,094
1921–1925	927	358	37,890	188	21.95	159	5,546	36.26	43,436
1926–1930	1,042	426	32,077	196	15.02	189	5,523	29.23	37,600
1929	1,043	515	43,108	236	16.74	229	6,991	30.53	50,099
1930	1,126	378	17,064	160	9.04	168	3,511	20.90	20,575
1931	1,052	595	15,849	271	5.33	264	2,310	8.75	18,159
1932	1,062	480	14,725	216	6.14	213	2,160	10.14	16,885
1933	884	443	22,611	240	10.20	197	2,618	13.29	25,229
1934	744	404	24,360	260	12.05	180	6,237	34.65	30,597
Texas:									
1911–1915	11,458	4,180	213,939	175	10.32	1,859	34,699	19.27	248,638
1916–1920	11,526	3,398	404,395	141	24.76	1,512	71,731	50.04	476,126
1921–1925	14,325	3,774	426,323	125	21.95	1,679	55,593	32.56	481,916
1926–1930	16,668	4,612	354,493	132	15.39	2,054	58,025	28.51	412,518
1929	16,876	3,940	332,701	112	16.89	1,755	55,634	31.70	388,335
1930	16,138	4,037	193,984	120	9.61	1,798	40,797	22.69	234,781
1931	14,754	5,319	148,155	173	5.57	2,370	22,396	9.45	170,551
1932	13,334	4,500	140,169	162	6.23	2,006	18,174	9.06	158,343
1933	11,488	4,428	218,208	185	9.86	1,973	27,168	13.77	245,466
1934	10,297	2,406	150,469	112	12.51	1,071	37,817	35.31	188,286
Virginia:									
1911–1915	43	24	1,310	272	10.84	11	298	28.40	1,608
1916–1920	45	25	3,028	262	24.74	11	618	57.34	3,646
1921–1925	76	41	4,816	259	22.60	18	729	39.30	5,545
1926–1930	83	47	3,469	269	15.08	21	661	32.30	4,130
1929	88	51	4,287	280	16.67	23	691	30.06	4,978
1930	90	46	2,199	243	9.59	20	444	22.21	2,643
1931	70	46	1,298	317	5.59	21	216	10.28	1,514
1932	70	34	1,097	233	6.42	15	164	10.91	1,261
1933	65	37	1,907	275	10.52	17	252	14.80	2,219
1934	53	35	2,112	290	12.08	16	529	33.08	2,641
Other States:									
1926–1930	25	10	690	183	14.83	4	117	29.00	807
1929	21	10	853	238	16.68	5	141	30.75	994
1930	19	7	308	173	8.97	3	65	20.97	373
1931	17	13	336	361	5.30	6	52	9.12	388
1932	20	16	486	393	6.07	7	72	10.29	558
1933	23	15	730	311	9.72	7	87	13.26	817
1934	28	16	1,012	282	12.24	7	244	33.50	1,256

[3] See note 1, p. 624.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 613.—CORN: Acreage Production and Farm Value, by States

Note.—Weight of a bushel of corn, 56 pounds. This table covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing the ears, as well as that husked and snapped for grain

Division and State	Acreage harvested			Production			Yield per acre			Farm value [1]		Price received by producers, 1934 [2 3]
	1932	1933	1934 [2]	1932	1933	1934 [2]	1932	1933	1934 [2]	1933	1934 [2]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*Bus.*	*Bus.*	*Bus.*	*1,000 dollars*	*1,000 dollars*	*Cts. per bu.*
United States	108,668	103,260	97,486	2,906,873	2,351,658	1,380,718	26.8	22.8	15.8	1,227,221	1,168,961	85
New England	195	196	197	7,979	7,814	8,144	40.9	39.7	41.3	5,770	7,961	98
Maine	16	17	16	656	697	656	41.0	41.0	41.0	431	663	101
N. Hampshire	14	15	15	560	600	615	40.0	40.0	41.0	462	640	104
Vermont	64	63	67	2,624	2,520	2,814	41.0	40.0	42.0	1,638	2,898	103
Massachusetts	38	38	37	1,520	1,520	1,517	40.0	40.0	41.0	1,216	1,396	92
Rhode Island	9	10	10	351	410	410	39.0	41.0	41.0	361	381	93
Connecticut	54	53	52	2,268	2,067	2,132	42.0	39.0	41.0	1,612	1,983	93
Middle Atlantic	2,003	2,018	1,999	73,770	74,440	81,320	36.8	36.9	40.7	46,931	70,013	86
New York	583	571	617	20,405	17,701	21,286	35.0	31.0	34.5	11,506	19,370	91
New Jersey	165	167	166	6,930	6,179	7,138	42.0	37.0	43.0	4,078	6,210	87
Pennsylvania	1,255	1,280	1,216	46,436	50,560	52,896	37.0	39.5	43.5	31,347	44,433	84
E. N. Central	21,016	19,595	17,658	825,252	585,000	440,413	39.3	29.9	24.9	293,137	357,482	81
Ohio	3,433	3,364	2,927	121,872	112,694	92,200	35.5	33.5	31.5	56,347	72,838	79
Indiana	4,639	4,314	3,796	173,962	127,263	94,141	37.5	29.5	24.8	59,814	75,313	80
Illinois	9,353	8,324	7,159	402,179	224,748	146,760	43.0	27.0	20.5	112,374	121,811	83
Michigan	1,407	1,365	1,392	46,431	42,315	33,408	33.0	31.0	24.0	23,273	28,397	85
Wisconsin	2,184	2,228	2,384	80,808	77,980	73,904	37.0	35.0	31.0	41,329	59,123	80
W. N. Central	47,706	44,872	32,763	1,393,502	1,115,596	354,146	29.2	24.9	10.8	513,567	309,723	87
Minnesota	4,945	4,846	4,507	180,492	142,957	76,619	36.5	29.5	17.0	62,901	63,594	83
Iowa	11,849	11,375	8,760	509,507	455,000	201,480	43.0	40.0	23.0	227,500	171,258	85
Missouri	6,472	6,019	4,815	197,396	141,446	26,482	30.5	23.5	5.5	63,651	26,482	100
N. Dakota	1,404	1,334	1,401	26,676	20,010	4,904	19.0	15.0	3.5	8,604	4,561	93
S. Dakota	5,030	3,873	2,827	73,941	41,054	12,722	14.7	10.6	4.5	19,295	12,213	96
Nebraska	10,644	10,431	6,676	269,293	234,698	21,363	25.3	22.5	3.2	96,226	20,722	97
Kansas	7,362	6,994	3,777	136,197	80,431	10,576	18.5	11.5	2.8	35,390	10,893	103
South Atlantic	11,158	11,118	11,294	155,896	182,417	183,781	14.0	16.4	16.3	127,905	157,775	86
Delaware	147	145	141	4,263	3,625	4,864	29.0	25.0	34.5	2,175	3,843	79
Maryland	548	560	515	16,440	16,240	16,995	30.0	29.0	33.0	9,906	14,276	84
Virginia	1,496	1,571	1,461	26,928	36,918	35,794	18.0	23.5	24.5	25,104	30,425	85
West Virginia	446	464	441	11,150	13,920	12,128	25.0	30.0	27.5	9,605	10,430	86
N. Carolina	2,322	2,302	2,440	34,830	44,252	47,580	15.0	18.5	19.5	32,304	41,395	87
S. Carolina	1,656	1,573	1,730	17,885	22,808	20,760	10.8	14.5	12.0	17,106	19,307	93
Georgia	3,856	3,740	3,927	38,560	39,270	39,270	10.0	10.5	10.0	27,882	32,937	84
Florida	687	673	639	5,840	5,384	6,390	8.5	8.0	10.0	3,823	5,112	80
E. S. Central	11,376	10,968	11,432	198,547	207,038	209,797	17.3	18.9	18.4	133,818	169,184	81
Kentucky	2,811	2,727	2,618	67,404	68,175	62,832	24.0	25.0	24.0	39,542	49,637	79
Tennessee	2,927	2,810	2,641	59,418	66,035	58,894	20.3	23.5	22.3	39,621	46,526	79
Alabama	3,224	3,031	3,425	37,076	36,978	47,950	11.5	12.2	14.0	28,843	39,319	82
Mississippi	2,414	2,390	2,748	32,589	35,850	40,121	13.5	15.0	14.6	25,812	33,702	86
W. S. Central	12,249	11,494	10,621	222,266	139,032	89,163	18.1	12.1	8.4	86,564	83,063	93
Arkansas	1,993	2,013	2,053	35,874	27,176	15,398	18.0	13.5	7.5	17,936	14,782	96
Louisiana	1,261	1,198	1,354	17,906	15,574	16,248	14.2	13.0	12.0	10,435	14,461	89
Oklahoma	3,288	2,861	2,117	65,760	21,458	11,644	20.0	7.5	5.5	11,802	11,178	96
Texas	5,707	5,422	5,097	102,726	74,824	45,873	18.0	13.8	9.0	46,391	42,662	93
Mountain	2,767	2,797	1,338	25,675	33,548	8,130	9.3	12.0	6.1	15,191	8,269	102
Montana	215	215	133	2,580	2,472	665	12.0	11.5	5.0	1,409	652	98
Idaho	55	50	38	2,255	1,950	1,520	41.0	39.0	40.0	1,112	1,383	91
Wyoming	228	226	131	2,052	2,486	655	9.0	11.0	5.0	1,019	714	109
Colorado	1,909	2,004	842	14,318	22,044	3,368	7.5	11.0	4.0	8,818	3,435	102
New Mexico	297	238	136	3,267	3,332	1,088	11.0	14.0	8.0	1,899	1,197	110
Arizona	41	41	35	615	738	490	15.0	18.0	14.0	554	534	109
Utah	20	21	19	540	483	304	27.0	23.0	16.0	348	310	102
Nevada	2	2	2	48	44	40	24.0	22.0	20.0	32	44	109
Pacific	198	212	186	5,986	6,772	5,824	30.2	31.9	31.3	4,336	5,471	94
Washington	38	41	34	1,311	1,558	1,122	34.5	38.0	33.0	904	931	83
Oregon	65	71	57	2,015	2,414	1,852	31.0	34.0	32.5	1,642	1,519	82
California	95	100	95	2,660	2,800	2,850	28.0	28.0	30.0	1,792	3,021	106

[1] Basis weighted average price for the crop-marketing season.
[2] Preliminary.
[3] Weighted average price per bushel for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 614.—WHEAT: Acreage, Production, and Farm Value, by States

Note.—Weight of a bushel of wheat, 60 pounds

Division and State	Acreage harvested			Production			Yield per acre			Farm value [1]		Price received by producers, 1934 [2 3]
	1932	1933	1934 [2]	1932	1933	1934 [2]	1932	1933	1934 [2]	1933	1934 [2]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 bus.*	*1,000 bus.*	*1,000 bus.*	*Bus.*	*Bus.*	*Bus.*	*1,000 dollars*	*1,000 dollars*	*Cts. per bu.*
United States	57,114	47,910	42,235	745,788	528,975	496,469	13.1	11.0	11.8	391,778	436,872	88
New England	3	5	5	66	120	120	22.0	24.0	24.0	154	180	150
Maine	3	5	5	66	120	120	22.0	24.0	24.0	154	180	150
Middle Atlantic	1,149	1,159	1,178	18,601	21,351	20,302	16.2	18.4	17.2	18,684	19,393	96
New York	201	233	260	4,086	4,512	4,416	20.3	19.4	17.0	3,971	4,416	100
New Jersey	50	48	49	1,050	1,056	1,127	21.0	22.0	23.0	982	1,104	98
Pennsylvania	898	878	869	13,465	15,783	14,759	15.0	18.0	17.0	13,731	13,873	94
East South Central	5,517	6,058	6,303	99,816	100,208	107,815	18.1	16.5	17.1	85,713	98,089	91
Ohio	1,585	1,833	1,740	32,456	34,812	33,401	20.5	19.0	19.2	30,635	30,729	92
Indiana	1,468	1,580	1,808	23,502	22,905	32,152	16.0	14.5	17.8	19,698	28,937	90
Illinois	1,652	1,721	1,854	24,978	27,418	29,495	15.1	15.9	15.9	23,305	26,546	90
Michigan	702	818	793	16,771	13,457	11,120	23.9	16.5	14.0	10,766	10,230	92
Wisconsin	110	104	108	2,109	1,616	1,647	19.2	15.5	15.2	1,309	1,647	100
West North Central	30,378	23,796	17,963	352,922	201,902	154,175	11.6	8.5	8.6	145,983	140,643	91
Minnesota	1,462	1,629	1,242	20,839	16,665	12,534	14.3	10.2	10.1	12,832	12,910	103
Iowa	273	251	287	4,360	4,303	3,028	15.9	17.1	10.6	3,356	2,786	92
Missouri	1,404	1,359	1,522	15,733	16,989	21,281	11.2	12.5	14.0	13,931	18,727	88
North Dakota	10,639	10,098	3,782	110,396	72,115	21,196	10.4	7.1	5.6	50,480	21,408	101
South Dakota	3,958	1,248	151	53,468	5,120	598	13.5	4.1	4.0	3,533	580	97
Nebraska	2,277	2,437	2,310	27,958	29,206	15,838	12.3	12.0	6.9	21,028	14,096	89
Kansas	10,365	6,774	8,669	120,178	57,504	79,700	11.6	8.5	9.2	40,828	70,136	88
South Atlantic	1,684	1,688	1,790	18,412	21,605	25,400	10.9	12.8	14.2	20,369	24,984	98
Delaware	79	83	81	908	1,162	1,539	11.5	14.0	19.0	1,046	1,416	92
Maryland	380	395	387	4,940	6,320	7,934	13.0	16.0	20.5	5,751	7,379	93
Virginia	579	550	578	6,253	7,425	8,092	10.8	13.5	14.0	6,905	7,849	97
West Virginia	116	128	141	1,276	1,856	1,974	11.0	14.5	14.0	1,652	1,935	98
North Carolina	376	391	434	3,672	3,714	4,340	9.5	9.5	10.0	3,825	4,687	108
South Carolina	80	74	85	760	592	765	9.5	8.0	9.0	622	864	113
Georgia	74	67	84	703	536	756	9.5	8.0	9.0	568	854	113
East South Central	543	565	638	5,479	6,251	7,708	10.0	11.1	12.1	5,902	7,339	95
Kentucky	270	275	308	2,835	3,300	4,250	10.5	12.0	13.8	3,069	3,910	92
Tennessee	272	286	323	2,584	2,917	3,392	9.5	10.2	10.5	2,800	3,358	99
Alabama	6	4	7	60	34	66	10.0	8.5	9.5	33	71	108
West South Central	7,327	5,095	6,451	76,133	45,773	63,394	10.4	9.0	9.8	32,005	51,770	82
Arkansas	31	27	33	248	216	297	8.0	8.0	9.0	186	288	97
Oklahoma	3,966	3,093	3,557	47,592	31,549	37,348	12.0	10.2	10.5	21,453	30,626	82
Texas	3,330	1,973	2,861	28,293	14,008	25,749	8.5	7.1	9.0	10,366	20,857	81
Mountain	6,719	5,854	4,668	102,825	58,995	58,881	15.3	10.1	12.6	36,416	49,128	83
Montana	4,070	3,551	2,572	55,610	26,480	28,174	13.7	7.5	11.0	16,682	25,357	90
Idaho	1,100	959	906	28,360	17,235	18,696	25.8	18.0	20.6	9,479	13,461	72
Wyoming	277	234	130	3,102	2,138	1,041	11.2	9.1	8.0	1,326	906	87
Colorado	680	548	650	7,135	5,912	5,776	10.5	10.8	8.9	3,843	4,967	86
New Mexico	276	245	125	2,027	1,485	711	7.3	6.1	5.7	1,069	640	90
Arizona	38	46	50	798	1,288	1,000	21.0	28.0	20.0	1,030	840	84
Utah	260	254	220	5,332	4,079	3,147	20.5	16.1	14.3	2,692	2,675	85
Nevada	18	17	15	461	378	336	25.6	22.2	22.4	295	282	84
Pacific	3,789	3,694	3,239	71,534	72,770	53,674	18.9	19.7	16.1	46,547	45,348	77
Washington	2,203	2,136	1,883	40,348	43,044	37,346	18.3	20.2	19.8	25,826	28,756	77
Oregon	991	903	832	20,060	17,608	12,944	20.2	19.5	15.6	11,209	9,967	77
California	595	655	524	11,126	12,118	8,384	18.7	18.5	16.0	9,452	6,623	79

[1] Basis weighted average price for the crop-marketing season.
[2] Preliminary.
[3] Weighted average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 615.—OATS: Acreage, Production, and Farm Value, by States

Note.—Weight of a bushel of oats, 32 pounds

Division and State	Acreage harvested			Production			Yield per acre			Farm value [1]		Price received by producers,
	1932	1933	1934 [2]	1932	1933	1934 [2]	1932	1933	1934 [2]	1933	1934 [2]	1934 [2 3]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*Bus.*	*Bus.*	*Bus.*	*1,000 dollars*	*1,000 dollars*	*Cts. per bu.*
United States	41,420	38,701	30,395	1,246,548	731,500	528,815	30.1	19.9	17.4	244,128	259,398	49
New England	216	211	202	7,810	7,468	7,246	36.2	35.4	35.9	3,302	4,048	56
Maine	130	130	117	4,940	5,200	4,680	38.0	40.0	40.0	2,132	2,387	51
New Hampshire	8	6	7	312	228	273	39.0	38.0	39.0	128	177	65
Vermont	62	59	61	2,046	1,593	1,769	33.0	27.0	29.0	796	1,150	65
Massachusetts	5	5	5	165	150	160	33.0	30.0	32.0	84	102	64
Rhode Island	2	2	2	68	72	64	34.0	36.0	32.0	40	41	64
Connecticut	9	9	10	279	225	300	31.0	25.0	30.0	122	189	63
Middle Atlantic	1,848	1,789	1,786	51,891	38,810	49,775	28.1	21.7	27.9	17,256	27,083	54
New York	863	820	836	26,753	16,810	23,408	31.0	20.5	28.0	7,564	13,108	56
New Jersey	41	44	44	1,066	1,188	1,452	26.0	27.0	33.0	535	770	53
Pennsylvania	944	925	906	24,072	20,812	24,915	25.5	22.5	27.5	9,157	13,205	53
East North Central	11,863	10,580	9,144	395,456	221,009	171,607	33.3	20.9	18.8	74,197	82,020	48
Ohio	1,591	1,273	1,209	45,344	26,096	25,994	28.5	20.5	21.5	9,134	12,477	48
Indiana	1,965	1,690	1,350	58,950	28,730	18,225	30.0	17.0	13.5	9,194	8,201	45
Illinois	4,439	4,039	3,029	166,462	78,760	33,319	37.5	19.5	11.0	25,203	15,327	46
Michigan	1,335	1,121	1,222	36,045	23,541	28,717	27.0	21.0	23.5	8,945	14,646	51
Wisconsin	2,533	2,457	2,334	88,655	63,882	65,352	35.0	26.0	28.0	21,720	31,369	48
West North Central	21,101	18,644	13,506	647,245	349,337	184,470	30.7	18.7	13.7	104,110	88,120	48
Minnesota	4,575	4,484	3,707	164,700	96,406	72,703	36.0	21.5	19.3	28,922	34,897	48
Iowa	6,181	6,243	4,900	219,426	143,589	61,250	35.5	23.0	12.5	41,641	28,788	47
Missouri	1,939	1,764	1,235	36,841	32,634	13,585	19.0	18.5	11.0	11,096	6,521	48
North Dakota	2,004	1,703	766	42,084	22,139	8,886	21.0	13.0	11.6	5,535	4,265	48
South Dakota	2,321	696	376	75,432	5,220	3,384	32.5	7.5	9.0	1,566	1,726	51
Nebraska	2,473	2,226	1,224	74,190	23,373	8,568	30.0	10.5	7.0	6,778	4,198	49
Kansas	1,608	1,528	1,238	34,572	25,976	16,094	21.5	17.0	13.0	8,572	7,725	48
South Atlantic	1,339	1,218	1,218	27,105	22,914	22,505	20.2	18.8	18.5	12,987	14,693	65
Delaware	4	3	4	104	87	132	26.0	29.0	33.0	42	73	55
Maryland	57	50	44	1,425	1,200	1,320	25.0	24.0	30.0	504	713	54
Virginia	166	168	123	3,237	3,360	2,398	19.5	20.0	19.5	1,512	1,295	54
West Virginia	133	120	108	2,926	2,280	2,052	22.0	19.0	19.0	1,049	1,129	55
North Carolina	205	205	207	4,305	3,382	3,519	21.3	16.5	17.0	1,894	2,252	64
South Carolina	389	370	388	7,974	7,215	6,506	20.5	19.5	17.0	4,545	4,603	71
Georgia	378	295	336	6,993	5,310	6,384	18.5	18.0	19.0	3,398	4,469	70
Florida	7	7	8	80	80	104	11.5	11.5	13.0	53	79	76
East South Central	417	321	340	6,256	5,136	5,728	15.0	16.0	16.8	2,489	3,397	59
Kentucky	162	122	110	2,349	1,952	1,650	14.5	16.0	15.0	859	825	50
Tennessee	124	109	89	1,910	1,744	1,335	15.4	16.0	15.0	802	694	52
Alabama	99	69	110	1,485	1,104	2,090	15.0	16.0	19.0	640	1,442	69
Mississippi	32	21	31	512	336	651	16.0	16.0	21.0	188	436	67
West South Central	3,217	2,469	2,998	67,884	44,195	55,162	21.1	17.9	18.4	15,622	25,262	46
Arkansas	114	103	132	1,596	1,648	2,046	14.0	16.0	15.5	709	1,269	62
Louisiana	20	16	20	300	261	600	15.0	16.3	25.0	120	315	63
Oklahoma	1,334	1,161	1,300	24,012	21,478	20,150	18.0	18.5	15.5	7,303	9,068	45
Texas	1,749	1,189	1,546	41,976	20,808	32,466	24.0	17.5	21.0	7,491	14,610	45
Mountain	956	942	687	25,986	21,210	17,366	27.2	22.5	25.3	6,693	8,104	47
Montana	403	383	306	10,075	6,511	7,334	25.0	17.0	24.0	2,084	3,378	46
Idaho	148	142	132	5,476	4,544	4,488	37.0	32.0	34.0	1,318	1,795	40
Wyoming	154	151	83	3,465	3,171	1,743	22.5	21.0	21.0	1,046	941	54
Colorado	141	162	97	3,736	4,131	2,280	26.5	25.5	23.5	1,193	1,186	52
New Mexico	40	38	23	920	836	345	23.0	22.0	15.0	351	210	61
Arizona	13	13	12	364	377	288	28.0	29.0	24.0	166	153	53
Utah	54	50	32	1,836	1,550	832	34.0	31.0	26.0	498	416	50
Nevada	3	3	2	114	90	46	38.0	30.0	23.0	34	25	54
Pacific	463	627	514	16,915	21,421	14,958	36.5	40.6	29.1	7,461	6,673	45
Washington	166	179	170	8,300	9,487	6,800	50.0	53.0	40.0	3,320	3,128	46
Oregon	223	259	246	6,802	9,842	5,904	30.5	38.0	24.0	3,346	2,598	44
California	74	89	98	1,813	2,092	2,254	24.5	23.5	23.0	795	947	42

[1] Basis weighted average price for the crop-marketing season.
[2] Preliminary.
[3] Weighted average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 616.—BARLEY AND RICE: ACREAGE, PRODUCTION, AND FARM VALUE, BY STATES

NOTE.—Weight of a bushel of barley, 48 pounds; rice (rough), 45 pounds

BARLEY

Division and State	Acreage harvested			Production			Yield per acre			Farm value [1]		Price received by producers, 1934 [2] [3]
	1932	1933	1934 [2]	1932	1933	1934 [2]	1932	1933	1934 [2]	1933	1934 [2]	
	1,000 acres	1,000 acres	1,000 acres	1,000 bus.	1,000 bus.	1,000 bus.	Bus.	Bus.	Bus.	1,000 dolls.	1,000 dolls.	Cts. per bu.
United States	13,946	10,009	7,144	302,042	155,825	118,929	22.6	15.6	16.6	67,531	84,439	71
New England	9	9	8	280	251	228	28.9	27.9	28.5	161	168	74
Maine	4	5	4	120	155	120	30.0	31.0	30.0	99	88	73
Vermont	5	4	4	140	96	108	28.0	24.0	27.0	62	80	74
Middle Atlantic	221	247	231	5,676	5,353	5,730	25.7	21.7	24.8	3,071	3,978	69
New York	151	165	162	3,926	3,300	3,969	26.0	20.0	24.5	1,881	2,818	71
New Jersey	1	1	1	25	28	27	25.0	28.0	27.0	16	16	61
Pennsylvania	69	81	68	1,725	2,025	1,734	25.0	25.0	25.5	1,174	1,144	66
East North Central	1,607	1,446	1,062	43,274	26,695	24,139	26.9	18.5	22.7	14,444	22,100	92
Ohio	90	44	19	1,890	660	332	21.0	15.0	17.5	304	189	57
Indiana	40	28	21	800	280	273	20.0	10.0	13.0	140	180	66
Illinois	371	319	93	10,574	4,785	884	28.5	15.0	9.5	2,392	698	79
Michigan	317	250	188	6,340	3,250	3,384	20.0	13.0	18.0	1,690	2,538	75
Wisconsin	789	805	741	23,670	17,710	19,266	30.0	22.0	26.0	9,918	18,495	96
West North Central	8,642	5,909	3,668	178,803	70,991	43,632	20.7	12.0	11.9	28,952	33,613	77
Minnesota	1,968	1,850	1,536	47,232	28,675	24,115	24.0	15.5	15.7	13,477	20,257	84
Iowa	604	586	457	15,100	9,376	5,712	25.0	16.0	12.5	4,125	4,341	76
Missouri	19	15	22	323	255	220	17.0	17.0	10.0	145	185	84
North Dakota	2,376	1,758	791	40,392	17,580	7,119	17.0	10.0	9.0	6,153	4,627	65
South Dakota	2,053	493	237	47,630	3,451	1,778	23.2	7.0	7.5	1,346	1,245	70
Nebraska	918	799	360	18,360	8,390	2,700	20.0	10.5	7.5	2,433	1,566	58
Kansas	704	408	265	9,856	3,264	1,988	14.0	8.0	7.5	1,273	1,392	70
South Atlantic	74	79	78	1,773	1,820	1,861	24.0	23.0	23.9	1,093	1,215	65
Maryland	21	23	22	609	598	627	29.0	26.0	28.5	311	370	59
Virginia	30	35	36	765	858	882	25.5	24.5	24.5	515	573	65
West Virginia	4	4	4	114	92	80	28.5	23.0	20.0	52	54	67
North Carolina	19	17	16	285	272	272	15.0	16.0	17.0	215	218	80
East South Central	30	33	29	524	654	533	17.5	19.8	18.4	413	394	74
Kentucky	10	12	10	200	276	210	20.0	23.0	21.0	160	139	66
Tennessee	20	21	19	324	378	323	16.2	18.0	17.0	253	255	79
West South Central	348	252	299	5,295	2,440	3,722	15.2	9.7	12.4	1,112	2,247	60
Oklahoma	138	80	110	1,725	720	1,265	12.5	9.0	11.5	338	797	63
Texas	210	172	189	3,570	1,720	2,457	17.0	10.0	13.0	774	1,450	59
Mountain	1,009	913	557	22,490	17,236	12,035	22.3	18.9	21.6	6,094	7,253	60
Montana	195	176	123	3,900	2,376	2,214	20.0	13.5	18.0	903	1,328	60
Idaho	163	143	134	5,868	4,147	4,288	36.0	29.0	32.0	1,451	2,230	52
Wyoming	127	89	43	2,540	1,602	774	20.0	18.0	18.0	625	542	70
Colorado	439	430	189	7,244	6,880	3,024	16.5	16.0	16.0	2,133	2,117	70
New Mexico	13	13	10	221	234	120	17.0	18.0	12.0	108	88	73
Arizona	21	20	22	735	700	638	35.0	35.0	29.0	343	338	53
Utah	44	37	31	1,716	1,147	837	39.0	31.0	27.0	459	527	63
Nevada	7	5	5	266	150	140	38.0	30.0	28.0	72	83	59
Pacific	1,406	1,121	1,212	43,857	30,395	27,049	31.2	27.1	22.3	12,191	13,471	50
Washington	64	74	59	1,920	2,590	1,770	30.0	35.0	30.0	1,036	974	55
Oregon	96	113	98	2,688	3,334	2,597	28.0	29.5	26.5	1,367	1,610	62
California	1,246	934	1,055	39,249	24,471	22,682	31.5	26.2	21.5	9,788	10,887	48

RICE (ROUGH)

United States	873	792	781	41,250	37,058	38,296	47.3	46.8	49.0	28,832	29,662	76
Arkansas	163	147	136	8,313	7,056	6,936	51.0	48.0	51.0	5,645	5,271	76
Louisiana	415	394	394	16,392	15,957	15,957	39.5	40.5	40.5	12,446	12,606	79
Texas	185	145	140	9,065	7,685	7,738	49.0	53.0	53.0	6,225	6,113	79
California	110	106	105	7,480	6,360	7,665	68.0	60.0	73.0	4,516	5,672	74

[1] For barley, basis weighted average price for the crop-marketing season and for rice, basis average price for the crop-marketing season for 1933 and Dec. 1 price for 1934.

[2] Preliminary.

[3] For barley, weighted average price for the crop-marketing season; for rice, Dec. 1 price.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 617.—RYE AND GRAIN SORGHUMS: ACREAGE, PRODUCTION, AND FARM VALUE, BY STATES

NOTE.—Weight of a bushel of rye, 56 pounds; grain sorghums, approximately 56 pounds

RYE

State	Acreage harvested			Production			Yield per acre			Farm value [1]		Price received by producers, 1934 [2 3]
	1932	1933	1934 [2]	1932	1933	1934 [2]	1932	1933	1934 [2]	1933	1934 [2]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 bus.*	*1,000 bus.*	*1,000 bus.*	*Bus.*	*Bus.*	*Bus.*	*1,000 dolls.*	*1,000 dolls.*	*Cts. per bu.*
United States	3,344	2,349	1,937	40,639	21,150	16,040	12.2	9.0	8.3	13,071	11,961	75
New York	18	16	20	279	240	250	15.5	15.0	12.5	178	210	84
New Jersey	22	22	19	374	352	342	17.0	16.0	18.0	257	267	78
Pennsylvania	124	119	112	1,550	1,606	1,344	12.5	13.5	12.0	1,092	968	72
Ohio	44	55	63	572	688	819	13.0	12.5	13.0	427	573	70
Indiana	89	97	130	1,024	970	1,495	11.5	10.0	11.5	630	1,032	69
Illinois	45	50	60	562	625	630	12.5	12.5	10.5	425	472	75
Michigan	158	125	146	2,133	1,312	1,314	13.5	10.5	9.0	761	880	67
Wisconsin	254	226	221	3,048	2,200	1,768	12.0	10.0	8.0	1,356	1,291	73
Minnesota	310	291	291	4,960	3,638	2,474	16.0	12.5	8.5	2,256	1,781	72
Iowa	41	33	41	594	429	348	14.5	13.0	8.5	270	271	78
Missouri	12	11	15	90	82	120	7.5	7.5	8.0	62	108	90
North Dakota	1,099	550	198	12,089	3,575	1,030	11.0	6.5	5.2	1,966	690	67
South Dakota	475	190	82	7,125	760	328	15.0	4.0	4.0	426	233	71
Nebraska	283	214	182	2,830	1,712	728	10.0	8.0	4.0	839	597	82
Kansas	19	16	22	209	128	176	11.0	8.0	8.0	76	150	85
Delaware	7	5	6	88	52	90	12.5	10.5	15.0	48	76	84
Maryland	19	17	20	228	221	300	12.0	13.0	15.0	177	231	77
Virginia	58	55	50	580	578	550	10.0	10.5	11.0	480	478	87
West Virginia	15	12	12	128	144	120	8.5	12.0	10.0	107	95	79
North Carolina	64	60	66	512	420	495	8.0	7.0	7.5	395	495	100
South Carolina	9	7	8	72	49	60	8.0	7.0	7.5	61	82	136
Georgia	14	13	13	88	72	84	6.3	5.5	6.5	74	97	115
Kentucky	13	12	12	117	132	138	9.0	11.0	11.5	106	115	83
Tennessee	19	16	15	114	104	82	6.0	6.5	5.5	94	77	94
Oklahoma	6	5	6	60	38	54	10.0	7.5	9.0	26	47	87
Texas	3	2	3	27	12	33	9.0	6.0	11.0	9	23	71
Montana	40	50	35	520	350	210	13.0	7.0	6.0	140	126	60
Idaho	4	3	4	48	33	36	12.0	11.0	9.0	16	23	64
Wyoming	24	23	16	156	126	72	6.5	5.5	4.5	55	55	77
Colorado	25	18	32	150	117	176	6.0	6.5	5.5	57	141	80
Utah	3	3	3	24	21	15	8.0	7.0	5.0	13	11	76
Washington	12	12	14	96	84	119	8.0	7.0	8.5	51	86	72
Oregon	21	21	20	242	220	240	11.5	10.5	12.0	141	180	75

GRAIN SORGHUMS [4]

United States	7,864	8,149	7,569	106,306	88,062	34,542	13.5	10.8	4.6	44,911	28,415	82
Missouri	104	88	119	1,716	1,408	833	16.5	16.0	7.0	788	758	91
Nebraska	22	37	74	330	574	148	15.0	15.5	2.0	350	191	129
Kansas	1,328	1,607	1,205	17,264	16,070	3,615	13.0	10.0	3.0	6,107	2,422	67
Oklahoma	1,602	1,400	1,232	15,219	11,900	7,392	9.5	8.5	6.0	5,593	5,914	80
Texas	4,066	4,228	4,482	63,008	46,508	17,928	15.5	11.0	4.0	26,975	15,239	85
Colorado	206	284	102	1,236	2,130	306	6.0	7.5	3.0	724	318	104
New Mexico	392	372	242	3,763	5,208	1,694	9.6	14.0	7.0	2,187	1,525	90
Arizona	30	35	35	780	1,050	910	26.0	30.0	26.0	441	710	78
California	115	98	78	2,990	3,234	1,716	26.0	33.0	22.0	1,746	1,338	78

[1] Based on weighted average price for the crop-marketing season except value of grain sorghums for 1934 which is based on Dec. 1 prices.
[2] Preliminary.
[3] Weighted average price for the crop-marketing season for rye; Dec. 1 price for grain sorghums.
[4] For all purposes; production includes grain equivalent on forage acreage.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 618.—POTATOES: Acreage, Production, and Farm Value, by States

Note.—Weight of a bushel of potatoes, 60 pounds

Division and State	Acreage harvested			Production			Yield per acre			Farm value[1]		Price received by producers, 1934[2 3]
	1932	1933	1934[2]	1932	1933	1934[2]	1932	1933	1934[2]	1933	1934[2]	
United States	*1,000 acres* 3,379	*1,000 acres* 3,194	*1,000 acres* 3,303	*1,000 bus.* 367,871	*1,000 bus.* 320,203	*1,000 bus.* 385,287	*Bus.* 108	*Bus.* 100	*Bus.* 117	*1,000 dolls.* 263,680	*1,000 dolls.* 199,251	*Cts. per bu.* 52
New England	221	203	227	48,350	50,165	66,390	219	247	292	39,141	19,724	30
Maine	170	150	168	40,460	42,000	56,280	238	280	335	29,400	13,507	24
New Hampshire	8	8	9	1,320	1,440	1,665	165	180	185	1,541	1,016	61
Vermont	16	15	16	2,320	1,950	2,720	145	130	170	2,048	1,360	50
Massachusetts	13	15	16	1,950	2,325	2,560	150	155	160	3,162	1,741	68
Rhode Island	2	2	3	320	370	540	160	185	180	536	394	73
Connecticut	12	13	15	1,980	2,080	2,625	165	160	175	2,454	1,706	65
Middle Atlantic	450	433	460	58,955	53,173	75,600	127	123	164	58,930	39,537	52
New York	210	200	210	28,350	24,600	32,550	135	123	155	25,338	15,950	49
New Jersey	45	44	50	7,155	7,216	9,050	159	164	181	9,886	4,887	54
Pennsylvania	195	189	200	21,450	21,357	34,000	110	113	170	23,706	18,700	55
East North Central	752	721	752	74,453	50,240	85,973	99	70	114	41,227	40,940	48
Ohio	117	112	109	11,583	8,064	11,445	99	72	105	9,032	8,240	72
Indiana	61	57	62	5,490	3,192	6,200	90	56	100	3,160	3,658	59
Illinois	54	48	52	4,860	1,584	2,704	90	33	52	2,028	2,569	95
Michigan	260	265	268	29,900	20,670	34,304	115	78	128	15,296	12,692	37
Wisconsin	260	239	261	22,620	16,730	31,320	87	70	120	11,711	13,781	44
West North Central	932	832	784	71,673	53,461	41,771	78	64	53	38,381	23,866	57
Minnesota	379	334	334	29,562	22,712	23,380	78	68	70	13,854	10,053	43
Iowa	74	75	77	8,140	5,100	4,851	110	68	63	5,355	4,075	84
Missouri	56	54	46	5,600	2,808	1,380	100	52	30	3,005	1,242	90
North Dakota	161	150	132	9,338	9,300	5,940	58	62	45	5,580	3,148	53
South Dakota	73	62	43	5,110	2,480	1,290	70	40	30	1,686	1,064	84
Nebraska	135	115	115	8,775	8,625	3,450	65	75	30	6,124	3,036	88
Kansas	44	42	37	5,148	2,436	1,480	117	58	40	2,777	1,228	83
South Atlantic	297	295	338	27,120	26,591	38,447	91	90	114	25,690	27,192	71
Delaware	6	6	6	516	444	720	86	74	120	448	432	60
Maryland	31	30	33	2,852	2,850	3,267	92	95	99	2,964	1,764	54
Virginia	94	93	101	9,682	8,649	13,433	103	93	133	8,563	8,060	60
West Virginia	41	37	40	3,485	2,331	3,120	85	63	78	2,564	2,746	88
North Carolina	68	77	92	6,596	7,315	10,672	97	95	116	6,364	6,830	64
South Carolina	17	16	21	1,445	1,744	2,625	85	109	125	1,570	2,336	89
Georgia	17	18	20	1,003	1,026	1,360	59	57	68	985	1,319	97
Florida	23	18	25	1,541	2,232	3,250	67	124	130	2,232	3,705	114
East South Central	181	161	180	11,603	10,766	13,804	72	67	77	9,865	11,527	83
Kentucky	60	62	64	4,620	4,092	4,480	77	66	70	4,215	3,584	80
Tennessee	51	54	60	3,519	3,564	4,320	69	66	72	3,350	3,768	87
Alabama	36	32	40	2,484	2,304	3,760	69	72	94	1,567	3,083	82
Mississippi	14	13	16	980	806	1,344	70	62	84	733	1,102	82
West South Central	181	173	179	12,049	11,082	12,112	67	64	68	9,520	9,304	77
Arkansas	37	39	41	2,627	2,613	2,024	71	67	64	2,247	1,417	54
Louisiana	40	41	44	2,160	2,337	2,948	54	57	67	1,776	2,152	73
Oklahoma	42	36	40	3,108	2,484	2,760	74	69	69	2,360	1,766	64
Texas	62	57	54	4,154	3,648	3,780	67	64	70	3,137	3,969	105
Mountain	280	263	253	37,859	43,185	29,470	135	164	118	25,528	15,329	52
Montana	22	23	23	2,244	1,955	1,610	102	85	70	1,271	1,208	75
Idaho	99	95	104	19,800	21,850	19,240	200	230	185	11,362	8,658	45
Wyoming	33	31	25	1,485	3,100	1,000	45	100	40	2,046	810	81
Colorado	100	87	76	11,000	13,050	5,700	110	150	75	7,960	3,306	58
New Mexico	8	8	7	510	640	490	85	80	70	838	406	95
Arizona	3	3	3	270	240	180	90	80	60	259	187	104
Utah	15	14	13	2,250	2,100	1,040	150	150	80	1,617	572	55
Nevada	2	2	2	300	250	210	150	125	105	175	122	58
Pacific	115	113	130	17,809	21,540	21,620	155	191	166	15,398	11,332	55
Washington	40	41	45	6,400	7,380	7,290	160	180	162	5,018	3,864	53
Oregon	42	39	44	5,040	6,240	5,720	120	160	130	3,806	3,146	55
California	33	33	41	6,369	7,920	8,610	193	240	210	6,574	4,322	56

[1] Based on weighted average price for the crop-marketing season.
[2] Preliminary.
[3] Weighted average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 619.—SWEETPOTATOES AND TOBACCO: ACREAGE, PRODUCTION, AND FARM VALUE, BY STATES

SWEETPOTATOES

NOTE.—Weight of a bushel of sweetpotatoes, 54 pounds

State	Acreage harvested			Production			Yield per acre			Farm value [1]		Price received by producers, 1934 [1 3]
	1932	1933	1934 [2]	1932	1933	1934 [2]	1932	1933	1934 [2]	1933	1934 [2]	
United States	*1,000 acres* 926	*1,000 acres* 759	*1,000 acres* 762	*1,000 bushels* 78,431	*1,000 bushels* 65,134	*1,000 bushels* 67,400	*Bus.* 85	*Bus.* 86	*Bus.* 88	*1,000 dolls.* 45,411	*1,000 dolls.* 54,389	*Cts. per bu.* 81
New Jersey	12	12	13	1,560	2,100	2,015	130	175	155	1,680	1,793	89
Indiana	4	4	4	440	400	440	110	100	110	388	418	95
Illinois	7	6	7	735	420	560	105	70	80	374	448	80
Iowa	3	3	3	300	270	180	100	90	60	356	236	131
Missouri	10	10	11	900	750	561	90	75	51	652	539	96
Kansas	6	5	5	720	490	325	120	98	65	466	396	122
Delaware	7	7	6	805	910	810	115	130	135	701	567	70
Maryland	8	6	5	888	960	750	111	160	150	643	592	79
Virginia	38	35	34	3,610	3,335	3,910	95	111	116	2,504	2,972	76
North Carolina	94	85	82	7,990	7,905	8,856	85	93	108	5,217	6,819	77
South Carolina	66	56	54	6,072	4,648	4,428	92	83	82	2,928	3,144	71
Georgia	109	95	89	8,938	7,600	7,120	82	80	80	5,168	6,622	93
Florida	25	21	20	1,500	1,470	1,800	60	70	90	1,102	728	96
Kentucky	25	20	19	2,200	1,840	1,805	88	92	95	1,454	1,264	70
Tennessee	75	50	60	6,600	4,500	6,180	88	90	103	3,330	4,079	66
Alabama	101	76	81	8,585	5,396	7,614	85	71	94	3,831	6,624	87
Mississippi	79	63	71	7,900	5,670	7,526	100	90	106	3,686	5,946	79
Arkansas	38	28	27	2,660	2,380	1,620	70	85	60	1,571	1,393	86
Louisiana	84	74	80	5,544	5,180	5,840	66	70	73	3,367	4,263	73
Oklahoma	22	15	14	1,584	1,170	770	72	78	55	737	685	89
Texas	100	78	66	7,600	6,240	3,300	76	80	50	4,056	2,970	90
California	13	10	11	1,300	950	990	100	95	90	1,140	891	90

TOBACCO

United States	*1,000 acres* 1,406.8	*1,000 acres* 1,783.1	*1,000 acres* 1,270.6	*1,000 pounds* 1,022,756	*1,000 pounds* 1,366,235	*1,000 pounds* [4] 1,045,860	*Lbs.* 726	*Lbs.* 788	*Lbs.* [4] 823	*1,000 dolls.* 177,905	*1,000 dolls.* 223,179	*Cts. per lb.* [5] 21.3
Massachusetts	7.3	4.9	3.0	10,877	6,953	4,495	1,490	1,419	1,498	1,150	1,177	26.2
Connecticut	18.3	13.6	10.2	26,663	18,578	14,748	1,457	1,366	1,446	4,366	5,086	34.5
New York	1.4	.5	.2	1,435	625	300	1,025	1,250	1,500	25	22	7.5
Pennsylvania	42.1	21.3	15.2	46,316	20,843	18,255	1,100	979	1,201	1,041	1,698	9.3
Ohio	44.7	31.7	22.3	33,765	26,572	24,250	755	838	1,087	2,066	2,750	11.3
Indiana	13.3	13.7	7.9	9,785	9,742	6,438	736	711	815	756	904	14.0
Wisconsin	28.0	12.6	8.5	36,180	15,687	11,798	1,292	1,245	1,388	827	840	7.1
Minnesota	1.2	.3	.1	1,320	300	120	1,100	1,000	1,200	12	7	5.5
Missouri	7.3	8.2	4.6	6,826	7,503	2,875	935	915	625	728	198	6.9
Kansas	.2	.6	.3	174	486	246	870	810	820	52	22	8.8
Maryland	36.0	35.3	32.3	28,080	21,533	23,418	780	610	725	3,833	4,219	18.0
Virginia	92.5	127.2	102.3	53,568	93,782	80,155	579	737	784	11,808	18,389	22.9
West Virginia	3.7	6.7	2.7	2,312	4,322	1,755	625	645	650	475	286	16.3
North Carolina	469.0	677.0	495.0	293,528	537,355	417,975	626	794	844	86,245	119,155	28.5
South Carolina	68.0	103.0	72.0	39,100	88,580	56,980	575	860	790	11,161	12,286	21.6
Georgia	23.5	66.0	51.6	12,565	57,466	31,951	535	871	619	6,539	6,071	19.0
Florida	4.2	6.2	6.7	3,310	4,772	5,216	788	770	779	770	1,441	27.6
Kentucky	418.0	451.0	323.0	312,625	323,010	250,605	748	716	776	32,673	36,677	14.6
Tennessee	130.0	153.0	112.6	104,275	127,998	94,145	802	837	836	13,349	11,957	12.7
Louisiana	.1	.3	.1	52	128	35	525	425	350	29	7	19.0

[1] Basis average prices for the crop-marketing season, for sweetpotatoes, weighted average.
[2] Figures for sweetpotatoes are preliminary.
[3] Weighted average price for the crop-marketing season.
[4] Production does not include poundage of tobacco in excess of allotment harvested by growers operating under contract with the Agricultural Adjustment Administration, which was or will be rendered unmarketable.
[5] Average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 620.—TAME HAY: Acreage, Production, and Farm Value, by States

Division and State	Acreage harvested			Production			Yield per acre			Farm value, basis Dec. 1 price		Price received by producers, Dec. 1, 1934
	1932	1933	1934 [1]	1932	1933	1934 [1]	1932	1933	1934 [1]	1933	1934 [1]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 tons* [2]	*1,000 tons* [2]	*1,000 tons* [2]	*Tons* [2]	*Tons* [2]	*Tons* [2]	*1,000 dollars*	*1,000 dollars*	*Dolls. per ton*
United States	53,452	53,965	51,495	70,351	66,130	51,941	1.32	1.23	1.01	536,461	724,520	13.95
New England	2,835	2,838	2,828	2,971	2,899	2,830	1.05	1.02	1.00	39,223	49,669	17.55
Maine	966	966	960	804	804	763	.83	.83	.79	8,522	11,445	15.00
New Hampshire	336	336	334	303	322	328	.90	.96	.98	4,701	5,740	17.50
Vermont	918	919	913	1,110	968	948	1.21	1.05	1.04	13,068	17,254	18.20
Massachusetts	332	330	336	404	433	411	1.22	1.31	1.22	7,058	8,056	19.60
Rhode Island	34	35	35	41	44	44	1.21	1.26	1.26	757	924	21.00
Connecticut	249	252	250	309	328	336	1.24	1.30	1.34	5,117	6,250	18.60
Middle Atlantic	6,621	6,666	6,635	7,803	8,053	6,465	1.18	1.21	.97	80,647	102,860	15.91
New York	3,990	4,030	4,000	4,871	4,576	3,506	1.22	1.14	.88	43,472	56,707	16.20
New Jersey	206	212	215	327	370	397	1.59	1.75	1.85	4,551	6,352	16.00
Pennsylvania	2,425	2,424	2,420	2,605	3,107	2,562	1.07	1.28	1.06	32,624	39,711	15.50
E. N. Central	11,738	11,943	11,923	14,589	13,758	10,776	1.24	1.15	.90	108,392	166,362	15.44
Ohio	2,383	2,468	2,629	2,496	2,378	2,031	1.05	.96	.77	15,933	29,043	14.30
Indiana	1,764	1,695	1,841	2,208	1,812	1,752	1.25	1.07	.95	13,590	23,827	13.60
Illinois	2,313	2,340	2,630	3,088	2,824	2,657	1.34	1.21	1.01	21,462	37,995	14.30
Michigan	2,397	2,491	2,373	3,164	3,059	1,914	1.32	1.23	.81	20,189	33,112	17.30
Wisconsin	2,881	2,949	2,450	3,633	3,685	2,422	1.26	1.25	.99	37,218	42,385	17.50
W. N. Central	13,561	14,216	12,278	18,363	16,053	9,539	1.35	1.13	.78	98,082	146,537	15.36
Minnesota	2,566	2,706	2,560	3,672	3,130	2,154	1.43	1.16	.84	21,910	30,802	14.30
Iowa	2,926	3,303	3,028	4,645	4,307	2,784	1.59	1.30	.92	26,273	43,709	15.70
Missouri	2,928	2,737	2,420	2,626	2,493	1,510	.90	.91	.62	17,451	23,707	15.70
North Dakota	1,366	1,281	1,093	1,615	919	435	1.18	.72	.40	4,503	5,916	13.60
South Dakota	1,015	1,176	747	1,045	738	374	1.03	.63	.50	4,428	6,059	16.20
Nebraska	1,680	1,871	1,480	2,960	2,858	1,421	1.76	1.53	.96	13,718	22,310	15.70
Kansas	1,077	1,142	950	1,800	1,608	861	1.67	1.41	.91	9,809	14,034	16.30
South Atlantic	3,884	3,739	3,979	3,188	3,518	3,515	.82	.94	.88	40,805	55,241	15.72
Delaware	73	73	71	114	122	125	1.56	1.67	1.76	1,305	1,600	12.80
Maryland	403	403	403	468	529	578	1.16	1.31	1.43	6,031	7,514	13.00
Virginia	851	921	960	772	1,038	948	.91	1.13	.99	11,626	14,410	15.20
West Virginia	623	629	635	563	696	502	.90	1.11	.79	7,795	8,785	17.50
North Carolina	737	666	765	541	545	699	.73	.82	.91	7,466	12,932	18.50
South Carolina	287	263	283	210	195	201	.73	.74	.71	2,438	3,739	18.60
Georgia	826	706	773	481	358	414	.58	.51	.54	3,759	5,589	13.50
Florida	84	78	89	39	35	48	.46	.45	.54	385	672	14.00
E. S. Central	3,376	3,373	3,363	3,092	3,317	3,091	.92	.98	.92	31,759	40,536	13.11
Kentucky	1,165	1,267	1,175	1,180	1,341	1,202	1.01	1.06	1.02	12,069	16,227	13.50
Tennessee	1,267	1,275	1,226	1,119	1,271	1,089	.88	1.00	.89	12,964	14,593	13.40
Alabama	626	516	602	424	346	394	.68	.67	.65	3,495	4,925	12.50
Mississippi	318	315	360	369	359	406	1.16	1.14	1.13	3,231	4,791	11.80
W. S. Central	1,782	1,721	1,775	2,170	1,984	1,651	1.22	1.15	.93	15,909	21,429	12.98
Arkansas	544	581	610	561	679	507	1.03	1.17	.83	6,111	7,301	14.40
Louisiana	170	176	204	221	206	269	1.30	1.17	1.32	1,648	2,771	10.30
Oklahoma	510	449	444	746	591	496	1.46	1.32	1.12	4,137	6,051	12.20
Texas	558	515	517	642	508	379	1.15	.99	.73	4,013	5,306	14.00
Mountain	5,969	5,960	5,936	10,233	9,573	6,320	1.71	1.61	1.35	60,243	74,627	10.94
Montana	1,630	1,548	1,425	2,388	1,934	1,512	1.47	1.25	1.06	12,958	17,086	11.30
Idaho	1,102	1,086	1,016	2,673	2,329	2,095	2.43	2.14	2.06	14,673	18,017	8.60
Wyoming	828	893	665	1,005	1,037	670	1.21	1.16	1.01	7,052	8,643	12.90
Colorado	1,255	1,249	960	1,813	1,867	1,164	1.44	1.49	1.21	9,895	13,968	12.00
New Mexico	167	164	156	322	346	283	1.93	2.11	1.81	3,218	3,820	13.50
Arizona	137	170	147	363	449	354	2.65	2.64	2.41	3,143	4,602	13.00
Utah	650	643	501	1,268	1,249	541	1.95	1.94	1.08	7,494	6,762	12.50
Nevada	200	207	166	401	362	201	2.00	1.75	1.21	1,810	1,729	8.60
Pacific	3,888	3,509	3,678	7,942	6,975	7,254	2.15	1.99	1.97	61,391	67,259	9.37
Washington	848	822	901	1,717	1,443	1,795	2.02	1.76	1.99	15,296	15,796	8.80
Oregon	992	967	1,044	1,705	1,595	1,737	1.72	1.65	1.66	14,993	14,243	8.20
California	1,846	1,720	1,733	4,520	3,937	3,722	2.45	2.29	2.15	31,102	37,220	10.00

[1] Preliminary.
[2] Tons of 2,000 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 621.—WILD HAY; ACREAGE, PRODUCTION, AND FARM VALUE, BY STATES

Division and State	Acreage harvested			Production			Yield per acre			Farm value, basis Dec. 1 price		Price received by producers, Dec. 1, 1934
	1932	1933	1934 [1]	1932	1933	1934 [1]	1932	1933	1934 [1]	1933	1934 [1]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 tons* [2]	*1,000 tons* [2]	*1,000 tons* [2]	*Tons* [2]	*Tons* [2]	*Tons* [2]	*1,000 dollars*	*1,000 dollars*	*Dolls. per ton*
United States	14,275	12,276	8,899	12,137	8,477	4,749	0.85	0.69	0.53	44,088	55,010	11.58
New England	26	26	29	23	22	26	.88	.85	.90	207	293	11.27
Maine	5	5	5	4	4	4	.90	.80	.85	31	41	10.30
New Hampshire	4	4	5	3	3	4	.80	.80	.90	28	46	11.50
Vermont	6	6	7	6	5	6	1.00	.80	.90	42	70	11.60
Massachusetts	6	6	7	5	5	7	.85	.90	1.00	50	78	11.10
Rhode Island	1	1	1	1	1	1	.85	1.00	1.05	12	10	10.30
Connecticut	4	4	4	4	4	4	1.05	1.10	1.10	44	48	12.00
Middle Atlantic	64	60	63	62	63	54	.97	1.05	.86	485	550	10.19
New York	40	38	38	40	36	28	1.00	.95	.75	256	305	10.90
New Jersey	12	13	14	14	20	19	1.15	1.50	1.35	160	171	9.00
Pennsylvania	12	9	11	8	7	7	.70	.80	.65	49	74	10.60
E. N. Central	407	414	449	421	441	385	1.03	1.07	.86	2,668	4,194	10.89
Ohio	4	3	5	3	2	2	.70	.70	.45	10	19	9.50
Indiana	8	9	10	8	8	6	.95	.85	.60	40	56	9.30
Illinois	16	21	20	14	17	10	.90	.80	.50	95	100	10.00
Michigan	29	31	57	28	29	46	.95	.95	.80	136	488	10.60
Wisconsin	350	350	357	368	385	321	1.05	1.10	.90	2,387	3,531	11.00
W. N. Central	10,496	8,692	5,727	8,599	5,269	2,406	.82	.61	.42	24,640	31,225	12.98
Minnesota	1,865	1,772	1,418	1,865	1,240	709	1.00	.70	.50	6,324	7,941	11.20
Iowa	166	163	140	191	147	105	1.15	.90	.75	735	1,260	12.00
Missouri	144	141	116	144	106	64	1.00	.75	.55	562	845	13.20
North Dakota	1,862	1,713	805	1,583	1,028	282	.85	.60	.35	4,832	3,610	12.80
South Dakota	2,512	1,256	440	1,633	502	154	.65	.40	.35	2,711	2,418	15.70
Nebraska	3,055	2,933	2,258	2,291	1,760	790	.75	.60	.35	7,392	11,376	14.40
Kansas	892	714	550	892	486	302	1.00	.68	.55	2,090	3,775	12.50
South Atlantic	69	74	83	55	66	72	.80	.89	.87	586	829	11.51
Delaware	3	3	3	3	3	4	1.00	1.15	1.40	18	32	8.00
Maryland	2	3	3	2	3	3	.90	.85	.85	21	32	10.60
Virginia	7	9	9	5	8	7	.65	.90	.80	64	70	10.00
West Virginia	5	5	10	4	5	5	.90	.95	.50	38	50	10.00
North Carolina	19	20	22	15	20	22	.80	1.00	1.00	220	290	13.20
South Carolina	11	12	12	7	8	10	.60	.70	.80	80	140	14.00
Georgia	18	18	20	16	17	19	.90	.95	.95	124	190	10.00
Florida	4	4	4	3	2	2	.70	.60	.60	21	25	12.50
E. S. Central	130	127	126	115	107	104	.88	.84	.83	742	941	9.05
Kentucky	10	7	8	10	7	7	.95	1.00	.90	42	62	8.80
Tennessee	40	40	42	29	30	32	.73	.75	.75	195	294	9.20
Alabama	42	42	38	38	32	27	.90	.75	.70	250	270	10.00
Mississippi	38	38	38	38	38	38	1.00	1.00	1.00	255	315	8.30
W. S. Central	922	862	848	799	697	527	.87	.81	.62	3,913	5,524	10.48
Arkansas	160	168	160	144	176	112	.90	1.05	.70	1,056	1,210	10.80
Louisiana	26	26	29	20	31	20	.75	1.20	.70	202	140	7.00
Oklahoma	531	451	442	451	316	265	.85	.70	.60	1,454	2,809	10.60
Texas	205	217	217	184	174	130	.90	.80	.60	1,201	1,365	10.50
Mountain	1,705	1,572	1,184	1,564	1,329	806	.92	.85	.68	7,678	8,357	10.99
Montana	700	595	446	595	446	290	.85	.75	.65	2,899	3,190	11.00
Idaho	101	96	86	152	96	77	1.50	1.00	.90	461	616	8.00
Wyoming	300	297	190	225	178	95	.75	.60	.50	1,193	1,206	12.70
Colorado	366	373	298	320	410	238	.90	1.10	.80	2,132	2,832	11.90
New Mexico	23	23	14	17	17	8	.75	.75	.60	133	108	13.50
Arizona	10	10	10	10	9	8	1.00	.90	.80	54	80	10.00
Utah	70	63	60	74	69	42	1.05	1.10	.70	338	441	10.50
Nevada	135	115	80	162	104	48	1.20	.90	.60	468	384	8.00
Pacific	456	449	390	499	483	369	1.09	1.08	.95	3,183	2,597	7.04
Washington	31	29	27	40	33	35	1.30	1.15	1.30	277	259	7.40
Oregon	289	298	253	289	328	240	1.00	1.10	.95	2,198	1,680	7.00
California	136	122	110	170	122	94	1.25	1.00	.85	708	658	7.00

[1] Preliminary. [2] Tons of 2,000 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 622.—ORCHARD FRUITS: PRODUCTION AND VALUE

Crop	Unit	Production (thousands)				Value (thousands of dollars) [1]			
		1931	1932	1933	1934 [2]	1931	1932	1933	1934 [2]
Apples, total	Bu.	202,477	[3] 140,775	142,981	119,855	131,938	86,638	111,799	109,426
Commercial [4]	do.	106,025	85,575	74,962	75,160				
Peaches	do.	[3] 76,689	[3] 42,443	[3] 44,692	[3] 45,404	40,984	18,838	32,340	34,770
Pears	do.	[3] 23,357	[3] 22,050	[3] 21,192	[3] 23,474	13,676	7,627	10,780	16,193
Grapes	Ton.	[3] 1,621	[3] 2,204	[3] 1,910	1,775	36,085	26,982	33,841	35,519
Cherries (12 States)	do.	[3] 112	[3] 127	[3] 117	114	7,904	5,157	6,575	6,863
Plums and prunes, fresh (5 States)	do.	[3] 124	[3] 159	[3] 111	134	2,637	1,709	2,234	3,367
Prunes, dried (3 States)	do.	245	[3] 195	199	202	14,719	10,430	15,747	16,324
Oranges (7 States)	Box.	50,164	51,368	[5] 47,289	58,351	66,798	56,151	73,669	100,338
Grapefruit (4 States)	do.	15,147	15,149	14,243	18,248	16,035	12,722	15,936	16,708
Lemons (California)	do.	7,800	6,704	7,295	7,500	15,210	14,078	17,143	17,250

[1] Based on average price for the crop-marketing season; for apples, weighted average; for prices used in computing value of oranges and grapefruit, see note 23, table 610.
[2] Preliminary.
[3] Includes some quantities not harvested owing to market conditions; values computed on harvested crop.
[4] Portion of crop which is sold for consumption as fresh fruit. [5] See note 24, table 610.

No. 623.—APPLES, PEACHES, PEARS, AND GRAPES: PRODUCTION BY STATES

State	Apples (1,000 bushels)			Peaches (1,000 bushels)			Pears (1,000 bushels)			Grapes (tons of 2,000 pounds)		
	1932	1933	1934 [1]	1932	1933	1934 [1]	1932	1933	1934 [1]	1932	1933	1934 [1]
United States [2]	140,775	142,981	119,855	42,443	44,692	45,404	22,050	21,192	23,474	2,203,752	1,909,581	1,775,168
Maine	2,575	1,884	556				12	11	2	24	24	7
N. Hampshire	950	1,131	312	20	18		12	12	5	43	43	29
Vermont	1,090	1,027	255				11	7	3	42	31	11
Massachusetts	3,525	3,436	1,435	166	134	2	63	57	35	334	353	307
Rhode Island	375	350	97	44	26	2	10	8	6	237	207	171
Connecticut	1,420	1,184	356	215	172	2	28	20	14	1,226	1,240	1,023
New York	22,197	16,060	11,844	1,663	1,092	41	1,745	900	1,011	67,971	64,800	49,400
New Jersey	3,640	3,380	2,070	1,776	987	22	112	71	74	3,230	2,535	2,464
Pennsylvania	9,537	7,293	8,554	1,676	1,144	442	384	366	385	22,977	17,808	18,981
Ohio	5,145	4,380	4,032	814	456	228	313	336	394	30,705	27,412	22,720
Indiana	871	819	1,020	106	221	192	80	100	178	3,108	2,590	2,812
Illinois	2,300	2,200	2,162	188	1,522	528	71	320	641	6,000	5,986	5,658
Michigan	5,800	8,651	6,464	1,845	215	423	783	532	745	71,214	58,562	61,145
Wisconsin	1,914	1,938	1,204							396	357	274
Minnesota	660	960	339							327	307	194
Iowa	1,827	1,425	962	76	7	53	78	58	74	7,650	6,624	5,060
Missouri	928	3,132	1,534	102	204	468	51	146	298	9,717	9,830	7,540
Nebraska	627	370	209	58	4	5	38	17	20	2,960	1,824	1,216
Kansas	546	1,431	783	50	14	90	35	90	145	4,810	4,158	2,574
Delaware	1,096	932	688	227	205	64	35	20	17	2,352	2,448	2,430
Maryland	1,368	1,312	1,102	348	400	82	92	66	94	625	596	614
Virginia	7,830	10,900	9,275	324	990	414	87	270	194	1,488	1,666	1,692
West Virginia	4,191	4,200	3,630	143	396	110	23	57	25	1,008	990	944
N. Carolina	1,825	5,254	3,525	1,645	2,112	2,312	113	228	218	3,431	4,661	4,640
S. Carolina	164	279	244	792	1,633	1,610	54	94	84	750	958	829
Georgia	640	1,150	874	1,170	5,440	5,610	106	114	185	630	759	738
Florida				28	57	68	44	25	67	454	767	1,026
Kentucky	720	2,340	934	79	216	434	37	80	184	1,035	1,174	1,113
Tennessee	936	2,194	1,748	300	580	2,325	59	94	285	1,005	1,155	1,110
Alabama	252	648	588	221	908	1,080	132	132	326	509	625	641
Mississippi	51	174	133	132	494	781	107	85	323	178	231	228
Arkansas	1,368	1,925	1,715	352	672	1,848	34	58	158	12,936	12,120	16,640
Oklahoma	387	350	348	280	108	612	46	69	171	3,440	2,610	2,112
Texas	135	98	134	792	782	1,287	182	104	303	1,809	1,820	1,595
Montana	502	525	358									
Idaho	4,200	5,244	3,312	178	51	93	60	59	52	561	488	574
Colorado	2,139	1,454	1,354	1,201	578	1,260	377	271	307	462	400	459
New Mexico	726	285	1,240	44	13	123	44	9	49	1,050	768	1,336
Arizona	77	51	63	83	67	48	15	13	11	1,912	2,016	1,732
Utah	924	313	554	748	62	558	76	47	53	1,274	930	1,200
Washington	30,060	29,240	32,300	1,320	240	1,200	3,723	4,264	4,042	5,100	5,320	5,538
Oregon	4,950	3,500	4,938	348	227	314	2,808	2,738	2,470	2,640	2,205	2,240
California [2]	9,045	9,333	6,500	22,794	22,085	20,460	9,917	9,209	9,751	1,926,000	1,660,000	1,544,000
Other States	302	179	110	95	160	204	53	35	75	132	133	151

[1] Preliminary.
[2] Production for California includes some quantities not harvested on account of market conditions as follows—Apples, 1932, 220,000 bushels; peaches, 1932, 6,710,000 bushels; 1933, 3,647,000, including 1,480,000 sold but left on trees; 1934, 2,208,000; pears, 1932, 2,666,000 bushels; 1933, 1,667,000; 1934, 376,000; grapes, *1932, 154,000 tons*; 1933, 3,000.

Source of tables 622 and 623: Bureau of Agricultural Economics, Department of Agriculture.

No. 624.—APPLES, PEACHES, AND PEARS: UNITED STATES PRODUCTION

[In thousands of bushels. The approximate weight of a bushel of apples is 45 pounds; peaches, 48; pears, 50]

Yearly average or year	Apples	Peaches	Pears	Year	Apples	Peaches	Pears
1891-1895	157,093	----------	----------	1925	151,752	44,335	19,938
1896-1900	179,143	----------	----------	1926	[1] 227,043	[1] 64,799	24,564
1901-1905	182,672	38,166	----------	1927	[1] 115,625	[1] 41,601	[1] 17,991
1906-1910	154,454	39,684	----------	1928	176,721	[1] 64,501	[1] 23,518
1911-1915	215,572	49,027	11,341	1929	133,318	44,434	21,138
1916-1920	175,676	43,132	14,115	1930	153,372	[1] 54,186	[1] 25,665
1921-1925	155,605	46,110	17,353	1931	202,477	[1] 76,689	[1] 23,357
1926-1930	161,216	53,904	22,575	1932	[1] 140,775	[1] 42,443	[1] 22,050
1923	180,968	44,781	16,967	1933	142,981	[1] 44,602	[1] 21,192
1924	160,049	51,146	18,412	1934 (preliminary)	119,855	[1] 45,404	[1] 23,474

[1] Includes some estimated quantities not harvested on account of market conditions.

No. 625.—APPLES, PEACHES, PEARS, AND GRAPES: FARM PRICES

NOTE.—Prices of apples, peaches, and pears in dollars per bushel, prices of grapes in dollars per ton. Prices are averages for the crop marketing season; for apples, weighted averages

Division and State	Apples				Peaches				Pears				Grapes			
	1931	1932	1933	1934	1931	1932	1933	1934	1931	1932	1933	1934	1931	1932	1933	1934
United States	0.65	0.62	0.78	0.91	0.56	0.53	0.76	0.80	0.60	0.39	0.55	0.70	22	13	18	20
Maine	.87	.60	.69	1.28	-----	-----	-----	-----	1.30	1.00	1.05	1.50	95	80	80	95
New Hampshire	1.03	.75	.73	1.50	1.55	1.50	1.50	-----	1.40	.95	.95	1.25	95	80	80	95
Vermont	1.10	.82	.99	1.67	-----	-----	-----	-----	1.50	1.05	1.15	1.20	95	80	80	85
Massachusetts	1.20	.69	.76	1.37	1.25	1.15	1.40	1.75	1.30	.85	.85	1.10	75	65	60	80
Rhode Island	1.24	.72	.89	1.55	1.40	1.15	1.45	1.75	1.30	1.00	1.00	1.15	75	65	70	80
Connecticut	1.28	.84	.98	1.58	1.40	.80	1.30	2.00	1.60	.85	1.00	1.25	55	50	55	80
New York	.82	.59	.93	1.09	.65	.60	1.10	2.15	.90	.46	.85	.85	22	19	24	30
New Jersey	.96	.89	.94	1.24	.65	.70	1.10	2.35	.65	.60	.65	.65	40	35	38	40
Pennsylvania	.92	.62	.92	.93	.65	.80	1.20	1.85	.65	.65	.75	.75	22	16	25	27
Ohio	.50	.64	.92	1.05	.55	.90	1.45	1.80	.50	.60	.75	.60	26	18	29	35
Indiana	.62	.76	1.02	1.11	.55	1.00	1.35	1.45	.40	.60	.65	.55	38	19	26	30
Illinois	.66	.80	.99	1.21	.50	1.20	1.20	1.40	.45	.75	.70	.55	44	22	28	30
Michigan	.54	.65	.70	.86	.60	.70	1.75	1.75	.65	.45	.80	.65	28	16	20	25
Wisconsin	.86	.64	.79	1.04	-----	-----	-----	-----	-----	-----	-----	-----	75	65	70	75
Minnesota	.86	.79	.71	1.30	-----	-----	-----	-----	-----	-----	-----	-----	75	65	70	75
Iowa	.93	.72	1.03	1.25	.90	.90	1.55	1.10	.90	.75	.95	.90	56	30	35	40
Missouri	.59	.93	.76	1.12	.65	1.20	1.15	1.00	.55	.85	.75	.70	40	30	35	40
South Dakota	1.41	.83	1.32	1.50	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nebraska	.95	.63	1.02	1.33	1.05	.95	1.70	1.25	1.00	.95	1.40	1.10	50	40	60	65
Kansas	.85	.97	.88	1.25	.90	1.20	1.65	1.10	.65	.95	.95	.80	50	40	45	50
Delaware	.63	.69	.81	1.00	.45	.60	1.25	1.25	.40	.35	.85	.60	40	35	45	50
Maryland	.56	.59	.75	.92	.60	.85	1.00	1.70	.45	.55	.60	.60	55	50	55	50
Virginia	.47	.63	.71	.79	.60	1.00	1.10	1.40	.50	.75	.60	.75	80	60	75	70
West Virginia	.44	.62	.69	.97	.55	1.15	1.15	1.70	.70	.90	.90	.95	80	60	80	85
North Carolina	.55	.72	.65	.85	.65	.95	.85	1.00	.70	.85	.75	.85	80	45	45	65
South Carolina	.95	.97	1.14	1.11	.70	.95	.85	.80	.75	.80	.80	.80	85	60	65	70
Georgia	.78	.82	.84	1.03	.55	.95	.75	.80	.70	.65	.80	.60	110	90	90	95
Florida	-----	-----	-----	-----	.95	.95	.90	.75	.70	.50	.85	.50	90	70	80	75
Kentucky	.50	.81	.87	.96	.55	1.15	1.05	1.00	.50	.90	.80	.65	55	40	45	50
Tennessee	1.20	.87	.82	.94	.50	1.00	.95	.80	.55	.85	.95	.60	70	55	55	60
Alabama	.88	.92	.94	1.40	.65	.85	.80	.75	.65	.65	.85	.60	80	65	65	60
Mississippi	.89	1.03	1.22	1.27	.75	.95	1.00	.75	.60	.50	.85	.50	90	75	75	80
Arkansas	.54	.63	.71	.85	.55	1.05	1.10	.75	.55	.75	.95	.70	40	26	25	25
Louisiana	.95	1.05	1.22	1.16	1.05	1.05	1.10	.75	.90	.70	1.00	.55	90	75	75	70
Oklahoma	.74	.66	.76	.88	.90	.90	1.20	.85	.90	1.00	1.00	.85	58	37	40	45
Texas	.93	.92	1.10	1.18	.90	.90	1.30	1.10	.80	.80	1.05	.90	80	55	55	60
Montana	1.01	.64	.70	.87	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Idaho	.54	.46	.65	.87	.75	.45	1.45	1.15	1.10	.60	1.00	1.10	50	45	55	47
Wyoming	1.85	.83	.92	1.52	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Colorado	.61	.42	.58	.85	.50	.42	1.30	1.00	.60	.40	.65	.60	50	45	55	44
New Mexico	.78	.79	1.22	.96	1.15	1.30	1.75	1.20	.80	.95	1.35	.95	55	50	60	44
Arizona	1.68	1.41	1.76	1.71	1.45	1.50	1.75	1.50	1.35	.90	1.45	1.45	70	30	35	40
Utah	.80	.49	.90	.96	.50	.34	1.40	.85	1.20	.75	1.30	.90	45	40	50	48
Nevada	1.57	.88	1.20	1.29	2.00	.75	1.75	1.40	2.00	.85	1.50	1.25	90	85	85	80
Washington	.70	.53	.75	.78	.65	.35	1.25	.75	.50	.30	.40	.60	22	13	17	21
Oregon	.53	.46	.64	.69	1.10	.60	1.15	1.05	.70	.40	.45	.60	24	15	20	26
California	.80	.64	.61	.80	.43	.25	.48	.63	.58	.30	.51	.77	20	12	16	18

Source of tables 624 and 625: Bureau of Agricultural Economics, Department of Agriculture.

No. 626.—SUGAR PRODUCTION: CONTINENTAL UNITED STATES AND CERTAIN OUTLYING AREAS, AND WORLD TOTAL

[In thousands of tons of 2,000 pounds. Data represent predominantly raw sugar except as noted]

Yearly average, or year beginning July 1—	Continental United States and outlying areas	Continental United States			Puerto Rico[2]	Hawaii[3]	Philippine Islands[4]	World total	Per cent of world total in—	
		Total (in terms of raw)[1]	Beet (chiefly refined)	Cane (chiefly raw)					Continental United States	U. S. and outlying areas
1870-1874	281	73	(5)	72	95	[6] 13	110	(7)	(7)	(7)
1875-1879	347	96	(5)	96	78	20	152	(7)	(7)	(7)
1880-1884	476	131	1	130	87	64	195	(7)	(7)	(7)
1885-1889	542	153	1	152	73	119	196	(7)	(7)	(7)
1890-1894	759	284	14	271	63	145	266	(7)	(7)	(7)
1895-1899	812	326	48	279	56	256	174	10, 844	3.0	7.5
1900-1904	1, 141	643	194	448	115	389	94	13, 321	4.1	8.6
1905-1909	1, 692	808	440	361	255	489	141	15, 793	5.1	10.7
1910-1914	2, 251	986	652	285	363	593	309	19, 863	5.0	11.3
1915-1919	2, 676	1, 069	789	220	466	594	447	18, 873	5.7	13.6
1920-1924	2, 917	1, 233	951	[6] 211	477	622	585	22, 093	5.6	18.2
1925-1929	3, 557	1, 189	996	[6] 113	687	861	819	28, 878	4.1	12.3
1928	3, 693	1, 273	1, 061	[6] 132	587	899	934	30, 655	4.2	12.0
1929	4, 053	1, 284	1, 018	[6] 200	866	912	981	30, 607	4.2	13.2
1930	4, 212	1, 482	1, 208	[6] 184	783	989	958	31, 530	4.7	13.4
1931	4, 692	1, 400	1, 156	[6] 157	992	1, 025	1, 174	29, 209	4.8	15.7
1932	4, 876	1, 682	1, 357	[6] 223	816	1, 036	1, 343	26, 996	6.2	18.1
1933	5, 883	1, 970	1, 642	[6] 205	1, 104	[9] 1, 029	[9] 1, 580	28, 098	7.0	20.2
1934 (preliminary)	3, 079	1, 475	1, 154	[6] 234	[9] 744	[9] 1, 050	[9] 710	28, 301	5.2	14.1

[1] Beet sugar not converted to raw prior to 1909. [2] For 1900 to 1900, shipments to the United States. [3] Statistics for 1874 to 1880 represent exports. [4] Exports 1871 to 1911, production 1912 and subsequently. [5] Less than 500. [6] One year only. [7] Not available. [8] Louisiana only beginning 1924.
[9] Unofficial estimate; data for Philippine Islands represent estimates of centrifugal sugar only which usually accounts for about 90 per cent of the total production.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 627.—SUGAR: PRODUCTION, TRADE, AND SUPPLY AVAILABLE FOR CONSUMPTION, CONTINENTAL UNITED STATES

Yearly average or year beginning July 1—	Production (beet and cane only)	Brought in from insular areas[1]	Imports as sugar[2]	Exports as sugar[3]	Exports in other forms[4]	Available for consumption[5]	
						Total	Per capita
	In terms of raw sugar[6]						
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Pounds
1870-1874	72, 508	----------	777, 685	5, 269	(7)	844, 924	40.7
1875-1879	96, 444	----------	830, 375	23, 820	(7)	902, 999	38.1
1880-1884	131, 073	----------	1, 151, 724	39, 347	(7)	1, 243, 449	46.5
1885-1889	152, 879	----------	1, 414, 647	43, 136	(7)	1, 524, 389	50.9
1890-1894	284, 346	----------	1, 864, 201	16, 903	(7)	2, 131, 644	64.3
1895-1899	326, 362	----------	1, 943, 678	5, 660	(7)	2, 264, 380	62.2
1900-1904	542, 798	500, 764	1, 839, 377	7, 301	(7)	2, 875, 638	71.7
1905-1909	808, 015	751, 650	1, 956, 304	32, 423	(7)	3, 483, 547	78.9
1910-1914	985, 531	1, 038, 605	2, 187, 469	91, 554	15, 164	4, 104, 886	85.7
1915-1919	1, 009, 086	1, 066, 272	2, 834, 957	642, 023	44, 538	4, 283, 754	83.3
1920-1924	1, 232, 959	1, 314, 489	3, 721, 100	448, 697	36, 102	5, 783, 749	104.4
1925-1929	1, 189, 000	2, 015, 035	3, 643, 910	158, 468	31, 270	6, 658, 207	111.9
1919	903, 000	975, 735	3, 812, 955	776, 502	98, 386	4, 816, 802	91.1
1920	1, 346, 811	1, 076, 342	3, 228, 279	319, 589	89, 491	5, 242, 852	97.7
1921	1, 424, 726	1, 340, 867	3, 940, 777	1, 085, 349	31, 397	5, 589, 624	102.5
1922	1, 021, 360	1, 235, 049	4, 068, 205	412, 196	12, 568	5, 899, 849	106.6
1923	1, 111, 898	1, 274, 870	3, 436, 955	152, 883	24, 617	5, 040, 223	100.5
1924	1, 260, 000	1, 645, 319	3, 931, 282	273, 470	22, 436	6, 540, 695	114.7
1925	1, 121, 000	1, 981, 482	3, 895, 947	325, 804	24, 998	6, 647, 627	114.9
1926	1, 011, 000	1, 689, 347	3, 968, 997	124, 555	26, 303	6, 518, 486	111.1
1927	1, 246, 000	2, 051, 659	3, 415, 830	115, 560	29, 833	6, 568, 090	110.4
1928	1, 273, 000	1, 974, 899	4, 115, 601	139, 324	31, 894	7, 192, 282	119.2
1929	1, 294, 000	2, 377, 787	2, 823, 173	87, 092	43, 320	6, 364, 548	104.0
1930	1, 482, 000	2, 603, 735	2, 416, 398	77, 131	33, 026	6, 391, 976	103.4
1931	1, 400, 000	2, 811, 893	2, 321, 442	59, 073	28, 522	6, 445, 840	103.6
1932	1, 682, 000	3, 074, 951	1, 710, 999	44, 000	22, 437	6, 401, 513	102.2
1933	1, 970, 000	3, 207, 651	1, 356, 330	64, 082	19, 361	6, 450, 538	102.3
1934	1, 475, 000	(8)	(8)	(8)	(8)	(8)	(8)

[1] Includes Hawaii, Puerto Rico, and the Philippine Islands; Virgin Islands included after 1916.
[2] Imports from the Philippine Islands excluded beginning 1909; reexports deducted.
[3] Includes shipments to Hawaii and Puerto Rico. Excludes direct exports from them to foreign countries and also reexports of imported raw sugar.
[4] Sugar used in the manufacture of other commodities for export on which drawback was paid.
[5] Stocks at the beginning or end of year ignored.
[6] Except beet sugar production and exports prior to 1909 which are chiefly refined.
[7] Not computed. [8] Not yet available.

No. 627.—Sugar: Production, Trade, and Supply Available for Consumption, Continental United States—Continued

Year beginning July 1—	Production (beet and cane only)	Brought in from insular areas	Imports as sugar	Exports as sugar	Exports in other forms	Available for consumption	
						Total	Per capita
	In terms of refined sugar [6]						
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Pounds*
1926	941,000	1,588,981	3,714,054	115,865	24,514	6,103,656	104.0
1927	1,159,000	1,930,732	3,196,448	107,704	27,805	6,150,666	103.3
1928	1,184,000	1,858,331	3,851,311	129,846	29,726	6,734,070	111.6
1929	1,204,000	2,239,140	2,641,709	81,167	40,375	5,963,307	97.5
1930	1,379,000	2,451,011	2,261,187	71,884	30,781	5,989,133	96.9
1931	1,304,000	2,675,996	2,186,307	55,541	26,862	6,083,900	97.8
1932	1,567,000	2,924,863	1,611,418	41,439	21,131	6,040,711	96.5
1933	1,835,000	3,048,957	1,277,392	60,353	18,234	6,082,762	96.5
1934	1,374,000	[5]	[5]	[5]	[5]	[5]	[5]

[5] Not yet available.

[6] Raw sugar converted to refined by multiplying by the following factors: 1909–10 to 1930–31, Cuba and Hawaii, 0.9358; Puerto Rico, 0.9393; Philippine Islands, 0.95; all others, 0.932; beginning 1931–32 Hawaii, 0.9617; Puerto Rico, Philippine Islands, and Virgin Islands, 0.946; Cuba and all others 0.9418.

No. 628.—Sugar, Raw: Percentages Relating to Sugar Consumption in Continental United States

Yearly average or year beginning July 1—	Per cent of world production retained for consumption	Per cent of consumption from [1]—			Year beginning July 1—	Per cent of world production retained for consumption	Per cent of consumption from [1]—		
		Domestic	Noncontiguous territory [2]	All foreign countries			Domestic	Noncontiguous territory [2]	All foreign countries
1870–1874	[3]	8.0	13.4	78.0	1920	20.8	25.7	20.5	53.8
1875–1879	[3]	10.7	13.5	75.8	1921	27.2	25.5	24.0	50.5
1880–1884	[3]	10.5	17.1	72.4	1922	28.3	17.3	20.9	61.8
1885–1889	[3]	10.0	18.8	71.2	1923	24.8	19.7	22.6	57.7
1890–1894	[3]	13.3	11.1	75.6	1924	24.5	19.3	25.2	55.6
1895–1899	20.9	14.4	13.4	72.1	1925	23.8	16.9	29.8	53.3
1900–1904	21.6	18.9	17.4	63.7	1926	24.5	15.5	25.9	58.6
1905–1909	22.0	23.0	21.6	55.3	1927	23.0	19.0	31.2	49.8
1910–1914	20.7	24.0	25.3	50.7	1928	23.5	17.7	27.5	54.8
1915–1919	22.7	25.0	24.9	50.2	1929	20.8	20.3	37.4	42.3
1920–1924	26.2	21.3	22.7	56.0	1930	20.3	23.2	40.7	36.1
1925–1929	23.1	17.9	30.3	51.9	1931	22.1	21.7	43.6	34.6
1917	19.9	26.5	24.2	49.4	1932	23.7	26.3	48.0	25.7
1918	23.3	25.2	24.6	50.2	1933	23.0	30.5	49.7	19.7
1919	26.8	18.7	20.3	61.0					

[1] Exports assumed to be wholly from sugar imported from foreign countries.

[2] Hawaii, Puerto Rico, and Philippine Islands and after 1916, Virgin Islands.

[3] Not available.

No. 629.—Sugar: Wholesale Prices of Raw and Refined, New York

[Cents per pound]

Yearly average or year	Raw, 96° centrifugal	Refined, granulated	Year and month	Raw, 96° centrifugal	Refined, granulated	Year and month	Raw, 96° centrifugal	Refined, granulated	Year and month	Raw, 96° centrifugal	Refined, granulated
1891–1895	3.5	4.4	1932			1933			1934		
1896–1900	4.1	4.8	Jan.	3.1	4.1	Jan.	2.7	3.9	Jan.	3.2	4.2
1901–1905	3.9	4.0	Feb.	2.9	4.1	Feb.	2.8	3.8	Feb.	3.3	4.4
1906–1910	4.0	4.8	Mar.	2.8	4.0	Mar.	3.0	4.1	Mar.	3.1	4.4
1911–1915	4.1	5.0	Apr.	2.6	3.9	Apr.	3.1	4.2	Apr.	2.8	4.4
1916–1920	7.8	8.8	May	2.6	3.7	May	3.3	4.4	May	2.8	4.1
1921–1925	5.3	6.7	June	2.8	3.7	June	3.4	4.5	June	2.9	4.5
1926–1930	4.1	5.3	July	3.0	4.0	July	3.5	4.6	July	3.2	4.7
1929	3.8	5.1	Aug.	3.2	4.1	Aug.	3.5	4.6	Aug.	3.3	4.7
1930	3.4	4.7	Sept.	3.1	4.2	Sept.	3.6	4.6	Sept.	2.9	4.7
1931	3.3	4.4	Oct.	3.2	4.1	Oct.	3.3	4.5	Oct.	2.9	4.6
1932	2.9	4.0	Nov.	3.0	4.2	Nov.	3.2	4.4	Nov.	2.9	4.5
1933	3.2	4.3	Dec.	2.9	4.1	Dec.	3.2	4.3	Dec.	2.9	4.3
1934	3.0	4.4									

Sources: Table 627, Bureau of Agricultural Economics, Department of Agriculture; table 628, 1875 to 1909, computed from production as reported by the Department of Agriculture, and exports, imports, and shipments as reported by the Bureau of Foreign and Domestic Commerce; thereafter, based on data in tables 626 and 627; table 629, Bureau of Labor Statistics, Department of Labor.

No. 630.—SUGAR BEETS AND BEET SUGAR: PRODUCTION

NOTE.—Prior to 1924 acreage and production of beets include a small quantity produced in Canada for United States factories. The year shown is that in which beets were grown; sugar-making campaign extends into succeeding year. *"Percent of sucrose in beets"* is based on analysis; "Per cent extracted" is per cent of total weight of beets actually recovered by factories. United States totals include data for States not shown. Tons are of 2,000 pounds

Yearly average or year and State	Beets produced for sugar					Sugar manufacture				
	Acres harvested	Crop [1] (1,000 tons)	Tons per acre	Price per ton (dollars)	Farm value (1,000 dollars)	Number of factories	Beets used (1,000 tons)	Sugar made (1,000 tons)	Percent of sucrose— In beets	Percent of sucrose— Extracted
United States:										
1901–1905	227,841	2,079	9.22	4.89	10,166	45	2,079	240	15.03	11.50
1906–1910	386,052	3,910	10.13	[2] 5.18	20,254	63	3,910	479	15.78	12.27
1911–1915	541,000	5,738	10.66	5.63	32,318	67	5,477	724	16.17	13.18
1916–1920	698,000	6,623	9.50	9.38	63,314	88	6,200	832	15.85	13.41
1921–1925	693,000	6,972	10.14	7.52	52,040	88	6,606	916	15.74	13.86
1926–1930	701,000	7,718	11.00	7.32	56,480	80	7,402	1,055	15.71	14.23
1924	*816,000*	7,503	9.2	7.95	59,689	90	7,075	1,090	17.19	*15.41*
1925	648,000	7,381	11.4	6.39	47,137	88	6,993	913	14.86	13.06
1926	677,000	7,223	10.7	7.61	54,964	78	6,782	897	14.94	13.23
1927	721,000	7,753	10.8	7.67	59,455	83	7,443	1,093	16.11	14.68
1928	*644,000*	7,101	11.0	7.11	*50,477*	82	6,880	1,061	16.73	*15.42*
1929	688,000	7,315	10.6	7.08	51,805	79	7,117	1,018	15.64	14.22
1930	775,000	9,199	11.9	7.14	65,697	78	8,789	1,208	15.22	13.70
1931	713,000	7,903	11.1	5.94	46,948	66	7,659	1,156	16.18	14.76
1932	764,000	9,070	11.9	5.26	47,705	75	8,856	1,357	16.41	15.23
1933	983,000	11,030	11.2	5.13	56,599	84	10,778	1,642	16.61	15.23
1934	*766,000*	7,481	9.8	5.04	37,706	75	7,358	1,154	16.98	15.66
California:										
1931	89,000	1,060	11.9	7.40	9,847	6	1,045	166	17.69	15.92
1932	104,000	1,288	12.4	6.62	8,528	6	1,282	213	17.80	16.61
1933	108,000	1,618	15.0	5.67	9,174	6	1,629	270	18.02	16.60
1934	106,000	1,579	14.9	------	------	7	1,591	265	18.34	16.68
Colorado:										
1931	*224,000*	2,532	*11.3*	*5.44*	*13,780*	17	2,423	370	*15.64*	*15.28*
1932	156,000	1,777	11.4	4.62	8,209	17	1,781	277	15.38	15.56
1933	209,000	2,628	12.6	4.62	12,141	18	2,603	399	15.74	15.32
1934	169,000	1,566	9.3	------	------	17	1,531	272	17.15	17.74
Idaho:										
1931	33,000	301	9.1	6.03	1,816	5	287	46	17.25	16.04
1932	53,000	709	13.4	5.10	3,618	7	661	108	17.55	16.34
1933	75,000	837	11.2	5.16	4,319	7	777	131	18.02	16.83
1934	34,000	294	8.6	------	------	5	283	46	17.21	16.19
Michigan:										
1931	58,000	581	10.0	6.33	3,675	6	600	83	15.42	13.81
1932	122,000	1,215	10.0	5.73	6,959	11	1,216	171	16.28	13.98
1933	154,000	1,203	7.8	5.81	6,989	15	1,255	170	16.10	13.66
1934	117,000	999	8.5	------	------	13	1,096	147	15.96	13.46
Montana:										
1931	54,000	617	11.4	6.01	3,706	4	600	92	16.99	15.37
1932	54,000	730	13.7	5.39	3,933	4	701	108	17.12	16.41
1933	68,000	838	12.3	5.46	4,575	4	786	124	17.43	15.72
1934	64,000	786	12.3	------	------	4	633	99	17.66	15.71
Nebraska:										
1931	65,000	891	13.7	5.46	4,868	7	872	126	15.82	14.45
1932	66,000	877	13.3	4.58	4,021	7	815	113	15.21	13.87
1933	*88,000*	1,067	12.1	4.50	4,802	7	*956*	130	15.11	13.54
1934	60,000	549	9.2	------	------	7	508	72	15.70	14.17
Ohio:										
1931 [3]	------	------	------	------	------	1	------	------	------	------
1932	26,000	259	10.0	5.34	1,384	3	251	42	16.54	13.94
1933	42,000	328	7.8	5.71	1,873	4	283	38	15.80	13.56
1934	39,000	312	8.0	------	------	4	267	37	15.41	13.05
Utah:										
1931	49,000	505	10.3	5.82	2,940	7	491	77	16.70	15.74
1932	56,000	846	15.1	4.77	4,032	7	822	128	16.42	15.57
1933	74,000	912	12.3	4.80	4,378	9	915	143	16.88	15.65
1934	32,000	250	7.8	------	------	4	250	39	16.00	15.58
Wyoming:										
1931	49,000	552	11.3	5.71	3,153	5	532	85	16.97	15.99
1932	49,000	506	12.6	4.97	2,515	5	537	85	16.76	15.83
1933	52,000	593	11.4	5.26	3,119	5	634	104	17.56	16.39
1934	42,000	434	10.3	------	------	5	553	87	17.01	15.75

[1] Beets used 1901 to 1912. [2] Four-year average.
[3] Data cannot be shown without disclosing operations of an individual factory.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 631.—LOUISIANA SUGARCANE, CANE SUGAR, AND MOLASSES

NOTE.—Louisiana produces practically all the cane sugar produced in the United States. In other States cane is largely used for making sirup (see table 634). Tons are of 2,000 pounds

Yearly average or year	Total acres of cane harvested	Cane used for sugar			Factories in operation	Sugar made		Molasses made	
		Acres harvested	Crop (1,000 tons)	Yield per acre (tons)		Amount (1,000 tons)	Per ton of cane (pounds)	Amount (1,000 gallons)	Per ton of sugar (gallons)
1911-1915	----------	230,000	3,496	15.2	150	236	135	20,666	88
1916-1920	----------	212,000	3,286	15.5	133	224	136	22,956	103
1921-1925	300,000	207,000	2,844	13.7	103	202	142	18,247	90
1926-1930	166,000	124,000	1,833	14.8	56	127	139	12,656	100
1925	284,000	189,000	2,644	14.0	91	139	105	17,783	128
1926	197,000	129,000	864	6.7	54	47	109	6,614	141
1927	106,000	72,000	962	13.4	46	71	148	6,624	93
1928	152,000	115,000	1,860	16.2	55	132	142	13,535	103
1929	186,000	155,000	2,918	18.8	65	200	137	19,619	98
1930	187,000	150,000	2,559	17.1	61	184	144	16,887	92
1931	184,000	148,000	2,232	15.1	59	157	141	14,645	93
1932	223,000	186,000	2,886	15.5	62	223	155	16,445	74
1933	214,000	172,000	2,610	15.2	59	205	157	16,498	80
1934	249,000	197,000	3,028	15.4	61	234	155	18,277	78

SUGAR MADE (1,000 TONS)

1906	258	1911	353	1916	304	1921	324
1907	381	1912	154	1917	244	1922	295
1908	308	1913	293	1918	281	1923	162
1909	364	1914	243	1919	121	1924	88
1910	343	1915	138	1920	169	1925	139

No. 632.—HAWAIIAN SUGARCANE AND CANE SUGAR

NOTE.—Figures are for years ending September 30. All tons are of 2,000 pounds

Yearly average or year	Total acres in cane	Cane used for sugar			Sugar made	
		Acres harvested	Crop (1,000 tons)	Yield per acre (tons) [1]	Amount (1,000 tons)	Percent of cane used
1913-1915	----------	113,500	4,854	43	602	12.39
1916-1920	251,206	118,534	4,830	41	594	12.30
1921-1925	234,700	116,820	5,253	45	622	11.84
1926-1930	239,194	128,271	7,299	57	861	11.80
1924	232,000	111,000	5,661	51	691	12.21
1925	241,000	122,000	6,297	52	769	12.21
1926	237,774	122,309	6,496	53	787	12.12
1927	234,809	124,542	6,992	56	811	11.60
1928	240,769	131,534	7,707	59	897	11.64
1929	239,858	129,131	7,447	58	899	12.07
1930	242,761	133,840	7,853	59	912	11.62
1931	251,533	137,037	8,485	62	989	11.65
1932	251,876	139,744	8,865	63	1,025	11.56
1933	254,563	144,950	8,567	59	1,030	12.09

SUGAR MADE (1,000 TONS)

1906	429	1911	567	1916	593	1921	522
1907	440	1912	595	1917	645	1922	592
1908	521	1913	547	1918	577	1923	537
1909	535	1914	612	1919	600	1924	691
1910	517	1915	646	1920	556	1925	769

[1] Age of cane equals 18 to 22 months of growth.

Sources: Table 631 and Table 632 prior to 1926, Bureau of Agricultural Economics, Department of Agriculture; table 632, beginning 1926, Hawaiian Sugar Planters Association.

No. 633.—MAPLE SUGAR AND SIRUP: PRODUCTION BY STATES

State and year	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar [1]
CENSUS RETURNS	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
United States:				
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	25,382
1909	18,900	14,024	4,100	46,912
1919	17,457	9,692	3,508	37,754
1920	(2)	1,341	2,341	20,070
DEPARTMENT OF AGRICULTURE				
Total (10 States):				
1924	14,193	4,096	3,574	32,688
1925	14,070	3,238	2,817	25,774
1926	13,948	3,585	3,504	31,617
1927	13,751	3,183	3,429	30,615
1928	13,489	2,189	2,782	24,445
1929	12,858	1,362	2,361	20,250
1930	13,062	2,370	3,641	31,498
1931	12,138	1,646	2,213	19,350
1932	12,091	1,623	2,412	20,919
1933	12,076	1,288	2,186	18,776
1934	12,168	1,271	2,395	20,431
Maine:				
1932	280	9	33	273
1933	255	[3] 10	29	242
1934	260	[3] 15	29	247
Maryland:				
1932	58	22	18	166
1933	58	25	25	225
1934	57	18	17	154
DEPARTMENT OF AGRICULTURE—CON.	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
New Hampshire:				
1932	413	100	83	764
1933	388	46	50	446
1934	380	59	71	627
Vermont:				
1932	5,454	878	981	8,726
1933	5,290	554	625	5,554
1934	5,449	678	971	8,449
Massachusetts:				
1932	257	71	65	591
1933	236	66	36	354
1934	230	105	65	625
New York:				
1932	3,132	341	695	5,901
1933	3,184	388	597	5,164
1934	3,216	284	668	5,628
Pennsylvania:				
1932	664	142	164	1,454
1933	664	108	209	1,780
1934	657	83	199	1,675
Ohio:				
1932	1,105	19	220	1,770
1933	1,216	32	413	3,336
1934	1,216	5	273	2,189
Michigan:				
1932	467	33	98	817
1933	490	35	140	1,155
1934	436	13	72	589
Wisconsin:				
1932	281	8	55	448
1933	295	24	62	520
1934	251	11	30	251

[1] 1 gallon of sirup taken as equivalent to 8 pounds of sugar.
[2] Not called for on schedule.
[3] Not including approximately 200,000 pounds of sugar produced in Somerset County, not on farms.

No. 634.—SUGARCANE AND SIRUP IN SOUTHERN STATES

NOTE.—Sorghum, sometimes confused with sugarcane, is not included. For molasses, a byproduct of sugar refineries and not included in this table, see table 631

State and year	Cane harvested for sirup	Sirup produced
	Acres	*1,000 gallons*
All States:		
1926	115,000	17,011
1927	103,000	16,612
1928	101,000	18,234
1929	105,000	19,335
1930	104,000	16,834
1931	103,000	14,359
1932	110,000	16,985
1933	127,000	19,717
1934 [1]	139,000	22,290
South Carolina:		
1932	6,000	492
1933	6,000	630
1934 [1]	5,000	525
Georgia:		
1932	31,000	4,650
1933	33,000	4,125
1934 [1]	32,000	3,712
Florida:		
1932	10,000	1,600
1933	10,000	1,500
1934 [1]	10,000	1,650
Alabama:		
1932	22,000	2,640
1933	28,000	3,220
1934 [1]	32,000	4,224
Mississippi:		
1932	17,000	2,822
1933	19,000	3,173
1934 [1]	24,000	4,320
Louisiana:		
1932	16,000	3,650
1933	21,000	5,458
1934 [1]	27,000	7,001
Texas:		
1932	7,000	1,029
1933	9,000	1,476
1934 [1]	8,000	800
Arkansas:		
1932	1,000	102
1933	1,000	135
1934 [1]	1,000	68

[1] Preliminary.

Source of tables 633 and 634: Bureau of Agricultural Economics, Department of Agriculture, except Census Returns, table 633, which are from the Bureau of the Census, Department of Commerce.

No. 635.—COTTONSEED AND COTTONSEED PRODUCTS: PRODUCTION, VALUE, AND EXPORTS

NOTE.—Cottonseed production relates to the preceding crop year; other data relate to 12 months ended July 31, except exports, which are for 12 months ended June 30 of year indicated in stub. Tons are of 2,000 pounds

Yearly average or year ended July 31 or June 30—	Cottonseed		Cottonseed products														
			Production				Value					Value per unit				Exports	
	Production	Used in mills	Oil	Meal and cake	Hulls	Linters	All products	Oil	Meal and cake	Hulls	Linters	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 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents per lb.*	*Dollars per ton*	*Dollars per ton*	*Cents per lb.* [2]	*1,000 pounds*	*1,000 tons*
1881–1890	3,018	553	165,810	193			12,164	7,864	4,300			4.7	22.25			34,038	
1891–1900	4,280	1,625	483,015	570	[3] 1,169	[3] 114,544	25,580	13,348	11,733	[3] 3,190	[3] 1,800	2.8	20.58	[3] 2.73	[3] 3.1	191,157	[4] 388
1901–1905	5,139	3,085	890,745	1,130	1,382	167,327	65,148	34,038	22,824	5,400	2,886	3.8	20.19	3.91	3.1	297,888	548
1906–1910	5,258	3,296	990,450	1,339	1,195	282,064	83,424	40,432	32,236	7,242	3,514	4.1	24.07	6.06	2.4	311,463	578
1911–1915	6,353	4,847	1,466,940	2,162	1,527	595,225	143,766	75,334	51,580	10,126	6,526	5.1	23.86	6.63	2.1	290,311	551
1916–1920	5,116	4,285	1,302,050	2,041	1,093	943,474	312,781	179,249	92,191	14,845	26,496	13.8	45.18	13.58	5.4	172,877	301
1921–1925	4,878	3,646	1,125,196	1,654	1,082	578,384	177,947	91,147	61,141	11,539	14,120	8.1	36.97	10.66	4.7	106,371	258
1926–1930	6,784	5,319	1,631,597	2,409	1,495	1,117,754	247,765	132,413	81,514	11,294	22,544	8.1	33.84	7.55	3.9	48,762	328
1922	3,531	3,008	930,475	1,355	937	383,547	136,974	71,508	49,898	8,949	6,619	7.7	36.84	9.55	3.3	91,615	266
1923	4,336	3,242	1,002,922	1,487	944	584,177	173,254	84,818	59,037	12,200	17,199	8.5	39.70	12.93	5.7	64,292	227
1924	4,502	3,308	979,617	1,518	941	642,348	182,137	88,093	59,300	12,737	22,007	9.0	39.06	13.54	6.6	39,418	125
1925	6,051	4,605	1,403,781	2,126	1,331	859,624	240,855	120,665	79,173	13,749	21,268	9.0	37.24	10.33	4.7	53,261	443
1926	7,150	5,558	1,617,015	2,597	1,547	1,068,919	256,027	138,652	81,508	12,649	23,218	8.6	31.39	8.17	4.2	63,230	358
1927	7,989	6,306	1,887,910	2,840	1,854	1,112,019	240,284	142,242	72,476	8,882	16,684	7.5	25.52	4.79	2.9	57,580	495
1928	5,758	4,654	1,476,609	2,093	1,320	977,870	247,827	132,372	80,582	9,995	24,878	9.0	38.50	7.57	4.9	61,470	332
1929	6,435	5,061	1,604,131	2,282	1,368	1,234,287	265,247	133,006	90,706	12,842	27,793	8.3	39.75	9.39	4.3	29,531	286
1930	6,590	5,016	1,572,322	2,232	1,384	1,195,676	229,440	114,892	82,296	12,103	20,149	7.3	36.87	8.74	3.3	31,998	170
1931	6,191	4,716	1,441,882	2,165	1,304	950,177	169,704	91,638	58,623	10,474	8,969	6.4	27.08	8.04	1.8	26,353	44
1932	7,602	5,328	1,694,123	2,401	1,511	1,028,861	102,548	57,546	33,071	5,237	6,694	3.4	13.77	3.47	1.3	41,038	215
1933	5,782	4,621	1,445,681	2,093	1,312	879,262	87,313	47,234	29,467	4,681	5,931	3.3	14.08	3.57	1.3	44,427	151
1934	5,803	4,157	1,302,786	1,889	1,103	947,099	111,925	48,409	39,513	7,513	16,490	3.7	20.92	6.81	3.4	23,189	74
Alabama	432	212	69,238	93	60	49,178	5,954	2,603	2,087	538	726	3.8	22.37	9.03	3.5		
Arizona	43	37	12,237	16	11	7,514	1,020	459	354	68	139	3.8	21.56	6.08	3.5		
Arkansas	467	321	103,946	132	91	85,459	8,553	3,846	2,697	538	1,472	3.7	20.46	5.89	3.3		
California	96	91	29,274	43	23	21,313	2,624	1,118	918	157	431	3.8	21.12	6.85	3.9		
Georgia	490	361	112,697	167	92	72,953	10,201	4,316	3,681	909	1,295	3.8	21.98	9.87	3.4		
Louisiana	212	137	43,949	58	39	34,128	3,766	1,740	1,143	297	586	4.0	19.65	7.61	3.3		
Mississippi	515	465	158,942	191	129	138,074	13,258	6,087	3,687	804	2,680	3.8	19.31	6.23	3.7		
North Carolina	305	231	74,630	116	50	52,330	6,660	2,780	2,494	448	947	3.7	21.53	8.94	3.5		
Oklahoma	563	388	118,711	187	96	81,782	9,635	4,084	3,871	411	1,269	3.4	20.70	4.30	3.0		
South Carolina	326	199	61,880	100	43	46,906	5,864	2,358	2,227	438	841	3.8	22.34	10.22	3.5		
Tennessee	198	302	98,249	126	85	78,704	7,962	3,783	2,560	399	1,220	3.9	20.32	4.69	3.0		
Texas	1,975	1,347	398,229	630	366	271,978	34,724	14,496	13,190	2,425	4,613	3.6	20.95	6.63	3.3		
All other States	181	66	20,904	29	19	15,780	1,695	739	604	81	271	3.5	21.92	4.36	3.3		

[1] Of 500 pounds net. [2] Based on gross weight of bale. [3] Figures for 1900. [4] Six-year average, 1895–1900. Source: Bureau of the Census, Department of Commerce.

No. 636.—COTTON: Production, Consumption, Exports, Imports, and Prices

Note.—Production, consumption, and exports beginning 1914 are in thousands of running bales (counting round as half bales); these items prior to 1914, and net imports, all years, are in thousands of 500-pound bales, gross weight. Production statistics relate to the growth year indicated in the stub. Other statistics for the most part relate to the 12-month period roughly corresponding to the marketing of the crop; there have been minor variations from time to time in the periods covered, but consumption, exports, and imports, beginning 1914, and prices, beginning 1910, are for the 12 months ended July 31 following the year indicated in the stub. Prices for 1902 to 1909 represent the price of the average grade marketed in New Orleans up to April 1 of the following year; from 1910 to date the average price on the farm of all lint cotton throughout the country

COTTON (EXCLUDING LINTERS) [1]

Year or yearly average (growth year)	Production	Consumption	Domestic exports	Net imports	Year (growth year)	Production	Consumption	Domestic exports	Net imports
1790	3	11	(2)	1	1911	16,250	5,400	11,081	229
1800	73	19	32	9	1912	14,313	5,867	9,199	225
1810	178	36	124	(2)	1913	14,795	5,943	9,256	266
1820	335	100	260	(2)	1914	15,906	5,597	8,323	364
					1915	11,068	6,398	5,890	421
1830	732	130	554	(2)					
1840	1,348	245	1,060	1	1916	11,364	6,789	5,300	288
1850	2,136	423	1,854	(2)	1917	11,248	6,566	4,288	217
1860	3,841	842	615		1918	11,906	5,766	5,592	197
1870	4,025	1,027	2,923	2	1919	11,326	6,420	6,545	683
					1920	13,271	4,893	5,745	211
1866–1875	3,104	1,007	2,164	3					
1876–1885	5,452	1,708	3,721	6	1921	7,978	5,910	6,184	352
1886–1895	7,636	2,473	5,174	52	1922	9,729	6,666	4,823	450
1896–1900	10,151	3,455	6,907	115	1923	10,171	5,681	5,656	272
1901–1905	11,007	4,330	7,210	141	1924	13,639	6,193	8,005	303
					1925	16,123	6,456	8,051	314
1906–1910	12,176	4,828	8,002	178					
1911–1915	14,460	5,841	8,751	301	1926	17,755	7,190	10,927	332
1916–1920	11,823	6,078	5,494	319	1927	12,783	6,834	7,540	321
1921–1925	11,528	6,181	6,544	338	1928	14,297	7,091	8,044	442
1926–1930	14,628	6,497	7,992	322	1929	14,548	6,106	6,690	368
					1930	13,756	5,263	6,760	99
1906	13,595	4,974	8,825	203					
1907	11,375	4,493	7,780	141	1931	16,629	4,866	8,708	107
1908	13,587	5,199	8,890	165	1932	12,710	6,137	8,419	124
1909	10,315	4,759	6,492	151	1933	12,664	5,700	7,534	[3] 148
1910	12,006	4,713	8,026	231	1934	9,469	5,360	4,799	[3] 107

LINTERS

1914	832	412	222		1925	1,044	804	104	
1915	945	881	295		1926	1,042	806	257	
1916	1,300	870	439		1927	875	780	193	
1917	1,096	1,119	188		1928	1,080	879	186	
1918	910	458	72		1929	1,038	805	118	
1919	595	342	53		1930	824	714	112	
1920	429	516	51		1931	876	637	116	
1921	382	639	132		1932	741	761	184	
1922	591	646	41		1933	861	767	109	
1923	640	537	116		1934	805	728	205	
1924	858	659	191						

AVERAGE PRICE, UPLAND LINT COTTON, CENTS PER POUND [4]

1700	26.0	1906–1910	11.8	1915	11.2	1931	5.7
1800	44.0	1911–1915	10.4			1932	6.5
1810	15.5	1916–1920	24.9	1916	17.3	1933	[5] 10.2
1820	14.3	1921–1925	22.2	1917	27.1	1934	12.4
				1918	23.8		
1830	9.7	1926–1930	15.4	1919	35.4	1934:	
1840	9.5	1904	8.7	1920	15.8	August	13.1
1850	12.1	1905	10.9			September	13.1
1860	13.0			1921	16.9	October	12.5
1870	17.0	1906	10.0	1922	22.9	November	12.3
		1907	11.5	1923	28.7	December	12.4
1871–1875	16.7	1908	9.2	1924	22.9	1935:	
1876–1880	11.4	1909	14.3	1925	19.6	January	12.3
1881–1885	10.7	1910	14.0			February	12.2
1886–1890	10.3			1926	12.5	March	11.5
1891–1895	7.5	1911	9.6	1927	20.2	April	11.7
		1912	11.5	1928	18.0	May	12.0
1896–1900	6.9	1913	12.5	1929	16.8	June	11.8
1901–1905	9.0	1914	7.3	1930	9.5	July	11.9

[1] Production, consumption, and exports of cotton include linters prior to 1914.
[2] Less than 500 bales. [3] Imports for consumption. [4] See headnote. [5] Revised figures.
Source: Bureau of the Census. See Bulletin 167, p. 57, of that bureau for original sources.

No. 637.—EXPORTS OF UNITED STATES COTTON (INCLUDING LINTERS)[1]

Yearly average or year[2]	Total value (thousands of dollars)	Quantity in thousands of bales, exported to[3]—											
		All countries	Total Europe	United Kingdom	Germany	France	Italy	Spain	Belgium	Russia[4]	China	Japan	Canada
1866–1875	205,285	1,983	1,972	1,433	142	227	17	56	11	53	------	------	4
1876–1885	200,140	3,594	3,553	2,311	336	421	54	125	28	202	------	------	21
1886–1895	227,678	5,121	5,020	2,051	844	536	162	192	120	148	------	[5] 8	64
1896–1900	220,557	6,465	6,163	2,968	1,523	715	367	239	122	86	5	167	96
1901–1905	334,256	7,097	6,769	3,096	1,812	778	431	251	139	121	3	158	113
1906–1910	437,582	7,850	7,508	3,243	2,180	956	486	252	130	99	(6)	183	133
1911–1915	537,044	9,318	8,706	3,804	2,196	1,031	648	327	164	91	16	363	165
1916–1920	765,515	5,920	4,972	2,796	[7] 421	795	614	310	56	48	9	661	211
1921–1925	764,101	6,386	5,405	1,863	1,390	764	584	272	186	83	54	713	189
1926–1930	828,920	8,774	6,984	1,937	2,149	946	758	318	228	335	193	1,244	255
1922	596,379	6,718	5,476	1,807	1,617	820	469	342	186	------	134	895	201
1923	658,983	5,253	4,314	1,403	946	704	572	250	186	7	23	679	217
1924	903,975	5,899	5,129	1,605	1,346	751	564	216	169	120	28	584	152
1925	1,060,080	8,439	7,332	2,623	1,892	951	756	290	224	286	38	850	207
1926	922,737	8,051	6,546	2,257	1,642	903	745	306	200	233	114	1,125	241
1927	855,788	10,927	8,468	2,530	2,738	999	779	339	274	501	272	1,616	260
1928	820,105	7,542	6,170	1,411	1,988	865	687	305	202	424	118	959	223
1929	847,409	8,044	6,212	1,831	1,797	775	717	273	202	318	230	1,309	254
1930	657,727	6,690	5,242	1,256	1,687	812	652	260	170	129	226	1,020	182
1931	420,972	6,700	4,793	1,054	1,640	914	477	251	138	30	429	1,228	190
1932	339,940	8,708	4,804	1,344	1,570	463	649	306	136	------	1,112	2,294	187
1933	342,099	8,419	6,078	1,492	1,849	864	804	313	183	43	301	1,743	176
1934	421,406	7,534	4,987	1,278	1,318	709	649	275	121	50	375	1,846	270
1935	325,685	4,799	2,866	738	342	373	474	240	9	111	108	1,524	256

[1] Linters excluded beginning 1920.
[2] Years ended June 30 prior to 1926; July 31 thereafter.
[3] In 500-pound bales prior to 1926; running bales thereafter.
[4] Includes Finland, Estonia, Latvia, and Poland prior to 1919.
[5] Average, 1891–1895.
[6] Less than 500.
[7] One year only, 1920.

No. 638.—COFFEE: IMPORTS AND REEXPORTS

NOTE.—Imports and reexports in thousands of pounds. Years ended Sept. 30, 1830 and 1840 and June 30 1850 to 1916; 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	13,125	2.99	8.2	1905	1,046,028	37,087	11.98	8.1
1840	94,996	8,698	5.04	9.0	1906	853,800	19,133	9.72	8.6
1850	145,273	15,481	5.58	7.7	1907	986,596	11,627	11.15	7.9
1851–1860	203,190	14,710	6.78	9.0	1908	892,092	17,111	9.82	7.6
1861–1870	173,290	8,229	4.66	10.8	1909	1,051,750	15,188	11.43	7.5
1871–1880	331,925	7,911	7.19	14.7	1910	873,984	13,569	9.33	8.0
1881–1890	613,039	24,725	8.52	10.8	1911	878,322	8,371	9.29	10.4
1891–1895	585,270	8,792	8.61	[1] 10.8	1912	887,748	7,200	9.26	13.3
1896–1900	761,715	21,819	10.07	8.9	1913	886,054	7,135	8.90	13.8
1901–1905	983,464	40,400	11.65	7.1	1914	1,006,362	13,811	10.14	11.1
1906–1910	931,644	15,325	10.29	7.9	1915	1,126,042	70,953	10.62	9.6
1911–1915	952,906	21,494	9.65	11.5	1916	1,203,841	75,818	11.20	9.6
1916–1920 [2]	1,227,523	67,347	11.20	13.5	1917	1,322,059	57,503	12.38	10.1
1921–1925	1,343,579	35,208	11.73	15.4	1918	1,145,956	65,598	10.43	9.0
1926–1930	1,498,291	24,222	12.30	18.9	1918 (6 mos.)	438,472	23,621	------	10.0
1880	578,397	17,265	9.08	12.9	1919	1,341,306	93,021	11.89	19.5
1890	499,159	8,997	7.77	15.7	1920	1,299,743	54,846	11.68	19.5
1891	519,528	8,487	7.94	[1] 18.5	1921	1,345,367	41,821	12.05	10.7
1892	640,211	10,539	9.59	[1] 20.0	1922	1,248,038	35,576	11.04	12.9
1893	563,469	12,074	8.23	14.3	1923	1,412,233	31,899	12.38	13.5
1894	550,934	3,865	8.01	16.4	1924	1,423,758	39,213	12.23	17.5
1895	652,209	8,993	9.24	14.7	1925	1,287,601	[1] 27,833	10.97	22.3
1896	580,598	7,926	8.08	14.6	1926	1,495,517	26,629	12.01	21.6
1897	737,646	13,086	10.04	11.1	1927	1,444,124	24,029	12.01	18.5
1898	870,514	18,823	11.59	7.5	1928	1,460,860	19,318	12.03	21.3
1899	831,827	30,070	10.72	6.6	1929	1,486,253	16,998	12.09	20.4
1900	787,992	39,191	9.84	6.7	1930	1,604,701	34,138	12.75	13.1
1901	857,018	45,835	10.43	7.4	1931	1,749,158	19,879	13.94	10.1
1902	1,092,344	35,125	13.32	6.5	1932	1,508,019	23,074	11.90	9.1
1903	923,254	48,849	10.80	6.5	1933	1,592,006	18,889	12.52	7.0
1904	998,677	35,102	11.67	7.0	1934	1,531,136	19,045	11.96	8.8

[1] Overvalued, due to depreciation of Brazilian paper milreis. [2] Average, July 1, 1915, to Dec. 31, 1920.

Source of tables 637 and 638: Bureau of Foreign and Domestic Commerce

No. 639.—TEA: NET IMPORTS

NOTE.—Quantity, except per capita, in thousands of pounds; value in thousands of dollars; per capita in pounds. Years ended June 30 through 1918; thereafter, calendar years. Beginning 1919, data relate to trade of continental United States only; see headnote, table 638; 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	1923	102,157	28,860	0.92
1840	16,883	4,067	.99	1921–1925	92,230	24,658	.83	1924	90,496	26,608	.80
1850	28,200	3,982	1.21	1926–1930	88,655	26,604	.74	1925	99,567	30,957	.87
1851–1860	21,028	5,361	.76	1915	92,364	16,328	.93	1926	94,512	30,855	.81
1861–1870	32,394	8,969	.91	1916	109,075	20,442	1.08	1927	87,896	27,691	.74
1871–1880	59,536	18,550	1.32	1917	102,739	19,068	1.01	1928	88,843	26,815	.74
1881–1890	76,534	15,071	1.34	1918	147,379	29,469	1.42	1929	88,247	25,444	.73
1891–1895	89,675	13,689	1.34	1918 [2]	76,365	16,461		1930	83,773	22,214	.68
1896–1900	86,217	11,357	1.17	1919	65,074	15,056	.62	1931	85,807	18,455	.69
1901–1905	95,814	13,849	1.18	1920	87,801	23,408	.83	1932	93,857	12,226	.75
1906–1910	93,595	15,211	1.05	1921	75,002	13,797	.69	1933	95,705	13,485	.76
1911–1915	95,237	17,189	.99	1922	93,928	23,067	.85	1934	73,979	15,776	.59

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] June 30 to Dec. 31, 1918.

No. 640.—COCOA AND CHOCOLATE: IMPORTS

[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	1911	140,970	15,261	1923	416,818	34,396
1881–1890	13,504	1,891	1912	148,786	16,590	1924	382,029	30,152
1891–1900	29,408	4,120	1913	143,510	18,177	1925	387,108	39,412
1901–1905	63,600	8,260	1914	179,364	21,504	1926	433,117	44,227
1906–1910	102,304	13,418	1915	194,734	23,478	1927	431,049	58,291
1911–1915	161,473	19,002	1916	244,911	34,602	1928	388,635	49,216
1916–1920	346,583	45,480	1917	390,838	41,674	1929	515,571	51,271
1921–1925	367,907	32,019	1918	360,015	37,972	1930	378,320	32,214
1926–1930	429,338	47,044	1919	392,365	58,342	1931	420,260	23,353
1908	88,505	16,284	1920	344,986	54,811	1932	483,490	20,093
1909	132,661	15,562	1921	306,568	23,566	1933	478,800	19,104
1910	111,070	11,966	1922	347,010	32,571	1934	447,792	19,752

[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.

No. 641.—SILK AND SILK MANUFACTURES: FOREIGN TRADE

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

Yearly average or year [1]	Unmanufactured silk, imports			Silk manufactures, value		Year [1]	Unmanufactured silk, imports			Silk manufactures, value	
	Quantity	Value	Average price per pound	Imports [2] [3]	Exports (excluding reexports)		Quantity	Value	Average price per pound	Imports [3]	Exports (excluding reexports)
1871–1880	[4] 1,340	[4] 6,390	$4.77	27,063	53	1917	43,428	189,753	$4.37	39,763	8,608
1881–1890	5,328	18,775	3.15	34,162	83	1918	48,721	194,109	3.99	28,509	17,982
1891–1900	9,259	26,843	2.90	29,776	268	1919	55,522	341,887	6.16	54,746	23,903
1901–1905	15,798	45,968	2.91	32,215	425	1920	39,660	301,038	7.59	75,419	26,821
1906–1910	20,281	67,414	3.32	33,725	835	1921	52,332	264,723	5.06	48,276	9,672
1911–1915	30,190	82,703	2.74	28,306	2,210	1922	58,467	371,629	6.36	37,413	11,824
1916–1920	45,641	235,332	5.16	47,121	16,735	1923	61,954	401,655	6.48	44,597	11,136
1921–1925	62,030	356,287	5.74	40,941	12,992	1924	60,603	335,041	5.53	37,699	14,148
1926–1930	86,458	374,715	4.33	36,383	17,293	1925	76,795	408,386	5.32	36,719	18,182
1908	16,662	64,547	3.87	32,968	770	1926	77,666	402,676	5.18	40,570	17,788
1909	25,188	79,904	3.17	30,719	926	1927	86,344	399,088	4.62	42,234	15,298
1910	23,457	67,130	2.86	32,898	1,162	1928	88,269	373,331	4.23	41,388	18,648
1911	26,666	74,998	2.81	28,864	1,569	1929	98,016	432,340	4.41	39,037	20,388
1912	26,585	69,542	2.62	24,561	2,009	1930	81,994	266,138	3.25	18,687	14,342
1913	32,102	84,915	2.65	27,596	2,401	1931	89,446	192,288	2.15	16,625	9,563
1914	34,546	100,930	2.92	35,458	2,316	1932	77,586	114,325	1.47	5,933	4,547
1915	31,053	83,131	2.68	25,050	2,754	1933	73,005	103,595	1.42	6,229	4,878
1916	40,872	149,785	3.66	37,110	6,363	1934	60,447	72,528	1.20	6,683	5,176

[1] Fiscal years through 1915; calendar thereafter. [3] Includes artificial silk prior to 1911.
[2] General imports through 1932; imports for consumption thereafter. [4] Raw silk.

Source of tables 639, 640, and 641: Bureau of Foreign and Domestic Commerce.

No. 642.—RUBBER: World Production and United States Imports

Note.—Figures include guayule. Value of imports of rubber (excluding guayule beginning 1911) are shown in table 507. Tons are of 2,240 pounds

Year	World production			United States				Average price per pound, New York	
	Total	Plantation (Middle East)	Wild (tropical America and Africa)	Imports	Reexports	Retained		Fine para	Plantation, ribbed, smoked sheet
						Amount	Share of world production		
	Long tons	*Long tons*	*Long tons*	*Long tons*	*Long tons*	*Long tons*	*Per cent*	*Dollars*	*Dollars*
1910	93,950	10,916	83,034	45,003	2,749	42,254	45.0	1.908	2.066
1911	94,055	17,501	76,554	44,424	2,523	41,901	44.6	1.110	1.413
1912	114,276	33,306	80,970	58,435	2,456	55,979	49.0	1.052	1.216
1913	120,123	53,644	66,479	53,906	1,881	52,025	43.3	.807	.820
1914	123,173	74,587	48,586	64,884	2,618	62,266	50.6	.616	.653
1915	170,826	116,370	54,456	101,093	2,082	99,011	58.0	.557	.657
1916	214,089	161,842	52,247	121,709	4,098	117,611	54.9	.669	.725
1917	278,140	221,452	56,688	183,255	4,000	179,255	64.4	.648	.722
1918	219,684	181,061	38,623	146,132	2,746	143,386	65.3	.549	.602
1919	399,731	348,990	50,741	240,689	2,282	238,407	59.6	.483	.485
1920	342,033	305,106	36,927	253,680	4,160	249,520	73.0	.333	.359
1921	301,512	277,516	23,996	185,452	5,716	179,736	59.6	.182	.165
1922	406,394	379,520	26,874	301,203	4,809	296,394	72.9	.183	.173
1923	408,641	380,058	28,583	310,299	8,772	301,527	73.8	.248	.307
1924	425,991	394,037	31,954	329,322	10,309	319,013	74.9	.212	.264
1925	528,485	488,825	39,660	400,423	14,827	385,596	73.0	.569	.730
1926	624,312	583,210	41,102	417,643	17,671	399,972	64.1	.380	.487
1927	615,255	570,824	44,431	431,246	27,775	403,471	65.6	.268	.381
1928	662,341	630,522	31,819	439,732	32,159	407,573	61.5	.186	.226
1929	863,558	835,543	28,015	565,087	36,485	528,602	61.2	(1)	.206
1930	817,731	797,731	20,000	487,627	30,205	457,422	55.9	(1)	.119
1931	805,879	790,464	15,415	501,787	25,608	476,179	59.1	(1)	.062
1932	707,500	699,290	8,210	414,668	20,937	393,731	55.7	(1)	.035
1933	852,962	840,342	12,620	418,902	20,537	398,365	46.7	(1)	.060
1934	1,016,784	1,003,089	13,695	462,790	23,848	438,942	43.2	(1)	.129

[1] Discontinued.

Source: Bureau of Foreign and Domestic Commerce (compiled from various original sources); prices, Bureau of Labor Statistics, Department of Labor, except plantation 1910 to 1914, from U. S. Rubber Co.

No. 643.—SPRING AND WINTER WHEAT: Acreage and Production

[Acreage in thousands and production in thousands of bushels (number of pounds to a bushel, 60)]

Year	Winter wheat				Spring wheat (including durum)		
	Acreage		Production	Yield per acre (bushels)	Acreage harvested	Production	Yield per acre (bushels)
	Sown[1]	Harvested					
1917	37,981	26,825	389,956	14.5	19,962	229,834	11.5
1918	43,399	37,171	556,506	15.0	23,807	347,624	14.5
1919	51,391	50,404	748,460	14.8	23,296	203,837	8.7
1920	46,505	40,409	613,227	15.2	21,949	230,050	10.5
1921	45,479	43,160	602,793	14.0	21,406	216,171	10.1
1922	47,415	41,649	571,459	13.7	19,748	275,190	13.9
1923	45,408	38,712	555,299	14.3	18,208	204,183	11.2
1924	38,635	35,415	571,558	16.1	17,045	268,533	15.8
1925	40,920	31,962	401,116	12.5	20,479	268,026	13.1
1926	40,603	37,590	631,950	16.8	19,219	201,594	10.5
1927	44,134	38,105	547,666	14.3	21,433	327,067	15.3
1928	48,431	36,853	577,417	15.7	22,373	335,544	15.0
1929	43,918	41,188	586,055	14.2	22,132	236,125	10.7
1930	44,971	40,933	631,205	15.4	21,728	258,497	11.9
1931	45,240	43,080	817,962	19.0	14,023	114,259	8.1
1932	42,283	35,216	478,291	13.6	21,808	267,497	12.2
1933	42,069	28,485	350,792	12.3	19,425	178,183	9.2
1934[2]	41,850	32,945	405,034	12.3	9,290	91,435	9.8

[1] Acreage sown in preceding fall. [2] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 644.—WHEAT: SUPPLY AND DISTRIBUTION AND PER CAPITA DISAPPEARANCE FOR FOOD, FEED, AND WASTE IN CONTINENTAL UNITED STATES

[All figures except per capita in thousands of bushels (number of pounds to a bushel, 60)]

Item	Year beginning July 1—							
	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933	1934
Supply, total	940, 461	1, 075, 823	1, 095, 402	1, 233, 026	1, 277, 953	1, 146, 775	941, 185	815, 779
Stocks, July 1, wheat and flour	136, 122	192, 647	260, 266	323, 958	332, 846	391, 605	400, 621	292, 889
On farms	36, 562	35, 697	44, 979	60, 092	38, 039	92, 772	82, 309	60, 323
In country elevators and mills	30, 991	34, 453	41, 546	60, 166	30, 252	41, 585	64, 296	48, 150
Commercial stocks [1]	25, 519	57, 844	95, 684	109, 327	203, 967	168, 405	123, 712	80, 548
In merchant mills and elevators and stored for others [2]	25, 515	40, 182	48, 279	59, 170	41, 206	71, 714	107, 052	83, 114
In transit to merchant mills [2]	8, 860	12, 092	16, 237	14, 706	12, 496	10, 088	16, 038	14, 066
Flour (in terms of wheat) [3]	8, 676	12, 378	13, 541	20, 497	6, 886	7, 041	7, 214	6, 688
New crop	786, 866	866, 624	822, 180	880, 702	932, 221	745, 788	526, 975	496, 929
Imports, flour included	17, 473	16, 552	12, 956	19, 366	12, 886	9, 382	11, 589	25, 961
Accounted for distribution, total	423, 960	496, 764	551, 682	548, 251	611, 161	528, 946	404, 394	259, 570
Exports (flour included)	207, 237	174, 765	153, 245	131, 475	135, 797	41, 211	37, 002	21, 532
Reexports and shipments to Alaska, Hawaii, and Puerto Rico (flour included)	3, 057	3, 014	3, 049	2, 870	3, 661	3, 479	2, 800	2, 942
Seed requirements	81, 352	85, 210	83, 930	81, 060	80, 098	83, 635	71, 703	75, 476
Carry-over at end of year (June 30) [4]	132, 314	233, 775	[5] 311, 458	332, 846	391, 605	400, 621	292, 889	159, 620
Disappearance for food, feed, and loss	518, 501	579, 059	543, 720	684, 775	666, 792	617, 829	536, 791	556, 209
Per capita (bushels)	4. 60	4. 80	4. 44	5. 54	5. 36	4. 93	4. 26	4. 39

[1] From Bradstreet's visible supply through 1929–30; thereafter, Bureau of Agricultural Economics.
[2] Estimated for 1921–22 to 1924–25; stocks stored for others included beginning July 1, 1930.
[3] *From Chicago Daily Trade Bulletin.*
[4] For individual items see above.
[5] Does not include 12,500,000 bushels stored for others included above in stocks on hand July 1, 1930.

Source: Compiled from various sources by Bureau of Agricultural Economics, Department of Agriculture

No. 645.—COMMERCIAL STOCKS OF CORN, WHEAT, AND OATS AS REPORTED ON SATURDAY NEAREST THE 1ST OF EACH MONTH

NOTE.—All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32. Averages for 1909–13 to 1926–30 are Bradstreet's visible supply. Figures for individual years are as compiled by the Department of Agriculture and represent grain in store in public and private elevators in 41 markets and afloat in vessels or barges in harbors of lake and seaboard ports; they do not include grain in transit, stocks in mills or elevators attached to mills, or private stocks intended for local use. For comparison with earlier years, Bradstreet's visible supply of wheat is given for 1930 in italics. The comparability of figures for corn and oats is not materially affected by the change in source

WHEAT

Year beginning July 1—	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
1909–1913, avg.	24, 168	28, 569	37, 458	48, 202	56, 838	63, 908	66, 229	62, 228	58, 419	53, 802	43, 857	34, 183
1921–1925, avg.	26, 519	34, 513	52, 612	64, 541	66, 786	67, 445	68, 605	62, 988	59, 746	52, 365	43, 975	35, 777
1926–1930, avg.	58, 530	89, 998	128, 003	143, 338	148, 776	146, 039	140, 028	131, 163	128, 506	125, 323	114, 385	102, 554
1930 [1]	*112, 755*	*165, 616*	*201, 541*	*219, 108*	*211, 600*	*207, 479*	*200, 007*	*203, 587*	*208, 102*	*213, 052*	*206, 468*	*206, 196*
1930	109, 327	161, 897	201, 319	223, 826	211, 381	206, 618	199, 649	202, 694	208, 651	214, 242	206, 490	209, 118
1931	203, 491	235, 727	261, 742	256, 327	244, 043	236, 616	226, 874	217, 719	216, 282	207, 215	186, 549	174, 110
1932	168, 405	175, 918	188, 342	194, 858	191, 829	176, 428	168, 465	158, 031	148, 242	135, 552	124, 395	117, 536
1933	123, 712	134, 946	151, 738	156, 652	153, 262	142, 187	132, 511	116, 472	107, 233	97, 132	88, 821	78, 967
1934	80, 548	115, 922	122, 380	120, 075	108, 518	99, 158	90, 937	76, 274	61, 751	51, 882	39, 424	30, 775

CORN

Year beginning Oct. 1—	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1909–1913, avg.	6, 963	4, 968	4, 198	10, 228	14, 796	21, 063	22, 196	12, 337	7, 844	11, 302	6, 601	5, 214
1921–1925, avg.	8, 364	8, 367	8, 637	18, 383	24, 939	33, 557	36, 499	28, 412	19, 343	18, 168	12, 483	9, 072
1926–1930, avg.	12, 167	11, 476	13, 894	21, 611	26, 511	34, 404	36, 208	29, 461	19, 788	16, 557	13, 563	10, 410
1930	4, 710	4, 550	7, 332	17, 190	17, 383	20, 127	22, 174	19, 697	12, 337	7, 279	8, 363	9, 066
1931	5, 587	7, 341	9, 803	12, 664	14, 176	18, 528	22, 693	22, 032	20, 708	16, 117	11, 144	14, 739
1932	18, 705	27, 973	26, 537	30, 633	33, 648	34, 914	36, 151	31, 958	38, 780	48, 618	63, 274	57, 764
1933	59, 791	61, 355	65, 053	70, 540	68, 946	69, 424	66, 314	57, 343	46, 257	38, 312	45, 504	61, 373
1934	63, 803	58, 482	50, 166	42, 752	34, 497	28, 002	21, 352	14, 818	10, 642	7, 491	6, 046	5, 655

[1] See headnote.

No. 645.—Visible Supply of Grain in United States, Etc.—Continued

OATS

Year beginning July 1—	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
1909–1913 avg.	10,780	8,947	20,384	24,864	24,673	23,884	21,688	19,556	18,997	17,816	13,228	10,836
1921–1925 avg.	26,635	23,642	36,887	50,458	54,622	53,636	54,101	53,574	51,956	46,404	38,878	30,056
1926–1930 avg.	15,940	13,312	27,098	31,083	31,075	30,334	29,252	27,241	25,510	21,305	16,911	12,276
1930	11,028	9,102	25,844	32,904	33,265	30,504	30,896	26,770	23,029	19,055	13,930	9,681
1931	8,042	8,021	15,013	17,372	18,180	18,161	16,810	17,096	17,938	15,796	13,621	11,272
1932	10,657	12,627	27,273	28,895	29,084	27,484	26,443	26,116	25,946	24,195	21,878	23,959
1933	28,430	35,589	46,193	50,846	49,870	48,755	47,229	45,177	42,399	38,190	33,013	26,237
1934	23,369	22,732	26,344	26,271	24,245	23,570	23,384	22,332	19,729	15,656	11,686	11,003

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 646.—EXPORTS (EXCLUDING REEXPORTS) AND IMPORTS OF WHEAT, CORN, RICE, TOBACCO, AND FLAXSEED

Note.—Number of pounds to a bushel of wheat, 60; of corn and flaxseed, 56; to a barrel of wheat flour, 196

Yearly average or year ended June 30—	Exports (excl. reexports)			Imports—wheat and flour [1 2]	Year ended June 30—	Exports (excl. reexports)			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	1920	122,431	21,652	219,865	5,496
1857–1861	12,378	3,318	28,970	6,979	1921	203,268	16,180	366,077	57,398
1862–1866	22,530	3,531	40,184	[3] 4,728	1922	208,321	15,797	282,566	17,375
1867–1871	22,107	2,585	35,032	1,818	1923	154,951	14,883	224,900	20,031
1872–1876	48,958	3,416	66,037	1,880	1924	78,798	17,253	159,880	28,079
1877–1881	107,781	5,376	133,263	906	1925	195,490	13,896	260,803	6,201
1882–1886	82,884	8,620	121,675	517	1926	63,189	9,542	108,036	15,680
1887–1891	64,739	11,287	115,520	352	1927	150,250	13,385	219,160	13,263
1892–1896	99,914	15,713	170,624	1,634	1928	145,999	12,821	206,258	15,734
1897–1901	120,247	17,151	197,427	1,280	1929	103,114	12,888	163,688	21,442
1902–1906	70,527	15,444	140,026	993	1930	92,175	12,994	153,247	12,956
1907–1911	62,855	11,841	116,138	706	1931	76,365	11,726	131,477	19,058
1912–1916	129,415	13,185	188,748	2,996	1932	96,521	8,357	135,799	12,886
1917–1921	155,646	19,167	241,899	26,064	1933	20,887	4,324	41,211	9,380
1922–1926	140,149	14,274	207,237	17,473	1934	18,800	3,873	37,002	11,494
1927–1931	114,781	12,763	174,766	16,491	1935	3,019	3,939	21,532	25,184

Yearly average or year ended June 30—	Corn [4]		Rice [5]		Flaxseed		Unmanufactured tobacco	
	Exports [6]	Imports [2]	Exports [6]	Imports [2]	Exports [6]	Imports [2]	Exports [6]	Imports [2]
	1,000 bushels	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*	*1,000 bushels*	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*
1852–1856	7,123	----------	56,515	----------	11	1,133	140,184	5,044
1857–1861	6,558	[7] 48	65,732	----------	7	[8] 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	[9]	[10] 2,018	194,754	5,631
1872–1876	38,561	57	391	72,526	[9]	2,915	241,848	8,886
1877–1881	88,190	42	602	62,615	[9]	1,224	266,315	7,871
1882–1886	49,992	24	567	99,871	[11]	1,541	237,942	13,672
1887–1891	54,606	15	3,210	156,869	[12] 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	45,978	150,914	2,950	234	325,539	33,805
1907–1911	50,568	92	27,195	215,892	2,313	3,249	334,396	42,822
1912–1916	38,774	5,686	90,043	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	[11]	18,198	496,665	93,470
1927–1931	18,941	1,859	315,474	43,734	[11]	18,659	552,707	78,384
1930	10,282	496	289,532	31,212	[11]	19,652	600,181	93,183
1931	3,317	1,747	281,005	35,507	[11]	7,813	591,084	75,426
1932	3,969	386	274,716	20,484	[11]	13,850	432,362	73,378
1933	8,775	[2] 195	182,238	[2] 16,640	[11]	[2] 6,312	390,967	[2] 50,644
1934	4,965	244	104,131	38,837	[11]	17,001	472,630	55,701
1935	2,325	20,427	124,764	72,812	[11]	15,332	353,347	58,227

[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] 1862–1865; no data for 1866.
[4] Exports include meal in terms of grain (4 bushels of corn to 1 barrel of meal).
[5] Includes flour, meal, etc. [6] Excluding reexports. [7] 1858–1861; no data for 1857.
[8] 1857 only; not reported 1858–1861. [9] Less than 500. [10] 1867 and 1868; not reported 1869–1871.
[11] Not reported separately. [12] 3-year average; not shown separately for other years.

Source: Bureau of Foreign and Domestic Commerce.

No. 647.—GRAIN RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS

[All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32]

Yearly average or year beginning—	Total, 13 markets [1]	Total, 10 markets	Chicago	Milwaukee	Minneapolis	Duluth	St. Louis	Detroit	Kansas City	Peoria	Omaha	Indianapolis
					WHEAT							
July 1:												
1914–1920	-------	378,474	60,469	9,655	119,090	51,044	38,228	2,121	67,515	2,232	22,521	4,600
1921–1925	-------	377,846	49,959	5,903	112,209	66,874	37,295	1,636	74,144	2,601	22,541	4,685
1926–1930	-------	417,527	38,369	6,781	105,921	86,924	41,458	1,998	94,057	2,037	35,047	4,934
1928	518,688	474,216	33,755	5,526	121,893	108,268	53,231	1,836	106,417	2,411	37,427	3,452
1929	418,758	375,877	29,780	6,455	91,020	72,650	40,355	1,583	91,720	2,036	34,353	5,925
1930	483,661	444,286	43,397	9,396	101,930	81,787	46,197	1,612	101,634	3,089	50,020	5,224
1931	360,102	313,522	41,059	17,591	54,048	21,818	37,357	1,424	107,202	2,296	25,681	5,046
1932	270,706	241,358	13,102	2,628	73,238	53,966	17,989	1,435	60,113	1,710	13,156	4,021
1933	201,402	180,459	13,735	2,980	49,447	37,580	17,798	1,173	38,887	1,389	13,259	4,211
					CORN							
Nov. 1:												
1914–1920	-------	243,362	101,633	14,788	10,643	[2] 1,348	22,286	3,043	18,263	25,340	26,731	19,469
1921–1925	-------	262,241	115,372	14,538	13,213	5,061	30,749	1,423	18,436	22,221	22,668	18,559
1926–1930	-------	*238,021*	*85,776*	*12,434*	*11,554*	*1,493*	*28,170*	*785*	*29,743*	*22,906*	*23,405*	*22,294*
1928	289,406	267,002	95,265	14,987	12,169	2,257	38,108	703	34,468	27,134	17,355	24,556
1929	254,337	233,849	77,409	13,726	13,325	1,588	25,406	417	29,025	22,882	26,522	23,489
1930	194,903	180,268	59,364	7,984	11,639	2,937	21,008	298	25,961	10,362	18,755	21,960
1931	146,210	138,250	68,937	7,448	6,443	427	14,324	226	7,629	12,244	5,902	14,940
1932	237,498	222,526	89,578	15,825	14,804	8,914	20,982	396	16,930	17,562	16,260	21,266
1933	210,550	194,003	64,011	10,190	19,432	5,502	14,894	503	25,629	16,346	20,565	17,231
					OATS							
Aug. 1:												
1914–1920	-------	271,843	121,664	30,007	31,760	3,963	27,613	4,390	10,295	12,090	15,837	14,234
1921–1925	-------	220,359	71,431	19,646	35,224	12,494	31,186	2,376	9,834	12,833	14,494	10,841
1926–1930	-------	126,894	40,108	10,739	20,884	4,147	20,084	1,007	4,537	7,545	7,176	10,607
1928	137,357	131,755	41,023	7,611	20,899	3,527	24,257	1,143	4,951	7,100	6,853	14,391
1929	134,513	129,324	34,680	12,557	21,409	5,727	19,355	618	6,417	7,796	9,228	11,537
1930	99,468	94,234	21,827	8,290	16,768	7,978	16,381	833	3,821	4,681	4,325	9,330
1931	*67,437*	*62,312*	*25,370*	*2,653*	*7,117*	*1,003*	*5,717*	*747*	*2,058*	*3,236*	*1,708*	*12,553*
1932	100,586	94,590	25,586	3,318	23,977	7,432	7,892	673	2,476	3,661	4,111	15,464
1933	64,093	60,208	17,631	4,498	11,160	7,620	5,230	627	1,723	3,448	1,267	7,004

[1] Includes Sioux City, St. Joseph, and Wichita in addition to markets shown. [2] 1915–1920 average.

Source: Bureau of Agricultural Economics, Department of Agriculture. Compiled from Chicago Daily Trade Bulletin and the annual reports of the Chicago Board of Trade.

No. 648.—GRAIN RECEIVED AT SIX ATLANTIC PORTS

NOTE.—Data are for calendar years. Total receipts by ports include flour and meal reduced to grain equivalent. Receipts at New York, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Baltimore include flour ground by city millers, and therefore duplicate an equivalent quantity of wheat received in grain

	1910	1915	1920	1925	1930	1933	1934
TOTALS BY PORTS	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*
New York, total	93,320	220,607	145,534	189,162	126,383	58,047	60,860
By canal via river	10,168	2,504	4,139	32,767	39,797	20,608	22,285
Coastwise and river	410	7,120	5,906	9	462	1,635	[1] 5,629
By rail	82,742	211,044	135,429	156,386	86,124	35,804	32,955
Boston	22,402	28,097	13,099	11,911	7,918	6,338	6,054
Philadelphia	28,736	69,772	45,148	55,933	13,529	9,031	11,746
Baltimore	32,272	105,856	74,260	35,552	17,693	6,740	9,808
New Orleans	16,213	56,774	72,976	32,039	24,039	10,808	9,391
Montreal, Canada	44,178	68,185	67,044	179,959	110,675	85,125	67,820
COMMODITY							
Flour, 1,000 bbls	16,841	23,279	17,016	23,801	24,291	13,661	13,513
Corn meal, do	1,039	941	77	75	86	142	137
Wheat, 1,000 bu	62,944	200,719	220,298	238,631	167,771	93,488	72,338
Corn, do	42,193	45,434	17,916	13,220	4,829	10,079	9,574
Oats, do	*47,181*	*104,564*	*34,620*	*70,401*	*10,255*	*7,688*	*13,149*
Barley, do	3,929	16,195	16,600	45,191	6,086	2,133	6,072
Rye, do	934	13,928	51,742	23,709	2,245	663	3,240
Total grain, do	157,181	440,829	341,183	397,152	191,186	114,051	104,429
Flour and meal [2], do	79,940	108,522	76,878	107,404	109,651	62,038	61,349
Grand total, do	**237,122**	**549,351**	**418,061**	**504,556**	**300,837**	**176,089**	**165,778**

[1] Excludes coastwise shipments of flour from Pacific and Gulf ports; no reports on that movement.
[2] Grain equivalent.

Source: New York Produce Exchange.

No. 649.—GRAIN PRICES: 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, Northern, 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	No. 2, Minneapolis	No. 1, Minneapolis	No. 2, White, Kansas City
1909–1913	$0.99	$0.95	$0.99	$0.61	$0.60	$0.40	$0.38	$0.64	$0.70	$1.91	$1.34
1914–1920	1.90	1.85	1.83	1.15	1.12	.60	.58	1.02	1.43	3.03	2.17
1921–1925	1.39	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52
1926–1930	1.23	1.16	1.26	.85	.79	.44	.42	.65	.88	2.32	1.31
1919	2.72	2.42	2.24	1.59	1.60	.80	.80	1.43	1.60	4.73	2.41
1920	2.07	1.83	2.23	.62	.59	.51	.48	.74	1.61	2.20	1.06
1921	1.43	1.20	1.25	.55	.54	.35	.32	.55	.92	2.16	1.36
1922	1.20	1.13	1.14	.73	.74	.41	.36	.58	.76	2.59	1.63
1923	1.17	1.05	1.02	.88	.78	.45	.40	.63	.65	2.44	1.51
1924	1.56	1.35	1.58	1.06	1.12	.50	.47	.84	1.14	2.63	1.81
1925	1.61	1.63	1.64	.75	.74	.41	.37	.67	.88	2.53	1.30
1926	1.46	1.35	1.38	.87	.88	.43	.42	.71	.98	2.25	1.20
1927	1.36	1.35	1.40	1.01	.85	.55	.50	.84	1.04	2.21	1.46
1928	1.18	1.12	1.38	.92	.85	.44	.41	.65	.95	2.29	1.38
1929	1.33	1.20	1.30	.83	.80	.44	.42	[3].59	.90	3.11	1.53
1930	.83	.76	.86	.60	.55	.35	.33	[3].47	.51	1.76	.98
1931	.68	.47	.52	.36	.37	.22	.24	[3].48	.42	1.36	.60
1932	.60	.51	.53	.35	.38	.22	.22	[3].39	.41	1.18	.78
1933	.94	.88	.94	.52	.47	.36	.35	[3].70	.69	1.87	.90

[1] Average closing price through December 1920. [2] Price per 100 pounds. [3] Special No. 2.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 650.—MONTHLY AVERAGE FARM PRICES FOR SPECIFIED CROPS

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 yearly average prices, see table 651]

Product	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Wheat:												
1932	44.1	44.0	44.2	43.1	42.4	37.3	35.6	38.5	37.4	34.6	32.8	31.6
1933	32.9	32.3	34.5	44.8	59.0	58.7	86.9	74.7	71.1	63.6	71.1	67.3
1934	69.4	72.0	70.9	68.7	69.5	78.9	78.8	89.6	92.2	88.5	88.1	90.6
1935	89.3	87.9	85.5	90.2	87.8	77.3	76.4	----	----	----	----	----
Corn:												
1932	33.7	32.4	32.2	31.4	30.1	29.4	29.9	30.2	28.0	21.6	19.4	18.8
1933	19.1	19.4	20.6	28.2	38.9	40.2	55.4	48.8	46.5	38.8	40.6	42.0
1934	43.9	45.6	47.1	47.1	48.6	56.0	59.2	72.7	77.4	76.7	75.7	85.3
1935	85.3	84.5	82.7	85.2	84.8	83.3	82.4	----	----	----	----	----
Oats:												
1932	22.7	22.8	22.8	22.8	21.8	19.8	17.5	14.8	14.4	13.1	13.1	13.0
1933	13.4	13.3	13.7	17.0	21.7	23.1	39.1	32.2	32.3	27.9	31.4	31.4
1934	32.5	34.1	33.9	32.6	32.7	38.9	40.6	45.8	50.3	50.5	51.1	53.9
1935	54.6	54.7	54.1	53.5	49.8	41.9	32.2	----	----	----	----	----
Potatoes:												
1932	47.1	44.8	45.7	46.4	47.0	44.4	48.8	51.4	38.0	34.4	34.4	36.8
1933	37.4	37.0	39.0	42.4	43.7	49.4	97.9	131.0	100.8	74.9	68.8	69.4
1934	77.2	87.7	92.0	83.4	73.7	64.4	66.9	68.0	62.8	49.0	45.9	45.4
1935	46.1	45.2	43.6	49.1	44.6	40.9	52.0	----	----	----	----	----
Cotton:												
1932	5.6	5.8	6.2	5.7	5.2	4.6	5.1	6.5	7.2	6.4	5.9	5.4
1933	5.6	5.5	6.1	6.1	8.2	8.7	10.6	8.8	8.8	9.0	9.6	9.6
1934	10.3	11.7	11.7	11.6	11.0	11.6	12.3	13.1	13.1	12.3	12.3	12.4
1935	12.3	12.2	11.5	11.7	12.0	11.8	11.9	----	----	----	----	----
All hay:												
1932	8.60	8.45	8.69	8.74	8.48	7.60	6.95	6.82	6.80	6.54	6.49	6.14
1933	6.03	5.91	5.89	6.12	6.37	6.43	6.99	7.53	7.53	7.54	7.69	7.69
1934	7.78	8.07	8.34	8.59	8.94	9.75	10.18	12.50	13.03	13.40	13.58	13.86
1935	14.02	14.02	13.79	13.67	13.38	12.07	8.88	----	----	----	----	----

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 651.—YEARLY WEIGHTED AVERAGE FARM PRICES OF SPECIFIED CROPS: BY CROP YEARS, FOR THE UNITED STATES AS A WHOLE

NOTE.—Prices for hays and cottonseed are in dollars per ton; cotton and peanuts in cents per pound; timothy, clover, and alfalfa seeds in dollars per bushel; and for all other products, in cents per bushel. Crop year begins in June for apples; in August for cotton, cottonseed, flaxseed, and timothy seed; in September for buckwheat, clover seed, and peanuts; in October for corn and in July for other crops named. For index numbers of prices of farm products by groups see table 566.

Crop year beginning—	Wheat [1]	Corn [1]	Oats [1]	Barley [1]	Rye [2]	Buckwheat [1]	Flaxseed [1]	Potatoes [1]	Sweet potatoes	Apples [1]
1913	79.3	71.8	38.9	53.2	62.9	76.6	123.4	70.6	83.8	91.7
1914	99.4	71.8	44.2	54.1	83.3	81.1	131.3	58.3	84.5	62.5
1915	98.2	68.7	39.5	53.7	85.0	81.5	168.8	73.2	75.0	70.4
1916	144.4	115.3	49.5	82.2	113.0	126.5	230.2	172.6	92.4	89.4
1917	205.8	148.5	71.9	122.3	176.4	167.1	313.0	123.9	118.1	115.4
1918	206.3	153.5	70.0	97.8	152.1	164.7	362.7	125.2	149.1	137.6
1919	216.3	150.7	76.7	124.4	146.9	158.7	442.1	191.1	162.3	174.9
1920	182.6	61.0	53.8	84.4	148.2	125.4	232.8	133.2	140.4	122.5
1921	103.0	52.7	32.2	47.8	86.9	87.9	165.4	113.5	111.9	163.9
1922	96.6	75.2	37.4	49.9	68.1	80.5	207.6	68.0	97.9	102.5
1923	92.6	83.5	40.7	54.6	59.4	95.8	212.5	91.5	120.8	113.0
1924	124.7	105.3	47.8	74.2	95.2	107.4	217.9	71.5	149.7	120.7
1925	143.7	69.9	38.8	61.4	79.1	87.2	226.4	166.3	166.9	125.1
1926	121.7	75.3	40.1	57.9	83.0	87.1	203.2	136.3	118.7	89.5
1927	119.0	84.9	47.1	68.9	83.5	86.9	192.5	108.9	107.7	139.8
1928	99.8	84.3	40.7	56.8	83.6	89.9	193.9	57.2	113.4	108.1
1929	103.4	79.8	41.9	63.9	85.7	96.3	231.2	131.5	114.6	138.6
1930	67.0	69.4	32.2	40.4	44.0	78.9	161.0	91.5	108.2	102.2
1931	39.0	32.1	21.3	32.5	33.6	42.3	116.6	46.1	72.5	65.2
1932	37.9	31.8	15.7	22.0	27.6	43.4	88.1	39.5	53.7	91.6
1933	74.1	52.2	33.4	43.3	61.8	55.8	162.6	82.3	69.7	78.2

Crop year beginning—	Cotton	Cottonseed	Peanuts [2]	All hay (loose) [1]	Prairie hay [1]	Clover hay	Alfalfa hay	Timothy seed [3]	Clover seed [3]	Alfalfa seed [2]
1913	12.5	22.39	4.7	11.49				2.07	7.53	6.91
1914	7.4	16.50	4.4	10.92	7.65	12.75	9.06	2.45	8.36	7.46
1915	11.2	32.65	4.3	10.34	7.00	11.22	9.31	2.72	9.61	8.80
1916	17.3	49.13	5.0	11.21	8.00	11.32	12.76	2.38	9.28	8.70
1917	27.1	66.15	7.1	16.60	13.61	17.69	20.70	3.36	13.35	9.45
1918	28.9	65.23	6.7	19.88	16.69	21.53	20.79	4.02	20.19	10.06
1919	35.4	67.27	9.6	21.00	16.78	23.78	22.75	4.76	27.02	15.70
1920	15.9	22.95	4.8	10.46	10.82	19.38	15.84	3.79	12.67	12.37
1921	17.0	29.72	3.8	11.63	7.68	14.19	10.79	2.64	10.71	8.29
1922	22.9	34.70	5.5	11.64	8.82	13.04	12.86	2.40	10.20	8.87
1923	28.7	42.23	6.6	13.08	8.91	15.06	13.40	2.93	12.14	10.40
1924	22.9	34.08	5.7	12.66	8.70	13.50	13.81	3.21	14.21	11.20
1925	19.6	30.82	4.6	12.77	9.34	14.48	13.05	3.35	15.27	10.51
1926	12.5	21.55	5.0	13.24	10.88	15.07	13.58	2.73	18.20	10.12
1927	20.2	35.04	5.0	10.29	7.72	12.20	11.94	1.84	15.98	9.67
1928	18.0	35.26	4.0	11.22	8.04	12.97	13.73	2.17	16.89	11.70
1929	16.8	30.43	3.8	10.87	8.14	11.98	13.73	1.97	10.45	12.01
1930	9.5	21.93	3.5	11.03	7.26	13.38	12.13	2.50	11.55	10.75
1931	5.7	9.52	2.1	8.68	6.75	9.65	10.05	1.39	7.27	7.34
1932	6.5	10.35	1.5	6.17	4.49	7.74	6.99	.94	5.01	6.67
1933	9.7	14.43	2.8	8.00	5.68	9.53	8.42	1.01	6.10	6.02

[1] Revised beginning with 1919. [2] Revised beginning with 1924. [3] Revised beginning with 1929.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 652.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK BY CANAL

[In cents per bushel]

Calendar year	Average rate	Calendar year	Average rate	Calendar year	Average rate	Calendar year	Average rate
1891	3.53	1902	3.73	1913	4.57	1924	6.73
1892	3.44	1903	4.03	1914	4.27	1925	5.70
1893	4.65	1904	3.14	1915	4.47	1926	4.99
1894	3.13	1905	3.87	1916	5.00	1927	5.27
1895	2.20	1906	4.24	1917	5.50	1928	5.96
1896	3.70	1907	5.07	1918	9.80	1929	4.62
1897	1.84	1908	5.00	1919	8.31	1930	4.76
1898	2.87	1909	3.90	1920	11.05	1931	3.63
1899	2.92	1910	4.08	1921	8.39	1932	2.88
1900	2.51	1911	4.36	1922	8.00	1933	2.23
1901	3.46	1912	4.32	1923	5.86	1934	3.24

Source: Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 653.—FREIGHT RATES ON WHEAT FROM CHICAGO TO NEW YORK

NOTE.—In cents per bushel. For earlier years see Statistical Abstract, 1925, p. 679

Calendar year	By lake and canal	By lake and rail	By all rail [1]	Calendar year	By lake and canal	By lake and rail	By all rail [1]
1897	4.35	7.37	12.32	1916	7.95	9.55	10.08
1898	4.42	4.96	11.55	1917	8.72	9.99	10.08
1899	5.66	6.63	11.13	1918	12.53	12.27	12.90
1900	4.42	5.05	9.08	1919	10.94	11.60	14.70
1901	5.14	5.57	9.92	1920	14.70	15.32	16.68
1902	5.26	5.78	10.60	1921	10.29	10.91	20.10
1903	5.44	6.17	11.33	1922	11.63	11.93	19.65
1904	4.71	5.02	11.11	1923	10.94	12.43	18.00
1905	5.51	6.44	10.20	1924	8.67	10.92	18.00
1906	5.94	6.48	10.50	1925	7.24	10.89	18.00
1907	6.68	6.93	11.30	1926	8.08	12.04	18.00
1908	6.00	6.33	11.70	1927	7.16	11.14	18.00
1909	5.35	6.88	11.70	1928	8.40	11.36	18.00
1910	5.13	6.57	9.60	1929	6.37	10.42	18.00
1911	5.35	5.23	9.69	1930	6.41	10.80	18.00
1912	5.57	6.17	9.60	1931	5.52	10.00	18.00
1913	5.74	7.01	9.60	1932	4.53	8.76	18.00
1914	5.31	6.54	9.60	1933	4.19	7.86	18.00
1915	6.08	7.48	10.08	1934	5.50	7.99	[2] 14.70

[1] Rates beginning with 1900 represent wheat for domestic consumption, lower rates applying on grain for export. The rate on grain for export was 13.09 cents for 1932 and 13.5 for 1933 and 1934.
[2] Rate for July 1 to Dec. 31. Rate for Jan. 1 to June 30 was 18 cents.

Source: New York Produce Exchange.

No. 654.—FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS, CHICAGO TO EUROPEAN PORTS

NOTE.—Rates cover all-rail transportation to New York and steamer to foreign ports. Rail rates on grain and flour are reshipping rates. Steamer rates are berth rates. Owing to the war complete statements of freight averages for 1914 to 1916 are impossible and for 1917, 1918, 1919, and, in the case of a number of ports, for the earlier months of 1920 no figures are available

[Rates in cents per 100 pounds]

Destination	1900	1905	1910	1913	1921	1925	1928	1929	1930	1931	1932	1933	1934
Grain:													
Liverpool [1]	29.49	19.16	18.15	23.39	48.17	33.8	32.32	30.69	30.30	27.77	27.22	29.10	30.40
Glasgow [1]	30.98	20.00	15.91	22.92	(2)	35.3	33.90	34.10	34.70	30.39	27.82	30.20	31.70
London [1]	31.10	20.23	17.75	24.33	(2)	33.4	31.74	30.18	30.30	27.51	27.00	29.10	30.40
Antwerp	------	------	16.05	24.62	45.02	33.9	32.38	32.35	30.75	28.22	27.73	28.50	30.50
Hamburg	------	------	------	26.16	45.76	35.0	33.04	31.19	30.11	28.57	27.58	28.50	30.50
Amsterdam	------	------	------	25.07	40.53	------	33.91	32.75	31.76	27.98	27.59	28.50	30.50
Rotterdam	------	------	------	25.07	48.64	35.5	33.04	31.86	30.67	27.98	27.59	28.50	30.50
Sacked flour:													
Liverpool	27.90	22.40	19.75	30.00	58.63	43.8	43.17	42.19	40.44	36.88	37.46	38.50	38.50
Glasgow	31.56	22.50	21.50	32.00	(2)	46.0	45.17	44.19	43.52	38.42	39.46	40.50	40.50
London	35.01	23.64	22.00	30.50	(2)	43.9	43.17	42.19	40.44	16.88	37.46	38.50	38.50
Antwerp	------	------	------	36.60	55.27	44.3	45.71	43.98	41.54	39.42	40.46	41.50	41.50
Hamburg	------	------	------	37.00	56.15	44.1	45.79	43.02	41.54	39.42	40.46	41.50	41.50
Amsterdam	------	------	------	30.00	55.74	44.6	46.50	44.54	42.35	39.42	40.46	41.50	41.50
Rotterdam	------	------	------	29.00	55.12	44.6	45.71	43.67	41.54	39.42	40.46	41.50	41.50
Copenhagen	------	------	------	40.00	64.01	50.4	53.50	53.50	53.50	51.32	52.46	53.50	47.50
Stockholm	------	------	------	43.00	------	53.5	55.09	56.50	56.50	54.42	55.46	56.50	50.50
Provisions													
Liverpool	48.84	38.49	45.38	51.00	137.13	106.5	117.75	101.50	101.50	101.50	98.00	86.50	90.63
Glasgow	55.31	43.23	46.88	55.31	(2)	106.5	117.75	101.50	101.50	101.50	98.00	86.50	90.63
London	55.87	40.88	47.62	51.00	(2)	106.5	117.75	101.50	101.50	101.50	98.00	86.50	90.63
Antwerp	51.00	43.70	49.44	55.22	104.01	86.5	91.50	97.80	99.00	99.00	96.44	84.00	88.13
Hamburg	50.00	45.75	50.00	55.33	104.87	91.5	95.67	90.50	91.50	91.50	91.75	86.50	90.63
Amsterdam	51.00	45.42	48.00	54.00	104.25	86.5	91.50	97.80	99.00	99.00	96.44	84.00	88.13
Rotterdam	51.00	44.58	47.00	53.00	104.25	86.5	89.00	97.80	99.00	99.00	96.44	84.00	88.13
Copenhagen	55.31	48.66	55.31	60.43	113.00	96.5	101.50	101.50	101.50	104.83	103.01	91.50	95.63
Stockholm	64.50	51.47	56.72	73.14	------	104.0	104.24	102.25	103.00	103.00	103.75	91.50	95.63
Bordeaux	64.12	51.45	57.50	71.25	105.16	106.5	109.83	102.36	111.50	111.50	105.19	84.00	89.48
Havre	------	------	------	69.38	104.20	106.5	109.83	102.36	111.50	111.50	105.19	84.00	89.48

[1] Berth rates to British ports beginning 1922 converted from English money at average exchange rates.
[2] Rates for Liverpool applied to London and Glasgow.

Source: 1900 to 1916, Secretary of the Board of Trade of Chicago; thereafter, compiled in Bureau of Foreign and Domestic Commerce from various sources.

No. 655.—FOOD MANUFACTURING INDUSTRIES: MATERIALS USED AND PRODUCTS

Material and product	Unit	Quantity (thousands of unit specified) 1929	1931	1933	Value (thousands of dollars) 1929	1931	1933
CANNING AND PRESERVING							
Canned and processed vegetables, fruits, and sea foods, all industries [1]					797,839	523,024	457,406
Canned vegetables and soups					325,738	211,296	190,282
Asparagus	Case [2]	2,727	1,878	2,064	15,465	10,392	7,247
Beans	do	30,817	24,151	25,577	69,664	45,587	39,210
Beets	do	1,911	1,465	1,234	4,577	2,374	1,926
Corn	do	15,724	19,377	10,206	36,797	31,492	17,892
Kraut [3]	do	4,224	3,645	3,345	8,422	6,429	5,206
Peas	do	17,546	13,253	13,292	44,508	28,939	28,569
Spaghetti	do	4,239	2,797	3,168	8,320	6,430	5,612
Spinach	do	4,815	1,774	2,546	12,132	3,863	4,932
Pumpkin and squash	do	2,424	1,008	1,753	4,215	1,506	2,323
Tomatoes	do	21,401	13,894	15,900	42,171	21,694	20,377
Tomato juice	do	(4)	3,476	4,171	(4)	6,212	7,181
Tomato sauce	do	952	466	1,867	2,549	1,115	3,219
Canned soups	do	(4)	(4)	10,584	(4)	(4)	27,005
All other	do	24,416	17,728	7,433	76,919	40,263	13,473
Canned fruits					137,399	79,375	82,362
Apples	Case [5]	3,593	2,067	2,554	7,941	3,322	4,171
Apricots	do	4,267	2,116	2,489	17,134	5,501	6,038
Berries	do	2,516	2,035	1,443	10,750	7,981	3,619
Cherries	do	2,141	1,904	2,554	11,781	5,556	6,445
Fruits for salad	do	1,680	1,573	2,242	11,005	6,937	9,188
Grapefruit	do	1,175	1,599	2,280	4,137	3,835	4,860
Peaches	do	8,724	8,617	10,487	35,675	22,640	24,496
Pears	do	4,932	3,918	4,853	24,450	12,124	13,093
All other	do	4,023	4,080	4,739	14,525	11,479	10,421
Dried fruits	Pound	938,699	1,084,385	1,014,069	75,892	60,565	48,422
Apples	do	44,620	44,332	53,288	5,206	3,420	4,169
Apricots	do	43,090	74,138	83,007	7,320	7,348	6,821
Peaches	do	35,850	50,304	48,668	4,308	3,540	2,776
Prunes	do	347,349	447,196	405,227	30,362	19,941	18,103
Raisins	do	421,204	391,921	375,909	23,513	20,539	13,803
All other	do	46,587	76,494	47,970	5,183	5,777	2,752
Ketchup					24,437	15,805	12,786
Kraut, in bulk [6]					4,271	2,664	2,701
Preserves, jams, jellies, etc					47,149	30,405	21,635
Pickles					34,481	28,923	21,467
Prepared mustard					8,155	6,997	5,726
Salad dressings					43,244	29,830	23,424
Sauces					9,013	6,793	4,576
All other					12,066	9,002	4,351
Fish, oysters, etc					75,993	41,359	39,673
Canned fish, oysters, etc					58,470	31,079	31,267
Clams	Case [6]	167	127	150	943	784	908
Oysters	do [6]	455	351	348	2,174	989	1,075
Salmon	do [7]	1,561	1,187	1,137	14,303	7,615	7,806
Sardines	do [8]	9,273	4,118	3,937	18,193	7,117	6,202
Shrimps	do [9]	980	818	860	5,535	3,303	3,479
Tuna	do [10]	1,541	1,190	1,443	10,798	7,213	6,934
All other	do [7]	1,157	697	1,367	6,523	3,968	4,791
Cured fish	Pound	99,789	66,364	(11)	17,523	10,280	8,416
FLOUR, FEED, ETC.							
Grains, ground: [12]							
Wheat	Bushel [13]	516,242	526,098	441,636			
Corn	do [13]	87,453	58,902	42,106			
Oats	do [13]	29,006	11,963	6,004			
Rye	do [13]	9,671	8,107	7,469			
Barley	do [13]	9,499	5,902	4,432			
Buckwheat	do [13]	2,027	1,310	476			
Other grains	do [13]	1,939	1,879	1,006			
Flour, meal, feed, etc., all industries [1]					1,040,185	595,761	535,283
Wheat flour	Barrel [14]	120,040	115,364	100,899	737,309	450,855	428,743
Rye flour	do	1,679	1,563	1,809	9,179	5,383	5,966
Buckwheat flour	Pound	38,453	31,092	16,263	1,570	961	453
Corn meal and flour	Barrel [15]	11,077	8,889	7,593	55,520	28,046	19,549
Other flour	Pound	21,091	16,514		782	411	1,451
Bran and middlings	Ton [16]	4,682	4,826	3,774	141,985	73,672	57,252
Feed, screenings, etc	do	2,472	1,549	1,092	93,840	36,480	21,865

For footnotes, see p. 655.

No. 655.—Food Manufacturing Industries: Materials Used and Products—Continued

Material and product	Unit	Quantity (thousand of unit specified) 1929	1931	1933	Value (thousands of dollars) 1929	1931	1933
CEREAL PREPARATIONS							
Cereal preparations, prepared flour, etc., all industries [1]					188,708	135,676	109,660
Breakfast foods					121,107	100,092	77,240
Made from wheat				359,588	47,385	34,096	33,988
Made from oats	Pound	718,382	836,936	668,997	36,419	29,613	19,189
Made from corn	do	383,867	371,159	312,304	27,458	21,370	18,445
Other	do	58,365	93,992		9,843	14,412	5,618
Prepared flour	do	1,002,399	951,513	910,479	39,076	31,992	29,700
Coffee substitutes	do	19,816	12,327	8,634	5,253	2,608	1,825
All other					3,272	984	894
CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH							
Corn sirup, corn oil, starch, etc., all industries [1]					135,216	87,144	83,471
Cornstarch	Pound	1,046,435	756,549	985,026	39,285	23,877	27,988
Corn sirup (incl. mixtures)	do	1,105,183	980,237	1,066,304	40,553	25,763	24,308
Corn sugar	do	896,121	802,440	826,924	30,217	20,441	18,026
Corn oil	do	176,499	142,215	128,505	20,165	12,250	8,401
All other					4,996	4,813	4,749
BEET SUGAR							
Beets treated	Ton [16]	6,951	7,620	(11)			
All products, total value					108,553	85,873	127,133
Sugar	Ton [16]	1,036	1,165	1,626	100,767	81,812	121,171
Molasses	do	78	86	175	1,169	394	377
Pulp	do	1,461	1,376	2,098	5,231	2,833	4,219
All other					1,386	634	865
CANE SUGAR							
Cane crushed	Ton [16]	2,726	2,559	(11)			
All products, total value					18,326	13,981	18,233
Sugar	Ton [16]	180	176	237	13,750	11,704	15,281
Molasses other than blackstrap	Gallon	7,957	5,095	8,068	1,370	781	1,045
Blackstrap molasses	do	10,874	10,485	9,043	1,088	405	507
Sirup	do	4,625	3,551	3,405	1,341	924	869
All other					777	187	531
CANE SUGAR REFINING							
Raw sugar treated	Ton [16]	5,296	4,034	(11)			
All products, total value					507,389	395,303	337,075
Refinery products					507,198	395,151	337,075
Refined sugar	Ton [16]	5,115	4,430	3,938	502,404	392,199	334,441
Sirup	Gallon	4,320	3,399	3,602	920	720	539
Refiners' blackstrap	do	32,189	20,888	19,609	3,044	1,090	842
Misel. sugar products					830	1,141	1,234
All other products					191	152	
CHOCOLATE AND COCOA PRODUCTS							
Chocolate, cocoa, etc., all industries [1]					119,359	87,125	87,116
Chocolate, except coatings	Pound	152,984	148,880	173,404	48,204	35,220	28,710
Chocolate coatings	do	266,855	252,134	236,462	48,945	34,528	48,945
Cocoa	do	105,694	109,101	119,435	15,054	11,696	10,440
Cocoa butter	do	19,154	23,701	29,900	5,428	3,612	3,206
Other chocolate and cocoa products					1,728	2,070	2,200

[1] Includes beside amounts produced in the industry primarily engaged in making these products, data for similar products made in establishments classified in other industries.
[2] Actual number of cases of all sizes.
[3] See also "Kraut in bulk" under "Pickles, sauces, etc."
[4] No comparable data; included in all other.
[5] See also under "Canned vegetables and soup."
[6] 48 No. 1 cans. [7] 48 1-pound cans. [8] 100 No. ¼ cans.
[9] Forty-eight 5¾-ounce cans for wet pack and forty-eight 5-ounce cans for dry pack.
[10] 48 No. ½ cans. [11] No data.
[12] In "Flour and other grain-mill products" industry only.
[13] Weight of bushel: Wheat, 60 pounds; corn and rye, 56; buckwheat and barley, 48; oats, 32.
[14] 196 pounds. [15] 200 pounds. [16] 2,000 pounds.

Source: Bureau of the Census, Department of Commerce.

29.—FORESTS AND FOREST PRODUCTS

[Data in this section relate to continental United States only except those for national forests which include Alaska, or Alaska and Puerto Rico, as indicated]

No. 656.—FORESTS: Estimated Original Area, Area in 1930, Stand of Saw Timber, and Annual Growth, 1930, by Regions

Note.—Data in the following table are necessarily approximate. The original area and area in 1930 refer only to land capable of producing commercial timber in commercial quantities, and do not include the low-grade woodland and scrub; the 11,000,000 acres in parks, monuments, etc., are excluded from the forest area in 1930. Annual growth relates to acreage specified as growing area, other areas having no growth in excess of decay

Region	Original area (thousand acres)	Area (thousand acres), 1930						
		Total	Saw timber			Cordwood	Fair to satisfactory restocking	Poor to nonrestocking
			Total	Old growth	Second growth			
Total	816,158	494,898	188,645	98,855	89,790	120,881	102,073	83,299
New England [1]	38,908	27,273	13,860	7,976	5,884	4,843	6,145	2,425
Middle Atlantic [2]	69,010	27,139	7,294	26	7,268	10,518	5,908	3,329
Lake [3]	104,320	55,895	5,095	2,664	2,431	8,880	28,166	13,755
Central [4]	103,840	64,249	21,224	1,664	19,560	25,592	12,245	5,188
South [5]	298,040	190,758	57,265	14,338	42,927	52,702	37,236	43,555
Pacific coast [6]	77,120	66,685	44,140	38,892	5,248	6,683	6,190	9,672
North Rocky Mountain [7]	33,490	32,329	17,026	15,172	1,854	5,704	5,933	3,666
South Rocky Mountain [8]	30,230	30,570	22,741	18,123	4,618	5,959	161	1,709

Region	Stand of saw timber (millions of board feet), 1930			Annual growth of usable material on commercial forest areas, 1930					
	Total	Softwoods	Hardwoods	Combined saw-timber and cordwood growth (millions of cubic feet)			Saw-timber growth (millions of board feet)		
				Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
Total	1,667,803	1,485,850	181,953	8,912	4,810	4,102	11,731	8,311	3,420
New England [1]	57,875	32,811	25,064	427	162	265	764	410	354
Middle Atlantic [2]	26,150	8,245	17,905	634	114	520	575	172	403
Lake [3]	35,887	9,193	26,694	644	167	477	116	12	104
Central [4]	34,622	2,900	31,722	1,128	83	1,045	727	41	686
South [5]	199,297	121,449	77,848	4,784	2,994	1,790	6,799	4,946	1,853
Pacific coast [6]	1,041,628	1,038,909	2,719	680	675	5	1,786	1,765	20
North Rocky Mountain [7]	146,388	146,388	----------	416	416	----------	576	576	----------
South Rocky Mountain [8]	125,956	125,955	1	199	199	----------	389	389	----------

[1] Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
[2] New York, New Jersey, Pennsylvania, Delaware, and Maryland.
[3] Michigan, Wisconsin, Minnesota, and North Dakota.
[4] Ohio, Indiana, Illinois, West Virginia, Kentucky, Tennessee, Iowa, and Missouri. Data for Kansas and Nebraska are not available, but these omissions from the central region estimates are unimportant.
[5] Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Texas, and Oklahoma.
[6] California, Oregon, and Washington.
[7] Idaho and Montana.
[8] Wyoming, Colorado, South Dakota, New Mexico, Arizona, Utah, and Nevada.

Source: Forest Service, Department of Agriculture.

No. 657.—STAND OF SAW TIMBER (ESTIMATED): BY REGION AND KIND OF WOOD, 1930

[Quantity in millions of board feet]

Kind of wood	Total	New England	Middle Atlantic	Lake	Central	South	Pacific coast	North Rocky Mountain	South Rocky Mountain
Grand total	1,667,803	57,875	26,150	35,887	34,622	199,297	1,041,828	146,388	125,956
Eastern hardwoods, total	179,283	25,064	17,905	26,694	31,722	77,848			
Oak	60,753	1,048	4,783	6,017	16,315	32,590			
Birch, beech, and maple	49,943	20,073	8,555	13,459	4,401	2,555			
Red gum	15,488		71		874	14,543			
Tupelo	6,342				116	6,226			
Yellow poplar	5,172	18	203		1,635	3,316			
Cottonwood and aspen	4,437	2,022	20	887	222	1,286			
Others	37,098	1,003	4,273	6,331	8,159	17,332			
Eastern softwoods, total	174,598	32,811	8,245	9,193	2,900	121,449			
Southern yellow pine	118,132		597		1,433	116,102			
Spruce and fir	21,533	18,720	1,564	843	175	231			
White and Norway pine	14,672	8,390	3,530	2,392	159	201			
Hemlock	12,198	3,675	2,462	4,612	765	684			
Cypress	4,140				268	3,877			
Others	3,923	2,026	92	1,346	105	354			
Western hardwoods, total	2,720						2,719		1
Western softwoods, total	1,311,252						1,038,909	146,388	125,955
Douglas fir	530,197						484,138	33,933	12,126
Western yellow pine	251,560						178,051	31,938	41,571
True firs	131,933						109,196	14,594	8,143
Western hemlock	86,464						86,464		
Spruce	61,582						12,782	12,513	36,287
Redwood	57,233						57,233		
Lodgepole pine	43,276						2,143	14,556	26,577
Sugar pine	35,516						35,516		
Western larch	26,118						8,043	18,075	
Western white pine	19,508						3,944	15,564	
Others	67,865						61,399	5,215	1,251

No. 658.—NATIONAL FORESTS: AREA AND STANDING TIMBER

NOTE.—In October 1934 it was estimated that there were 17,000,000 acres of State forests, including forest preserves of New York, Hawaiian and Puerto Rican forest reserves, State parks, and other forest lands belonging to States; also 5,000,000 acres of municipal and county forests and parks

State	Net area, 145 forests, June 30, 1934 (acres)	Standing timber, Dec. 31, 1930		State	Net area, 145 forests, June 30, 1934 (acres)	Standing timber, Dec. 31, 1930	
		Saw timber (million board feet)	Cordwood on cordwood area (1,000 cords)			Saw timber (million board feet)	Cordwood on cordwood area (1,000 cords)
Total	182,591,124	633,340	149,142	New Hampshire	500,955	1,067	1,253
Cont'l U.S	141,236,381	552,465	141,528	New Mexico	8,544,053	9,028	
Alabama	[1] 135,248	254	5	North Carolina	[1] [2] 447,052	503	1,080
Arizona	11,388,053	14,059		Oklahoma	122,208		
Arkansas	[1] 1,290,305	1,442		Oregon	13,434,222	152,638	16,113
California	19,175,640	102,251	62	Pennsylvania	[1] 372,584	94	608
Colorado	13,543,050	38,251	8,495	South Carolina	48,247	103	90
Florida	[1] 594,907	171	702	South Dakota	1,072,095	2,910	1,635
Georgia	[1] 346,502	398	554	Tennessee	[1] 392,343	369	263
Idaho	19,620,454	58,275	21,191	Utah	7,523,703	7,283	681
Illinois	10,710			Vermont	31,381		
Louisiana	78,395	5	62	Virginia	[1] 610,963	777	3,470
Maine	33,781	52		Washington	9,607,280	102,309	12,525
Michigan	[1] 649,781	85	160	West Virginia	332,380	75	480
Minnesota	[1] 1,195,645	1,104	4,458	Wisconsin	[1] 328,094	11	15
Montana	16,127,836	30,565	57,680	Wyoming	8,481,264	28,158	9,926
Nebraska	200,026			Alaska	21,342,300	80,875	7,616
Nevada	4,985,104	228	18	Puerto Rico	12,443		

[1] Includes acreage actually acquired under the Weeks law, as amended by the Clarke-McNary law.
[2] Includes 8,394 acres transferred from the Treasury Department.

Source of tables 657 and 658: Forest Service, Department of Agriculture.

No. 659.—NATIONAL FORESTS: Acreage of Land Acquired or Approved for Purchase Under the Weeks Law, as Amended by the Clarke-McNary Law, to June 30, 1934

State and national forest or purchase unit	Total	Area approved for purchase	Area acquired
Total	9,589,213	4,495,772	5,093,441
Cont'l U. S.	9,587,305	4,493,864	5,093,441
Alabama: Alabama	125,524	7,985	117,539
Arkansas, total	660,917	310,594	350,323
Ouachita (part)	380,740	188,035	192,705
Ozark	280,177	122,559	157,618
Florida, total	528,074	281,651	246,423
Apalachicola	252,833	252,833	
Choctawhatchee	77,751	4,254	73,497
Ocala	43,063	17,480	25,583
Osceola	154,427	7,084	147,343
Georgia, total	401,523	55,033	346,490
Cherokee (part)	252,929	51,688	201,241
Nantahala (part)	148,594	3,345	145,249
Illinois, total	40,546	40,546	
Illini	24,497	24,497	
Shawnee	16,049	16,049	
Kentucky: Cumberland	144,123	143,934	189
Louisiana, total	379,407	288,150	91,257
Catahoula	227,403	166,973	60,430
Evangeline	57,512	44,650	12,862
Kisatchie	24,415	6,450	17,965
Vernon	70,077	70,077	
Maine: White Mountain (part)	37,619	3,835	33,781
Michigan, total	968,334	593,424	374,910
Hiawatha	272,023	181,519	90,504
Huron	123,953	26,603	97,350
Manistee	119,317	119,317	
Marquette	170,483	95,816	74,667
Ottawa	282,558	170,169	112,389
Minnesota, total	538,048	311,808	226,240
Chippewa	137,230	136,793	437
Mesaba	100,691	51,560	49,131
Superior	300,127	123,455	176,672
Mississippi, total	670,018	531,386	138,632
Biloxi	108,405	108,405	
Bienville	85,917	85,917	
Chickasawhay	122,611	122,611	
Holly Springs	50,697	50,697	
Homochitto	127,009	68,016	58,993
Leaf River	174,115	94,476	79,639
Mississippi—Cont'd.			
McNeil Experimental Forest	1,264	1,264	
Missouri, total	359,214	348,771	10,443
Clark	146,653	146,653	
Fristoe	140,008	129,565	10,443
Gardner	8,068	8,068	
Gasconade	43,055	43,055	
Pond Fork	12,383	12,383	
Wappapello	9,047	9,047	
New Hampshire: White Mountain (part)	621,952	120,997	500,955
North Carolina, total	474,409	35,821	438,588
Cherokee (part)	11,570	3,193	8,377
Nantahala (part)	166,798	16,448	150,350
Pisgah (part)	296,041	16,180	279,861
Oklahoma: Ouachita (part)	136,334	75,546	60,788
Pennsylvania: Allegheny	401,003	26,372	374,631
South Carolina, total	244,358	154,721	89,637
Nantahala (part)	49,254	1,007	48,247
Wambaw	195,104	153,714	41,390
Tennessee, total	415,600	23,261	392,339
Cherokee (part)	208,209	2,683	205,526
Pisgah (part)	40,083	2,908	37,175
Unaka (part)	167,308	17,670	149,638
Vermont: Green Mountain	64,397	33,016	31,381
Virginia, total	701,842	91,014	610,828
George Washington (part)	573,360	26,089	547,271
Monongahela (part)	44,898	34,484	10,414
Unaka (part)	83,584	30,441	53,143
West Virginia, total	652,671	320,291	332,380
George Washington (part)	85,315	15,191	70,124
Monongahela (part)	567,356	305,100	262,256
Wisconsin, total	1,021,395	695,708	325,687
Chequamegon	591,604	370,379	221,225
Nicolet	429,791	325,329	104,462
Puerto Rico: Luquillo	1,908	1,908	

Source: Forest Service, Department of Agriculture.

No. 660.—NATIONAL FORESTS: Summary of Operations

Note.—Data for revenue for all years and for the first three items for 1933 are for fiscal years ended June 30; all other data are for calendar years. Figures include data for national forests in Alaska

Item	1928	1929	1930	1931	1932	1933	1934
Timber sales:							
Number	13,791	13,864	15,093	15,873	14,362	14,268	16,433
Quantity—M ft.[1]	[2]2,689,916	1,050,894	[2]3,370,417	605,306	352,584	356,792	462,089
Timber cut under sales—do	1,336,614	1,421,188	1,254,963	793,816	383,721	389,500	598,751
Free timber given:							
Number of users	38,165	42,135	53,930	81,618	125,472	134,038	113,821
Timber cut—M ft.[1]	82,442	86,758	116,096	167,680	270,244	265,812	248,243
Value—dolls	90,111	97,518	116,786	162,017	226,947	237,044	210,175
Grazing, kinds of stock: [3]							
Cattle—No	1,335,903	1,322,495	1,315,882	1,338,373	1,361,160	1,366,538	1,389,387
Goats—do	17,070	15,487	13,496	14,645	12,438	11,045	9,124
Swine—do	1,206	853	540	431	528	533	314
Horses—do	51,956	48,171	41,961	37,335	35,105	31,797	29,549
Sheep—do	6,497,081	6,650,719	6,700,846	6,593,583	6,308,500	6,150,921	6,151,489

For footnotes see next page.

No. 660.—National Forests: Summary of Operations—Continued

Item	1928	1929	1930	1931	1932	1933	1934
Revenue, total.....dolls..	5,441,601	6,299,802	6,751,553	4,993,320	2,294,247	2,626,049	3,314,991
From—							
Timber[4].....do....	3,325,245	4,108,595	4,389,803	2,607,618	1,049,108	782,808	1,522,356
Water power.....do....	101,798	113,228	107,493	112,308	116,352	90,192	124,946
Special uses.....do....	285,684	287,119	300,257	301,712	293,157	278,132	297,831
Grazing.....do....	1,713,730	1,740,290	1,942,914	1,960,642	829,960	1,498,209	1,358,688
All other.....do....	15,144	50,570	10,996	11,040	5,670	6,658	10,870

[1] Board measure.
[2] Amount sold is to be cut during a period of years; hence greater than amount cut in these years.
[3] Number actually grazed under permit.
[4] Includes receipts from timber and turpentine sales, timber settlement and trespass.

Source: Forest Service, Department of Agriculture.

No. 661.—FOREST FIRES: Area, Number, and Damage

Note.—Data were compiled from reports by the National Forest Supervisors and from those of cooperating States. Figures for fires on national parks were excluded prior to 1931 and on Indian reservations prior to 1932

Year	Area needing protection	Area protected	Area unprotected[1]	Number of fires		Area burned		Damage[2]	
				On protected area	On unprotected area[1]	On protected land	On unprotected land[1]	On protected area	On unprotected area[1]
	1,000 acres	*1,000 acres*	*1,000 acres*			*1,000 acres*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*
1928	555,822	367,605	188,216	39,260	136,674	4,111	39,431	8,447	74,096
1929	[3]599,565	[3]395,675	203,890	44,076	90,819	4,876	41,354	14,139	87,917
1930	607,921	399,142	208,779	70,832	120,148	5,809	46,457	14,597	51,371
1931	617,324	400,783	216,541	62,174	125,040	6,406	45,200	17,018	50,069
1932	625,865	405,248	220,617	60,500	105,899	3,652	38,410	7,879	45,581
1933	661,619	442,955	218,664	53,287	87,435	3,723	40,167	17,318	42,957
1934	674,704	465,146	209,558	69,318	93,345	4,173	37,648	8,100	37,273

[1] Figures are based upon partial information only, from incomplete reports. Reliable data are not available prior to organized protection.
[2] Figures do not take into account the vast amount of intangible and indirect damage resulting from forest fires, such as that through decay of damaged timbers, replacements of desirable species of trees by less desirable but more fire-resistant ones, soil deterioration and erosion, loss of wild life, uncertain stream flow, interrupted tourist traffic, and the like.
[3] The increase in total acreage is primarily nonforest land.

Source: Forest Service, Department of Agriculture.

No. 662.—FOREST FIRES: Number, Area Burned, and Damage, by Causes, Protected Areas Only

Year	Lightning	Railroads	Campers	Smokers	Débris burning	Incendiary	Lumbering	Miscellaneous	Unknown
Number of fires:									
1929	4,312	3,652	3,837	9,507	5,337	7,930	1,839	4,165	3,497
1930	5,217	4,625	5,011	17,460	9,180	14,394	1,628	6,987	6,332
1931	3,784	2,966	5,287	14,579	7,454	15,472	1,082	6,256	5,294
1932	3,399	2,383	4,969	15,538	7,582	16,410	583	5,337	4,299
1933	3,347	2,182	4,098	14,707	6,859	12,097	801	5,929	3,267
1934	6,229	3,070	4,595	15,806	9,632	17,515	902	5,929	5,640
Area burned (acres):									
1929	355,940	119,060	319,480	807,340	585,940	1,652,870	359,420	447,010	229,260
1930	108,630	259,120	294,960	1,044,460	736,460	1,706,090	175,540	623,310	802,250
1931[1]	221,160	141,580	396,830	927,620	644,900	2,224,570	146,900	1,002,420	672,350
1932[1]	29,400	59,190	413,310	554,530	423,680	1,493,760	60,280	304,560	270,150
1933[1]	36,530	79,640	253,150	574,430	383,850	995,240	326,440	585,790	229,110
1934[1]	401,500	133,150	162,420	568,000	637,410	1,445,060	118,720	380,300	222,700
Damage (dollars):									
1929[1]	1,723,920	580,410	784,450	2,358,440	859,440	3,732,750	2,401,950	1,144,030	500,530
1930[1]	331,720	1,005,450	572,310	2,344,420	1,706,590	2,934,020	449,880	1,630,630	3,200,570
1931[1]	1,660,310	769,260	825,190	1,936,000	1,243,060	4,785,410	883,690	3,185,610	1,237,420
1932[1]	41,270	156,230	784,180	1,704,700	942,360	2,032,140	87,910	537,220	988,670
1933[1]	68,240	246,520	888,960	888,500	686,940	3,138,280	10,505,210	840,550	388,710
1934[1]	453,350	286,080	322,550	2,186,230	970,760	2,063,170	320,080	770,550	482,880

[1] Totals by causes for these years are less than total area burned or total damage, shown in tables 661 and 663 because of incomplete reports. See also note 2, Table 661, regarding data for damage.

Source: Forest Service, Department of Agriculture.

No. 663.—FOREST FIRES: CLASSIFICATION OF AREA BURNED AND DAMAGE, PROTECTED AREAS ONLY

AREA BURNED

Year	Productive forest (acres)			Nonproductive area (acres)				Grand total (acres)
	Mature or merchantable	Young growth	Total	Protection		No protection or forest value	Total	
				Forest	Other			
1928	746,250	2,028,550	2,774,800	78,370	1,165,180	92,340	1,335,890	4,110,690
1929	953,720	2,337,580	3,291,300	340,750	855,470	388,800	1,585,020	4,876,320
1930	1,322,160	3,399,800	4,721,960	65,870	759,180	262,310	1,087,360	5,809,320
1931	1,272,470	2,874,690	4,147,160	278,710	1,577,950	402,050	2,258,710	6,405,870
1932	726,730	2,054,720	2,781,450	136,430	561,570	172,760	870,760	3,652,210
1933	816,560	1,937,080	2,753,640	71,460	626,710	271,110	969,280	3,722,920
1934	874,770	2,044,660	2,919,430	889,320		364,290	1,253,610	4,173,040

DAMAGE [1]

Year	Timber	Reproduction	Forage	Other	Total	Protection forest value	Grand total
1928	$2,463,050	$2,551,130	$612,660	$2,305,690	$7,932,530	$514,310	$8,446,840
1929	5,965,850	3,664,750	403,100	2,911,650	12,945,350	1,193,200	14,138,550
1930	5,895,240	6,007,200	325,690	1,771,100	13,999,230	598,050	14,597,280
1931	6,821,070	5,491,850	215,820	2,751,750	15,280,490	1,737,610	17,018,100
1932	2,760,770	2,577,800	125,970	1,831,030	7,295,570	583,920	7,879,490
1933	12,189,920	3,295,840	146,600	1,287,000	16,919,360	399,080	17,318,440
1934	2,747,450	2,992,190	164,850	1,334,540	7,239,030	861,230	8,100,350

[1] See footnote 2, table 661.

No. 664.—ESTIMATED QUANTITY OF TIMBER REMOVED ANNUALLY FROM FORESTS

NOTE.—Data, except for timber destroyed by disease, insects, etc., are based upon the average of the years 1925–1929; timber destroyed by disease, insects, etc., average of the years 1919–1929

Product and waste	Unit of measure	Quantity in thousands	Total volume removed, including cordwood [1] (M cubic feet)	Equivalent in lumber which could have been sawed from total volume removed (M feet b. m.)		
				Total	Softwoods	Hardwoods
Aggregate			16,306,207	59,133,839	44,254,914	14,878,925
Products, total			14,495,308	54,641,444	40,228,682	14,412,762
Lumber	Foot, b.m.[2]	38,000,000	7,371,372	38,000,000	30,957,920	7,042,080
Fuelwood	Cord	61,269	4,002,635	7,047,000	4,146,000	2,901,000
Ties, hewed	Piece	53,215	633,034	2,025,165	836,553	1,189,612
Fence posts	do	395,946	628,836	1,299,459	654,438	645,021
Pulpwood	Cord	5,336	588,666	1,473,620	1,316,815	156,805
Mine timbers (round)	Cu. ft	184,875	231,780	155,988	43,626	112,362
Veneer logs	Foot, l. s.	920,034	230,607	1,033,708	332,691	701,017
Slack staves	Piece	979,610	109,345	487,861	179,780	308,081
Slack heading	Set	67,706	42,452	203,016	129,737	73,279
Slack hoops	Piece	138,939	10,053	41,626		41,626
Logs and bolts in manufactures.	Foot, l. s.	593,328	150,575	677,960	109,443	568,517
Tight staves	Piece	307,167	97,116	460,378	224,822	235,556
Tight heading	Set	26,609	43,733	199,372	74,138	125,234
Shingles	Piece	6,298,100	138,558	629,810	629,810	
Export logs and hewn timbers.	Foot, l. s.	307,570	60,514	340,535	320,503	20,032
Poles	Piece	3,443	37,571	149,374	131,859	17,515
Distillation wood	Cord	1,283	36,367	88,970	11,300	77,670
Piling	Piece	1,363	28,978	141,527	108,497	33,030
Tanning extract wood	Cord	418	26,173	118,950		118,950
Excelsior wood	do	179	20,943	67,125	21,750	45,375
Destroyed by fire			870,690	1,390,233	1,250,948	139,285
Destroyed by disease, insects, wind, and drought.			940,209	3,102,162	2,775,284	326,878

[1] The cordwood data in this item include trees of less than saw-timber size on saw-timber and cordwood areas.

[2] Lumber tally measure.

Source of tables 663 and 664: Forest Service, Department of Agriculture. Data in table 664 are based in part upon forest products statistics of the Bureau of the Census, Department of Commerce.

No. 665.—LUMBER: Reported Production, by Species, and Average Value

Note.—For 1889, 1914, 1921, 1923, 1925, and 1927 custom mills are excluded and beginning with 1911 for each year except 1919 mills cutting less than 50,000 board feet are excluded. Custom mills are much less important in recent years than formerly

[Quantities in millions of board feet; average mill values per 1,000 board feet]

Year (calendar)	Production			Average mill value	Year (calendar)	Production			Average mill value
	Total	Hardwood	Softwood			Total	Hardwood	Softwood	
1869	12,750			(1)	1922	31,569	4,925	26,644	$26.15
1879	18,091			(1)	1923	37,166	6,262	30,904	31.78
1889	23,842			$11.41	1924	35,031	6,525	29,406	28.57
1899	[2]35,078	8,634	26,146	11.13	1925	38,339	6,628	31,710	28.02
1909	44,510	10,613	33,897	15.38	1926	36,936	6,467	30,469	27.34
1912	39,158	8,032	30,526	15.35	1927	34,532	6,090	28,442	25.80
1913	38,387	8,084	30,303	(1)	1928	34,142	5,797	28,345	25.51
1914	37,346	7,939	29,407	(1)	1929	36,886	7,073	29,813	26.94
1915	37,012	7,527	29,485	14.04	1930	26,051	4,720	21,323	22.81
1916	39,807	8,476	31,332	16.32	1931	16,523	2,671	13,852	18.56
1917	35,831	6,657	29,174	20.32	1932	10,151	1,406	8,746	15.12
1918	31,890	6,223	25,667	24.79	1933	13,961	2,062	11,899	18.55
1919	34,552	7,145	27,407	30.21					
1920	33,799	6,989	26,810	38.42					
1921	26,961	4,775	22,186	23.47					

Species	Production by species								
	1899	1909	1919	1927	1929	1930	1931	1932	1933
Softwoods:									
Yellow pine	9,659	16,277	13,063	10,891	11,030	7,450	4,430	3,069	4,446
Douglas fir	1,737	4,886	5,902	8,443	8,689	6,453	4,648	2,904	3,909
White pine	7,742	3,000	1,724	1,344	1,248	1,100	716	433	532
Hemlock	3,421	3,051	1,755	2,071	2,099	1,517	960	337	416
Ponderosa pine (Western yellow pine)	945	1,500	1,755	2,790	3,288	2,594	1,822	1,288	1,690
Spruce	1,442	1,749	980	529	564	442	234	156	198
Cypress	496	956	656	610	532	491	332	165	158
Redwood	360	522	410	570	486	403	211	136	164
Cedar	233	346	332	306	300	238	150	86	111
Larch	51	421	388	288	245	174	85	50	48
White fir		80	223	280	307	207	121	52	67
Sugar pine	54	97	134	282	349	205	106	48	85
Balsam fir		109	68	16	38	8	11	4	3
Lodgepole pine		24	16	13	31	30	25	19	12
All other softwood	9								
Hardwoods:									
Oak	4,438	4,414	2,708	2,013	2,574	1,662	954	516	698
Maple	633	1,107	857	774	824	601	328	160	221
Gum, red and sap	285	707	851	1,101	1,104	694	343	202	386
Yellow poplar	1,115	859	329	335	436	258	172	86	111
Chestnut	207	664	540	264	268	151	89	48	50
Birch	133	452	375	327	374	284	172	73	81
Beech		511	359	154	187	138	81	42	44
Basswood	308	399	184	146	133	96	57	21	37
Elm	457	347	194	161	176	110	57	20	33
Cottonwood	415	206	144	104	165	158	77	49	108
Ash	269	291	155	137	152	116	68	34	54
Hickory	97	334	170	52	57	30	14	8	11
Tupelo		97	144	267	307	254	135	89	123
Walnut	39	46	39	65	72	36	23	9	22
Sycamore	30	57	28	29	58	26	23	8	11
All other hardwood	209	62	61	163	186	113	77	40	72

[1] Not available.
[2] Includes 298,000,000 board feet of lumber not reported by kinds of wood.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 666.—LUMBER: Reported Production by Regions and States

[In millions of board feet. See headnote, table 665]

Region and State	1889	1899	1909	1919	1929	1930	1931	1932	1933
United States	23,842	35,078	44,510	34,552	36,886	26,051	16,523	10,151	13,961
Northeastern	4,726	5,709	5,197	2,584	1,232	994	603	388	417
Maine	597	785	1,112	596	258	222	152	102	105
New Hampshire	277	572	650	339	192	182	94	61	101
Vermont	384	376	352	218	120	94	61	40	30
Massachusetts	212	344	361	167	72	82	43	39	24
Connecticut	49	108	168	87	30	21	13	5	7
New York	925	878	681	368	160	110	74	39	36
New Jersey	34	74	62	37	16	12	7	5	5
Pennsylvania	2,133	2,333	1,463	630	314	209	123	73	93
Maryland	82	184	268	113	55	48	20	18	12
Rhode Island	8	19	25	11	7	7	3	3	3
Delaware	23	36	55	27	10	8	4	4	1
Central	3,130	5,643	5,487	3,016	2,347	1,367	821	417	530
Ohio	565	990	543	280	176	108	53	32	38
Indiana	755	1,037	556	282	170	98	53	27	42
Illinois	222	388	170	65	38	25	18	8	8
Missouri	402	724	660	321	228	127	75	35	41
West Virginia	302	778	1,473	763	633	406	247	135	185
Kentucky	423	775	861	512	339	189	111	51	47
Tennessee	460	951	1,224	792	764	414	263	128	169
Southern States	3,718	8,404	14,786	12,704	12,484	8,140	4,721	2,973	4,510
Georgia	575	1,312	1,342	894	1,386	753	460	204	473
Florida	412	790	1,202	1,137	1,137	876	577	320	439
Alabama	589	1,101	1,691	1,799	2,059	1,342	732	544	757
Mississippi	454	1,206	2,573	2,390	2,069	1,484	863	531	792
Arkansas	538	1,624	2,111	1,772	1,348	869	508	277	514
Louisiana	304	1,115	3,552	3,164	2,232	1,607	949	567	836
Texas	843	1,232	2,099	1,380	1,452	1,045	556	405	594
Oklahoma	3	22	226	168	200	163	77	65	105
North Carolina Pine States	1,129	2,712	5,177	3,374	2,979	2,018	1,283	964	1,256
Virginia	416	959	2,102	1,008	708	495	311	227	321
North Carolina	515	1,287	2,178	1,654	1,202	815	501	383	513
South Carolina	199	466	898	622	1,068	707	450	354	422
Lake States	8,251	8,750	5,476	2,692	1,771	1,326	713	290	394
Michigan	4,300	3,018	1,890	876	571	467	257	111	160
Minnesota	1,084	2,342	1,502	700	357	222	95	58	49
Wisconsin	2,866	3,389	2,025	1,116	843	637	360	120	186
Pacific States	2,028	2,901	6,905	8,818	14,149	10,670	7,494	4,545	6,147
Washington	1,064	1,429	3,863	4,961	7,302	5,502	3,908	2,261	3,106
Oregon	446	735	1,899	2,577	4,784	3,654	2,628	1,604	2,256
California and Nevada	[1] 518	738	[1] 1,144	1,280	2,063	1,514	[1] 958	681	[1] 785
Rocky Mountain States	249	556	1,292	1,299	1,843	1,462	873	554	674
Montana	90	256	309	287	389	297	158	111	125
Idaho	28	65	646	765	1,029	840	500	248	316
Arizona	5	36	93	74	175	95	85	58	90
New Mexico	26	31	92	87	148	143	59	72	89
Colorado	80	134	142	65	72	55	48	39	34
Utah	14	18	13	12	5	6	6	5	8
Wyoming	6	17	20	9	26	25	17	21	11
All other	612	401	[2] 179	65	81	73	37	21	34
Iowa	571	352	132	18			[3] 7	2	[4] 4
Kansas	4	11	[2] 16	3	20	13	4	1	[5]
Nebraska	9	5					[5]		
North Dakota	7	2							
South Dakota	21	32	31	43	61	59	27	17	30
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	3.8	3.6	3.8	3.0
Central States	13.1	16.1	12.3	8.7	6.4	5.2	5.0	4.1	3.8
Southern States	15.6	24.0	33.3	36.8	33.8	31.3	28.6	29.3	32.3
North Carolina Pine States	4.7	7.7	11.6	9.8	8.1	7.7	7.6	9.5	9.0
Lake States	34.6	24.9	12.3	7.8	4.8	5.1	4.3	2.8	2.8
Pacific States	8.5	8.3	15.5	25.5	38.4	41.0	45.4	44.8	44.1
Rocky Mountain States	1.1	1.6	2.9	3.7	5.0	5.6	5.3	5.5	4.8
All other	2.6	1.1	.4	.2	.2	.3	.2	.2	.2

[1] California only; for 1909 Nevada included with "All other." [2] Includes Nevada.
[3] Includes Nebraska. [4] Includes Kansas. [5] Included with Iowa.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture

No. 667.—LUMBER: Average Mill Value per 1,000 Board Feet

Kind of wood	1899	1909	1919	1925	1927	1928	1929	1930	1931	1932	1933
All kinds [1]	**$11.13**	**$15.38**	**$30.21**	**$28.02**	**$25.80**	**$26.61**	**$26.84**	**$22.81**	**$18.56**	**$15.12**	**$18.55**
SOFTWOODS											
Balsam fir	(2)	13.90	32.23	26.65	25.92	25.40	25.49	26.72	19.34	19.32	19.79
Cedar	10.91	19.95	35.80	38.80	34.39	38.32	34.83	31.14	24.08	24.55	25.91
Cypress	13.32	20.46	38.38	40.90	39.91	36.18	35.29	33.10	30.64	24.62	26.30
Douglas fir	8.67	12.44	24.62	20.94	19.45	19.02	20.05	16.91	12.05	10.61	13.57
Hemlock	9.98	13.95	29.16	21.58	19.06	18.84	18.90	17.04	14.13	12.39	14.27
Larch (tamarack)	8.73	12.68	23.39	18.25	17.69	18.34	18.35	17.18	14.18	10.76	13.34
Lodgepole pine	(2)	16.25	29.98	20.22	20.82	19.29	17.97	17.64	14.46	12.45	16.23
Ponderosa pine (western yellow pine)	9.70	15.39	27.75	27.70	26.04	26.35	26.47	23.52	20.48	16.88	18.57
Redwood	10.12	14.80	30.04	33.99	33.81	31.39	31.00	30.33	26.82	24.33	26.29
Spruce	11.27	16.01	30.76	27.98	26.59	26.50	26.64	23.66	23.00	17.73	18.89
Sugar pine	12.30	18.14	35.99	44.79	43.22	39.06	43.08	38.10	28.76	20.26	27.95
White fir	(2)	13.10	25.66	22.51	19.92	20.00	20.63	17.57	14.94	12.23	15.30
White pine	12.69	18.16	32.83	32.58	29.90	28.71	29.87	27.81	24.71	21.58	21.45
Yellow pine	8.46	12.69	28.71	26.46	23.77	24.62	25.66	21.06	16.99	13.32	17.91
HARDWOODS											
Ash	15.84	24.44	52.69	48.46	43.82	45.61	43.14	39.72	41.00	28.74	33.23
Basswood	12.84	19.50	40.03	39.76	39.84	39.72	39.88	35.31	28.54	23.81	29.19
Beech	(2)	13.25	29.98	29.21	27.21	28.63	28.39	25.89	22.93	17.97	22.75
Birch	12.50	16.95	35.79	41.68	41.03	40.30	39.35	36.39	30.95	26.26	29.02
Chestnut	13.37	16.12	32.30	30.37	29.35	31.09	29.51	23.91	22.50	17.87	23.01
Cottonwood	10.37	18.05	32.24	26.70	30.92	27.54	29.70	22.73	19.54	16.49	22.18
Elm	11.47	17.52	36.39	36.41	36.22	37.89	35.28	30.20	25.37	19.07	23.09
Gum, red and sap	9.63	13.20	32.68	31.39	32.81	31.91	34.42	27.67	22.58	16.84	23.01
Hickory	18.78	30.80	44.37	39.25	37.08	38.83	40.33	33.00	32.65	29.85	26.27
Maple	11.83	15.77	35.56	39.18	35.35	36.31	36.93	34.45	28.80	22.82	30.51
Oak	13.78	20.50	37.87	37.00	35.72	35.23	38.43	29.29	27.08	22.84	28.53
Sycamore	11.04	14.87	30.32	31.11	29.31	30.06	30.07	26.54	22.40	18.71	22.78
Tupelo	(2)	11.87	28.42	24.66	24.45	25.51	25.39	23.47	19.05	17.40	22.01
Walnut	36.49	43.79	72.13	111.53	111.64	112.54	119.15	100.75	90.44	57.87	77.61
Yellow poplar	14.03	25.39	41.65	43.44	38.58	40.90	41.56	35.19	30.02	20.02	29.91

[1] Includes species not shown separately. [2] No data.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Dept. of Agriculture.

No. 668.—VENEERS: Timber Consumed in Manufacturing Veneers

[In thousands of feet, log scale]

State	1927	1929	1931	1933
Total	961,561	1,112,910	696,350	700,234
Alabama	41,424	43,221	24,364	26,018
Arkansas	57,611	63,363	36,001	24,908
California	18,379	28,698	14,463	16,651
Florida	77,321	96,199	56,657	67,097
Georgia	38,646	40,388	29,762	34,911
Illinois	11,414	15,821	8,539	6,546
Indiana	25,092	30,779	17,147	14,182
Kentucky	24,193	21,437	11,121	10,281
Louisiana	36,012	47,617	31,030	22,898
Michigan	20,811	20,434	11,316	9,786
Mississippi	80,218	75,427	43,798	48,318
New York	27,364	37,377	18,723	15,336
North Carolina	78,171	96,417	52,266	51,216
Oregon	32,091	55,644	23,978	32,616
South Carolina	35,311	48,960	28,194	24,627
Tennessee	25,586	24,710	15,642	17,743
Texas	29,216	32,488	30,965	22,980
Virginia	33,319	24,688	32,314	34,122
Washington	140,319	181,826	135,370	159,990
Wisconsin	37,864	38,724	21,160	10,573
All other	92,199	88,692	53,540	48,445

Kind of wood [1]	1925	1927	1929	1931
Domestic, total	720,865	943,993	1,095,244	688,815
Basswood	9,413	11,885	13,920	7,028
Beech	4,708	11,268	17,358	14,130
Birch	51,490	51,331	47,715	23,213
Cottonwood	39,869	43,456	51,742	43,707
Douglas fir	101,869	101,220	162,415	101,293
Elm	8,503	16,945	19,459	20,937
Maple	23,922	24,706	35,617	24,563
Oak	20,561	19,502	20,409	8,908
Red gum	237,465	250,247	285,035	201,297
Spruce	20,033	53,642	38,198	40,364
Tupelo	48,311	113,729	85,123	59,116
Walnut	17,573	20,786	25,393	8,524
Yellow pine	45,818	92,153	119,785	60,128
Yellow poplar	59,770	56,899	71,989	38,151
All other	40,460	76,224	96,586	37,456
Imported, total	13,734	17,568	17,669	7,595
Mahogany	7,471	11,954	8,741	2,437
Spanish cedar	5,149	4,829	3,917	2,044
All other	1,114	785	10,008	3,054

[1] Data by "kind of wood" not called for on schedule for 1933.

Source: Bureau of the Census, Department of Commerce.

No. 669.—LATH AND SHINGLES: PRODUCTION

[Lath in thousands and shingles in squares.]

Shingles were reported in thousands prior to 1933 and were converted to squares on the basis of 800 shingles to the square.

Year (calendar)	Lath	Shingles	Year (calendar)	Lath	Shingles
1899	2,523,998	15,127,521	1926	3,083,130	7,510,433
1909	3,703,195	18,634,214	1927	2,372,333	8,054,835
1919	1,724,078	11,400,880	1928	1,903,837	7,004,613
1920	1,952,983	7,695,520	1929	1,705,858	7,638,340
1921	1,970,606	8,553,984	1930	1,097,255	4,055,138
1922	2,940,714	10,164,053	1931	614,250	3,392,465
1923	3,328,013	9,383,586	1932	406,089	2,639,125
1924	2,961,200	8,577,981	1933	408,192	3,662,250
1925	3,161,137	9,155,034			

State	Lath				Shingles			
	1929	1931	1932	1933	1929	1931	1932	1933
Alabama	33,478	11,686	8,870	2,915	12,370	4,029	2,560	2,438
Arkansas	13,906	4,492	2,485	8,553	6,010	4,333	3,171	200
California	54,166	15,418	9,392	7,829	139,294	38,370	20,909	61,121
Florida	107,036	51,316	30,348	30,626	48,739	23,925	7,180	7,208
Georgia	12,457	4,668	600	3,905	31,216	9,848	11,293	1,087
Idaho	92,813	37,358	13,676	18,393	22,610	----	5,415	13,966
Louisiana	71,458	25,760	29,887	18,033	17,131	25,676	23,323	24,572
Maine	73,707	4,792	10,529	14,644	120,183	80,335	48,429	38,486
Michigan	17,520	5,566	2,176	2,252	44,999	9,630	6,204	13,666
Minnesota	56,653	15,651	6,421	9,979	63	125	----	----
Mississippi	87,937	23,298	21,186	25,683	13,948	3,301	3,743	1,575
Montana	17,002	6,761	4,361	7,411	25	125	291	286
North Carolina	8,206	1,545	331	907	30,301	8,326	3,748	45
Oregon	236,716	103,015	61,535	60,170	413,340	278,221	227,446	300,524
South Carolina	4,071	1,846	550	527	12,514	6,026	3,849	14,313
Texas	46,830	9,781	11,680	12,844	5,220	686	1,000	1,031
Virginia	8,497	5,526	3,017	5,144	41	----	88	----
Washington	508,819	235,243	164,447	134,595	6,666,718	2,866,164	2,265,729	3,135,961
West Virginia	77,501	15,098	7,748	9,559	----	----	535	230
Wisconsin	67,066	10,801	6,550	9,604	47,014	32,710	2,543	38,178
All other	49,959	15,629	9,700	15,609	6,606	635	1,523	1,363

No. 670.—COOPERAGE STOCK: PRODUCTION OF STAVES, HEADING, AND HOOPS

NOTE.—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; and in 1933, 61,161,000, nearly all elm

Year and kind of wood	Staves (thousands)		Heading (thousand sets)	
	Tight	Slack[2]	Tight	Slack
1909	370,231	2,029,648	20,691	140,234
1919	353,825	1,121,324	24,274	87,381
1923	222,507	893,682	19,342	80,477
1925	240,023	937,597	23,052	71,371
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[1]	154,575	426,585	13,031	37,461
1931				
Ash	3,828	21,710	324	(3)
Basswood	(3)	(3)	(3)	787
Beech	----	(3)	----	600
Cottonwood	----	22,884	----	927
Douglas fir	44,940	20,799	5,638	627
Elm	----	36,366	----	(3)
Gum	18,397	160,375	920	3,721
Oak	78,968	6,394	6,752	533
Pine	32,072	198,125	4,269	28,271
Spruce	22,936	41,788	1,776	5,864
Tupelo	(3)	8,334	----	(3)
All other	3,479	20,402	411	1,995

Class and kind of wood	1931	1933	1931	1933
	Tight staves (thousands)		Tight heading (thous. sets)	
Total	204,624	154,575	20,090	13,031
Oil, tierce, and pork, total	93,021	80,099	7,662	4,664
Softwood	20,796	13,452	1,167	546
Hardwood	72,825	66,647	6,495	4,118
Spirit and wine, total	11,262	17,806	989	1,247
Softwood	444	90	125	7
Hardwood	10,818	17,716	864	1,240
Beer, hardwood	(4)	9,896	----	1,409
All other and not specified, total	99,741	46,774	11,439	5,711
Softwood	80,847	25,277	10,749	2,704
Hardwood	18,894	21,497	690	3,007
	Slack staves (thous. pieces)		Slack heading (thous. sets)	
Total	537,177	426,585	43,375	37,461
Softwood	267,405	266,748	35,405	32,898
Hardwood	269,046	159,837	7,225	4,563
Undistributed	726	----	745	----

[1] Data not available by species for 1933. [2] Reported in pieces. [3] Included in "All other."
[4] Data for "Beer, hardwood" included with figure for "Hardwood" under "All other and not specified."

Sources of tables 669 and 670: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 671.—PULPWOOD: CONSUMPTION BY MILLS, AND MILL COST

NOTE.—Figures include both domestic and imported wood. The cost is f. o. b. pulp mill

Year	Quantity, all species (cords)	Cost		Year	Quantity, all species (cords)	Cost		Year	Quantity, all species (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	1923	5,872,870	95,306	$16.23	1930	7,195,524	88,684	$12.32
1909	4,001,607	34,478	8.62	1925	6,093,821	94,340	15.48	1931	6,722,766	73,524	10.94
1914	4,470,703	39,408	8.81	1927	6,750,936	95,452	14.14	1932	5,633,123	51,769	9.19
1919	5,477,832	87,386	15.95	1928	7,160,100	97,024	13.55	1933	6,581,674	48,508	7.37
1921	4,557,179	91,589	20.10	1929	7,645,011	100,054	13.09	1934	6,796,659	52,506	7.73

Kind of wood	Total consumption (cords)						
	1919	1929	1930	1931	1932	1933	1934
Total	5,477,832	7,645,011	7,195,524	6,722,766	5,633,123	6,581,674	6,796,659
Spruce:							
Domestic	2,313,419	2,074,267	1,844,937	1,651,051	1,423,836	1,495,061	1,535,299
Imported	873,795	1,020,913	888,255	676,339	608,171	576,000	688,127
Hemlock:							
Domestic	795,154	1,309,170	1,222,961	1,185,272	806,230	1,112,556	1,428,116
Imported		15,379		5,776			
Yellow pine (southern)	234,463	1,036,272	1,030,273	1,294,503	1,279,832	1,560,414	1,459,171
Poplar:							
Domestic	180,160	329,466	291,807	266,603	192,461	353,438	241,001
Imported	158,220	157,829	159,092	94,238	85,693		92,271
Balsam fir:							
Domestic	181,840	317,552	330,548	338,790	243,224	261,466	290,385
Imported	106,974	45,412	48,935	55,801	47,835	41,465	36,647
Jack pine [1]	51,581	205,760	200,970	159,273	154,214	178,974	218,116
Beech, birch, and maple [2]	184,111	76,950	68,848	69,681	65,958	93,032	83,996
Tamarack (larch) [2]	44,042	51,835	40,054	35,433	15,652	21,844	12,267
Yellow poplar [2]	72,605	129,697	107,795	73,504	74,151	[3]	73,492
Gum [2]	30,355	39,685	41,825	22,440	17,553	[3]	[3]
White fir [2]	31,138	111,054	90,652	109,277	70,903	154,847	98,166
Other wood	44,894	153,485	232,980	126,942	105,868	252,436	303,161
Slabs and mill waste	175,081	561,285	595,502	558,043	441,477	480,141	236,444

[1] Principally domestic. [2] Domestic only. [3] Included with "Other wood."

No. 672.—WOOD PULP: TOTAL PRODUCTION, AND BY STATES AND PROCESSES

NOTE.—In 1934, 1,203,961 tons of mechanical pulp were not steamed and 94,243 tons steamed; of the sulphite and sulphate pulp, 1,816,480 tons were unbleached and 909,758 bleached

Year	Tons [1]	Year	Tons [1]	Year	Tons [1]	Year	Tons [1]
1899	1,170,525	1921	2,875,601	1929	4,862,885	1933	4,276,204
1909	2,405,523	1923	3,788,672	1930	4,630,308	1934	4,436,128
1914	2,893,150	1925	3,962,217	1931	4,409,344		
1919	3,517,952	1927	4,313,403	1932	3,760,267		

State and process [1]	1909	1919	1929	1931	1932	1933	1934
Principal States:							
Maine	620,705	916,764	981,433	889,416	764,834	778,670	833,107
Louisiana		[2]	246,590	260,765	289,021	382,983	339,602
New York	679,584	911,958	662,988	466,510	353,807	393,615	364,872
Wisconsin	324,509	506,549	733,617	586,271	476,228	515,470	494,300
Pennsylvania	135,525	215,686	213,083	160,023	130,149	123,758	127,541
New Hampshire	212,599	232,134	212,774	[2]	[2]	78,802	[2]
Michigan	64,369	106,194	178,015	150,111	153,323	153,674	169,270
Minnesota	37,295	129,560	189,664	148,369	134,509	154,522	137,096
Washington	[2]	83,675	523,948	590,016	420,529	583,770	709,380
Vermont	59,356	85,945	26,307	25,601	[2]	18,000	14,040
Virginia	48,641	[2]	206,050	223,417	207,660	241,803	235,221
California	83,692	123,990	256,546	237,532	187,133	189,332	240,167
Oregon							
Other States	229,298	305,597	431,870	681,313	643,014	661,805	771,532
Process:							
Mechanical	1,179,266	1,518,829	1,649,112	1,459,355	1,203,322	1,201,766	1,298,204
Sulphite	1,017,631	1,419,829	1,737,085	1,453,194	1,167,263	1,353,088	1,472,306
Soda	298,626	411,693	520,729	374,054	290,703	[3] 457,790	[3] 411,686
Sulphate		120,378	915,478	1,036,113	1,031,317	1,263,530	1,253,932
Semichemical			[4] 40,481	[4] 86,628	67,162	[2]	[2]

[1] Beginning 1914 includes screenings except data by process for 1919. [2] Not shown separately.
[3] Soda includes semichemical pulp, also for 1933, data for a small quantity of pulp not covered by items specified to avoid disclosing production of individual establishments.
[4] Includes data for a small quantity of pulp not covered by items specified.

Source of tables 671 and 672: Bureau of the Census, Department of Commerce.

No. 673.—PAPER AND PAPER BOARDS: CENSUS STATISTICS OF PRODUCTION

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

Product	Quantity						Value			
	1927	1929	1931	1932 [1]	1933	1934 [1]	1927	1929	1931	1933
Paper and paper boards, total	10,002	11,140	9,382	7,998	9,190	9,186	872,207	903,301	631,106	521,553
Standard newsprint, in rolls and sheets	1,517	1,409	1,203	1,047	928	990	98,782	80,707	63,654	32,206
Hanging	113	101	86	61	66	92	9,035	7,294	5,800	3,346
Poster, novel, newstablet, lining, etc.	183	151	136	(2)	156	(2)	15,573	11,743	9,624	8,035
Catalog		112	89	64	63	62		9,571	7,064	4,250
Book	1,329	1,498	1,209	946	1,080	1,055	160,869	168,272	120,283	83,244
Cover	26	28	24	14	13	17	5,938	6,430	4,372	2,104
Writing (fine)	509	608	488	424	478	415	105,148	113,224	77,865	61,330
Wrapping	1,525	1,606	1,402	1,244	1,440	1,357	162,580	163,442	110,885	95,768
Boards	3,774	4,451	3,848	3,303	4,076	4,073	211,264	227,742	149,112	161,181
Tissue	316	388	395	359	407	399	46,617	53,300	45,041	37,711
Absorbent	64	91	77	68	80	79	13,331	16,973	14,774	12,082
Building	626	659	395	294	328	328	40,062	30,376	18,129	14,060
All other	21	39	31	183	74	319	3,008	5,228	4,501	6,236

[1] Value not reported.
[2] Included with "All other."
Source: Bureau of the Census, Department of Commerce.

No. 674.—TURPENTINE AND ROSIN PRODUCTION

Year [1]	Turpentine (gallons)			Rosin (barrels of 500 pounds)		
	Total	From gum [2]	From wood [3]	Total	From gum [2]	From wood [3]
1899	37,733,500	37,733,500	(4)	2,434,033	2,434,933	(4)
1904	31,129,236	30,687,051	442,185	1,904,674	1,904,674	(4)
1909	[5] 29,714,132	28,988,954	706,868	1,827,760	1,827,760	(4)
1914	[5] 27,648,939	26,980,981	575,557	[5] 1,649,160	1,615,643	29,022
1919	19,228,174	17,693,841	1,534,333	1,269,717	1,138,660	131,057
1925	27,261,425	[6] 23,922,250	[7] 3,339,175	1,903,370	[6] 1,578,866	[7] 324,504
1926	29,483,055	[6] 25,500,000	[8] 3,983,055	2,105,480	[8] 1,740,000	[8] 365,480
1927	35,882,258	31,549,082	4,333,176	2,524,000	2,071,813	452,187
1928	31,894,800	[8] 28,000,000	[9] 3,894,800	2,296,654	[8] 1,865,000	[9] 431,654
1929	35,940,124	31,320,871	4,619,253	2,454,186	1,975,631	478,555
1930 [7]	34,193,691	29,938,466	4,255,225	2,425,125	1,986,208	438,917
1931	27,499,514	24,349,024	3,150,490	1,904,397	1,570,885	333,512
1932 [10]	22,414,650	19,500,000	2,914,650	1,655,923	1,300,000	355,923
1933	29,152,200	25,500,000	3,652,200	2,149,019	1,700,000	449,019
1934 [10]	28,903,800	25,000,000	3,903,800	2,164,640	1,665,000	499,640

State [11]	Production from crude gum							
	Turpentine (gallons)				Rosin (barrels of 500 pounds)			
	1919	1929	1930	1931	1919	1929	1930	1931
Alabama	2,037,005	1,993,410	1,721,575	847,880	120,839	123,798	115,027	115,048
Florida	6,992,489	9,847,151	9,159,816	7,802,435	486,432	623,188	621,032	518,259
Georgia	3,907,310	15,938,491	15,465,216	12,523,749	234,690	1,002,446	1,013,461	799,683
Mississippi	1,749,812	1,267,776	1,062,323	636,301	115,984	81,683	65,899	41,521
Louisiana	1,885,231	1,032,900	1,102,484	567,534	112,900	70,580	80,202	38,290
Texas	906,404				60,179			
North Carolina and South Carolina	125,590	1,241,143	1,330,952	971,125	7,636	73,936	90,587	58,084

[1] The figures of turpentine and rosin from crude gum from 1925 through 1932, and for 1934, and from wood for 1925, 1926, 1928, 1930, 1932, and 1934 refer to the crop year ended Mar. 31 of the year following. All other figures relate to calendar years.
[2] Compiled from data reported by establishments engaged in the turpentine and rosin industry.
[3] Compiled from data reported by establishments engaged in the wood-distillation industry.
[4] Not reported.
[5] Includes for 1909 and 1914, 18,310 gallons and 92,401 gallons, respectively, of turpentine and for 1914, 4,495 barrels of rosin reported by establishments engaged in the manufacture of lumber and timber products.
[6] Compiled by the Turpentine and Rosin Producers' Association.
[7] Compiled by the Bureau of Chemistry and Soils, Department of Agriculture.
[8] Estimated: Savannah Naval Stores Review, and Bureau of Chemistry, Department of Agriculture.
[9] Compiled by J. E. Lockwood, Hercules Powder Co., for 1926; by the Producers' Committee, J. E. Lockwood, secretary, for 1928.
[10] Naval Stores Review.
[11] Data are not available by States for 1932, 1933, and 1934.
Source: Bureau of the Census, Department of Commerce, except as noted.

30.—FISHERIES

No. 675.—QUANTITY AND VALUE OF THE PRODUCTS OF THE FISHERIES OF SPECIFIED SECTIONS

NEW ENGLAND STATES

Calendar year	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
1928	603,598	25,619.9	123,326	4,231.1	239	45.5
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
1931	540,208	20,140.3	116,235	3,443.4	775	66.9
1932	480,521	14,001.3	90,602	2,413.3	744	57.7
1933	400,030	13,485.6	98,498	2,307.1	524	57.1

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	23,053	1,700.6
1928	380,160	15,648.8	27,660	2,397.9	72,198	3,296.6
1929	447,089	18,052.5	28,401	2,435.3	54,879	3,035.4
1930	442,474	16,289.1	25,072	2,287.3	88,012	4,518.6
1931	356,834	12,951.0	21,883	1,662.8	45,771	2,016.2
1932	347,593	8,928.3	20,536	1,491.4	21,046	1,110.6
1933	373,670	9,507.0	17,366	1,001.3	9,878	613.1

MIDDLE ATLANTIC STATES

Calendar year	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	3,176.0	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
1929	190,773	14,137.6	47,259	5,061.7	110,602	8,730.7	42	9.3	33,470	335.9
1930	193,868	13,063.7	45,495	4,933.7	97,275	7,474.4	17	2.8	51,081	652.8
1931	164,899	9,211.2	50,994	2,974.1	92,846	5,854.2	76	4.7	20,983	378.2
1932	141,221	4,654.0	64,866	2,333.3	72,595	2,217.8	32	1.7	3,729	101.1
1933	169,754	4,811.1	39,911	2,452.6	93,264	2,146.3	52	3.0	36,527	209.2

CHESAPEAKE BAY STATES

Calendar year	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
1929	274,673	11,580.6	63,388	4,294.9	211,285	7,285.7
1930	316,393	11,472.0	71,099	3,984.7	245,294	7,487.3
1931	293,271	7,428.0	66,634	2,705.8	226,637	4,722.1
1932	359,007	5,905.0	61,626	1,939.7	297,381	3,965.3
1933	272,380	5,060.8	55,362	1,733.8	217,018	3,327.0

SOUTH ATLANTIC STATES

Calendar year	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	1,250.6	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	1,778.0	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
1927	265,035	5,896.9	144,466	2,777.4	8,374	350.4	47,607	697.2	64,588	2,071.9
1928	262,118	6,196.2	141,899	2,629.2	7,432	316.8	42,069	866.3	70,718	2,383.9
1929	340,874	5,952.5	217,595	2,544.0	6,135	275.1	43,514	877.2	73,630	2,256.2
1930	275,807	4,270.0	168,938	1,836.4	5,106	252.9	34,873	536.3	66,890	1,644.4
1931	150,393	3,066.6	98,161	1,087.6	5,837	211.5	7,350	251.1	39,045	1,516.4
1932	154,304	2,383.5	86,214	826.7	4,536	123.4	16,523	186.9	47,031	1,247.5

No. 675.—Quantity and Value of the Products of the Fisheries of Specified Sections—Continued

GULF STATES

Calendar year	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	113,607	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
1927	195,705	9,965.8	73,835	4,351.4	10,076	437.2
1928	191,007	9,866.3	61,121	3,866.5	14,466	586.8
1929	194,521	8,951.2	72,323	3,863.7	9,025	410.3
1930	141,953	5,015.3	56,280	2,077.0	7,113	315.5
1931	138,917	6,704.9	45,009	3,001.4	6,168	222.8
1932	*145,613*	*4,044.8*	*53,525*	*1,725.9*	*6,106*	*168.6*

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	302.6	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
1927	34,503	1,259.4	50,208	2,803.5	21,083	1,054.3
1928	30,701	1,060.1	69,507	3,477.9	15,212	875.0
1929	34,029	1,005.3	61,920	2,764.6	16,624	907.3
1930	15,736	740.1	49,886	1,960.4	15,693	777.5
1931	22,985	595.4	45,704	1,330.3	19,051	789.8
1932	20,603	497.4	48,340	1,180.6	14,304	472.3

PACIFIC COAST STATES

Calendar year	Total		Washington		Oregon		California	
	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	9,309.7	170,594	5,317.1	34,693	1,495.5	99,509	2,488.1
1924	487,688	20,052.1	97,088	7,123.5	39,578	3,203.6	361,022	9,725.1
1925	627,025	24,580.5	139,457	9,476.4	40,008	3,442.4	447,560	11,661.7
1926	537,624	18,914.7	98,088	7,942.3	32,998	3,068.0	406,538	7,904.3
1927	662,513	22,306.6	131,134	9,145.4	34,195	3,102.9	497,184	10,058.3
1928	705,112	20,512.8	88,991	7,500.8	27,474	2,686.3	588,647	10,325.7
1929	1,034,434	25,038.4	152,224	9,562.8	25,284	2,605.2	856,926	12,870.4
1930	833,389	23,064.1	110,039	8,334.8	26,459	2,256.3	696,891	12,473.0
1931	597,307	13,512.2	140,491	5,121.8	25,819	1,282.2	430,997	7,108.2
1932	560,828	9,484.3	94,959	3,378.0	22,986	728.7	442,883	5,377.6
1933	860,161	13,988.0	128,720	5,683.9	24,533	1,209.8	706,899	7,094.3

GREAT LAKES

Calendar year	Total [1]		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	61,457	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
1926 [2]	75,300	6,642.4	13,436	760.5	20,495	2,077.6	13,132	1,261.0	25,057	2,246.5
1927 [2]	81,327	6,794.9	15,302	918.1	23,681	2,354.8	15,711	1,444.4	23,796	1,831.3
1928 [2]	63,368	5,960.8	13,132	772.7	17,999	2,332.5	9,943	1,024.0	19,643	1,573.9
1929 [2]	85,389	6,787.7	17,148	835.2	35,616	3,460.9	10,477	927.5	18,648	1,268.1
1930 [2]	94,948	6,050.3	14,694	605.3	30,973	2,159.0	16,377	1,319.9	29,540	1,655.5
1931 [2]	91,727	6,029.2	11,281	627.8	25,059	1,991.5	17,727	1,510.2	34,772	1,698.9
1932 [2]	83,744	4,331.8	10,173	379.3	20,602	1,236.3	15,848	1,143.1	33,670	1,439.3

[1] Includes in addition to the lakes shown small amounts for Lake Ontario and also prior to 1926, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1926, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

[2] Data collected for the most part by State fishery agencies and compiled by the Bureau of Fisheries

No. 675.—Quantity and Value of the Products of the Fisheries of Specified Sections—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

	Total	
	1,000 pounds	*1,000 dollars*
1894	44,545	1,384.6
1899	96,797	1,781.0
1903	93,374	1,841.2
1908	148,284	3,125.0
1922	105,734	4,503.5
1931	82,383	2,897.4
Mississippi River [3]		
1894	21,242	587.8
1899	68,604	823.0
1903	53,851	1,157.4
1922	33,945	1,645.3
1931	28,139	1,076.3

Tributary	1922		1931	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
Arkansas River [4]	2,034	136.3	777	49.9
Atchafalaya River [5]	4,579	254.7	9,231	523.1
Cumberland River	728	14.7	106	13.0
Illinois River [5]	12,661	617.3	5,935	159.7
Missouri River [5]	1,232	105.2	1,051	94.3
Ohio River [3]	7,458	379.1	1,221	96.5
Red River [5]	6,677	324.5	6,417	277.4
St. Francis River [5]	3,684	108.9	2,173	65.6
Tennessee River [5]	4,990	98.3	5,222	75.0
Wabash River [5]	12,063	357.8	8,388	152.0
White River (Missouri and Arkansas) [6]	14,662	405.9	12,363	256.7
Yazoo River [4]	1,022	55.6	1,311	57.8

[3] Including minor tributaries. [4] Includes tributaries in 1931. [5] Not included with Mississippi River and tributaries, 1899 to 1908. [6] Including tributaries.

No. 676.—SUMMARY OF THE FISHERIES OF THE UNITED STATES AND ALASKA, 1933

Section	Fishermen	Fishing vessels	Fishing boats	Products	
				Quantity	Value
	Number	*Number*	*Number*	*1,000 pounds*	*1,000 dollars*
Total	117,537	3,735	67,018	2,899,048	60,218
New England States	17,073	595	8,400	499,936	13,486
Middle Atlantic States	8,574	407	3,870	169,753	4,811
Chesapeake Bay States	20,142	287	13,429	272,380	5,061
South Atlantic and Gulf States [1]	21,560	612	12,849	299,917	6,428
Pacific Coast States	18,710	929	6,547	860,161	13,988
Lake States [1]	6,932	498	3,159	83,744	4,389
Mississippi River States [2]	15,884	----------	14,546	82,383	2,897
Alaska	8,656	507	4,218	630,774	9,158

[1] Figures for South Atlantic and Gulf and Lake States are for 1932.
[2] Figures for the Mississippi River States are for 1931

No. 677.—FISHERY PRODUCTS LANDED AT SEATTLE, WASH., BY UNITED STATES VESSELS AND FISH RECEIVED BY SEATTLE WHOLESALE DEALERS

Species	Quantity in thousands of pounds				Value in dollars			
	1931	1932	1933	1934	1931	1932	1933	1934
Grand total	40,746	42,266	43,353	44,363	2,308,024	1,797,611	2,443,235	2,754,582
Landed by U. S. vessels [1]	17,208	24,142	24,085	23,944	1,172,314	1,055,607	1,491,970	1,648,127
Halibut	15,214	21,841	22,127	20,559	1,107,266	995,634	1,431,431	1,522,237
Sablefish	1,299	1,691	1,280	2,259	45,134	42,022	39,765	86,001
Lingcod	406	379	471	737	12,080	10,995	13,735	24,900
Rockfishes	289	231	207	389	7,834	6,956	7,039	14,989
Received by wholesale dealers [2]	23,538	18,124	19,268	20,419	1,135,710	742,004	951,265	1,106,455
Salmon—								
Humpback or pink	4,683	7	2,524	5	61,624	74	63,751	103
Chum or keta	3,234	3,074	3,085	3,864	53,021	45,482	111,691	94,760
King or spring	8,900	7,824	5,127	7,189	633,140	445,768	367,802	585,485
Coho or silver	4,452	4,601	4,759	6,240	220,606	165,393	272,337	302,182
Sockeye or red	46	23	391	53	4,064	1,327	30,808	4,026
Trout, steelhead	136	114	237	-------	12,751	6,403	17,828	----------
Smelt	269	191	258	440	11,741	6,630	12,032	17,048
Sole	389	336	548	954	11,681	7,895	15,360	32,265
Crabs	948	876	595	602	60,153	48,218	36,000	40,456
Miscellaneous	481	473	844	1,072	16,929	14,814	23,666	30,130

[1] Halibut fleet. [2] Does not include fish received from Alaska or Canada.

Source of Tables 675, 676, and 677: Bureau of Fisheries, Department of Commerce.

No. 678.—FISHERIES: PRODUCTS LANDED AT BOSTON AND GLOUCESTER, MASS., AND PORTLAND, ME., BY FISHING VESSELS

Port and calendar year	Total, all species	Cod	Haddock	Hake	Pollock	Cusk	Halibut	Mackerel	Miscellaneous
	Quantity in thousands of pounds								
All three ports:									
1923	174,941	62,655	73,702	6,338	4,804	2,998	4,875	11,505	7,945
1924	182,948	61,449	79,902	7,285	5,085	3,400	4,422	9,758	11,643
1925	216,869	67,250	91,886	5,806	5,290	3,713	3,561	26,210	13,153
1926	238,426	78,219	94,061	5,505	6,740	2,728	3,431	36,238	11,511
1927	263,850	63,355	128,593	5,862	7,663	2,727	4,770	31,630	19,841
1928	277,982	59,302	155,331	8,423	8,040	2,358	3,385	24,253	10,890
1929	327,096	50,647	187,204	12,051	10,565	3,483	2,696	37,743	22,707
1930	350,801	66,616	189,371	15,618	13,380	4,433	2,581	33,513	24,089
1931	263,685	60,645	132,846	7,755	7,631	4,205	2,571	29,524	18,448
1932	252,334	59,551	120,117	7,745	7,850	3,069	2,356	38,096	13,550
1933	267,157	73,842	129,862	7,197	12,395	3,430	2,139	22,444	15,848
1934	311,278	90,619	134,674	7,178	21,312	3,932	1,588	30,547	21,128
Boston:									
1932	215,619	48,544	114,734	5,670	5,783	2,493	2,084	25,274	11,037
1933	232,583	61,250	122,886	5,221	8,262	2,498	1,756	17,358	13,352
1934	255,055	72,423	125,663	4,297	9,214	2,621	1,753	21,006	18,078
Gloucester:									
1932	25,328	7,898	2,431	1,030	1,176	241	163	11,054	1,335
1933	21,737	9,518	2,558	489	3,398	280	5	4,037	1,452
1934	40,130	13,320	4,897	563	11,142	189	5	8,205	1,719
Portland:									
1932	11,387	3,109	2,952	1,044	891	336	109	1,768	1,178
1933	12,837	3,074	4,417	1,486	735	652	379	1,050	1,044
1934	16,093	4,876	4,114	2,318	956	1,122	130	1,246	1,331
	Value in thousands and tenths of thousands of dollars								
All three ports:									
1923	7,051.2	2,184.1	2,423.2	142.4	152.2	61.7	922.7	487.0	677.3
1924	6,993.0	2,138.3	2,308.6	186.1	159.4	68.1	780.6	541.0	801.0
1925	8,115.6	2,321.2	2,747.7	173.7	147.6	84.6	655.2	1,191.0	794.4
1926	9,068.6	2,647.5	3,082.9	146.2	153.7	69.6	671.2	1,406.0	891.0
1927	9,404.5	2,146.5	3,531.7	156.5	171.8	71.4	839.9	1,295.0	1,191.0
1928	10,849.1	2,198.7	5,036.5	221.7	174.4	62.7	699.0	1,355.9	1,190.2
1929	13,051.7	1,983.5	6,845.3	405.1	243.5	102.9	484.5	1,382.4	1,604.5
1930	12,785.5	2,208.1	6,045.8	394.9	263.8	113.2	443.0	1,157.6	1,559.1
1931	9,249.3	1,758.4	4,434.4	178.0	113.7	83.2	375.9	1,225.7	1,080.0
1932	6,083.9	1,301.5	2,906.8	136.6	85.7	45.8	261.2	618.4	727.9
1933	6,850.9	1,641.7	3,374.0	144.3	158.8	49.3	226.1	498.2	758.5
1934	8,261.3	2,324.1	3,753.7	188.0	329.4	78.4	217.7	552.5	817.5
Boston:									
1932	5,366.9	1,044.6	2,767.5	111.5	70.7	38.2	239.2	460.2	635.0
1933	6,093.6	1,361.0	3,205.0	111.8	105.9	38.2	191.0	402.5	678.2
1934	7,110.3	1,875.3	3,536.6	122.5	158.8	52.7	206.1	422.6	735.7
Gloucester:									
1932	434.1	175.8	48.5	9.3	9.7	1.8	11.8	139.0	38.2
1933	441.9	209.2	52.9	9.3	47.6	1.7	.4	82.8	38.0
1934	755.7	323.4	102.2	16.8	160.7	2.4	.3	116.6	33.3
Portland:									
1932	282.8	81.1	90.8	15.7	5.4	5.8	10.2	19.1	54.7
1933	315.3	71.5	116.0	23.2	5.4	9.2	34.7	12.9	42.4
1934	395.3	125.4	114.9	48.7	9.9	23.3	11.3	13.3	48.5

No. 679.—CANNED FISHERY PRODUCTS AND BY-PRODUCTS OF THE UNITED STATES AND ALASKA: VALUE

NOTE.—Values in thousands of dollars. See also census statistics of fish canning, tables 655 and 760

Product	1927	1928	1929	1930	1931	1932	1933	1934
Total value	94,177	110,753	124,833	106,579	79,514	56,216	77,268	102,344
Salmon	45,729	54,638	56,086	42,835	38,083	26,460	36,242	45,818
California sardines	9,269	9,659	11,997	8,742	4,715	2,358	3,805	5,481
Maine and Massachusetts sardines	5,249	8,076	6,808	4,459	2,647	1,370	2,397	3,315
Tuna and tunalike fishes	8,368	8,374	9,873	13,056	7,279	6,183	6,934	10,010
Shrimps and crabs	5,348	5,226	5,559	5,017	3,995	2,676	3,623	4,595
Clams	2,745	2,624	2,548	2,666	2,257	1,797	1,766	2,713
Oysters	2,368	2,761	2,732	1,837	964	1,008	1,076	1,722
Miscellaneous canned products	2,308	4,514	5,372	4,246	3,009	1,897	3,957	6,209
Menhaden—meal, scrap, and oil	3,690	3,440	3,630	2,074	1,140	1,180	1,587	2,328
Miscellaneous byproducts	9,103	11,441	20,138	21,047	15,425	11,286	15,871	20,152

Source of tables 678 and 679: Bureau of Fisheries, Department of Commerce.

No. 680.—CANNED SALMON OUTPUT, UNITED STATES AND ALASKA

[Quantity in thousands and tenths of thousands of 48-pound cases, value in thousands and tenths of thousands of dollars]

Specie	Quantity				Value			
	Total	Washington	Oregon and California	Alaska	Total	Washington	Oregon and California	Alaska
Total, all species:								
1927	5,078.8	1,091.0	413.5	3,572.1	45,728.8	10,158.2	5,554.3	30,016.3
1928	6,926.8	497.4	345.5	6,083.9	54,638.1	5,024.0	4,230.2	45,383.9
1929	6,990.7	1,278.5	342.1	5,370.1	56,085.7	10,922.4	4,693.9	40,469.4
1930	6,086.4	708.7	345.2	5,032.5	42,835.9	8,364.4	4,775.6	29,695.9
1931	6,740.0	1,068.7	267.5	5,403.8	38,083.2	6,134.1	2,852.2	29,096.9
1932	5,909.0	412.3	242.2	5,254.5	26,460.1	2,632.2	2,112.0	21,715.9
1933	6,362.5	848.9	288.0	5,225.6	36,241.9	5,217.4	2,648.5	28,376.0
1934	8,383.0	596.1	305.1	7,481.8	45,817.9	5,293.1	2,912.8	37,612.0
Coho or silver:								
1932	253.3	66.3	38.9	148.1	1,396.7	360.8	424.7	611.2
1933	243.3	46.8	33.9	162.6	1,382.1	294.0	243.0	845.0
1934	371.7	71.9	63.7	236.1	2,303.5	509.2	560.6	1,233.7
Chum or keta:								
1932	1,007.0	168.8	17.7	820.5	2,809.1	473.2	47.4	2,288.5
1933	735.6	49.8	27.0	658.8	3,012.2	197.2	102.1	2,712.8
1934	855.3	88.2	26.4	740.7	3,149.3	347.7	99.8	2,701.8
Humpback or pink:								
1932	2,114.8	1.7	----	2,113.1	6,643.0	6.0	----	6,637.0
1933	2,722.7	540.2	----	2,182.6	12,235.7	2,361.9	----	9,873.7
1934	3,827.7	3.6	----	3,824.1	15,685.3	19.5	----	15,665.8
King, chinook, or spring:								
1932	320.4	78.0	172.9	69.5	2,590.4	693.4	1,517.7	379.3
1933	322.4	74.6	206.5	41.4	3,071.4	677.2	2,083.1	311.2
1934	323.9	74.1	196.9	52.9	3,166.5	766.1	2,038.4	362.0
Red or sockeye:								
1932	2,197.0	92.1	1.8	2,103.1	12,877.8	1,058.6	19.3	11,799.9
1933	2,320.9	134.1	6.5	2,180.3	16,379.4	1,658.1	88.0	14,633.3
1934	2,988.3	355.2	5.1	2,628.0	21,359.6	3,630.7	80.2	17,648.7
Steelhead:								
1932	16.4	5.5	10.9	----	143.1	40.2	102.9	----
1933	17.6	3.5	14.1	----	161.2	28.9	132.3	----
1934	16.1	3.1	13.0	----	153.7	19.9	133.8	----

Source: Bureau of Fisheries, Department of Commerce.

No. 681.—ALASKA FISHERY INDUSTRIES: SUMMARY OF PRODUCTS

Product	Unit	Quantity in thousands of unit specified					Value in thousands of dollars				
		1920	1925	1930	1933	1934	1920	1925	1930	1933	1934
Total	----	----	----	----	----	----	41,492	40,039	37,679	32,123	41,903
Salmon:											
Canned	Case	4,429	4,460	5,032	5,226	7,482	35,603	31,990	29,695	28,376	37,612
Fresh and frozen	Pound	5,165	5,193	7,909	4,860	6,829	424	395	679	252	405
Cured, all forms	do	3,067	6,895	8,979	6,358	5,360	510	1,297	1,096	752	703
By-products	do	2,071	1,738	2,703	1,181	1,268	105	60	62	20	29
Halibut, fresh and frozen	do	15,295	10,972	31,557	14,069	13,221	1,727	884	2,991	726	805
Herring:											
Fresh and frozen	do	----	----	79	----	----	----	----	4	----	----
Cured for food	do	8,582	35,171	8,765	13,507	8,276	542	2,323	496	620	475
Bait	do	4,085	7,087	9,298	4,472	6,892	41	39	103	39	52
By-products	do	11,186	34,806	50,002	45,317	55,738	720	1,490	1,531	744	1,076
Cod	do	12,764	2,864	322	338	493	1,117	129	17	13	20
Sablefish	do	584	1,043	449	103	215	29	45	21	5	9
Other fish	do	110	142	484	119	342	14	10	26	3	9
Shrimps	do	112	520	514	319	381	49	207	211	102	120
Crabs	do	8	206	107	571	643	2	53	35	156	208
Clams	do	222	2,066	853	523	391	47	492	242	246	189
Whales:											
Oil	do	8,317	7,224	7,034	2,344	6,656	436	556	417	55	213
Fertilizer	do	3,190	2,444	2,340	1,034	2,698	120	57	51	14	38
All other	do	18	797	43	----	----	6	12	2	----	----

Source: Bureau of Fisheries, Department of Commerce.

No. 682.—CANNED SALMON: Output and Prices of Alaska Product

Yearly average or year	Total value of pack (thousands of dollars)	Output, equivalent in thousands of cases of forty-eight 1-pound cans						Average price in dollars per case of forty-eight 1-pound cans				
		Total	Coho or silver	Chum or keta	Humpback or pink	King or spring	Red or sockeye	Coho or silver	Chum or keta	Humpback or pink	King or spring	Red or sockeye
1911–1915	16,398	3,835	131	485	1,304	52	1,863	4.45	2.85	3.07	5.11	5.54
1916–1920	39,897	5,293	220	1,079	1,936	77	1,982	8.73	5.35	6.10	9.94	10.20
1920	35,603	4,429	192	1,034	1,593	110	1,501	9.13	4.19	5.47	10.97	13.05
1921	19,633	2,597	107	255	424	45	1,766	5.63	3.68	4.21	10.22	8.96
1922	20,787	4,502	176	566	1,058	31	2,071	5.47	3.98	4.34	8.08	9.24
1923	32,873	5,086	164	526	2,448	38	1,859	5.74	4.65	4.86	8.56	9.24
1924	33,007	5,295	184	1,028	2,001	34	1,448	6.83	4.68	4.93	8.89	9.53
1925	31,990	4,460	161	1,079	2,111	50	1,060	9.72	4.44	5.28	11.91	13.12
1926	46,080	6,653	203	902	3,338	52	2,157	8.40	5.01	5.39	10.37	9.89
1927	30,010	3,572	253	508	1,421	70	1,320	8.51	5.47	5.87	11.25	12.08
1928	45,384	6,084	299	996	2,787	54	1,948	7.12	6.06	6.56	11.13	9.41
1929	40,469	5,370	172	864	2,572	72	1,690	7.59	5.35	6.06	11.92	10.71
1930	29,695	5,082	332	600	3,189	60	851	8.26	3.60	4.17	13.32	12.57
1931	29,096	5,404	170	534	2,954	52	1,694	6.51	3.19	3.46	9.40	9.20
1932	21,716	5,254	148	821	2,113	70	2,103	4.12	2.79	3.14	5.46	5.61
1933	28,376	5,226	163	659	2,183	41	2,180	5.20	4.12	4.52	7.51	6.71
1934	37,012	7,482	236	741	3,824	53	2,628	5.23	3.65	4.10	6.85	6.72

No. 683.—FISH PROPAGATION: Output of Fish Eggs, Fry, and Fingerlings, by United States Bureau of Fisheries, Years Ended June 30

[All quantities expressed in thousands]

Year	Total	Eggs	Fry	Fingerlings	Cost per million[1]
1895	619,916	55,408	561,894	2,613	$292.64
1900	1,164,337	88,082	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
1926	5,232,373	737,136	4,195,942	299,295	142.53
1927	6,481,073	1,523,458	4,767,113	190,502	116.30
1928	7,036,317	2,253,244	4,521,439	261,634	119.37
1929	7,060,369	2,861,236	4,002,948	136,185	125.55
1930	7,570,482	2,553,481	4,766,831	250,170	120.50
1931	7,121,805	2,327,421	4,474,344	320,040	138.41
1932	7,073,935	2,808,231	4,117,085	148,619	141.90
1933	7,202,155	2,677,817	4,342,000	182,338	117.70
1934	3,258,131	2,169,766	961,997	126,368	176.40

Species	1934			Species	1934		
	Eggs	Fry	Fingerlings		Eggs	Fry	Fingerlings
Catfish		5,000	5,149,400	Pike and pickerel			72,900
Buffalofish	7,725,000	5,000	85,000	Mackerel		2,946,000	
Carp	6,250,000	290,000	1,330,000	Crappie			9,528,300
Shad		11,574,000		Largemouth black bass		510,000	4,304,200
Whitefish	90,000	9,290,000		Smallmouth black bass		931,000	334,800
Chinook salmon	6,025,000	759,000	19,124,600	Rock bass			84,900
Chum salmon		11,621,000	236,500	Warmouth bass			14,500
Silver salmon		1,430,000	1,103,000	Sunfish			3,951,000
Sockeye salmon		5,460,000	18,144,100	Pike perch	830,025,000	6,600,000	
Humpback salmon		139,000		Yellow perch		4,000,000	2,191,800
Steelhead salmon	110,000	73,000	2,198,500	White perch		900,000	
Atlantic salmon			20,900	White bass			18,900
Landlocked salmon			474,000	Rio grande perch			8,800
Rainbow trout	6,095,000		12,538,600	Fresh-water drum			6,600
Black-spotted trout	18,165,000		16,294,700	Cod	1,037,262,000		
Lockleven trout	13,174,000	7,726,000	5,526,400	Haddock	191,754,000		
Lake trout	500,000	786,000	383,400	Winter flounder	46,077,000	888,415,000	
Brook trout	5,654,000	3,654,000	20,440,700	Miscellaneous fishes			2,801,600
Grayling	290,000	4,950,000					

[1] Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in the fish-cultural field services and the administrative and clerical force in Washington, D. C.

Sources of tables 682 and 683: Bureau of Fisheries, Department of Commerce.

31.—MINING AND MINERAL PRODUCTS

[Data in this section cover the following areas unless otherwise indicated: Bureau of Census and American Iron and Steel Institute statistics, continental United States; Bureau of Mines production statistics, continental United States, and, for leading products, outlying areas; foreign trade statistics, United States customs area, which includes Alaska, Hawaii, and Puerto Rico. Index numbers of mineral production are shown in table 763, p. 748]

No. 684.—TOTAL VALUE OF MINERAL PRODUCTS OF THE UNITED STATES

NOTE.—All figures in millions of dollars. See general note above

Yearly average or year	Total	Metallic	Nonmetallic	Unspecified	Year	Total	Metallic	Nonmetallic	Unspecified
1881–1885	426	191	229	6	1916	3,508	1,621	1,884	3
1886–1890	541	248	292	1	1917	4,992	2,086	2,900	6
1891–1895	592	244	347	1	1918	5,541	2,153	3,381	7
1896–1900	828	366	461	1	1919	4,596	1,360	3,233	3
1901–1905	1,392	578	813	1	1920	6,981	1,762	5,214	5
1906–1910	1,887	769	1,118	(1)	1921	4,139	654	3,482	3
1911–1915	2,220	820	1,399	1	1922	4,647	987	3,656	4
1916–1920	5,124	1,796	3,322	5	1923	5,987	1,511	4,472	4
1921–1925	5,155	1,153	3,998	5	1924	5,306	1,232	4,068	6
1926–1930	5,556	1,273	4,275	9	1925	5,678	1,380	4,291	6
1907	2,070	904	1,165	(1)	1926	6,214	1,403	4,803	8
1908	1,592	551	1,041	(1)	1927	5,530	1,218	4,304	8
1909	1,887	755	1,132	(1)	1928	5,385	1,285	4,092	9
1910	1,988	750	1,238	(1)	1929	5,888	1,476	4,401	10
1911	1,924	681	1,243	(1)	1930	4,765	983	3,773	9
1912	2,238	862	1,375	(1)	1931	3,167	567	2,592	7
1913	2,434	879	1,554	(1)	1932	2,462	284	2,172	6
1914	2,111	687	1,424	(1)	1933	2,555	411	2,133	11
1915	2,395	992	1,400	2	1934	3,350	542	2,793	15

[1] Less than $500,000.

Source: Bureau of Mines, Department of the Interior.

No. 685.—YEARLY AVERAGE PRICES OF NONFERROUS METALS

[Prices are cents per pound, except quicksilver (dollars per flask[1]) and platinum (dollars per ounce)]

Year	Copper, electrolytic (New York)	Lead (New York)	Tin[2] (New York)	Zinc (St. Louis)	Aluminum[3] (New York)	Antimony (New York)	Quicksilver (New York)	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	28.194	[7] 5.284	33.80	7.398	43.17	19.55
1906–1910	15.642	4.780	34.260	5.432	31.12	11.885	44.12	26.58
1911	12.376	4.420	42.281	5.608	20.34	7.540	46.54	43.12
1912	16.341	4.471	46.096	6.799	22.52	7.760	42.46	45.55
1913	15.269	4.370	44.252	5.504	23.63	7.520	39.54	44.88
1914	13.602	3.862	34.301	5.061	18.60	8.763	48.31	45.14
1915	17.275	4.673	38.590	13.054	34.13	30.280	87.01	47.13
1916	27.202	6.858	43.480	12.634	60.73	25.370	125.49	83.40
1917	27.180	8.787	61.802	8.730	51.25	20.690	106.30	102.82
1918	[8] 24.628	7.413	(9)	7.890	33.60	12.581	123.47	105.95
1919	18.691	5.759	63.328	6.988	32.14	8.190	92.15	114.61
1920	17.456	7.957	49.101	7.671	30.61	8.485	81.12	110.90
1921	12.502	4.545	29.916	4.655	21.21	4.957	45.46	75.03
1922	13.382	5.734	32.554	5.716	18.68	5.471	58.95	97.62
1923	14.421	7.267	42.664	6.607	25.41	7.897	66.50	116.54
1924	13.024	8.097	50.176	6.344	27.03	10.836	69.76	118.82
1925	14.042	9.020	57.893	7.622	27.19	17.494	83.13	119.09
1926	13.795	8.417	65.285	7.337	26.99	15.988	91.90	113.27
1927	12.920	6.759	64.353	6.242	25.41	12.393	118.16	94.64
1928	14.570	6.305	50.427	6.027	23.90	10.305	123.51	78.58
1929	18.107	6.833	45.155	6.512	23.90	8.956	122.14	67.66
1930	12.982	5.517	31.694	4.556	23.79	7.667	115.01	45.36
1931	8.116	4.243	24.467	3.640	23.30	6.720	87.35	35.67
1932	5.555	3.180	22.017	2.876	23.30	5.592	57.93	36.46
1933	7.025	3.869	39.110	4.029	23.30	6.528	59.23	30.99
1934	8.428	3.860	52.191	4.158	21.58	8.901	73.87	36.47

[1] Flasks of 75 pounds prior to 1928; 76 thereafter.
[2] 99 percent tin, 1896–1919; Straits tin thereafter.
[3] Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98–99 percent); beginning 1930, for 99 percent + virgin ingot.
[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, 1903–5; average for New York zinc, 1901–5, 5.058 cents.
[8] Average of 11 months.
[9] No average computed.

Sources: Engineering and Mining Journal; American Metal Market for aluminum, 1909–34.

No. 686.—MINES AND QUARRIES, PRODUCING AND NONPRODUCING: PRINCIPAL STATISTICS FOR CONTINENTAL UNITED STATES, 1929

NOTE.—Statistics are not comparable with those for earlier years shown in the 1931 and previous issues of the Statistical Abstract owing to the exclusion of data for the petroleum and natural-gas industries (no data having been collected in 1929) and the inclusion of data for the sand and gravel, glass-sand, and moulding-sand industries (data having been collected for the first time in 1929)

	All enterprises	Producing enterprises	Nonproducing enterprises	
			Number or amount	Percent of total
Number of enterprises	10,996	10,135	861	7.8
Number of mines and quarries	12,506	11,602	904	7.2
Persons engaged, total	870,480	863,948	6,532	.8
Proprietors and firm members	4,929	4,897	32	.6
Salaried employees	53,331	52,633	698	1.3
Wage earners (average for the year)	812,220	806,418	5,802	.7
Power equipment (total horsepower)	7,584,463	7,514,843	69,620	.9
Prime movers	2,780,116	2,743,025	37,091	1.3
Electric motors driven by purchased energy	4,804,347	4,771,818	32,529	.7
Principal expenses, total—1,000 dollars	1,675,944	1,661,168	14,776	.9
Salaries—do	139,023	137,639	1,384	1.0
Wages—do	1,099,895	1,091,990	7,905	.7
Contract work—do	17,914	17,056	857	4.8
Supplies—do	297,554	293,568	3,986	1.3
Fuel—do	49,304	49,146	218	.4
Purchased electric energy—do	72,195	71,769	426	.6
Value of products—do	2,392,831	2,392,831		
Expenditures for development (included above in "Principal expenses")—1,000 dollars	89,646	76,488	13,158	14.7
Machinery and other equipment purchased during the year (total cost)—1,000 dollars	86,732	84,508	2,224	2.6

No. 687.—PRODUCING MINES AND QUARRIES: PRINCIPAL STATISTICS, CONTINENTAL UNITED STATES

	1909 [1]	1919 [1]	1929		Percent increase or decrease (—)	
			All industries	Revised (for comparative purposes) [1]	1909–1919	1919–1929
Number of enterprises	12,089	11,466	10,135	9,063	—5.2	—21.0
Number of mines and quarries	18,127	13,731	11,602	10,277	—24.3	—25.2
Persons engaged, total	982,329	952,585	863,948	841,652	—3.0	—11.6
Proprietors and firm members	13,703	7,695	4,897	4,629	—43.8	—39.8
Salaried employees	37,946	56,515	52,633	48,666	48.9	—13.9
Wage earners (average for the year)	930,680	888,355	806,418	788,357	—4.5	—11.3
Power equipment (total horsepower)	3,384,759	4,900,102	7,514,843	6,970,001	44.8	42.2
Prime movers	3,179,270	3,341,350	2,743,025	2,502,132	5.1	—25.1
Electric motors driven by purchased energy	205,489	1,558,752	4,771,818	4,467,959	658.6	186.6
Principal expenses (1,000 dollars):						
Salaries	46,093	115,861	137,639	126,008	151.4	8.8
Wages	559,546	1,161,415	1,091,990	1,066,606	107.6	—8.2
Contract work	12,151	10,717	17,056	16,595	—11.8	54.9
Supplies and materials	196,530	331,627	293,568	280,623	120.3	—15.4
Fuel		74,082	49,146	44,693		—39.7
Purchased electric energy		27,230	71,769	66,416		143.9
Value of products (1,000 dollars)	1,052,569	2,226,671	2,392,831	2,260,384	111.5	2.4

1 The figures for 1909, 1919, and 1929 have been adjusted to make them comparable.

Source of tables 686 and 687: Bureau of the Census, Department of Commerce.

No. 688.—PRODUCING MINES AND QUARRIES: SUMMARY, BY STATES

NOTE.—Figures for 1919 and 1929 have been revised to make them comparable except for 1919 where data for revision were not available, and for certain States for 1929 where revision would result in disclosure of individual operations. Therefore, the totals for the United States are less than the sum of the figures for the States for both years and for geographic divisions for 1919; also the totals for most of the geographic divisions for 1929 are less than the sum of the figures for the States

[Wages and value of products in thousands of dollars]

Division and State	Number of mines and quarries		Wage earners (average for the year)		Horsepower		Wages		Value of products	
	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929
Continental U. S.	13,731	10,277	888,355	788,357	4,900,102	6,870,091	1,161,415	1,066,606	2,226,671	2,280,384
New England	334	347	7,213	7,979	82,725	96,422	8,036	11,560	18,723	27,929
Maine	51	56	979	1,170	6,277	12,076	1,052	1,577	1,823	3,468
New Hampshire	33	39	652	569	4,336	5,455	826	773	1,568	1,562
Vermont	109	129	2,936	3,154	28,099	39,906	3,042	4,153	8,555	10,276
Massachusetts	79	77	1,704	2,207	12,493	26,741	2,069	3,657	4,176	8,571
Rhode Island	15	14	369	256	3,000	4,237	400	385	952	809
Connecticut	47	42	543	761	8,520	10,756	647	1,220	1,649	3,810
Middle Atlantic	3,757	2,402	324,242	282,913	1,723,094	2,294,998	446,802	413,541	777,718	717,793
New York	147	206	5,334	5,021	61,143	102,389	6,410	7,480	15,230	24,272
New Jersey	102	71	4,576	2,906	33,901	50,171	5,393	4,309	9,309	11,100
Pennsylvania	3,508	2,129	314,332	275,138	1,628,050	2,143,828	434,999	401,988	753,179	683,531
East North Central	2,324	1,823	181,733	115,863	953,714	1,141,215	227,541	154,018	401,132	318,842
Ohio	1,064	744	44,175	25,500	184,271	182,003	51,767	20,117	89,035	51,757
Indiana	398	375	26,348	15,963	121,994	150,645	29,717	22,349	50,236	44,297
Illinois	590	486	76,371	52,164	282,801	398,602	90,901	71,828	147,410	124,772
Michigan	165	117	31,292	19,745	337,882	355,897	50,406	27,229	103,870	87,819
Wisconsin	107	104	3,547	2,517	26,766	49,158	4,750	3,545	10,581	10,401
West North Central	1,270	1,166	56,948	40,634	330,264	489,585	74,651	54,231	211,597	220,161
Minnesota	196	143	17,265	11,370	144,199	198,182	29,383	17,767	130,399	130,359
Iowa	226	207	11,274	6,766	32,166	38,945	12,466	8,806	18,474	14,648
Missouri	494	401	14,857	12,793	100,070	147,936	16,777	15,538	33,366	43,479
North and South Dakota	107	150	2,559	2,507	13,881	35,202	3,526	3,834	7,242	10,527
Nebraska	9	8	162	137	1,847	1,605	166	182	293	460
Kansas	238	257	9,831	7,061	38,101	67,665	12,333	8,104	21,823	20,688
South Atlantic	1,976	1,481	117,405	130,236	510,985	971,549	136,860	155,870	252,555	288,757
Delaware and Dist. of Col.	11	6	128	104	757	901	144	120	259	268
Maryland	161	119	5,628	3,987	18,660	23,967	6,152	4,125	9,699	7,341
Virginia	216	196	14,547	15,015	57,880	107,318	16,108	14,554	29,363	28,706
West Virginia	1,325	870	88,510	101,085	366,028	664,530	107,162	128,418	190,088	222,317
North Carolina	106	123	1,890	2,436	5,039	20,348	1,489	2,193	2,737	5,631
South Carolina	20	35	933	1,298	4,656	18,470	680	930	1,351	3,093
Georgia	82	81	2,397	3,665	12,996	34,386	2,017	2,898	4,082	9,430
Florida	55	65	3,372	3,061	44,969	106,384	3,108	3,046	8,976	12,525
E. South Central and W. South Central	1,970	1,491	109,793	130,698	481,635	839,583	122,187	127,551	225,570	263,629
Kentucky	864	617	41,444	57,569	135,098	310,664	46,905	62,442	75,157	102,502
Tennessee	263	167	14,470	11,441	56,675	73,772	12,987	10,333	23,292	22,050
Alabama	348	242	32,579	31,674	145,775	265,666	36,230	30,693	59,866	53,363
Arkansas	126	121	3,614	4,744	20,748	30,620	4,547	4,505	7,783	9,796
Louisiana and Mississippi	4	2	387	94	6,886	590	469	100	8,091	220
Oklahoma	284	245	12,734	10,047	94,939	98,481	16,060	13,318	34,430	31,560
Texas	81	104	4,565	5,190	21,514	60,394	4,989	6,151	17,041	44,334
Mountain	1,598	1,094	79,234	78,896	700,393	980,410	127,506	132,711	299,454	397,995
Montana	269	169	16,091	14,575	143,473	201,749	25,666	25,718	49,606	64,774
Idaho	83	65	2,455	4,226	31,059	67,295	4,202	7,420	11,840	20,746
Wyoming	87	73	7,532	5,282	49,864	50,855	11,090	9,664	19,969	18,817
Colorado	523	333	16,719	14,493	114,448	116,592	25,263	22,267	51,063	41,205
New Mexico	103	89	7,100	6,986	59,876	90,961	10,494	10,118	18,873	27,142
Arizona	172	134	15,268	16,533	165,076	201,456	26,193	28,238	88,478	116,135
Utah	154	131	9,847	12,149	85,816	179,475	17,197	21,225	41,511	82,843
Nevada	207	104	4,231	4,685	50,786	72,915	7,401	8,104	18,054	26,495
Pacific	502	473	12,790	11,138	137,386	156,329	17,840	17,122	36,966	45,278
Washington	93	90	5,050	3,652	37,998	39,321	7,466	5,796	13,329	12,271
Oregon	52	44	740	635	6,264	7,249	993	958	1,885	2,410
California	357	340	7,000	6,859	93,124	110,019	9,381	10,382	24,752	30,639

Source: Bureau of the Census, Department of Commerce.

No. 689.—PRODUCING MINES AND QUARRIES: SUMMARY BY INDUSTRIES, CONTINENTAL UNITED STATES

NOTE.—Figures for 1919 and 1929 for the limestone, sandstone, abrasive materials, and silica industries are not strictly comparable, owing to the inclusion or exclusion of data for 1929 not similarly treated for 1919. For the limestone industry, data for quarrying operations of lime and cement manufacturers are included in the figures for 1929 but not in those for 1919. For the sandstone industry, data for enterprises whose product was ground into glass or molding sand, or used as refractory materials (siliceous mica schist and ganister), etc., are included in the figures for 1919 but excluded from those for 1929 and included in the figures for the glass-sand, molding-sand, abrasive-materials, or silica industries, according to the nature and purpose of the final product. Data for diatomaceous earth are included in the figures for abrasive materials in 1919 and in those for silica in 1929

[Wages and value of products in thousands of dollars]

Industry	Number of mines and quarries		Wage earners (average for the year)		Horsepower		Wages		Value of products	
	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929
All industries [1]	13,731	10,277	888,355	788,357	4,900,102	6,970,091	1,161,415	1,066,606	2,226,671	2,280,384
Coal:										
Anthracite	421	303	147,372	142,801	899,783	1,041,466	210,289	220,967	364,084	384,854
Bituminous	8,282	5,620	545,798	458,732	2,155,065	3,124,187	682,601	574,800	1,145,978	966,694
Metals:										
Copper	226	180	43,717	44,502	522,426	701,791	66,300	73,200	181,258	283,517
Iron ore	406	208	45,741	28,516	370,859	498,821	75,713	40,905	218,218	197,335
Lead and zinc	473	375	21,884	25,907	229,401	357,737	30,708	39,192	75,579	112,428
Gold and silver, lode mines	799	258	15,436	7,946	149,100	98,772	23,818	12,982	58,832	20,107
Gold, placer mines	132	37	1,380	578	35,632	20,280	1,914	970	9,360	3,779
Mercury	26	40	748	1,029	2,607	5,625	828	1,384	1,803	2,820
Manganese	37	21	909	354	5,800	2,342	1,086	392	2,188	1,185
Stone:										
Limestone	925	1,256	22,060	32,300	213,717	535,466	23,926	39,188	52,944	117,258
Granite	381	434	8,049	10,037	55,614	108,217	8,588	12,040	18,279	30,381
Basalt	174	144	3,336	3,053	37,307	63,881	3,991	4,498	9,668	15,544
Slate	104	130	3,513	4,098	20,613	33,817	3,128	4,884	5,721	10,486
Marble	62	88	1,732	3,350	15,628	30,198	1,452	3,202	4,398	7,539
Sandstone	276	172	4,287	2,156	33,869	28,935	4,449	2,628	10,685	6,312
Miscellaneous	(2)	234	(2)	1,841	(2)	28,527	(2)	2,406	(2)	8,475
Miscellaneous:										
Abrasive materials [3]	34	36	317	462	1,748	3,878	322	491	722	1,411
Asbestos	11	11	146	196	420	2,114	92	237	250	397
Asphalt and bituminous rock	12	25	324	1,123	648	13,109	295	1,255	750	5,124
Barite	98	44	919	844	3,029	6,066	769	648	1,592	1,801
Clay	350	236	5,453	4,139	21,203	31,877	5,367	3,758	10,086	10,753
Feldspar	32	58	349	598	1,782	6,543	264	527	584	1,935
Fluorspar	72	36	1,124	1,053	7,138	6,513	1,196	1,112	3,335	2,858
Fullers and filtering earths	9	24	824	991	2,538	8,221	541	853	2,019	4,812
Gypsum	48	63	2,191	2,078	15,032	26,498	2,478	2,628	6,806	5,740
Magnesite	11	5	448	351	2,540	3,197	652	466	2,170	2,044
Mica	69	32	448	226	803	1,721	288	195	607	516
Millstones and pulpstones	11	14	37	164	220	2,517	48	221	65	621
Minor metals [4]	37	30	1,371	1,244	6,051	13,469	1,690	1,507	3,916	6,050
Phosphate rock	69	33	4,373	3,201	49,630	104,146	8,901	3,304	10,300	13,044
Silica [5]	29	73	166	1,433	2,032	11,771	166	1,677	372	4,645
Sulphur and pyrites	22	10	2,301	2,199	22,629	33,932	3,067	3,483	20,345	37,126
Talc and soapstone	30	28	958	550	7,053	10,530	835	615	2,302	2,088
Miscellaneous minerals [6]	47	19	604	305	8,040	3,978	516	301	1,350	3,503
Sand, glass	------	32	------	1,030	------	13,215	------	1,314	------	5,359
Sand, molding	------	128	------	1,037	------	14,762	------	1,291	------	4,776
Sand and gravel	------	1,165	------	15,994	------	516,745	------	22,780	------	102,312

[1] For 1919 includes, besides those specified, statistics for 15 enterprises in the chromite industry; the value of products of this industry was less than one-tenth of 1 per cent of the total for all industries. For 1929 does not include data for the glass-sand, molding-sand, and sand and gravel industries, no data having been collected for these industries in 1919.

[2] Distributed among other stones.

[3] Emery; garnet and industrial sapphires and diamonds; grinding pebbles and tube-mill lining; grindstones, oilstones, whetstones, scythestones, and rubbing stones; pumice and volcanic ash (pumicite).

[4] Bauxite, molybdenum, titanium, tungsten, vanadium.

[5] Diatomaceous earth, ganister, quartz, quartzite, silica rock, silica sand, siliceous mica schist, tripoli.

[6] Borates, cyanite, graphite, lithium minerals (amblygonite, lepidolite, and spodumene), mineral pigments, tantalum, vermiculite.

Source: Bureau of the Census, Department of Commerce.

No. 690.—PRODUCING MINES AND QUARRIES: SIZE OF ENTERPRISES ACCORDING TO NUMBER OF WAGE EARNERS, CONTINENTAL UNITED STATES, 1929

Industry and wage earners per enterprise	Number of enterprises	Number of mines and quarries	Wage earners: Average for year	Wage earners: Percent
All industries [1]	10,099	11,568	806,418	100.0
Not reported	31	34		
1 to 5	2,742	2,799	8,194	1.0
6 to 20	3,004	3,217	34,079	4.2
21 to 50	1,611	1,795	53,183	6.6
51 to 100	1,055	1,201	76,362	9.5
101 to 250	938	1,267	158,623	19.7
251 to 500	416	607	145,883	18.1
501 to 1,000	169	274	110,931	13.8
1,001 to 2,500	60	188	87,279	10.8
2,501 and over	23	184	131,884	16.3
Anthracite	198	303	142,801	100.0
1 to 5	31	31	85	.1
6 to 20	20	21	221	.2
21 to 50	21	21	710	.5
51 to 100	17	18	1,113	.8
101 to 250	32	34	5,052	3.5
251 to 500	19	19	6,983	4.9
501 to 1,000	34	36	23,291	16.3
1,001 to 2,500	11	24	17,255	12.1
2,501 and over	13	99	88,091	61.6
Bituminous coal	4,976	5,620	458,732	100.0
1 to 5	1,384	1,384	3,979	.9
6 to 20	1,109	1,123	12,316	2.7
21 to 50	676	720	23,169	5.1
51 to 100	619	692	45,624	9.9
101 to 250	708	830	114,505	25.0
251 to 500	334	472	116,890	25.4
501 to 1,000	105	196	67,093	14.6
1,001 to 2,500	34	142	47,404	10.3
2,501 and over	7	61	27,752	6.1
Copper	143	180	44,502	100.0
Not reported	2	2	104	.2
1 to 5	33	33		
Copper—Continued.				
6 to 20	40	41	496	1.1
21 to 50	14	17	398	.9
51 to 100	12	13	877	2.0
101 to 250	11	13	1,859	4.2
251 to 500	10	15	3,393	7.6
501 to 1,000	7	9	5,096	11.5
1,001 to 2,500	11	13	32,279	72.5
2,501 and over	3	24		
Limestone	1,165	1,254	32,300	100.0
1 to 5	283	286	897	2.8
6 to 20	438	465	5,400	16.7
21 to 50	288	312	9,313	28.8
51 to 100	107	119	7,436	23.0
101 to 250	41	58	6,398	19.8
251 to 500	6	6	2,856	8.9
501 to 1,000	2	8		
Iron ore	180	208	28,516	100.0
1 to 5	7	7	20	.1
6 to 20	13	13	153	.5
21 to 50	29	32	949	3.3
51 to 100	45	46	3,452	12.1
101 to 250	59	76	9,603	33.9
251 to 500	16	20	5,262	18.5
501 to 1,000	10	11	9,017	31.6
1,001 to 2,500	1	3		
Sand and gravel	957	1,165	15,994	100.0
1 to 5	263	292	976	6.1
6 to 20	485	561	5,216	32.6
21 to 50	160	214	4,964	31.0
51 to 100	31	49	2,175	13.6
101 to 250	17	48	2,663	16.7
251 to 500	1	1		

[1] Exclusive of 36 enterprises operating 36 mines which employed no wage earners.

No. 691.—PRODUCING MINES AND QUARRIES, HOURS OF LABOR, 1929

NOTE.—This table does not include data for enterprises having products valued at less than $20,000. To avoid disclosing data for individual establishments, the figures for certain groups are combined and printed in *italics*. An (x) shows where an omission results

Industry	Wage earners (average for the year)—total	Wage earners in mines where the prevailing hours of labor per week were—: Under 36	36 and over but under 40	40	Over 40 but under 48	48	Over 48 but under 63	63 and over
All industries	792,395	51,023	5,764	29,293	26,506	528,394	144,091	7,324
Coal, anthracite	142,801	912		30	3,186	138,226	*447*	(x)
Coal, bituminous	447,125	49,602	5,587	25,842	14,589	320,718	29,427	360
Copper	44,234	(x)			(x)	24,416	*19,818*	
Limestone	31,578	*118*	(x)	450	307	4,652	25,052	999
Iron ore	28,516			*424*	974	15,103	*12,015*	(x)
Sand and gravel	15,994	*70*	(x)	273	339	1,273	11,850	2,189
Lead	13,831	(x)				*6,634*	6,734	463
Zinc	11,861		(x)		(x)	5,897	*5,832*	102
Granite	9,806	44	97	595	4,239	2,326	2,505	
Gold, lode	5,079	(x)				*1,971*	*3,103*	(x)
Gold, placer	534	(x)				*39*	495	
Clay	4,139	*78*	(x)	*98*	281	744	2,021	917
Slate	4,027	[1]91		(x)	*926*	52	*2,959*	(x)
Marble	3,308	(x)	(x)		*217*	94	*2,897*	(x)
Basalt	3,016			*127*	(x)	406	2,392	91
Silver	2,451	(x)				*90*	*2,361*	(x)
Sandstone	2,058	(x)		*137*	344	399	*1,178*	(x)
Stone, miscellaneous	1,569		(x)		*74*	381	892	222
Other industries	20,468	123	1	169	933	5,001	13,660	581

[1] Number of hours not reported.

Source of tables 690 and 691: Bureau of the Census, Department of Commerce.

No. 692.—MINERAL PRODUCTION, BY STATES

NOTE.—Iron ore, not pig iron, is taken as the basis of valuation of iron and in the case of other metals, mine production (recoverable content of metals) is the basis

[Values in thousands of dollars]

Division and State	1927	1928	1929	1930	1931	1932	1933
Continental United States	4,888,555	4,706,113	5,164,963	4,249,935	2,854,199	2,285,307	2,320,888
New England	48,531	49,053	49,101	40,619	32,370	21,383	18,699
Maine	5,476	5,923	6,749	6,228	4,889	3,174	2,694
New Hampshire	3,447	3,816	3,726	3,337	2,706	1,352	1,457
Vermont	14,703	14,649	14,603	11,637	8,422	6,401	5,793
Massachusetts	16,295	16,234	16,031	12,723	11,170	8,039	4,917
Rhode Island	1,311	831	940	1,209	793	506	387
Connecticut	7,299	7,600	7,053	5,485	4,300	1,911	1,551
Middle Atlantic	1,122,074	1,060,381	1,074,167	935,351	714,283	497,983	487,387
New York	112,210	108,026	109,361	99,622	78,007	50,176	42,940
New Jersey	73,091	70,865	71,892	57,206	41,633	23,073	22,580
Pennsylvania	936,773	881,490	892,914	778,523	594,643	424,734	421,847
East North Central	660,742	642,488	676,012	543,627	384,475	236,421	261,371
Ohio	226,903	211,041	220,061	186,972	130,028	87,997	91,146
Indiana	107,578	98,584	96,962	79,227	50,852	34,603	34,011
Illinois	180,394	188,099	182,791	148,311	108,066	71,693	74,837
Michigan	124,080	123,826	151,976	111,406	62,786	34,714	54,223
Wisconsin	21,777	20,938	24,222	17,711	11,843	7,414	7,154
West North Central	347,584	348,016	392,950	326,710	192,733	133,564	165,857
Minnesota	102,973	108,275	136,350	103,931	55,275	12,273	42,472
Iowa	33,426	35,499	35,955	33,358	21,615	18,523	15,155
Missouri	75,890	74,931	78,948	69,074	41,806	29,245	30,588
North Dakota	2,870	3,083	3,466	3,056	2,271	2,386	2,961
South Dakota	8,404	9,443	8,914	11,076	11,339	11,118	14,659
Nebraska	3,542	3,455	4,845	4,962	3,623	1,548	2,047
Kansas	120,369	113,280	124,472	100,253	56,804	58,471	57,975
South Atlantic	481,112	440,331	450,973	380,543	289,619	199,741	218,442
Delaware	493	482	467	425	395	300	136
Maryland	20,469	18,418	18,470	14,990	11,330	7,234	7,015
District of Columbia	1,375	1,031	1,065	1,288	282	1,819	423
Virginia	41,323	38,770	39,753	34,603	26,150	16,927	18,846
West Virginia	366,643	336,637	346,565	290,119	221,735	156,043	172,727
North Carolina	11,704	11,480	10,964	7,462	5,554	2,466	3,351
South Carolina	4,251	4,046	3,592	3,341	3,031	951	1,014
Georgia	16,758	14,740	15,294	12,831	10,291	6,293	6,087
Florida	18,096	15,227	14,804	15,484	10,851	7,108	8,844
East South Central	271,684	249,698	241,344	201,427	140,224	95,527	108,364
Kentucky	152,614	131,970	132,650	111,091	74,868	59,076	65,536
Tennessee	37,875	39,217	40,720	32,499	24,461	14,562	16,771
Alabama	78,641	69,807	65,402	55,462	38,507	19,170	23,291
Mississippi	2,554	2,634	2,573	1,775	2,388	2,719	2,766
West South Central	1,009,814	967,071	1,116,555	947,374	564,491	651,899	605,831
Arkansas	59,449	45,010	41,325	34,901	18,692	15,540	12,710
Louisiana	51,267	56,810	62,726	71,929	61,693	61,097	54,888
Oklahoma	524,595	486,634	516,685	390,171	181,905	185,121	172,561
Texas	374,503	378,617	495,820	450,373	302,201	390,141	365,674
Mountain	458,780	493,577	579,543	369,988	231,619	146,300	151,068
Montana	68,265	74,752	93,842	50,995	32,360	19,023	21,062
Idaho	29,184	28,589	32,143	22,904	13,177	9,478	12,429
Wyoming	56,137	62,951	51,237	46,735	30,893	27,343	22,025
Colorado	58,855	58,595	55,332	46,271	32,970	25,800	27,259
New Mexico	28,009	30,427	37,128	31,850	25,350	20,264	23,355
Arizona	100,559	116,000	157,960	82,934	41,603	15,204	12,571
Utah	90,388	97,381	115,131	64,224	40,302	22,620	24,312
Nevada	26,753	34,882	36,770	24,075	14,964	6,568	7,455
Pacific	488,284	463,068	584,313	505,296	12,371	302,489	305,869
Washington	21,966	22,120	22,435	20,076		12,817	9,388
Oregon	6,821	6,687	6,877	6,170		2,989	3,522
California	459,497	434,261	555,001	479,050		286,683	292,979
Alaska	14,402	14,024	15,947	13,707		11,526	12,681

Source: Bureau of Mines, Department of the Interior.

No. 693.—MINERAL PRODUCTS OF THE UNITED STATES: QUANTITIES AND VALUES

NOTE.—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 1934 are estimates. Blank spaces indicate absence of data in most cases; method of computing total value is indicated by footnotes. Short tons are 2,000 pounds; long tons, 2,240 pounds

Product	Quantity						Value in thousands of dollars					
	1915	1920	1925	1930	1933	1934	1915	1920	1925	1930	1933	1934
METALLIC												
Aluminum, 1,000 pounds		138,000	140,000	229,035	85,126	74,177	16,280	41,375	36,430	50,961	16,174	14,094
Antimonial lead[1], short tons	23,224	12,535	19,667	13,711	[2]	[2]	3,666	1,963	3,786	1,393	[2]	[2]
Antimony, do	[3] 5,364	[3] 2,735	[3] 2,624	[3] 1,685	[3]	[3]	[3] 2,374	[3] 473	[3] 918	[3] 258	[3]	[3]
Bauxite, long tons	297,041	521,308	316,540	330,612	154,176	157,838	1,515	3,247	1,988	1,928	923	1,129
Cadmium, pounds	91,415	129,283	502,824	2,777,762	2,276,933	2,777,384	108	151	277	1,778	[4]	[4]
Chromite, long tons	3,281	2,502	108	80	843	369	37	45	2	2	12	5
Copper,[5] sales value, 1,000 pounds	1,388,010	1,209,061	1,674,870	1,394,389	449,999	488,454	242,902	222,467	237,832	181,271	28,800	39,076
Ferro-alloys, long tons	383,644	612,808	616,222	650,240	421,423	428,798	17,450	77,519	53,048	51,900	28,654	34,635
Gold[6], 1,000 troy ounces	4,888	2,476	2,412	2,286	2,556	3,075	101,036	51,187	49,860	47,248	[6] 65,338	[6] 107,632
Iron:												
Ore, 1,000 long tons	55,493	69,281	63,925	55,201	24,824	25,793	[7] 101,289	[7] 285,006	[7] 160,797	[7] 145,619	[7] 63,776	[7] 66,484
Pig, do	30,384	35,710	36,815	29,905	14,353	15,633	401,410	1,140,904	739,316	512,165	213,348	264,654
Lead (refined),[5] sales value, short tons	507,026	476,849	654,921	573,740	259,616	299,841	47,660	76,296	113,956	57,374	19,212	22,188
Manganese ore (35 percent or more Mn.), long tons	9,613	94,420	98,324	67,035	19,146	26,514	113	2,396	1,858	1,437	466	572
Manganiferous ore (5 to 35 percent Mn.), long tons	195,735	767,664	1,448,054	785,390	191,631	221,822	817	2,438	3,752	2,402	529	621
Mercury, metal, flasks (76 pounds net)	20,756	13,216	9,053	21,553	9,669	15,445	1,805	1,067	763	2,479	573	1,141
Mercury ore, short tons	159,000	109,000	65,000	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Nickel, do	822	365	272	308	126	157	538	293	170	214	63	108
Ores (crude), tailings, etc.:												
Copper, 1,000 short tons	43,404	36,765	53,262	47,382	8,385	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Copper-lead and copper-lead zinc, do	11	27	229	246	126	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Dry and siliceous (gold and silver), do	12,687	8,590	8,995	7,767	3,680	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Lead, do	7,497	7,200	8,560	8,080	3,213	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Lead-zinc, do	18,176	12,383	17,741	10,645	4,894	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Zinc, do		2,051	3,411	5,980	3,236	[8]	[8]	[8]	[8]	[8]	[8]	[8]
Platinum and allied metals (value at New York City), troy ounces	8,665	41,544	49,643	43,502	51,539	47,274	479	4,698	5,662	2,049	1,631	1,686
Silver, 1,000 troy ounces	74,961	55,362	66,155	50,748	23,003	31,384	37,397	60,802	45,012	19,538	8,051	20,274
Tin (metallic equivalent), short tons	102	22	14	17	3	9	79	22	16	10	2	10
Titanium ore (ilmenite), do			5,566	[4]	[4]	[4]			89	[4]	[4]	[4]
Titanium ore (rutile), do	250	277	46	[4]	[4]	[4]	28	[4]	11	[4]	[4]	[4]
Tungsten ore (60 per cent concentrates), do	2,332	216	1,190	702	895	2,049	4,100	102	756	509	514	1,791
Uranium and vanadium ores, do		35,076	13,070	[4]	105	[4]	694	2,401	331	[4]	4	[4]
Zinc,[5] sales value, do	458,135	450,045	555,631	489,361	306,010	355,366	113,617	72,907	84,456	46,979	25,705	30,561
Total metallic products (approximate)							991,730	1,762,850	1,380,280	982,550	411,300	542,100

For footnotes see p. 681.

No. 693.—Mineral Products of the United States: Quantities and Values—Continued

Products	Quantity						Value in thousands of dollars					
	1915	1920	1925	1930	1933	1934	1915	1920	1925	1930	1933	1934
NONMETALLIC												
Arsenious oxide, short tons	5,498	11,502	12,817	17,425	11,797	15,623	302	2,021	1,199	1,008	636	797
Asbestos, do	1,731	1,648	1,258	4,242	4,745	5,087	77	678	52	289	131	158
Asphalt:												
Native, do	740,254	898,993	584,850	702,777	313,135	440,852	5,242	13,199	4,148	4,463	1,705	2,366
Oil (including road oil), do			1,206,700	2,273,546	2,122,458	2,484,743			[7] 15,306	[7] 21,570	[7] 15,946	[7] 23,277
Barite (crude), do	108,547	228,113	228,063	234,932	167,880	209,850	331	2,142	1,703	1,538	853	1,109
Borates, do	67,003	120,320	113,700	177,360	188,047	242,500	1,677	2,173	3,086	5,352	3,436	4,822
Bromine, 1,000 pounds	856	1,161	1,566	3,463	10,148	15,344	856	745	488	2,110	2,040	3,227
Calcium-magnesium chloride, short tons	20,536	27,849	67,870	116,160	57,813	76,719	131	539	1,387	2,208	893	1,153
Cement, 1,000 bbls. (376 lbs. net)	87,685	97,079	159,047	160,846	64,715	76,367	75,155	195,590	281,076	231,249	86,172	116,446
Clay:												
Products							160,080	373,670	[9] 423,447	[9] 275,134	[9] 94,727	[9] 116,172
Raw, 1,000 short tons	2,363	3,116	4,030	3,963	1,840	2,187	[7] 3,972	[7] 11,614	[7] 12,787	[7] 12,521	[7] 6,841	[7] 8,197
Coal:												
Bituminous [10], do	442,624	568,667	520,053	467,526	333,631	358,395	502,038	2,129,933	1,060,402	795,483	445,788	652,279
Pennsylvania anthracite, do	88,995	89,598	61,817	69,385	49,541	57,385	184,653	434,252	327,665	354,574	206,718	243,312
Coke, do	41,581	51,345	51,267	47,972	27,589	31,822	[7] 105,504	[7] 494,246	[7] 262,559	[7] 209,137	[7] 122,951	[7] 159,426
Diatomite and tripoli, short tons	35,304	102,155	102,418	[11] 32,439	[11] 20,878	[11] 20,529	167	1,649	1,357	[11] 508	[11] 350	[11] 329
Emery, do	3,063	2,327	769	555	1,056	189	31	22	6	6	12	2
Feldspar (crude), long tons	93,855	135,551	185,706	171,788	150,633	154,183	489	851	1,316	1,067	779	853
Fluorspar, short tons	136,941	186,778	113,669	95,849	72,930	85,786	764	4,719	2,052	1,747	1,039	1,391
Fuller's earth, do	47,901	128,487	206,574	335,644	224,152	220,264	489	2,506	2,924	4,327	2,081	2,085
Garnet for abrasive purposes, do	4,361	5,476	8,429	5,003	2,794	2,591	140	434	713	314	225	215
Gems and precious stones							170	265	[12]	[12]	[12]	[12]
Graphite:												
Amorphous, short tons	1,181	4,694	3,536	1,941	[4]	[4]	12	50	40	21	[4]	[4]
Crystalline, 1,000 pounds	7,074	9,632	2,257	[4]	[4]	[4]	417	576	57	[4]	[4]	[4]
Grindstones and pulpstones, short tons		53,434	37,340	18,700	14,176	12,630	648	1,707	1,706	771	444	463
Gypsum, 1,000 short tons	2,448	3,129	5,678	3,471	1,335	1,536	6,697	24,533	47,577	27,051	11,927	13,762
Lime, do	3,623	3,570	4,581	3,388	2,269	2,407	14,424	37,544	42,609	25,616	14,254	16,996
Magnesite (crude), short tons	30,499	303,767	120,660	129,320	108,187	100,973	274	2,748	1,433	1,033	840	731
Mica:												
Scrap, do	3,959	5,723	9,695	6,732	8,751	7,719	51	167	174	109	93	100
Sheet, 1,000 pounds	554	1,683	1,794	1,465	365	584	378	547	322	177	53	90
Millstones							53	63	22	18	8	10
Mineral paints:												
Natural pigments, short tons	57,442	[13]	[13]	[13]	[13]	[13]	552	[13]	[13]	[13]	[13]	[13]
Zinc and lead pigments [14], do	141,383	143,244	199,190	147,948	129,355	114,661	14,962	24,565	28,311	18,420	13,194	12,617
Mineral waters, 1,000 gallons	52,114	36,218	[12]	[12]	[12]	[12]	5,139	4,861	[12]	[12]	[12]	[12]
Natural gas, 1,000,000 cu. ft.	628,579	798,210	1,188,571	1,943,421	1,555,474	1,770,721	101,312	198,194	265,271	416,090	368,540	395,378
Natural gasoline, 1,000 gallons	65,365	384,744	1,127,470	2,210,494	1,420,000	1,535,360	5,151	71,788	120,383	128,160	54,368	60,523
Oilstones, etc., short tons		1,144	970	651	587	396	115	232	272	137	97	94
Peat, do	42,284	73,204	72,436	[12]	[12]	40,544	289	922	453	[12]	[12]	214

Petroleum ..... 1,000 barrels (42 gals.)	281,104	442,929	763,743	898,011	905,656	908,065	179,463	1,360,745	1,284,960	1,070,200	608,000	904,825
Phosphate rock ..... 1,000 long tons	1,836	4,104	3,482	3,926	2,490	2,835	5,413	25,080	11,546	13,997	7,872	10,040
Potash (K_2O) ..... short tons	1,090	41,444	25,302	56,610	139,067	114,122	342	7,463	1,204	2,986	5,297	2,813
Pumice ..... do	27,708	41,833	40,380	56,843	61,220	56,169	63	114	179	336	242	207
Pyrites ..... long tons	394,124	310,777	170,081	[15] 347,512	[15] 284,311	[15] 432,524	1,675	1,697	650	[15] 1,029	[15] 770	[15] 1,216
Salt ..... 1,000 short tons	6,352	6,840	7,398	8,054	7,605	7,612	11,748	29,894	26,182	25,009	22,318	22,851
Sand and gravel:												
Sand, glass ..... 1,000 short tons	1,884	2,166	2,335	1,849	1,781	1,920	1,607	4,749	3,836	3,211	3,011	65,000
Sand (molding, building, etc.) and gravel 1,000 short tons	74,719	79,875	169,667	195,203	105,974	111,080	21,515	60,913	103,706	111,966	50,062	
Sand-lime brick ..... thousands	179,643	169,761	[9] 315,595	[9] 191,193	[9] 22,904	[9] 41,408	1,135	2,490	[9] 3,781	[9] 1,951	[9] 195	[9] 356
Silica (quartz) ..... short tons	112,575	68,190	25,444	13,156	11,153	18,293	274	320	205	121	71	130
Slate ..... do	----------	468,700	724,600	463,610	259,620	232,730	4,959	8,726	12,575	7,912	2,696	2,708
Stone ..... 1,000 short tons	----------	78,527	115,351	126,996	[16] 70,222	[16] 86,617	74,595	133,542	174,217	178,949	[16] 80,946	[16] 94,456
Sulphur ..... 1,000 long tons	294	1,518	1,858	1,990	1,637	1,614	4,959	30,000	29,000	35,800	29,500	28,900
Sulphuric acid (60° Baumé) from copper and zinc smelters ..... 1,000 short tons	[17] 905	[17] 1,230	1,007	1,188	656	576	7,621	13,617	7,513	9,544	4,338	4,227
Talc and soapstone ..... short tons	186,891	210,635	[16] 182,256	[18] 179,385	[19] 166,023	[19] 138,905	1,892	3,035	[18] 2,012	[18] 2,108	[19] 1,732	[19] 1,451
Total nonmetallic products (approximate)	----------	----------	----------	----------	----------	----------	1,400,484	5,214,170	4,291,100	3,773,400	2,132,900	2,793,300
SUMMARY OF VALUES												
Metallic products	----------	----------	----------	----------	----------	----------	991,730	1,762,350	1,380,280	982,550	411,300	542,100
Nonmetallic products (exclusive of fuels)	----------	----------	----------	----------	----------	----------	427,867	1,021,260	1,232,420	1,008,900	449,350	534,600
Mineral fuels	----------	----------	----------	----------	----------	----------	972,617	4,192,910	3,058,680	2,764,500	1,683,550	2,258,700
"Unspecified" (metallic and nonmetallic) products (partly estimated)	----------	----------	----------	----------	----------	----------	2,430	4,820	6,250	8,850	10,900	14,600
Grand total (approximate)	----------	----------	----------	----------	----------	----------	2,394,644	6,981,340	5,677,630	4,764,800	2,555,100	3,350,000

[1] From both domestic and foreign ores. No comparable data for 1933 and 1934; estimate of value of primary antimony and lead contents of antimonial lead from domestic sources included in total value of metallic products.

[2] Content of antimonial lead. Value excluded from metallic total as the value of the antimony is included in the antimonial lead value.

[3] All from foreign ore in 1933 and largely in 1934. Value not included in total value. Bureau of Mines not at liberty to publish figures.

[4] Value included in total value of metallic or nonmetallic products. Bureau of Mines not at liberty to publish figures.

[5] Product from domestic ores only.

[6] Valued at $20.67+ per ounce prior to 1933. In 1933 includes $52,842,000, calculated by Bureau of the Mint at legal coinage value ($20.67+ per ounce), plus $12,495,000 premium calculated by Bureau of Mines at average weighted price ($25.56 per ounce). Valued at $35.00 per ounce in 1934.

[7] Value not included in total value, since value of product derived therefrom, or of raw material used, is accounted for under other items.

[8] Figures not available. Value of products derived therefrom, or of raw materials used, is included elsewhere.

[9] Figures obtained through cooperation with Bureau of the Census.

[10] Includes brown coal and lignite and anthracite mined elsewhere than in Pennsylvania.

[11] Tripoli only. Value of diatomite is included in total value of nonmetallic products. Bureau of Mines not at liberty to publish figures.

[12] No canvass. Estimate of value included in total value of nonmetallic products.

[13] Canvass discontinued after 1915. Value of iron ore sold for paint included under "Unspecified."

[14] Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.

[15] Figures include pyrites concentrates from Tennessee and partly desulphurized tailings from zinc operations in Wisconsin; similar output in 1915 to 1925 was not included.

[16] Includes soapstone used as dimension stone.

[17] In 1915 includes 59,189 tons and in 1920, 23,728 tons of stronger acid, not converted to 60° Baumé.

[18] Talc only. Value of soapstone in 1925 and 1930 is included in value of nonmetallic products. Bureau of Mines not at liberty to publish figures.

[19] Talc and ground soapstone.

Source: Bureau of Mines, Department of the Interior.

No. 694.—IRON ORE: PRODUCTION, SHIPMENTS, EXPORTS, AND IMPORTS

NOTE.—In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Blank spaces indicate lack of data. Since 1905, ore containing 5 percent or more of manganese has been excluded

Yearly average or year	Production	Shipments	Exports	Imports
1881–1890	10,885			766
1891–1900	17,551			587
1901–1910	41,339		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	64,052	1,021	2,709
1920	67,604	69,281	1,145	1,273
1921	29,491	26,653	440	316
1922	47,129	50,613	602	1,135
1923	69,351	69,811	1,117	2,708
1924	54,267	52,083	595	2,047
1925	61,908	63,925	631	2,191
1926	67,623	69,293	869	2,555
1927	61,741	61,232	899	2,621
1928	62,197	63,433	1,282	2,453
1929	73,028	75,603	1,304	3,139
1930	58,409	55,201	752	2,775
1931	31,132	28,516	436	1,466
1932	9,847	5,331	83	582
1933	17,553	24,624	155	861
1934	24,588	25,793	609	1,428

Production	1931	1932	1933	1934
REGION				
Lake Superior [1]	25,877	8,139	14,611	21,031
Birmingham	3,495	1,336	2,044	2,226
All other	1,760	371	898	1,331
STATE				
Alabama	3,615	1,375	2,133	2,344
Michigan	7,553	2,555	2,434	5,039
Minnesota	17,445	5,154	11,949	15,390
Missouri	112	30	(2)	4
New Jersey	204	31	73	139
New York	276	31	59	245
Pennsylvania	368	103	264	525
Utah	184	137	95	161
Wisconsin	880	430	228	602
Wyoming	181		289	117
All other	225	1	28	22
KIND				
Hematite	[3] 29,605	[3] 9,622	16,921	[3] 23,391
Brown ore	360	62	235	286
Magnetite	[3] 1,105	[3] 163	307	[3] 910
Carbonate	1	(2)	(2)	1

[1] Includes only those mines in Wisconsin which are in true Lake Superior district. [2] Less than 500 tons.
[3] Some hematite included with magnetite.

No. 695.—ANALYSIS OF PIG IRON AND FERRO-ALLOY PRODUCTION

[In thousands of long tons (2,240 pounds) unless otherwise specified]

	1900	1910	1915	1920	1925	1930	1931	1932	1933	1934
Total pig iron and ferro-alloys	13,789	27,304	29,916	36,926	36,701	31,752	18,426	8,781	13,846	16,139
By States:										
New England	14	17	8	10		2,211	1,275	710	765	1,194
New York, New Jersey	463	2,203	2,105	2,601	2,188					
Pennsylvania	6,366	11,272	12,791	13,983	12,523	10,305	5,233	2,188	3,393	4,409
Maryland and Virginia	781	771	503	953	830	1,088	692	380	619	
Alabama	1,184	1,930	2,049	2,393	2,836	2,395	1,671	667	906	
Ohio	2,471	5,752	6,013	8,533	8,863	6,805	4,189	2,412	3,955	
Illinois	1,368	2,676	2,447	3,281	3,604	3,345	1,965	919	1,013	10,535
Indiana, Michigan	104	1,250	1,937	2,940	4,120	3,934	2,328	1,035	1,470	
Wisconsin, Minnesota	185	307	373	711	468					
Iowa, Colorado, Utah	798	1,117	741	1,520	505	805	317	164	188	
All other					762	865	756	306	538	
By disposition:										
For sale	(1)	(1)	8,583	10,724	8,991	7,083	4,339	1,877	2,328	3,003
For maker's use	(1)	(1)	21,333	26,202	27,710	24,670	14,087	6,904	11,007	13,136
By kinds:										
Basic	1,072	9,085	13,093	16,738	19,667	18,303	10,174	5,074	7,953	10,102
Bessemer	7,979	11,246	10,523	12,062	9,419	7,315	4,636	2,220	3,474	3,431
Foundry (incl. ferrosilicon)	3,376	5,260	4,844	5,968	5,410	3,960	2,345	966	1,210	1,506
Malleable	173	843	830	1,311	1,554	1,572	946	420	495	827
Forge	793	564	316	318	241	51	36	2	5	21
Ferromanganese, spiegeleisen, and all other	395	306	310	539	409	461	289	129	209	252
By fuels:										
Coke [2]	11,728	26,258	29,535	36,300	36,504	31,656	18,380	8,766	13,313	16,113
Anthracite	1,677	649	85	303						
Charcoal	384	397	296	323	196	97	46	15	33	26
Materials used:										
Iron ore, briquettes, etc	24,131	51,739	55,137	66,450	65,450	[3] 53,662	[3] 29,668	[3] 12,788	[3] 21,572	[3] 26,042
Cinder, scale, etc	1,609	2,800	4,483	4,986	5,017	[3] 6,296	[3] 3,762	[3] 2,189	[3] 2,820	[3] 3,439
Coke (1,000 tons of 2,000 pounds) [4]	(1)	(1)	33,329	42,046	39,296	[3] 31,168	[3] 17,738	[3] 8,337	[3] 12,547	(1)
Limestone	7,422	14,528	14,790	17,825	16,154	[3] 11,099	[3] 6,209	[3] 2,951	[3] 4,566	(1)
Total number furnaces Dec. 31	406	473	445	452	395	300	288	279	275	269
Furnaces in blast Dec. 31	232	206	310	216	238	97	61	44	75	68

[1] Not available. [2] Includes pig iron and ferro-alloys made in electric furnaces.
[3] Materials consumed in manufacture of pig iron only. [4] Coke and bituminous coal 1900 to 1925.

Sources: Table 694, Bureau of Mines, Department of the Interior; table 695, American Iron and Steel Institute.

No. 696.—PRODUCTION, EXPORTS, AND IMPORTS OF PIG IRON (INCLUDING FERRO-ALLOYS) AND PRODUCTION OF STEEL INGOTS AND CASTINGS

NOTE.—In long tons (2,240 pounds). Prior to 1901 exports and imports are for years ended June 30 following year specified; calendar years thereafter. Imports are imports for consumption beginning with 1933. All production figures are for calendar years. For individual years 1871 to 1908 and data for earlier years, see Statistical Abstract 1931, tables 750 and 751

Yearly average or year	Pig iron and ferro-alloys			Steel ingots and castings, production	Year	Pig iron and ferro-alloys			Steel ingots and castings, production
	Production	Exports of domestic	Imports			Production	Exports of domestic	Imports	
1871–1875	2,248,293	7,412	137,591	[1] 389,799	1918	39,054,644	269,575	34,711	44,402,432
1876–1880	2,562,763	3,407	276,600	803,479	1919	31,015,364	321,261	101,665	34,671,232
1881–1885	4,301,096	5,311	325,290	1,652,268	1920	36,925,987	216,828	185,944	42,132,934
1886–1890	7,079,312	12,407	229,970	3,292,763	1921	16,688,126	28,405	44,842	19,783,707
1891–1895	8,133,014	22,983	54,778	4,675,736	1922	27,219,904	33,332	498,059	35,602,926
1896–1900	11,491,937	224,268	34,308	8,439,938	1923	40,361,146	37,559	474,723	44,943,696
1901–1905	18,239,665	45,465	314,765	15,367,931	1924	31,405,790	45,818	276,966	37,931,939
1906–1910	24,024,722	78,618	275,036	22,166,783	1925	36,700,566	39,907	516,948	45,393,524
1909	25,795,471	61,989	176,442	23,955,021	1926	39,372,729	28,606	514,288	48,293,763
1910	27,303,567	127,385	237,233	26,094,919	1927	36,565,645	55,899	175,529	44,935,185
1911	23,649,547	120,799	148,459	23,676,106	1928	38,155,714	96,743	194,536	51,544,180
1912	29,726,937	272,676	129,325	31,251,303	1929	42,613,983	53,749	223,580	56,433,473
1913	30,966,152	277,648	156,450	31,300,874	1930	31,752,169	25,344	182,446	40,699,483
1914	23,332,244	114,423	139,653	23,513,030	1931	18,426,354	15,429	103,540	25,945,501
1915	29,916,213	224,509	89,836	32,151,036	1932	8,781,453	6,938	145,564	13,681,162
1916	39,434,797	607,236	135,349	42,773,680	1933	13,346,602	11,272	196,284	23,232,347
1917	38,621,216	656,220	76,786	45,060,607	1934	16,138,573	13,474	157,387	[2] 26,055,289

[1] 1875 only. [2] Includes only steel castings produced in foundries producing steel ingots.

No. 697.—PRODUCTION OF ROLLED AND MISCELLANEOUS STEEL PRODUCTS

NOTE.—In thousands of long tons (2,240 pounds) unless otherwise specified. Blank spaces indicate figures not available. The miscellaneous products, except cast-iron pipe, are for the most part further elaborations of the rolled products listed above

	1905	1910	1915	1920	1925	1930	1933	1934
Rolled products, total	16,840	21,621	24,393	32,348	33,387	29,513	17,735	18,970
Rails	3,378	3,636	2,204	2,604	2,785	1,873	416	1,010
Bessemer and electric	3,192	1,884	327	143	10	2	(3)	2
Open hearth	183	1,751	1,775	2,334	2,692	1,835	398	982
Rerolled			102	127	84	36	18	26
Sheets and plates	3,532	4,955	6,078	9,338	9,803	9,087	6,217	6,376
Universal			955	1,250	1,196	1,041	312	535
Sheared			1,923	3,505	2,557	2,622	849	903
Black sheets [4]			1,837	2,880	4,097	3,512	3,092	3,203
Black plates for tinning			1,093	1,449	1,632	1,692	1,677	1,500
Other black-plate specialties			270	247	325	201	287	236
Wire rods	1,809	2,242	3,096	3,137	2,845	2,349	2,024	1,724
Structural shapes	1,661	[5] 2,267	2,437	3,307	3,604	3,512	1,109	1,425
Merchant bars	3,594	3,786	4,131	6,130	5,659	4,132	2,235	[6] 2,802
Skelp	1,436	1,828	2,299	3,220	3,230	2,682	995	1,120
Hoops	446	262	282	333	205	80	48	49
Bands and cotton ties		425	438	389	356	46	51	28
Splice and fish-plate bars			536	576	823	606	197	348
Rolled forging blooms, billets, etc.	42	460	651	447	345	304	121	212
Bars for reenforced concrete work		241	353	572	820	850	370	487
Hot-rolled strips and flats for cold rolling	946					1,942	1,830	2,197
Blanks or pierced billets for seamless tubes		1,519	1,888	2,294	2,908	1,248	589	825
All other rolled products						814	483	366
Miscellaneous products:								
Tin plate		648	953	1,375	1,544	1,660	1,686	1,503
Terneplates		75	73	71	114	103	83	100
Galvanized sheets			706	835	1,134	1,045	703	772
Galvanized formed products			50	64	80	65	44	40
Wire nails (thousands of kegs [7])	10,855	12,705	14,583	16,450	15,454	9,561	8,927	6,197
Cut nails (thousands of kegs [7])	1,358	1,005	775	845	736	460	349	349
Wrought pipe or tubes [8]			1,920	3,003	3,031	2,247	723	862
Boiler tubes [8]			97	119	63	31	13	14
Seamless pipes or tubes			140	292	568	1,194	480	733
Cast-iron pipe and fittings			1,085	792	1,719	1,282	433	581
Forgings made by rolling mills		320	524	540	388	476	89	259

[1] Less than 500 tons. [2] Rolled on sheet or jobbing mills. [3] Small structural forms not included. [4] Merchant bars include certain miscellaneous bars which were included in prior years in "All other rolled products." [5] Of 100 pounds. [6] Excluding electric welding.

Source of tables 696 and 697: American Iron and Steel Institute.

No. 698.—PRODUCTION, EXPORTS, AND IMPORTS OF FINISHED ROLLED IRON AND STEEL

NOTE.—In long tons (2,240 pounds). Imports are imports for consumption beginning with 1933; general imports in earlier years. Blank spaces indicate that figures are not available

Yearly average or year (calendar year)	Total production, finished rolled products	Rails			Plates and sheets			Merchant bar production [1]
		Production	Exports	Imports	Production	Exports	Imports	
1876–1880		911,095	4,441	59,851				
1881–1885		1,273,688	3,986	116,972				
1886–1890	[2] 5,278,214	1,710,278	7,275	49,775	[3] 684,914		8,013	
1891–1895	5,472,849	1,264,677	13,650	1,047	755,818	1,510	23,894	
1896–1900	8,162,560	1,881,905	232,518	2,399	1,463,879	30,995	4,771	
1901–1905	13,670,907	2,895,138	225,746	43,207	2,694,625	39,505	6,167	[3] 3,503,601
1906–1910	18,509,490	3,238,486	303,234	3,963	4,054,102	158,591	4,096	3,479,910
1911–1915	22,250,075	2,760,557	378,792	23,740	5,382,221	416,404	2,875	3,770,316
1913	24,791,243	3,502,780	460,553	10,408	5,751,037	463,426	2,893	4,277,279
1914	18,370,196	1,945,095	174,080	22,571	4,719,246	280,095	4,310	2,812,102
1915	24,392,924	2,204,203	391,379	78,525	6,077,694	419,604	1,420	4,484,650
1916	32,380,389	2,854,518	540,828	26,299	7,453,980	515,558	1,730	6,691,702
1917	33,067,700	2,944,161	512,669	9,263	8,267,616	851,529	1,748	6,681,141
1918	31,155,754	2,540,892	453,537	8,705	8,799,136	854,136	1,517	6,587,389
1919	25,101,544	2,203,843	652,443	17,008	7,372,814	1,042,697	1,095	4,810,645
1920	32,347,863	2,604,116	594,628	45,684	9,337,680	1,273,558	1,792	6,702,085
1921	14,774,006	2,178,818	321,822	22,048	4,260,574	607,370	1,976	1,792,982
1922	26,452,004	2,171,776	277,090	26,629	7,968,397	439,417	[4] 1,947	4,554,474
1923	33,277,076	2,904,516	267,409	29,706	9,497,717	386,405	[4] 4,572	6,233,603
1924	28,086,435	2,433,332	208,496	43,358	8,087,883	360,540	[4] 6,006	4,937,043
1925	33,380,960	2,785,257	151,690	36,872	9,807,659	386,912	[4] 4,480	6,478,902
1926	35,495,892	3,217,649	187,557	55,212	10,529,056	517,611	[4] 15,616	6,289,665
1927	32,879,031	2,806,486	177,593	15,455	9,627,734	468,511	[4] 19,760	5,686,260
1928	37,662,916	2,647,493	190,925	14,019	11,006,050	522,657	[4] 30,800	7,229,723
1929	41,069,416	2,722,138	146,060	6,236	12,436,312	540,896	[4] 28,461	7,423,496
1930	29,513,007	1,873,233	95,179	8,307	9,067,356	346,853	[4] 28,486	4,982,124
1931	19,175,894	1,157,751	33,108	5,007	6,039,581	192,830	[4] 16,907	3,083,996
1932	10,451,085	402,566	11,320	5,662	3,443,308	79,031	[4] 22,252	1,699,501
1933	15,735,086	416,296	41,481	6,403	6,210,650	108,841	[4] 9,503	2,655,049
1934	18,969,506	1,010,224	69,159	3,073	6,375,815	202,265	[4] 4,646	3,289,431

Yearly average or year (calendar year)	Skelp production	Wire rods			Structural shapes			All other finished rolled production
		Production	Exports	Imports	Production	Exports	Imports	
1891–1895		633,248		34,804	[5] 429,872			2,475,209
1896–1900		909,819	[6] 16,182	18,087	689,419	[6] 48,877		3,217,538
1901–1905	[3] 1,435,995	1,590,280	16,345	18,390	1,203,791	55,651	[7] 12,886	1,263,390
1906–1910	1,668,674	2,056,732	13,403	15,400	1,936,951	121,086	11,107	2,074,634
1911–1915	2,242,270	2,619,287	75,225	11,784	[8] 2,446,391	265,891	6,352	3,020,034
1913	2,501,964	2,464,807	61,637	16,098	3,004,972	403,264	11,669	3,288,404
1914	1,982,431	2,431,714	61,856	6,954	2,031,124	182,395	10,145	2,448,484
1915	2,299,464	3,095,907	165,014	5,317	2,437,003	232,139	1,494	3,794,003
1916	2,927,674	3,518,746	158,284	4,130	3,029,964	300,594	1,473	5,903,805
1917	2,674,231	3,137,138	181,941	1,060	3,110,000	294,150	6,216	6,253,413
1918	2,504,011	2,562,390	148,523	7,677	2,849,969	232,729	3,504	5,251,988
1919	2,555,778	2,538,476	118,010	342	2,914,036	360,787	1,154	3,005,952
1920	3,220,289	3,136,907	116,775	5,488	3,306,748	493,633	1,685	4,039,438
1921	1,930,575	1,564,330	18,953	917	1,272,624	297,022	777	1,774,103
1922	2,872,215	2,654,741	40,424	1,735	2,718,768	167,585	7,823	3,511,633
1923	3,734,336	3,075,892	40,868	3,948	3,405,197	199,021	10,674	4,425,755
1924	3,170,543	2,522,545	18,762	6,851	3,283,708	167,910	43,245	3,651,381
1925	3,229,768	2,844,656	21,207	7,988	3,604,130	169,252	77,291	4,636,588
1926	3,764,550	2,722,032	19,646	10,075	3,911,663	233,059	121,100	5,061,277
1927	3,418,852	2,770,271	16,127	17,988	3,742,445	215,226	161,849	4,826,983
1928	3,368,973	3,080,816	38,623	19,208	4,096,143	296,885	163,762	6,233,718
1929	3,517,238	3,134,409	42,250	15,653	4,778,020	398,837	148,223	7,057,803
1930	2,682,046	2,348,600	39,779	8,843	3,512,473	243,840	120,333	5,047,135
1931	1,499,280	1,844,620	32,125	7,114	2,062,858	121,725	72,329	3,487,808
1932	607,699	1,186,181	14,818	7,934	937,228	32,561	36,547	2,174,705
1933	994,515	2,024,095	16,877	13,339	1,109,457	32,033	29,296	3,319,024
1934	1,120,217	1,723,765	23,732	10,657	1,425,040	53,574	25,023	4,025,014

[1] Includes concrete reinforcing bars.
[2] Average for years 1887–1890.
[3] 1905 only; data not available for earlier years.
[4] Includes skelp.
[5] Average for years 1892–1895.
[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: American Iron and Steel Institute (exports and imports compiled from Government statistics).

No. 699.—PRODUCTS OF STEEL WORKS AND ROLLING MILLS, AND OF THE WIRE, TIN-PLATE, AND CAST-IRON PIPE INDUSTRIES

NOTE.—The overlapping of the industries shown in this table results in considerable duplication in tonnages shown. The products chiefly used further in manufacture are wire rods, plates, and sheets, black plates for tinning, and skelp. The figures under "Wire," "Tin and terneplate," and "Cast-iron pipe and fittings" include data for products of these departments of steel works and rolling mills and of all other industries producing these commodities. For more detailed statistics, see Census reports for these industries

Industry and product	Quantity in thousands of unit specified				Value in thousands of dollars		
	Unit	1929	1931	1933	1929	1931	1933
STEEL WORKS AND ROLLING MILLS							
All products, total value					3,365,789	1,402,843	1,143,889
Unrolled steel, total	Ton [1]	56,161	25,886	23,163			
Ingots—							
For sale and interplant transfer	do	661	243	133	17,150	5,548	3,932
Produced and consumed in works	do	54,133	25,193	22,751			
Direct steel castings—							
For sale and interplant transfer [2]	do	1,212	371	222	191,398	59,557	32,296
Produced and consumed in works [2]	do	155	89	56			
Semifinished rolled products, for sale and interplant transfer, total.	do	12,779	5,633	5,470	421,328	161,673	137,957
Blooms, billets, and slabs, except for forging.	do	7,361	3,107	3,025	244,792	91,110	79,499
Rolled blooms and billets for forging	do	270	69	64	10,327	2,494	2,008
Sheet and tin-plate bars	do	5,062	2,439	2,369	162,316	67,290	56,026
Muck and scrap bar	do	87	17	12	3,893	778	423
Finished rolled products and forgings, total. [3]	do	39,883	18,396	16,161			
Produced and consumed in works	do	9,532	5,199	4,994			
For sale and interplant transfer	do	30,350	13,198	11,166	1,604,833	614,899	495,544
Rails	do	2,666	1,130	393	113,925	48,197	15,157
Rail joints, fastenings, tie plates, etc.	do	872	379	198	47,761	19,096	9,316
Structural shapes (not fabricated)	do	4,470	1,985	992	188,898	71,668	35,216
Concrete reenforcing bars	do	972	617	357	42,417	23,081	12,309
Merchant bars, mill shafting, etc.—							
Steel	do	6,228	2,231	2,275	358,601	111,637	107,840
Iron	do	187	53	45	13,284	3,696	3,348
Bolt and nut rods, spike and chain rods, etc.	do	121	20	34	5,633	843	1,361
Wire rods	do	1,155	650	736	49,042	23,420	26,179
Plates No. 12 and thicker	do	5,218	1,986	1,406	228,236	75,853	53,508
Sheets No. 13 and thinner	do	4,041	2,021	2,686	306,936	125,920	136,919
Skelp	do	1,271	619	468	50,121	21,320	15,206
Hot-rolled strips for cold rolling	do	479	402	455	21,347	18,052	18,041
Other strips and cotton ties	do	1,566	705	742	75,626	31,785	29,917
Axles	do	150	27	55	12,039	2,239	2,788
Armor plate and ordnance	do	10	17	8	3,287	6,184	2,080
Car and locomotive wheels	do	209	84	69	19,352	7,689	6,486
All other rolled and forged products [4]	do	732	270	249	68,278	24,219	19,872
Scrap iron and steel, for sale and interplant transfer.	do	2,830	1,409	1,031	42,101	16,645	10,255
Cinder and scale	do	1,194	620	709	2,731	1,308	1,269
All other (including value added to rolled products by further manufacture).	do				1,086,248	543,213	462,636
WIRE AND WIRE PRODUCTS (ALL METALS)							
All industries, total value					919,988	403,407	298,418
Iron and steel wire:							
Plain wire, total [5]	Ton [6]	3,097	1,866	1,962			
For sale and interplant transfer	do	1,204	603	667	88,456	40,402	43,586
Produced and consumed in works	do	1,891	1,262	1,295			
Galvanized wire: For sale and interplant transfer.	do	269	172	168	19,656	10,963	9,936
Other coated wire: For sale and interplant transfer.	do	52	43	34	8,143	5,164	4,184
Cold-rolled from drawn wire: For sale and interplant transfer.	do	29	14	15	4,256	2,361	2,882
Copper wire:							
For sale and interplant transfer	Lb.	544,740	187,921	99,135	118,628	22,884	10,305
Produced and consumed in works	do	407,996	242,390	159,379			
Drawn on contract or custom basis from rods or bars furnished by others.	do	151,761	25,572	9,673			

For footnotes, see p. 686.

No. 699.—Products of Steel Works and Rolling Mills, and of the Wire, Tin-Plate, and Cast-Iron Pipe Industries—Continued

Industry and product	Unit	Quantity in thousands of unit specified			Value in thousands of dollars		
		1929	1931	1933	1929	1931	1933
WIRE AND WIRE PRODUCTS (ALL METALS)—continued							
Brass and bronze wire:							
For sale and interplant transfer	Lb	86,805	48,031	55,015	20,332	7,904	7,527
Produced and consumed in works	do	5,581	5,066	4,997			
Other metal wire:							
For sale and interplant transfer	do	48,487	26,750	15,630	23,590	10,214	6,760
Produced and consumed in works	do	21	31	47			
Fabricated wire products for sale:							
Iron and steel—							
Nails, brads, and spikes [7]	Keg [8]	13,601	8,177	9,101	44,935	22,532	24,312
Tacks [7]	Lb	6,540	2,620	(9)	640	218	374
Staples	do	58,879	44,863	(9)	2,342	1,385	1,757
Barbed wire	Ton [6]	222	102	182	13,824	8,280	8,608
Rope or cable, except insulated	do	153	57	40	40,877	18,412	13,615
Strand, galvanized	do	49	35	20	5,618	3,284	2,008
Poultry netting	do	47	32	29	7,536	4,165	3,725
Woven wire fence, except poultry netting.	do	366	242	203	31,041	17,897	13,907
Fly screening	Lb	64,728	31,719	46,856	9,942	4,623	6,264
Other wire cloth	do		24,949	22,522	6,555	4,177	2,734
Concrete reenforcement wire	Ton [6]		140	(9)	11,786	8,177	3,665
Other woven wire	do	130	28	28		5,522	4,837
Automobile skid chains					11,491	6,987	3,337
Bale ties	Lb	148,474	109,349	124,090	5,088	3,593	3,680
Wire springs					47,903	26,686	24,104
Welding wire	Lb		22,795	23,328	42,872	1,427	1,581
Other fabricated iron and steel wire products.						25,936	19,524
Nonferrous wire products—							
Fly screening—							
Copper	Lb	4,993	2,697	9,788	1,768	780	2,388
Other metals	do	10,211	7,132		3,336	2,381	
Fourdrinier and cylinder wire cloth.	do	3,108	1,899	1,985	4,795	3,082	3,189
Other wire cloth—							
Copper	do	1,168	386	(9)	588	151	1,227
Other metals	do	1,450	1,239	(9)	683	1,084	
Copper strand, except insulated	do	92,395	59,051	24,771	18,617	7,383	2,486
Other fabricated nonferrous wire products, except insulated wire.					6,125	5,670	2,350
Fabricated wire products not distributed above.						397	2,255
Insulated wire and cable					312,592	120,197	61,226
TIN PLATE AND TERNEPLATE							
All products, total value					213,084	142,698	151,601
Tin plate	Lb	4,031,856	3,108,668	3,764,702	194,107	135,375	142,434
Terneplate	do	345,592	159,357	198,254	15,508	5,609	6,336
All other products					3,409	1,713	2,830
CAST-IRON PIPE AND FITTINGS							
All industries, total value					85,890	51,111	22,633
Quantity reported	Ton [6]	1,736	1,191	520	78,296	45,238	20,065
Quantity not reported					7,594	5,873	2,569

[1] Of 2,240 pounds.
[2] In addition steel castings were produced for sale by establishments classified in other industries as follows: For 1929, 33,550 tons valued at $6,635,760; 1931, 13,916 tons valued at $2,578,080; 1933, 14,495 tons valued at $2,508,632. Steel castings were also reported by the "Foundry and machine-shop products, not elsewhere classified," industry as made and consumed in the same works as follows: For 1929, 53,980 tons; 1931, 13,210 tons; 1933, 16,271 tons. Steel castings are produced and consumed in further manufacture to some extent in other industries, but no data for such production are collected.
[3] Does not include tonnage of rolled billets and blanks for seamless tubes, nor tonnage, for sale, of rolled blooms and billets for forging.
[4] Includes "nail and tack plate" not shown separately to avoid disclosing data for individual operations.
[5] All iron and steel wire, including that subsequently galvanized, otherwise coated, and cold rolled.
[6] Of 2,000 pounds.
[7] Not including value of nails and tacks made from nail and tack plate.
[8] Of 100 pounds.
[9] No comparable data.

Source: Bureau of the Census, Department of Commerce.

No. 700.—PRODUCTION OF STEEL INGOTS AND CASTINGS, BY GRADES

NOTE.—*In long tons (2,240 pounds).* Blank spaces indicate that figures are not available

Year	Total	Bessemer	Open hearth			Crucible	Electric	Miscellaneous
			Total	Basic	Acid			
1890	4,277,071	3,688,871	513,232			71,175		3,793
1900	10,188,329	6,684,770	3,398,135	2,545,091	853,044	100,562		4,862
1910	26,094,910	9,412,772	16,504,509	15,292,329	1,212,180	122,303	52,141	3,194
1915	32,151,036	8,287,213	23,679,102	22,308,725	1,370,377	113,782	69,412	1,527
1920	42,132,934	8,883,087	32,671,895	31,375,723	1,296,172	72,265	502,152	3,535
1925	45,393,524	6,723,962	38,034,488	37,087,342	947,146	19,562	615,512	
1930	40,609,483	5,035,459	35,049,172	34,268,316	780,856	2,253	612,599	
1931	25,945,501	3,023,446	22,509,566	22,130,398	379,168	1,547	410,942	
1932	13,681,162	1,532,076	11,907,350	11,742,682	164,648	645	241,111	
1933	23,232,347	2,423,791	20,381,672	20,057,146	324,526	681	421,203	
1934 [1]	26,055,289	2,162,357	23,531,105	23,256,417	274,688	531	361,296	

[1] Figures include only that portion of steel for castings which was produced in foundries producing steel ingots.

No. 701.—BLAST FURNACES AND STEEL MILLS: CENSUS STATISTICS

NOTE.—The scope of the industry "Steel works and rolling mills" is indicated by table 699

Year	Number of establishments	Wage earners (average number)	Wages	Value of products [1]	Value added by manufacture [2]	Primary horsepower
			Thousands of dollars			
1889	719	171,181	89,273	478,088	151,415	784,358
1899	668	222,490	120,820	803,968	281,509	1,597,816
1909	654	278,505	187,807	1,377,152	399,013	3,274,285
1919	695	416,748	711,407	3,623,369	1,321,507	5,309,574
1921	628	254,213	354,357	1,901,431	535,256	[3]
1923	658	424,913	696,761	4,161,938	1,289,910	5,999,941
1925	595	399,914	660,297	3,711,354	1,281,976	6,143,927
1927	602	389,270	645,534	3,488,744	1,219,534	6,781,058
1929	591	419,534	730,974	4,137,214	1,622,537	7,532,530
1931	526	278,206	357,045	1,714,214	623,199	[3]
1933	466	288,945	270,367	1,357,574	481,529	[3]
Blast furnaces:						
1931 [4]	80	13,572	19,259	311,371	52,240	[3]
1933 [4]	72	12,098	11,564	213,685	29,729	[3]
Steel works and rolling mills:						
1931	446	264,634	338,386	1,402,843	570,959	[3]
1933	394	276,847	258,803	1,143,889	451,800	[3]

[1] Includes much duplication.
[2] Value of products less cost of materials.
[3] No data.
[4] Includes data for 4 establishments in 1931 and 5 in 1933 engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

No. 702.—AGGREGATE DOMESTIC EXPORTS OF HEAVY IRON AND STEEL

NOTE.—Prior to 1922, the small items for which quantity is not available are excluded, while in later years all items are included. Ferromanganese is included for all years. The small item "steam and hot water heating boilers and radiators," formerly classified as heavy iron and steel, is excluded beginning 1922

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

Year	Quantity	Value	Year	Quantity	Value	Year	Quantity	Value
1890	52		1911	2,188	86,509	1923	2,010	167,247
1895	89		1912	2,948	112,535	1924	1,806	150,494
1900	1,154	42,518	1913	2,746	108,875	1925	1,763	144,262
1902	372	15,889	1914	1,550	63,400	1926	2,167	174,145
1903	327	14,533	1915	3,533	140,993	1927	2,183	160,609
1904	1,168	35,248	1916	6,101	353,971	1928	2,865	179,881
1905	1,010	33,813	1917	6,439	567,041	1929	3,038	200,203
1906	1,326	52,215	1918	5,375	558,279	1930	1,983	139,039
1907	1,302	60,046	1919	4,400	410,164	1931	969	63,226
1908	964	43,397	1920	4,935	458,376	1932	595	28,857
1909	1,244	50,777	1921	2,213	214,830	1933	1,341	45,534
1910	1,538	63,436	1922	1,995	130,334	1934	2,813	88,691

Sources: Table 700, American Iron and Steel Institute; table 701, Bureau of the Census, Department of Commerce; table 702, Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 703.—EXPORTS OF HEAVY IRON AND STEEL PRODUCTS

NOTE.—This and tables 702 and 704 exclude the highly elaborated manufactures of iron and steel

Articles	Quantity in long tons (2,240 pounds)				Value in thousands of dollars			
	1931	1932	1933	1934	1931	1932	1933	1934
Total	968,645	594,581	1,341,183	2,812,847	63,226	28,857	45,534	88,691
Pig iron, not including ferro-alloys	6,719	2,324	2,750	4,096	151	54	64	97
Ferromanganese and spiegeleisen	1,306	33	44	222	39	2	3	13
Scrap	136,125	227,522	773,406	1,835,170	1,957	1,859	6,874	19,188
Ingots, blooms, billets, sheet bars, and skelp	64,461	27,114	26,419	76,953	2,701	974	930	2,676
Iron and steel bars	43,528	15,987	22,926	43,966	2,426	870	1,187	2,210
Alloy steel bars	2,968	1,621	1,797	2,911	499	251	267	525
Wire rods	32,125	14,813	16,877	23,734	1,297	583	608	815
Galvanized sheets	51,523	26,923	53,856	68,538	4,294	1,982	3,682	4,630
Plates, iron and steel	42,472	10,293	13,754	25,792	1,911	524	632	1,612
Black steel sheets	91,788	38,277	37,078	90,999	6,918	2,844	2,465	6,025
Black iron sheets	5,526	2,462	2,751	4,325	447	176	190	317
Hoop, band, and strip steel	28,229	17,778	20,252	29,307	1,834	1,127	1,228	1,933
Tin plate, terneplate, etc	84,433	39,603	95,238	184,651	7,841	3,273	7,660	15,873
Structural shapes, plain material	88,710	14,885	14,089	31,392	3,437	590	535	1,322
Structural materials, fabricated	32,135	17,277	18,335	23,673	2,769	1,029	1,206	1,704
Tanks, complete and knocked down	12,432	3,053	3,078	7,852	1,132	267	305	590
Metal lath	2,410	1,471	1,007	1,110	350	183	135	159
Steel rails	33,108	11,320	41,481	69,159	1,289	428	1,227	2,121
Rail fastenings, switches, frogs, etc	8,093	3,742	13,536	16,929	877	299	930	1,246
Boiler tubes	7,071	3,681	3,916	8,245	886	567	483	1,085
Casing and oil-line pipe	21,975	17,275	39,208	57,112	2,469	1,792	3,431	5,666
Seamless black pipe, except casing and oil line		597	1,407	2,670		95	195	323
Black and galvanized welded pipe	60,437	30,858	35,733	46,159	5,178	2,463	2,495	3,652
Riveted pipe and fittings		161	142	501		33	24	84
Cast-iron pipe and fittings	21,184	8,410	11,614	17,703	1,661	591	802	1,436
Malleable-iron screwed pipe fittings	4,509	1,677	2,500	2,980	1,401	485	666	955
Barbed-wire and woven-wire fencing	24,105	17,742	29,948	37,449	1,331	896	1,598	2,102
Plain and galvanized wire	14,163	8,391	21,919	36,520	1,044	597	1,208	2,214
Woven-wire screen cloth	866	635	722	995	298	199	215	286
Wire rope	2,499	1,575	2,212	2,682	666	410	508	716
Insulated wire and cable	208	84	25	71	108	28	7	24
Wire, other, and manufactures thereof	4,640	2,080	2,848	4,700	997	527	651	996
Wire nails	8,838	7,552	10,251	13,201	485	370	509	748
Nails other than wire, including tacks	3,816	3,378	3,964	4,037	608	456	476	617
Horseshoes	152	100	144	174	21	14	23	20
Bolts, nuts, rivets, and washers [1]	4,861	2,714	3,681	5,147	1,049	625	809	1,340
Car wheels and axles	6,317	2,884	3,966	7,208	430	210	239	449
Iron castings	4,326	3,397	4,205	6,974	689	374	422	667
Steel castings	3,104	1,173	956	2,449	743	290	209	575
Forgings	7,393	3,689	3,148	4,221	997	521	424	584

[1] Except track.

No. 704.—IRON AND STEEL: EXPORTS BY DESTINATIONS

NOTE.—All figures in long tons (2,240 pounds). Products covered are those listed in table 703

Country	1932	1933	1934	Country	1932	1933	1934
Belgium	1,872	3,523	24,939	Argentina	17,892	45,512	42,061
France	3,703	6,424	2,744	Brazil	10,090	53,588	85,102
Germany	703	15,469	11,964	Chile	1,655	10,384	24,880
Italy	8,093	118,731	231,059	Colombia	10,863	24,420	36,786
Netherlands	1,188	10,544	14,200	Peru	3,284	3,941	15,132
Norway	2,964	4,194	6,577	Uruguay	2,164	4,949	9,371
Poland and Danzig	4,426	30,022	123,800	Venezuela	8,505	18,636	41,575
Rumania	797	1,297	14,798	India and Ceylon	3,254	5,822	10,060
U. S. S. R. (Russia) in Europe	275	2,408	14,961	British Malaya	390	2,377	4,710
United Kingdom	4,700	9,148	141,877	China	20,885	36,885	82,401
Canada	163,900	139,507	254,565	Netherland India	4,291	9,968	12,375
Central America	20,641	24,625	34,811	Hong Kong	5,647	7,991	9,872
Mexico	18,237	31,498	101,689	Japan	191,193	693,207	1,249,248
British West Indies and Bermudas	1,127	2,039	5,091	Kwantung	1,208	4,451	9,845
Cuba	10,531	15,621	31,597	Palestine and Syria	3,566	3,535	4,361
Dominican Republic	1,497	4,198	5,011	Philippine Islands	46,768	58,353	60,029
Netherland West Indies	3,102	5,188	8,403	Australia	1,300	1,431	6,738
				British South Africa	2,349	10,232	15,833
				All other	11,526	21,050	64,382

Source of tables 703 and 704: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 705.—IRON AND STEEL: AVERAGE ANNUAL PRICES

[Prices of pig iron, rails, and billets in dollars per long ton (2,240 pounds); other prices in dollars per 100 pounds]

Year	Pig iron				Bessemer rails at mills in Pennsylvania [2]	Bessemer steel billets, Pittsburgh	Soft-steel bars, Pittsburgh	Iron bars (best refined), Pittsburgh [3]	Tank plates, Pittsburgh	Beams, Pittsburgh	Composite finished steel [4]
	Bessemer, The Valleys	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	[5] 1.46	1.50	1.61	[5] 1.63	-------
1901–1905	-------	-------	15.80	17.50	27.87	25.76	1.47	1.77	1.60	1.63	-------
1905	-------	15.25	15.57	17.05	28.00	24.03	1.48	1.87	1.68	1.62	1.76
1906	-------	18.10	18.37	20.43	28.00	27.45	1.51	1.93	1.61	1.70	1.77
1907	-------	20.87	23.10	24.50	28.00	29.25	1.60	1.94	1.70	1.70	1.92
1908	-------	15.16	15.54	17.57	28.00	26.31	1.49	1.60	1.64	1.64	1.86
1909	-------	15.48	16.12	17.49	28.00	24.62	1.33	1.62	1.42	1.42	1.63
1910	-------	14.76	15.16	17.09	28.00	25.38	1.44	1.65	1.47	1.45	1.66
1911	-------	13.07	13.67	14.83	28.00	21.46	1.26	1.41	1.31	1.32	1.54
1912	-------	13.92	14.93	15.32	28.00	22.38	1.29	1.44	1.33	1.32	1.53
1913	-------	14.71	14.90	15.85	28.00	25.79	1.55	1.69	1.50	1.50	1.66
1914	-------	12.87	13.41	13.60	28.00	20.09	1.15	1.32	1.14	1.15	1.43
1915	-------	13.74	13.57	14.01	28.00	22.44	1.31	1.48	1.31	1.30	1.53
1916	-------	19.76	18.67	20.26	32.00	43.95	2.67	2.13	3.53	2.55	2.67
1917	-------	38.90	38.95	41.31	38.00	70.96	3.64	3.83	5.88	3.67	4.19
1918	-------	32.50	36.56	33.25	55.00	47.33	2.89	4.31	3.24	2.99	3.54
1919	-------	27.67	32.17	29.11	47.29	40.54	2.49	4.10	2.72	2.53	3.12
1920	42.82	42.25	44.52	42.52	52.42	56.14	3.22	4.75	3.28	2.95	3.84
1921	23.34	21.73	26.68	22.93	44.06	34.40	1.87	4.47	1.93	1.93	2.54
1922	25.63	24.20	23.95	24.85	40.75	33.95	1.72	3.35	1.72	1.71	2.24
1923	27.20	25.80	27.85	28.16	43.00	41.70	2.36	3.50	2.43	2.43	2.78
1924	21.53	20.24	23.92	22.11	43.00	37.99	2.20	4.00	2.12	2.19	2.60
1925	20.57	19.58	23.85	22.09	43.00	35.45	2.02	4.52	1.92	1.99	2.44
1926	19.57	18.55	24.71	21.04	43.00	35.00	2.00	4.62	1.88	1.95	2.41
1927	18.66	17.69	21.16	19.68	43.00	33.27	1.83	4.68	1.82	1.83	2.29
1928	17.46	16.67	19.70	18.54	43.00	32.67	1.87	4.64	1.87	1.87	2.25
1929	18.78	18.19	18.49	20.00	43.00	34.66	1.92	4.13	1.93	[6] 1.92	2.30
1930	18.51	17.97	16.19	18.47	43.00	31.84	1.71	4.11	1.69	[6] 1.69	2.11
1931	16.94	15.85	14.52	17.35	43.00	29.36	1.62	3.69	1.62	[6] 1.62	2.02
1932	15.23	13.99	13.84	15.87	42.44	26.52	1.58	3.35	1.58	[6] 1.58	1.96
1933	16.41	15.24	16.31	16.47	39.36	26.00	1.64	3.35	1.61	[6] 1.63	1.94
1934	18.69	17.85	19.90	18.19	36.38	27.10	1.81	3.50	1.78	[6] 1.78	2.10

[1] At furnace after 1907.
[2] Bessemer or open-hearth rails from Oct. 22, 1921.
[3] Muck iron prior to 1892.
[4] Includes hot-rolled strip beginning 1920.
[5] Average for years 1898–1900.
[6] Structural shapes from Mar. 19, 1929.

No. 706.—ALUMINUM AND BAUXITE: PRODUCTION, EXPORTS, AND IMPORTS

	1913	1920	1925	1930	1932	1933	1934
BAUXITE							
Quantities, long tons (2,240 pounds):							
Production	210,241	521,308	316,540	330,612	96,349	154,176	157,838
Georgia, Alabama, and Tennessee	40,370	40,029	20,220	15,339	6,570	11,997	12,074
Arkansas	169,871	481,279	296,320	315,273	89,779	142,179	145,764
Imports for consumption	21,456	42,895	353,096	409,678	205,620	149,548	166,653
Exports	(1)	22,257	78,633	104,504	25,474	21,760	51,415
Value of production [2] (1,000 dollars)	998	3,247	1,988	1,928	548	923	1,129
ALUMINUM							
Value, 1,000 dollars:							
Production—							
Primary metal	9,450	41,375	36,430	50,961	20,453	16,174	14,094
Secondary metal	2,199	9,489	24,816	17,177	10,992	15,343	17,632
Imports for consumption, total	4,784	13,077	10,107	5,286	1,822	3,212	4,038
Crude and semicrude	4,388	12,184	9,806	4,690	1,339	2,746	3,625
Manufactures	396	893	301	596	483	466	413
Exports, total	966	5,631	6,057	7,122	1,452	1,329	2,381
Crude and semicrude	-------	3,068	3,366	3,916	469	600	1,251
Manufactures	-------	2,563	2,691	3,206	984	729	1,130
Quantities, 1,000 pounds:							
Imports (crude and semicrude)	25,095	39,299	41,997	25,461	8,185	15,247	18,592
Exports (crude and semicrude)	(1)	9,408	12,642	17,330	4,437	5,708	8,366

[1] Unavailable.
[2] F. o. b mines.

Sources: Table 705, Iron Age and American Iron and Steel Institute; table 706, Bureau of Mines, Department of the Interior.

No. 707.—COPPER: Production, Exports, Imports, and Consumption

Note.—All quantities except ore produced in millions and tenths of millions of pounds. Production figures include continental United States and Alaska. Owing to the varying stages of production, the stocks in different classes of hands, the redistribution of copper previously purchased, the recovery and use of old copper, etc., calculations of consumption are somewhat uncertain. The American Bureau of Metal Statistics presents consumption estimates rather widely different from those given below. Consumption as shown represents the quantity of copper withdrawn on domestic account, but not actual domestic consumption, as no account is taken of consumers' stocks

Item	1910	1920	1925	1930	1931	1932	1933	1934
UNREFINED COPPER								
Ore produced (million short tons) [1]	28.5	36.8	53.1	47.4	34.1	12.3	8.4	[2]
Average copper yield, percent	1.88	1.63	1.54	1.43	1.50	1.83	2.11	[2]
Smelter output from domestic ore	1,080.2	1,209.1	1,674.9	1,394.4	1,042.7	544.0	460.0	488.5
Mine production	1,088.2	1,224.6	1,678.1	1,410.1	1,057.7	476.2	381.3	478.6
Imports, unrefined:								
Ore (copper content)	64.2	52.0	107.6	101.3	23.6	14.0	12.5	12.6
Concentrates (copper content)	21.0	46.8	54.0	56.9	99.4	44.2	37.8	46.5
Matte and regulus (copper content)		17.6	1.7	4.7	1.5	1.7	2.4	3.7
Black, in bars, pigs, etc	[3] 259.2	244.7	379.3	560.5	281.9	161.7	223.6	308.5
REFINED COPPER PRODUCTION								
Total new and old copper	1,611.0	2,151.0	3,045.0	3,091.0	2,195.0	1,177.0	1,418.0	1,646.0
New copper (primary)	1,422.0	1,526.2	2,204.6	2,157.1	1,501.4	680.9	741.6	890.7
Domestic	1,071.9	1,182.4	1,682.9	1,391.2	1,074.6	445.1	481.3	466.1
Foreign	350.1	343.7	521.7	765.8	426.8	235.8	260.2	424.7
Electrolytic	1,128.3	1,351.7	2,050.6	1,993.6	1,373.4	[4] 608.7	[4] 681.4	838.5
Lake	221.5	153.5	138.0	143.0	105.2	[4] 53.8	[4] 59.5	51.7
Casting and best select [5]	72.3	21.0	15.9	20.5	22.8	18.3	.7	.5
Old copper rerefined (secondary)	189.0	624.9	840.4	934.4	694.0	496.4	676.2	754.8
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	1,422.0	1,526.2	2,204.6	2,157.1	1,501.4	680.9	741.6	890.7
Refined copper imported	[3]	108.7	99.8	86.2	174.4	167.8	10.9	54.8
Refined copper exported [6]	708.3	553.1	1,022.3	669.3	404.2	250.1	264.7	544.3
Stocks, Dec. 31 (refined)	122.8	959.0	124.0	615.0	924.6	1,004.0	813.0	569.0
Withdrawn on domestic account:								
New refined copper	732.4	1,053.8	1,401.0	1,265.0	902.1	519.2	678.7	608.9
New and old copper	921.0	1,679.0	2,241.0	2,199.0	1,596.0	1,016.0	1,355.0	1,364.0

[1] 2,000 pounds.
[2] Not available.
[3] Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.
[4] Some copper from Michigan was electrolytically refined and is included with electrolytic.
[5] Includes pig for years 1915 and 1920.
[6] Includes small exports of unrefined black blister and converter copper (bars, pigs, etc.) prior to 1925.

No. 708.—COPPER: Smelter Production by State of Origin of Ore Smelted

[Quantities in thousands of pounds]

State of origin	1910	1920	1925	1930	1931	1932	1933	1934
Total	1,080,160	1,209,061	1,674,870	1,394,389	1,042,711	544,010	449,999	488,454
Alaska	4,311	66,094	72,204	36,380	23,233	13,297	1,750	130
Arizona	297,251	552,989	722,653	570,897	400,311	201,136	122,697	168,408
California	45,760	11,822	46,944	26,262	8,345	5,514	632	233
Colorado	9,307	4,283	3,163	12,944	9,029	8,976	8,882	13,047
Idaho	6,878	1,922	3,144	2,714	1,627	663	2,183	1,718
Michigan	221,463	153,484	138,030	142,986	105,222	63,899	72,341	51,682
Missouri		533	12	2			182	46
Montana	283,079	177,744	270,605	198,796	173,910	97,918	94,263	67,005
Nevada	64,495	55,580	77,138	87,475	71,233	32,616	42,507	41,923
New Mexico	3,785	52,160	76,467	74,188	66,776	32,915	24,948	26,994
Oregon	22	2,529	126	230	9	37	9	41
Pennsylvania	741	618	562	3,061	844	[1]	[1]	[1]
Tennessee	16,692	16,728	19,789	[1]	[1]	[1]	[1]	[1]
Utah	125,185	110,358	242,731	205,770	161,023	76,403	65,656	96,223
Washington	65	2,126	1,185	1,405	71	3	87	33
Undistributed	1,127	92	117	31,280	21,078	10,633	14,035	20,969

[1] Included under "Undistributed."

Source of tables 707 and 708: Bureau of Mines, Department of the Interior.

No. 709.—COPPER: SMELTER AND REFINERY OUTPUT

NOTE.—Smelter output as here given represents the production of unrefined copper from domestic (including Alaskan) ores. Some copper ore is imported and smelted in this country, but this appears only in the figures of refined copper from imported material in *table 707*

[Quantities in millions of pounds; values in thousands of dollars]

Period	Smelter output from domestic ore		Year	Smelter output from domestic ore		Refinery output (quantity)			
						New copper			Secondary copper
	Quantity	Value		Quantity	Value	Total[1]	Domestic	Foreign[1]	
1850	1½	320	1912	1,243	205,139	1,568	1,243	325	273
1860	16	3,709	1913	1,224	189,795	1,615	1,237	378	276
1870	28	6,997	1914	1,150	152,968	1,534	1,150	384	252
			1915	1,388	242,902	1,634	1,388	247	395
1871–1875	34	8,895							
1876–1880	50	9,679	1916	1,928	474,288	2,259	1,928	331	700
1881–1885	118	17,236	1917	1,886	514,911	2,428	1,886	542	767
1886–1890	226	30,345	1918	1,909	471,408	2,432	1,883	549	705
1891–1895	339	37,286	1919	1,286	239,274	1,805	1,433	372	574
			1920	1,209	222,467	1,526	1,182	344	625
1896–1900	531	74,424							
1901–1905	732	103,359	1921	506	65,221	951	609	341	435
1906–1910	980	150,924	1922	950	128,289	1,256	905	351	672
1911–1915	1,221	185,592	1923	1,435	210,945	1,980	1,464	516	822
1916–1920	1,644	395,270	1924	1,634	214,087	2,260	1,674	586	777
1921–1925	1,240	171,275	1925	1,675	237,832	2,205	1,683	522	840
1926–1930	1,729	262,172	1926	1,740	243,547	2,322	1,731	591	960
			1927	1,684	220,609	2,326	1,719	607	980
1905	889	138,650	1928	1,826	262,930	2,488	1,792	696	1,073
1906	918	177,136	1929	2,003	352,504	2,740	1,983	757	1,253
			1930	1,394	181,271	2,157	1,391	766	934
1907	869	173,799							
1908	643	124,410	1931	1,042	94,887	1,501	1,075	427	894
1909	1,093	142,084	1932	544	34,273	681	445	236	498
1910	1,080	137,180	1933	450	28,800	742	481	260	676
1911	1,097	137,154	1934	488	39,076	891	466	425	755

[1] Includes refined copper imported to 1919, inclusive.

Source: Bureau of Mines, Department of the Interior.

No. 710.—EXPORTS AND IMPORTS OF COPPER

NOTE.—Exports are those classed as "domestic" in the foreign trade statistics but include copper smelted or refined in the 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 1894–1903 was estimated

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

Yearly average or year	Exports		Imports		Year	Exports		Imports	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1891–1895[1]	65,586	14,392	5,477	896	1925	540,376	161,166	326,486	84,270
1896–1900[1]	137,084	36,745	24,634	5,866	1926	482,843	141,204	389,721	99,742
1901–1905[1]	190,451	54,942	83,237	22,611	1927	538,365	150,214	359,161	84,963
1906–1910[1]	289,445	92,334	130,111	38,026	1928	562,510	169,831	393,537	98,187
1911–1915[1]	416,840	123,655	176,635	46,129	1929	499,237	183,405	487,156	153,710
1916–1920[2]	376,877	208,909	244,948	103,805	1930	376,647	105,342	408,577	104,616
1921–1925	438,337	129,761	298,975	77,811	1931	278,987	54,748	292,946	48,745
1926–1930	491,290	149,999	407,630	108,244	1932	164,111	21,236	195,996	23,735
1923	412,375	129,220	338,236	95,988	1933	174,627	24,917	[3] 126,639	[3] 14,834
1924	556,106	156,646	384,408	96,184	1934	312,743	49,765	[3] 199,538	[3] 27,786

[1] Fiscal years ended June 30.
[2] Average for period July 1, 1915, to Dec. 31, 1920.
[3] Imports for consumption; general imports prior to 1933.

Source: Bureau of Foreign and Domestic Commerce.

No. 711.—REFINED PRIMARY LEAD AND SECONDARY LEAD

NOTE.—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 antimonial lead, shown in next to the last column. This table represents exclusively refined lead, while in table 712 part of the lead from domestic ore is unrefined

Year	Production	Value	Year	Production	Value	Year	Production	Value
1830	8,000	608	1901	371,032	30,909	1918	640,195	90,908
1840	17,000	1,666	1902	367,892	30,167	1919	482,220	51,115
1850	22,000	2,112	1903	368,939	30,991	1920	520,657	84,745
1860	16,600	1,778	1904	393,452	33,837	1921	448,589	40,373
1870	17,830	2,247	1905	388,307	36,501	1922	532,662	58,593
1880	95,725	9,573	1906	404,746	46,141	1923	618,322	86,565
1885	126,192	10,095	1907	413,389	43,819	1924	690,493	110,479
1890	157,844	14,206	1908	396,564	33,311	1925	766,969	133,453
1892	208,223	17,074	1909	446,909	38,434	1926	798,941	127,831
1893	224,320	16,600	1910	470,272	14,384	1927	796,530	100,363
1894	213,650	14,101	1911	486,979	43,828	1928	781,071	90,604
1895	235,822	16,993	1912	480,894	43,280	1929	774,633	97,604
1896	257,487	15,449	1913	462,460	40,696	1930	643,033	64,303
1897	282,169	20,316	1914	542,122	42,286	1931	442,764	32,765
1898	302,148	22,963	1915	550,055	51,705	1932	288,361	17,302
1899	298,047	26,824	1916	571,134	78,817	1933	273,579	20,245
1900	367,773	32,364	1917	610,769	105,052	1934	311,236	23,031

Year	Class		Source			Average value per pound	Antimonial lead, at primary refineries	Secondary lead recovered, total
	Desilverized [1]	Soft	Domestic ores and bullion [2]	Foreign ores	Foreign base bullion			
1880	68,035	27,690	95,725			$0.050	(3)	
1890	126,493	31,351	139,720	18,124		.045	(3)	
1895	195,932	39,890	159,649	76,173		.032	(3)	
1900	319,752	48,021	260,918	106,855		.044	(3)	
1905	302,852	85,455	307,514	80,793		.047	(3)	
1910	328,954	141,318	375,402	18,065	76,805	.044	(3)	55,422
1915	388,594	161,461	507,026	9,581	33,448	.047	(3)	78,000
1920	339,803	189,854	476,849	8,414	44,394	.080	(3)	124,550
1925	506,409	260,560	654,921	47,024	65,024	.087	(3)	226,880
1930	441,072	201,361	573,740	34,348	34,945	.050	24,797	255,800
1931	304,375	138,389	390,260	22,254	30,250	.037	21,842	234,760
1932	225,231	63,130	256,337	21,747	11,277	.030	21,024	198,300
1933	188,001	85,578	259,616	7,677	6,286	.037	17,805	224,600
1934	209,212	102,024	209,841	10,241	1,154	.037	16,607	208,400

[1] Desilverized soft lead is included. [2] Excludes antimonial lead. [3] Not available.

No. 712.—SOURCES OF PRIMARY LEAD SMELTED OR REFINED IN THE UNITED STATES

[Production in short tons (2,000 pounds). See headnote to table 711]

Source of ore	1910	1920	1925	1930	1931	1932	1933	1934
Total	494,081	547,155	798,499	649,306	446,108	290,065	281,804	320,722
From domestic ore	389,211	494,347	686,451	580,013	393,599	257,041	267,841	309,327
Arizona	948	5,987	10,281	4,223	2,085	1,134	1,718	3,507
Colorado	*38,542*	*17,752*	*31,855*	*25,091*	*6,311*	*2,288*	*2,169*	*3,568*
Idaho	109,951	117,191	123,363	135,411	100,970	62,606	74,210	73,798
Kansas	1,308	8,421	15,001	[1] 13,103	[1] 6,601	[1] 5,667	[1] 5,089	[1] 8,140
Missouri	161,659	171,999	208,547	201,056	151,359	79,483	85,564	105,570
Montana	1,943	13,231	22,008	15,412	4,766	1,572	5,944	7,253
Nevada	2,246	8,650	10,978	14,091	8,348	390	2,318	11,393
New Mexico	1,890	1,123	3,782	11,250	11,045	10,606	10,727	10,375
Oklahoma	1,805	68,494	78,487	[1] 23,398	[1] 12,312	[1] 9,285	[1] 15,076	[1] 20,031
Utah	60,605	64,006	166,844	122,311	75,207	70,111	60,049	60,223
Undistributed	6,077	13,127	13,764	13,672	13,878	7,507	3,944	4,473
Zinc residues	2,237	4,366	1,541	995	717	392	1,033	986
From foreign ore [2]	18,065	8,414	47,024	34,348	22,254	21,747	7,677	10,241
Canada	25	1,186	10,676	14,369	3,816	3,797	3,472	2,514
Europe		19	470	41	43	4,491	2,600	45
Mexico	11,704	2,729	31,107	14,949	6,420	334	257	1,011
South America	2,996	2,747	4,496	3,476	2,299	2,631	1,348	4,028
From foreign base bullion [2]	76,805	44,394	65,024	34,945	30,250	11,277	6,286	1,154
Mexico	*76,805*	*42,421*	*65,024*	*18,592*	30,072	11,164	6,021	703
Peru				16,353	178	113	265	451

[1] Separation as between Kansas and Oklahoma is made on the basis of mine figures.
[2] Totals include small unspecified items.

Source of tables 711 and 712: Bureau of Mines, Department of the Interior.

No. 713.—SUPPLY AND DISTRIBUTION OF REFINED PRIMARY LEAD

NOTE.—All data in short tons (2,000 pounds). Apparent deliveries are only approximate, as no account (except for bonded warehouses prior to 1932) is taken of changes in stocks

	1910	1920	1925	1929	1930	1932	1933	1934
Supply, total	473,836	565,610	779,035	780,430	644,570	288,406	273,642	311,519
Stock in bonded warehouses Jan. 1	79	234	5,045	4,139	1,328	(1)	(1)	(1)
Imports of pigs, bars, and old	3,485	35,719	7,021	1,658	209	44	63	283
Production from domestic and foreign ore	470,272	529,657	766,969	774,633	643,033	288,361	273,579	311,236
Deductions, total	78,661	27,590	123,380	87,665	61,796	30,736	29,343	13,378
Exports—								
Pig lead	69,786	20,093	103,519	73,251	48,307	23,516	22,835	5,906
In manufactures with benefit of drawback	8,800	6,175	11,699	13,086	12,161	7,220	6,508	7,472
Stock in bonded warehouses Dec. 31	75	1,322	8,162	1,328	(1)	(1)	(1)	(1)
Apparent deliveries to domestic consumers	395,175	538,020	655,655	692,765	582,774	257,669	244,299	298,141

[1] Stocks of pigs, bars, etc. in bonded warehouse not separately reported after April 1930; included with base bullion. For purpose of calculating apparent deliveries in 1930, stocks in warehouse are estimated to have remained unchanged from beginning of the year.

Source: Bureau of Mines, Department of the Interior.

No. 714.—MANUFACTURES OF NONFERROUS METALS AND ALLOYS,[1] 1933

NOTE.—This table shows the production of the commodities specified, whether made as primary or as secondary products by the industries reporting them. The census designations of the industries in which these commodities are made as primary products are as follows: "Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified;" and "Smelting and refining, nonferrous metals other than gold, silver, and platinum, not from the ore"

[Quantities in thousands of pounds; values in thousands of dollars]

Kind	1933		Kind	1933	
	Quantity	Value		Quantity	Value
Ingots and pigs:			Other tubing, including brazed	2,052	520
Copper (secondary)	58,554	4,180	Castings, rough:		
Lead (secondary)	238,190	9,913	Brass and bronze:		
Zinc (secondary)	46,674	2,037	Quantity reported	73,087	11,917
Brass and bronze	117,282	8,018	Quantity not reported	----------	4,658
Antifriction bearing metal	25,028	4,324	Copper	2,734	664
Solders, of all kinds	53,480	11,241	Nickel-alloy [2]	6,027	2,838
Type metal	44,856	2,762	Finished products:		
Plates and sheets:			Castings, finished	----------	3,530
Brass and bronze	235,118	28,754	Bearings and bushings (including antifriction linings)	----------	9,533
Copper	138,574	17,237	Die castings	----------	7,962
Lead	24,568	1,537	Extruded shapes	----------	1,438
Nickel alloys	21,282	5,710	Forgings and hot-pressed parts	----------	1,781
Rods and bars:			Bells	----------	161
Brass and bronze	137,642	14,279			
Copper	160,940	12,588			
Nickel alloys	5,120	2,228			
Tubing (seamless) and pipe:					
Brass and bronze	77,460	10,760			
Copper	59,150	9,055			
Lead	26,970	1,953			
Nickel alloys	1,584	600			

[1] This table does not include data for establishments engaged in smelting and refining concentrates containing copper, lead, zinc, and other nonferrous metals.
[2] Includes nonferrous heat-corrosion-resistant alloy castings.

Source: Bureau of the Census, Department of Commerce.

No. 715.—ZINC: PRODUCTION, EXPORTS, STOCKS, AND APPARENT CONSUMPTION

NOTE.—The excess of mine production over smelter production is due chiefly to export of ore

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars]

	1910	1920	1925	1930	1931	1932	1933	1934 [1]
Mine production (recoverable zinc content of ore)	327,613	587,524	710,347	595,425	410,318	285,231	384,280	438,501
Colorado	38,545	24,395	30,811	36,259	16,187	109	1,285	772
Idaho	2,802	13,966	15,619	37,649	19,569	10,252	20,968	25,000
Kansas	13,229	61,073	118,778	74,304	39,051	26,277	40,947	38,261
Missouri	128,589	24,509	14,794	10,811	3,205	986	5,042	7,059
Montana	15,819	92,169	57,658	26,421	6,747	2,107	20,724	30,500
Nevada	1,354	5,349	7,411	14,584	10,431	127	6,387	13,750
New Jersey	68,584	78,511	80,261	97,626	94,285	81,460	75,125	76,553
New Mexico	9,044	5,007	9,246	32,765	27,866	25,593	30,924	26,522
New York		5,654	5,158	22,471	24,100	16,794	17,733	23,188
Oklahoma	6,394	219,727	283,371	136,153	78,132	63,437	91,065	107,772
Tennessee	966	10,217	16,256	[2] 48,147	[2] 38,312	[2] 18,514	[2] 32,770	[2] 47,712
Utah	8,184	4,079	26,306	44,495	37,291	29,666	29,745	28,198
Wisconsin	25,927	27,285	20,230	12,558	10,088	7,522	7,800	9,807
Other States	8,181	6,583	15,948	1,182	5,054	2,207	3,765	3,407
Smelter production	310,407	508,227	634,376	547,345	326,798	227,148	355,282	392,890
Primary zinc	260,184	463,377	572,946	498,045	291,996	207,148	307,182	363,590
From domestic ore	252,479	450,045	555,631	489,361	291,996	207,148	306,010	355,366
From foreign ore	16,705	13,332	17,315	8,684			1,172	8,224
Secondary zinc	41,223	42,850	61,430	49,300	34,800	20,000	48,100	29,300
Redistilled	12,784	21,371	30,181	[3] 34,849	[3] 21,625	14,718	30,087	19,601
Remelted	28,439	21,479	22,249	14,451	13,175	5,282	18,013	9,699
Value of primary product from domestic ore ($1,000)	27,268	72,907	84,456	46,979	22,192	12,429	25,705	30,561
Primary zinc consumed:								
Supply, total	282,350	508,347	593,724	584,295	459,586	351,089	437,310	475,857
Stock at smelters, Jan. 1	11,206	36,793	20,754	85,904	167,293	143,592	128,192	110,487
Produced	269,184	463,377	572,946	498,045	291,996	207,148	307,182	363,590
Imported	1,960	8,177	24	346	297	349	1,936	1,780
Deductions:								
Exports, total	13,234	114,267	80,547	8,533	3,402	9,617	5,034	8,567
Stock, Dec. 31	23,232	71,037	13,080	167,293	143,592	128,192	110,487	124,783
Apparent deliveries to domestic consumers	245,884	323,043	500,097	408,469	312,592	213,280	321,789	340,529

[1] Preliminary.
[2] Includes Virginia.
[3] Includes small quantity of secondary electrolytic zinc.

Source: Bureau of Mines, Department of the Interior.

No. 716.—SMELTER PRODUCTION OF PRIMARY ZINC FROM DOMESTIC ORE

[Quantities in short tons (2,000 pounds); values [1] in thousands of dollars]

Yearly average or year	Quantity	Value	Yearly average or year	Quantity	Value	Year	Quantity	Value
1875	15,833	[2] 2,217	1921–1925	426,261	56,149	1925	555,631	84,456
1880 [3]	23,239	2,277	1926–1930	576,395	73,119	1926	611,991	91,799
1885	40,688	3,540	1917	584,597	119,253	1927	576,960	73,851
1886–1890	54,285	5,219	1918	492,405	89,618	1928	591,525	72,166
1891–1895	82,396	6,787	1919	452,272	66,032	1929	612,136	80,802
1896–1900	109,963	10,180	1920	450,045	72,907	1930	489,361	46,979
1901–1905	169,504	17,067	1921	198,232	19,823	1931	291,996	22,192
1906–1910	219,378	24,165	1922	353,274	40,273	1932	207,148	12,429
1911–1915	346,867	52,416	1923	508,335	69,134	1933	306,010	25,705
1916–1920	508,731	99,812	1924	515,831	67,058	1934	355,366	30,561

[1] Values at New York prices, up to and including 1907; at St. Louis prices, 1908 to 1914; at average price allgrades, 1915 and later years.
[2] Computed at yearly average of high and low monthly prices at New York.
[3] Census year ended May 31.

Source: Bureau of Mines, Department of the Interior.

No. 717.—GOLD AND SILVER: PRODUCTION FROM MINES IN CONTINENTAL UNITED STATES, ALASKA, PUERTO RICO, AND PHILIPPINE ISLANDS

NOTE.—The value of gold, in terms of money, being at a fixed rate, is not shown in the table. Gold is valued at $20.67+ per fine troy ounce from 1837 through 1933. In 1933, however, varying higher prices prevailed subsequent to the Executive order of Aug. 29 (for 1933 data regarding value of gold production, see note 6, table 693). On Jan. 31, 1934, the legal value of gold was fixed at $35 per fine ounce. The value of silver given is commercial value (Pittman Act value for 1921 to June 1923), which at times has differed materially from coinage value

[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	1903	3,560	54,300	29,322
1848–1850	4,838	116	152	1904	3,892	57,683	33,456
1851–1855	14,271	194	269	1905	4,266	56,102	34,222
1856–1860	12,384	309	418	1906	4,565	56,518	38,256
1861–1865	10,716	28,811	38,674	1907	4,375	56,515	37,300
1866–1870	12,226	49,113	65,261	1908	4,574	52,441	28,051
1871–1875	8,826	121,083	156,270	1909	4,822	54,722	28,455
1876–1880	10,301	157,681	182,506	1910	4,657	57,138	30,866
1881–1885	7,730	182,841	202,807	1911	4,687	60,399	32,616
1886–1890	8,078	231,819	227,495	1912	4,521	63,767	39,198
1891–1895	9,107	287,057	227,960	1913	4,300	66,802	40,348
1896–1900	15,729	279,544	172,689	1914	4,573	72,455	40,068
1901–1905	19,304	278,798	159,543	1915	4,888	74,961	37,397
1906–1910	22,093	277,333	162,916	1916	4,479	74,415	48,953
1911–1915	22,908	338,384	189,626	1917	4,051	71,740	59,078
1916–1920	17,246	326,009	298,852				
1921–1925	12,229	314,190	259,162	1918	3,321	67,810	66,485
1926–1930	11,259	203,692	159,829	1919	2,919	56,682	63,534
				1920	2,476	55,362	60,802
1888	1,604	45,793	43,045	1921	2,422	53,052	[1] 53,052
1889	1,595	50,095	46,838	1922	2,368	56,240	[1] 56,240
1890	1,589	54,516	57,242				
1891	1,605	58,330	57,630	1923	2,503	73,335	[1] 60,135
1892	1,597	63,500	55,063	1924	2,529	65,407	43,823
				1925	2,412	66,155	45,912
1893	1,739	60,000	46,800	1926	2,335	62,710	39,136
1894	1,911	49,500	31,422	1927	2,197	60,434	34,266
1895	2,255	55,727	36,446				
1896	2,568	58,835	39,655	1928	2,233	58,463	34,201
1897	2,775	53,800	32,316	1929	2,208	61,328	32,688
				1930	2,286	50,748	19,538
1898	3,118	54,438	32,118	1931	2,396	30,932	8,970
1899	3,437	54,765	32,859	1932	2,449	23,981	6,763
1900	3,830	57,647	35,741				
1901	3,806	55,214	33,128	1933	2,556	23,003	8,051
1902	3,870	55,500	29,415	1934 (preliminary)	3,075	31,384	20,274

State or Territory	Gold, 1,000 fine ounces					Silver, 1,000 fine ounces					Silver, value, 1934, 1,000 dollars
	1910	1920	1930	1933	1934	1910	1920	1930	1933	1934	
Total	4,657	2,476	2,286	2,556	3,075	57,138	55,362	50,748	23,003	31,384	20,274
Alaska	787	413	407	457	541	154	822	392	155	160	103
Arizona	165	240	149	72	145	2,656	5,432	4,910	2,145	4,067	2,627
California	989	716	450	595	710	1,792	1,655	1,434	354	800	517
Colorado	993	363	218	265	322	8,523	5,167	4,852	2,163	3,309	2,138
Idaho	50	23	21	56	89	7,027	7,365	9,710	6,627	7,537	4,869
Michigan	----	----	----	[2]	[2]	262	512	11	125	1	[2]
Montana	180	92	47	61	96	12,283	13,263	8,597	3,564	3,354	2,167
Nevada	913	175	140	101	142	12,366	7,482	4,179	1,031	2,699	1,744
New Mexico	23	22	32	27	27	779	700	1,160	1,163	1,121	724
Oregon	33	50	14	20	33	44	102	10	18	58	37
South Dakota	260	210	405	520	482	121	88	105	130	106	68
Texas	[2]	[2]	[2]	[2]	[2]	364	523	469	[2]	738	477
Utah	209	103	209	93	138	10,446	11,755	14,451	5,298	7,091	4,581
Washington	39	7	4	5	7	205	178	30	16	36	23
Philippine Islands	7	62	185	280	333	2	22	121	181	227	146
Other	8	[2]	3	4	11	115	296	317	31	82	53

[1] For 1921, 1922, and first half of 1923 price is taken at the figure of $1 per ounce fixed by the Pittman Act.
[2] Less than $500 or 500 ounces.

Source: Reports of the Director of the Mint, Treasury Department

No. 718.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS

Yearly average or year	Gold in thousands of dollars					Silver in thousands of fine ounces				
	New material			Old material	Grand total	New material			Old material	Grand total
	United States coin [1]	Bullion and foreign coin	Total			United States coin [1]	Bullion and foreign coin	Total		
1880	3,300	5,511	8,811	1,294	10,105	464	2,126	2,590	204	2,794
1881–1885	3,715	6,991	10,706	1,863	12,568	155	3,685	3,840	315	4,155
1886–1890	3,500	8,512	12,012	4,029	16,041	155	4,831	4,986	676	5,662
1891–1895	3,500	7,948	11,448	5,060	16,508	108	6,938	7,046	951	7,997
1896–1900	3,500	9,399	12,899	4,067	16,965	77	8,937	9,014	1,200	10,214
1901–1905	3,500	18,218	21,718	6,778	28,496	77	16,447	16,524	3,002	19,526
1906–1910	3,500	26,941	30,441	7,708	38,149	77	20,807	20,884	3,009	24,553
1911–1915	2,500	28,121	30,621	9,967	40,588	77	23,438	23,516	6,928	30,444
1916–1920	1,000	38,831	39,831	22,033	61,864	77	22,011	22,089	9,126	31,214
1921–1925	1,000	29,321	30,321	29,275	59,596	77	28,538	28,616	8,189	36,805
1926–1930	1,000	23,747	24,747	30,450	55,197	77	28,059	28,137	10,325	38,461
1926	1,000	29,927	30,927	32,063	62,991	77	29,330	29,408	10,001	39,408
1927	1,000	25,450	26,450	30,369	56,820	77	28,416	28,493	10,155	38,649
1928	1,000	25,306	26,306	30,276	56,582	77	24,854	24,931	10,616	35,548
1929	1,000	23,873	24,873	32,031	56,904	77	30,900	30,978	11,382	42,359
1930	1,000	14,178	15,178	27,512	42,689	77	26,797	26,874	9,469	36,343
1931	1,000	4,931	5,931	23,227	29,158	77	24,258	24,336	9,346	33,682
1932	1,000	[2] 7,400	[2] 8,400	26,595	20,105	77	14,384	14,461	9,797	24,258
1933	100	[2] 5,893	[2] 5,793	22,800	17,013	77	10,733	10,811	18,533	29,343

[1] Estimated. [2] Excess of return from industry over amount used by industry.

No. 719.—SILVER: PRICE AND VALUE OF SILVER IN THE DOLLAR

NOTE.—The London price is converted to the basis of the ounce 1.000 fine and converted to American money at par of exchange through 1933; thereafter, at the current rate of exchange. London quotations are in depreciated currency after Sept. 21, 1931, also in some prior year periods, including 1918 to 1924. New York quotations are in depreciated currency after early March 1933. The commercial ratio is computed on the basis of London quotations through 1914; thereafter, on the basis of the New York average price. In 1934 the monetary value of gold was $35.00 per fine ounce as compared with $20.67 in previous years. The value of fine silver (371¼ grains) in the dollar is computed on the basis of London quotations through 1917; thereafter, on the basis of the New York average price

[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	Value of silver in dollar	Calendar year	London, per fine ounce	New York, per fine ounce			Commercial ratio to gold	Value of silver in dollar
		Average	High	Low					Average	High	Low		
1835	1.308				15.80		1907	0.662	0.660	0.710	0.528	31.24	0.512
1840	1.323				15.62	1.023	1908	.635	.635	.589	.483	38.64	.414
1845	1.298				15.92	1.004	1909	.520	.522	.545	.508	39.74	.402
1850	1.316				15.70	1.018	1910	.541	.542	.576	.508	38.22	.418
1855	1.344				15.38	1.039	1911	.539	.540	.575	.521	38.33	.417
1860	1.352				15.29	1.045	1912	.615	.620	.656	.553	33.62	.475
1865	1.338				15.44	1.035	1913	.605	.612	.651	.580	34.19	.468
1870	1.328				15.57	1.027	1914	.553	.563	.609	.490	37.37	.428
1875	1.242	1.239	1.261	1.210	16.64	.961	1915	.519	.511	.580	.478	40.48	.401
1880	1.145	1.139	1.160	1.113	18.05	.886	1916	.680	.672	.791	.573	30.78	.531
1885	1.065	1.064	1.095	1.028	19.41	.824	1917	.895	.840	1.165	.731	24.61	.692
1890	1.046	1.053	1.205	.958	19.75	.809	1918	1.042	.984	1.019	.889	21.00	.761
1891	.988	.990	1.075	.948	20.92	.764	1919	1.250	1.121	1.383	1.014	18.44	.867
1892	.871	.876	.953	.830	23.72	.674	1920	1.346	1.019	1.379	.604	20.28	.788
1893	.780	.782	.850	.650	26.49	.604	1921	.805	.631	.738	.532	32.76	.488
1894	.635	.640	.709	.595	32.56	.491	1922	.754	.679	.742	.629	30.43	.525
1895	.654	.663	.690	.600	31.60	.506	1923	.700	.652	.690	.620	31.69	.505
1896	.676	.682	.703	.656	30.59	.523	1924	.745	.671	.724	.630	30.80	.519
1897	.604	.608	.661	.528	34.20	.467	1925	.703	.694	.732	.668	29.78	.537
1898	.590	.591	.623	.551	35.03	.456	1926	.629	.624	.689	.518	33.11	.483
1899	.602	.605	.648	.586	34.36	.465	1927	.571	.567	.603	.542	36.47	.438
1900	.620	.621	.658	.598	33.33	.480	1928	.586	.585	.639	.568	35.34	.452
1901	.596	.597	.645	.548	34.68	.461	1929	.536	.533	.578	.468	38.78	.412
1902	.528	.528	.569	.474	39.15	.408	1930	.387	.385	.472	.311	53.74	.298
1903	.543	.542	.624	.475	38.10	.420	1931	.320	.290	.376	.261	71.25	.224
1904	.579	.578	.625	.534	35.70	.448	1932	.391	.282	.313	.246	73.29	.218
1905	.610	.610	.665	.556	33.87	.472	1933	.398	.350	.453	.248	59.06	.271
1906	.677	.674	.724	.631	30.54	.524	1934	.481	.483	.561	.421	72.49	.373

Source of tables 718 and 719: Annual Reports of the Director of the Mint, Treasury Department.

No. 720.—COKE: Production, Exports, and Imports

Yearly average or year	Production in thousands of short tons (2,000 pounds)			By-product ovens, per cent of total	Production (value) in thousands of dollars	Exports	Imports[1]
	Total	Beehive ovens	By-product ovens			Thousand 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
1917	55,607	33,168	22,439	40.4	298,243	1,409	25
1918	56,478	30,481	25,998	46.0	382,324	1,688	30
1919	44,181	19,043	25,138	56.9	258,340	717	16
1920	51,345	20,511	30,834	60.0	475,981	920	41
1921	25,288	5,538	19,750	78.1	147,673	307	31
1922	37,124	8,573	28,551	76.9	238,313	512	94
1923	56,978	19,380	37,598	66.0	373,497	1,237	85
1924	44,270	10,286	33,984	76.8	244,042	660	83
1925	51,267	11,355	39,912	77.9	262,559	954	202
1926	56,866	12,489	44,377	78.0	307,773	987	285
1927	51,092	7,207	43,885	85.9	262,321	807	169
1928	52,806	4,493	48,313	91.5	252,834	1,098	148
1929	50,884	6,472	53,412	89.2	278,995	1,238	120
1930	47,972	2,776	45,196	94.2	209,137	1,004	133
1931	33,484	1,128	32,356	96.6	161,609	754	100
1932	21,789	652	21,137	97.0	104,337	630	117
1933	27,589	911	26,678	96.7	122,951	638	161
1934	31,822	1,029	30,793	96.8	159,426	943	161

[1] Imports entered for consumption.

No. 721.—COKE: By-Product and Beehive Production, by States

[Figures in thousands of short tons (2,000 pounds)]

	1915	1920	1925	1929	1930	1931	1932	1933	1934
BY-PRODUCT									
Total	14,073	30,834	39,912	53,412	45,196	32,356	21,137	26,678	30,793
Alabama	2,070	3,124	4,582	4,754	3,987	2,943	1,401	1,669	2,109
Colorado		517	490	565	379	226	92	140	171
Illinois	1,687	2,137	3,012	4,204	3,576	2,479	1,428	1,501	1,650
Indiana	2,768	4,554	5,142	6,455	4,984	2,767	1,435	2,089	2,613
Maryland	313	682	1,019	1,393	1,169	818	500	702	785
Massachusetts	504	488	535	777	863	1,150	987	1,020	1,128
Michigan	(1)	1,393	1,751	2,680	2,604	2,437	2,165	2,341	2,548
Minnesota	128	675	518	746	641	440	386	412	417
New Jersey	269	726	904	898	919	931	805	835	910
New York	684	1,040	2,220	4,299	3,850	3,578	3,130	3,427	4,090
Ohio	666	5,615	7,105	8,521	6,163	3,933	2,347	3,677	4,296
Pennsylvania	3,092	7,730	9,853	14,489	12,529	7,525	4,038	6,170	6,834
West Virginia	141	447	1,056	1,431	1,479	1,265	903	1,074	1,344
All other States	1,749	1,706	1,725	2,199	2,051	1,873	1,520	1,621	1,897
BEEHIVE									
Total	27,508	20,511	11,355	6,472	2,776	1,128	652	911	1,029
Pennsylvania	22,531	15,908	9,574	5,368	2,011	856	506	670	721
Ohio	19	87	156						
West Virginia	1,250	1,381	490	497	422	114	49	113	172
Alabama	1,001	890	88						
Kentucky	285	273	(1)						
Tennessee	234	163	128	96	25	17	11	12	6
Virginia	630	1,028	422	315	220	99	58	70	78
Colorado	671	273	155	156	79	(1)	24	35	38
Utah	(1)	(1)	146	14	7	(1)	6	10	13
All other States	887	509	196	26	12	43	1	(2)	2

[1] Included under "all other States." [2] Less than 500 tons.

Source of tables 720 and 721: Bureau of Mines, Department of the Interior.

No. 722.—COAL PRODUCTION: QUANTITY AND VALUE

NOTE.—Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. 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 brown coal and small amounts of anthracite outside of Pennsylvania. Comparatively little coal is held in stock at the mines

Year or yearly average	Quantity			Year	Quantity			Value	
	Total	Anthracite	Bituminous		Total	Anthracite	Bituminous	Anthracite	Bituminous
1821–1830	140	66	75	1912	534,467	84,362	450,105	177,623	517,983
1831–1840	1,032	722	310	1913	569,960	91,525	478,435	195,181	565,235
1841–1850	4,535	2,697	1,837	1914	513,526	90,822	422,704	188,181	493,309
1851–1860	12,513	7,645	4,868	1915	531,619	88,995	442,624	184,653	502,038
1861–1865	20,538	11,142	9,396	1916	590,098	87,578	502,520	202,010	665,116
1866–1870	31,706	16,281	15,425	1917	651,402	99,612	551,791	283,651	1,249,273
1871–1875	52,179	23,407	28,773	1918	678,212	98,826	579,386	336,480	1,491,810
1876–1880	62,261	25,800	36,461	1919 [1]	553,952	88,092	465,860	364,927	1,160,616
1881–1885	107,291	36,198	71,093	1920	658,265	89,598	568,667	434,252	2,129,933
1886–1890	138,398	43,952	94,446	1921 [1]	506,395	90,473	415,922	452,305	1,199,984
1891–1895	178,822	53,405	125,416	1922	476,951	54,683	422,268	273,700	1,274,820
1896–1900	227,123	55,625	171,498	1923	657,904	93,339	564,565	506,787	1,514,621
1901–1905	339,357	66,854	272,503	1924 [1]	571,613	87,927	483,687	477,231	1,062,626
1906–1910	454,555	81,142	373,413	1925 [1]	581,870	61,817	520,053	327,665	1,060,402
1911–1915	520,180	89,233	439,955	1926 [1]	657,804	84,437	573,367	474,164	1,183,417
1916–1920	626,386	92,741	533,645	1927 [1]	597,859	80,096	517,763	420,942	1,029,652
1921–1925	558,947	77,648	481,299	1928 [1]	576,093	75,348	500,745	393,638	933,774
1926–1930 [1]	595,497	76,619	518,878	1929 [1]	608,817	73,828	534,989	385,643	952,781
1907	480,363	85,604	394,759	1930 [1]	536,911	69,385	467,526	354,574	795,483
1908	415,843	83,269	332,574	1931 [1]	441,735	59,646	382,089	296,355	588,895
1909	460,815	81,070	379,744	1932 [1]	359,565	49,855	309,710	222,375	406,677
1910	501,596	84,485	417,111	1933 [1]	383,172	49,541	333,631	206,718	445,788
1911	496,371	90,464	405,907	1934 [1 2]	415,780	57,385	358,395	243,312	652,279

State	1911–1915	1916–1920	1921–1925	1926–1930 [1]	1930 [1]	1931 [1]	1932 [1]	1933 [1]	1934 [1 2]
Total quantity	520,180	626,386	558,947	595,497	536,911	441,735	359,565	383,172	415,780
Anthracite (Pa.)	89,233	92,741	77,648	76,619	69,385	59,646	49,855	49,541	57,385
Bituminous	439,956	533,645	481,299	518,878	467,526	382,089	309,710	333,631	358,395
Alabama	15,864	17,834	18,097	18,380	15,570	11,999	7,856	8,760	9,596
Arkansas	1,986	1,980	1,261	1,579	1,533	1,154	1,033	883	[3]
Colorado	9,433	11,595	10,049	9,665	8,197	6,604	5,599	5,230	5,168
Illinois	58,320	78,255	68,523	57,310	53,731	44,303	33,475	37,413	40,905
Indiana	16,060	25,515	21,677	18,467	16,490	14,295	13,324	13,761	14,820
Iowa	7,442	7,671	4,952	3,879	3,893	3,388	3,862	3,195	3,345
Kansas	6,811	6,556	3,827	3,215	2,430	1,987	1,953	2,218	[4]
Kentucky	18,380	30,108	43,743	61,116	51,209	39,964	35,300	36,100	38,068
Maryland	4,549	4,158	2,033	2,700	2,271	2,008	1,429	1,531	1,660
Michigan	1,271	1,301	976	705	661	359	446	407	631
Missouri	4,048	5,086	3,011	3,538	3,853	3,621	4,070	3,432	[4] 5,800
Montana	2,972	4,008	2,881	3,139	3,022	2,378	2,125	2,152	2,600
New Mexico	3,618	3,728	2,772	2,612	1,969	1,553	1,263	1,226	1,250
North Dakota	506	787	1,221	1,622	1,700	1,519	1,740	1,782	1,770
Ohio	28,553	40,609	31,590	21,111	22,552	20,411	13,909	19,589	20,842
Oklahoma	3,720	4,292	2,741	3,346	2,794	1,908	1,255	1,238	[3] 2,264
Pennsylvania	157,229	168,532	133,721	137,088	124,463	97,659	74,776	79,296	89,223
Tennessee	6,288	6,208	5,078	5,544	5,130	4,721	3,538	3,775	4,056
Texas	2,201	1,980	1,084	1,107	834	716	637	822	716
Utah	2,999	4,693	4,593	4,683	4,258	3,350	2,852	2,675	2,418
Virginia	7,924	10,158	10,648	12,521	10,907	9,699	7,692	8,179	9,100
Washington	3,261	3,576	2,626	2,513	2,302	1,846	1,591	1,394	1,387
West Virginia	69,353	86,369	97,044	136,315	121,473	101,473	85,609	94,344	98,190
Wyoming	6,907	8,555	6,812	6,526	6,088	4,994	4,171	4,013	4,349
Miscellaneous	259	190	239	246	196	182	204	217	237

[1] Exclusive of product of wagon mines.
[2] Preliminary.
[3] Arkansas included with Oklahoma.
[4] Kansas included with Missouri.

Source: Bureau of Mines, Department of the Interior.

No. 723.—COAL: Exports, Imports, and Bunker Coal Laden on Vessels in Foreign Trade

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

Yearly average or year	Total exports[1]		Anthracite exports		Bituminous exports[1]		Total imports		Bunker coal	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891–1895[2]	3,028	10,012	1,128	4,929	1,900	5,081	1,237	3,984	-------	-------
1896–1900[2]	4,710	13,300	1,469	6,268	3,241	7,032	1,403	3,831	-------	-------
1901–1905[2]	7,750	24,254	1,846	8,782	5,903	15,472	2,287	6,376	-------	-------
1906–1910[3]	12,018	36,805	2,646	13,034	9,372	23,770	1,727	4,530	[4] 5,638	[4] 18,291
1911–1915	19,132	58,362	3,753	19,624	15,379	38,738	1,437	4,069	7,289	23,890
1915	20,305	61,246	3,540	18,429	16,765	42,817	1,524	4,413	7,471	25,193
1916	23,143	68,298	4,166	22,470	18,977	45,828	1,536	4,734	7,826	27,492
1917	26,649	110,413	5,364	30,910	21,285	79,503	1,304	4,842	6,883	31,845
1918	24,392	107,881	4,436	29,216	19,956	78,665	1,334	6,898	5,532	29,868
1919	22,402	120,377	4,443	36,668	17,959	83,709	977	5,473	7,343	48,206
1920	39,215	349,811	4,825	45,538	34,390	304,273	1,140	6,992	9,362	82,462
1921	24,829	168,222	4,176	45,625	20,653	122,597	1,131	7,457	7,548	52,278
1922	13,449	91,242	2,366	25,351	11,083	65,892	4,726	28,250	4,120	27,913
1923	23,700	154,124	4,545	49,577	19,155	104,547	1,949	12,249	4,547	31,470
1924	18,855	111,039	3,587	40,068	15,268	70,971	478	3,019	3,983	22,883
1925	18,429	100,163	2,838	31,761	15,591	68,403	879	5,846	4,344	23,398
1926	35,091	196,905	3,598	41,086	31,493	155,819	1,201	9,301	6,907	38,025
1927	19,051	104,257	2,969	32,928	16,082	71,329	597	3,284	4,076	22,077
1928	17,411	92,121	2,979	32,557	14,433	59,464	831	4,989	3,834	20,258
1929	18,603	98,310	3,041	32,569	15,562	65,742	877	5,486	3,827	19,575
1930	16,455	83,694	2,278	24,509	14,176	59,186	818	5,525	3,122	15,697
1931	12,415	60,457	1,588	17,062	10,827	43,395	754	5,160	1,960	9,639
1932	9,033	41,752	1,164	12,064	7,870	29,688	709	4,420	1,204	5,534
1933	8,992	37,611	924	9,040	8,069	28,572	[5] 584	[5] 3,432	1,175	5,241
1934	10,863	51,464	1,159	11,082	9,704	40,382	[5] 537	[5] 4,190	1,179	5,798

[1] Does not include fuel or bunker coal laden on vessels engaged in the foreign trade.
[2] Fiscal years ended June 30. [3] Average for period July 1, 1905, to Dec. 31, 1910.
[4] Figures do not include coal laden on vessels on the Great Lakes in 1906, 1907, and 1908.
[5] Imports for consumption; general imports prior to 1933.

No. 724.—COAL: Shipments, Average Value per Ton, and Men Employed

Calendar year	Thousand tons (2,000 pounds)				Average value per ton	Average number of men employed	Average number of days worked	Average tonnage per man—		Per cent mined by machine	Capacity of mines[1] (million tons[2])
	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	[3]	71
1895	52,093	1,315	4,591	-------	1.41	142,917	196	2.07	406	[3]	90
1900	59,710	1,208	5,550	-------	1.49	144,206	166	2.40	398	[3]	105
1905	69,053	1,571	7,036	-------	1.83	165,406	215	2.18	470	[3]	110
1910	73,623	2,021	8,841	-------	1.90	169,497	229	2.17	498	[3]	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
1931	52,636	2,901	3,986	-------	4.97	139,431	181	2.37	428	2.8	100
1932	43,862	2,810	3,150	-------	4.46	121,243	162	2.54	411	3.4	94
1933	43,335	3,250	2,956	-------	4.17	104,633	182	2.60	473	3.3	83
BITUMINOUS											
1890	87,373	7,008	1,607	15,332	.99	192,204	226	2.56	579	[4] 5.3	151
1895	106,287	8,340	2,086	18,404	.86	239,962	194	2.90	563	[5] 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	208	3.91	794	55.0	671
1920	504,873	21,289	11,806	30,608	3.75	639,547	220	4.00	881	69.8	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
1931	357,278	19,878	3,205	1,728	1.54	450,213	160	5.30	849	79.1	736
1932	285,508	20,393	2,781	1,028	1.31	406,380	146	5.22	762	78.8	653
1933	306,280	23,052	2,858	1,441	1.34	418,703	167	4.78	797	80.0	615

[1] Calculated at 303.5 working-days in the anthracite field and 308 working-days in the bituminous field.
[2] Of 2,000 pounds. [3] Not available. [4] 1891. [5] 1896.

Sources: Table 723, Bureau of Foreign and Domestic Commerce; table 724, Bureau of Mines, Department of the Interior.

No. 725.—CONSUMPTION OF BITUMINOUS COAL: BY CONSUMING CLASSES

	1889	1899	1909	1919	1929	1931	1932	1933	1934[1]
Consumption (million net tons of 2,000 lbs.), total	95.8	190.3	370.3	481.7	519.6	371.9	308.9	321.7	346.1
Colliery fuel	1.4	3.1	9.5	11.1	4.7	3.2	2.8	2.9	3.1
Locomotive fuel, all steam roads	26.5	53.4	106.0	124.7	118.6	[2]81.7	[2]66.5	[2]66.2	[2]70.5
Bunkers, vessels in foreign trade	1.9	3.8	6.8	8.2	4.3	2.2	1.4	1.3	1.3
Coke ovens, beehive and by-product	16.0	30.2	59.4	65.6	86.8	48.6	31.9	40.1	46.5
Electric public utilities [3]	------	7.6	18.7	35.1	44.9	38.7	30.3	30.6	33.6
All other uses [4]	50.0	92.2	169.9	237.0	260.3	197.4	174.1	180.7	191.1
Per cent of total consumption	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Colliery fuel	1.5	1.6	2.6	2.3	.9	.8	.9	.9	.9
Locomotive fuel, all steam roads	27.7	28.1	28.6	25.9	22.8	[2]22.0	[2]21.7	[2]20.6	[2]20.4
Bunkers, vessels in foreign trade	2.0	2.0	1.9	1.7	.8	.6	.4	.4	.4
Coke ovens, beehive and by-product	16.7	15.9	16.0	13.6	16.7	13.1	10.4	12.4	13.4
Electric public utilities	------	4.0	5.0	7.3	8.6	10.4	9.0	9.5	9.7
All other uses	52.1	48.4	45.9	49.2	50.2	53.1	56.7	56.2	55.2

[1] Preliminary data.
[2] Class I roads.
[3] Includes electric central stations and street railways and certain minor plants. Figures include a small amount of anthracite consumed. Data not available for 1889.
[4] Obtained by subtracting known items from total consumption. Includes general manufacturing, domestic, and miscellaneous uses.

Source: Bureau of Mines, Department of the Interior (data were assembled from various original sources).

No. 726.—LABOR STRIKES IN COAL MINES

Year	Men on strike	Man-days lost	Average days lost per man	Year	Men on strike	Man-days lost	Average days lost per man
1910	218,493	19,250,524	88	1922	603,031	73,497,043	122
1911	41,413	983,737	24	1923	197,214	3,888,543	20
1912	311,056	12,527,305	40	1924	129,452	5,362,748	41
1913	135,395	3,049,412	23	1925	180,369	16,433,036	88
1914	161,720	11,013,667	68	1926	174,724	6,707,778	38
1915	67,190	2,467,431	37	1927 [1]	193,322	26,675,109	138
1916	170,633	3,344,586	20	1928	86,870	4,605,086	53
1917	160,240	2,348,399	15	1929	58,052	468,453	8
1918	79,395	508,526	6	1930	41,000	1,102,758	27
1919	453,418	15,761,410	35	1931	110,565	2,127,984	19
1920	282,419	5,914,473	21	1932	97,126	7,841,991	81
1921	151,263	3,106,103	21	1933	176,451	4,413,304	25

State	1930		1931		1932		1933	
	Men on strike	Man-days lost	Men on strike	Man-days lost	Men on strike	Man-days lost	Men on strike	Man-days lost
Grand total	41,000	1,102,758	110,565	2,127,984	97,126	7,841,991	176,451	4,413,304
Anthracite (Pa.)	18,202	112,398	65,907	570,664	34,259	289,523	50,948	686,692
Total bituminous	22,798	990,360	44,658	1,557,320	62,867	7,552,468	125,503	3,726,612
Arkansas	------	------	860	21,153	1,964	103,522	1,225	8,241
Illinois	9,483	348,779	9,400	397,263	32,961	4,397,006	[2]3,187	130,197
Indiana	2,008	32,003	883	14,181	3,820	507,051	3,151	48,210
Iowa	591	3,754	824	24,500	389	7,503	4,462	186,763
Kentucky	6,436	562,067	2,920	59,240	721	30,725	5,302	69,037
Michigan	630	2,560	597	26,185	------	------	562	62,990
Missouri	50	700	679	34,671	301	48,590	463	8,040
Montana	------	------	------	------	748	28,100	------	------
Ohio	1,143	12,583	5,591	138,155	15,290	2,130,292	3,647	45,942
Oklahoma	------	------	501	19,812	970	46,903	219	1,296
Pennsylvania	924	14,689	12,783	398,932	2,021	113,696	86,832	2,896,545
Tennessee	------	------	1,133	28,767	550	35,967	375	10,125
Virginia	------	------	------	------	140	140	3,226	56,442
Washington	------	------	------	------	958	42,266	894	87,270
West Virginia	1,523	13,215	8,441	393,883	1,510	44,307	8,723	50,929
Other States	10	10	46	578	524	16,400	3,235	64,585

[1] Owing to unusual conditions, figures tend to understate extent of the strike and number of idle miners.
[2] Not including men idle through labor factional trouble due to jurisdictional claims of a rival union.

Source: Bureau of Mines, Department of the Interior.

No. 727.—COAL: Retail Prices, for Household Use, as of January 15

[Prices (in dollars) of coal per ton of 2,000 pounds unless otherwise specified]

City	Anthracite,[1] chestnut					Bituminous					
	1925	1930	1933	1934	1935	1925	1930	1932	1933	1934	1935
Atlanta, Ga.						7.32	7.80	6.46	6.12	7.02	7.02
Baltimore, Md.	[2] 15.75	13.75	12.75	13.00	11.54	7.38	[3] 7.89	[3] 7.36	[3] 6.86	[3] 7.64	[3] 7.17
Birmingham, Ala.						7.79	7.65	6.31	5.07	6.07	6.29
Boston, Mass.	16.00	15.50	13.50	13.50	13.50						
Bridgeport, Conn.	15.38	15.50	12.75	13.75	13.17						
Buffalo, N. Y.	13.56	13.32	12.21	12.64	12.65						
Butte, Mont.						11.05	11.15	9.98	9.72	9.75	9.76
Charleston, S. C.	[2] 17.10					11.00	9.67	9.50	8.67	9.92	10.00
Chicago, Ill.	16.70	16.40	15.50	13.79	13.81	8.51	[4] 8.53	[4] 7.92	[4] 7.25	[4] 8.21	[4] 8.32
Cincinnati, Ohio						7.21	[4] 6.30	[4] 5.75	[4] 5.25	[4] 6.10	[4] 6.08
Cleveland, Ohio	14.88	14.75	13.44	12.13	12.29	8.37	[4] 7.10	[4] 6.61	[4] 5.52	[4] 6.20	[4] 6.77
Columbus, Ohio						6.68	[4] 6.07	[4] 5.35	[4] 4.92	[4] 6.11	[4] 6.41
Dallas, Tex.	[5] 17.75	[5] 15.50	[5] 14.00	[5] 14.00	[5] 13.50	14.22	12.92	10.50	10.75	10.50	10.25
Denver, Colo.	[6] 16.33	[5] 14.75	[5] 14.50	[6] 15.58	[6] 15.50	9.47	10.45	8.21	7.02	8.03	7.75
Detroit, Mich.	15.38	15.50	13.17	12.45	12.19	8.93	[4] 8.39	[4] 6.38	[4] 5.80	[4] 6.86	[4] 7.17
Fall River, Mass.	15.83	16.25	14.25	14.25	14.25						
Houston, Tex.				[5] 14.50	[5] 14.50	12.38	13.60	10.80	10.50	11.60	11.75
Indianapolis, Ind.	16.50					7.15	[4] 8.01	[4] 5.71	[4] 5.05	[4] 5.99	[4] 6.17
Jacksonville, Fla.						12.00	14.00	10.00	9.00	11.13	11.13
Kansas City, Mo.	[5] 15.17	[5] 12.55	[5] 10.50	[5] 10.50	[5] 10.50	8.13	7.18	6.04	5.61	5.85	6.03
Little Rock, Ark.	[5] 15.00	[5] 13.50	[5] 10.75	[5] 10.50	[5] 10.50	11.00	9.95	9.22	8.22	8.33	8.17
Los Angeles, Calif.						16.31	16.50	16.25	16.25	17.04	16.78
Louisville, Ky.						7.37	[4] 7.01	[4] 5.23	[4] 4.64	[4] 5.46	[4] 6.15
Manchester, N. H.	17.00	17.00	14.83	15.00	15.50						
Memphis, Tenn.						8.11	7.85	6.78	5.68	7.18	7.19
Milwaukee, Wis.	16.65	15.85	14.80	13.00	13.30	9.69	[4] 7.68	[4] 7.45	[4] 6.94	[4] 7.51	[4] 7.98
Minneapolis, Minn.	17.95	17.85	17.10	15.25	15.55	10.92	[4] 10.56	[4] 9.78	[4] 9.56	[4] 9.93	[4] 10.30
Mobile, Ala.						10.02	9.63	8.88	7.32	8.44	9.01
Newark, N. J.	13.43	13.46	11.88	12.50	11.40						
New Haven, Conn.	15.20	15.17	13.90	13.90	13.65						
New Orleans, La.						11.19	10.96	9.93	8.57	10.10	10.60
New York, N. Y.	14.33	14.13	11.64	12.35	12.14						
Norfolk, Va.	15.50	14.00	13.00	14.00	13.50	9.27	[4] 7.25	[4] 7.00	[4] 6.50	[4] 8.00	[4] 8.00
Omaha, Nebr.						10.04	9.69	8.77	8.35	8.59	8.55
Peoria, Ill.						6.79	6.75	6.25	6.09	6.55	7.00
Philadelphia, Pa.	[2] 15.32	[2] 14.50	11.50	12.00	10.96						
Pittsburgh, Pa.	16.50	15.00	12.75	12.75	12.75	6.83	5.29	4.47	3.26	4.72	4.20
Portland, Me.	16.56	16.80	15.60	14.25	14.25						
Portland, Oreg.						13.64	13.46	12.07	11.52	12.71	11.55
Providence, R. I.	[7] 16.00	[7] 16.00	[7] 14.50	[7] 14.50	[7] 14.50						
Richmond, Va.	15.50	15.00	13.50	14.00	13.00	8.83	[4] 8.38	[4] 8.00	[4] 6.83	[4] 7.83	[4] 7.67
Rochester, N. Y.	14.15	14.25	13.00	12.85	12.73						
St. Louis, Mo.	16.88	16.45	15.22	13.72	13.86	6.69	6.75	5.57	5.44	5.54	5.99
St. Paul, Minn.	17.95	17.85	17.10	15.25	15.55	11.57	[4] 10.27	[4] 9.60	[4] 9.40	[4] 9.78	[4] 10.16
Salt Lake City, Utah	[6] 18.50	[6] 18.00				8.40	8.37	7.58	7.01	7.80	7.17
San Francisco, Calif.	[8] 26.50	[8] 26.00	[8] 25.00	[8] 25.63	[8] 25.63	17.28	16.98	17.00	15.00	16.06	15.21
Savannah, Ga.	[9] 17.00					[9] 11.50	[9] 10.24	[9] 8.53	[9] 8.28	[9] 10.04	[9] 10.03
Scranton, Pa.	10.62	9.92	8.68	8.60	8.44						
Seattle, Wash.						10.21	10.68	10.54	9.79	9.92	9.66
Springfield, Ill.						4.25	4.34	4.34	3.68	4.06	4.54
Washington, D. C.	[2] 15.67	[2] 15.23	[2] 14.15	[2] 14.15	[2] 14.00	[2,4] 8.88	[2,4] 8.63	[2,4] 8.46	[2,4] 8.18	[2,4] 8.64	[2,4] 9.00

[1] The term "anthracite" signifies Pennsylvania anthracite, except as indicated by notes.
[2] Per ton of 2,240 pounds.
[3] Run of mine, high volatile.
[4] Prepared sizes, high volatile.
[5] Arkansas anthracite, egg or furnace.
[6] Colorado anthracite, furnace, 1 and 2 mixed.
[7] 50 cents per ton additional is charged for binning.
[8] New Mexico anthracite, Cerillos egg.
[9] All coal sold is weighed by the city; charge of 10 cents per ton or half-ton is included in the price.

Source: Bureau of Labor Statistics, Department of Labor.

No. 728.—COAL: AVERAGE AND RELATIVE RETAIL PRICES[1] IN TON LOTS

Year	Anthracite, Chestnut				Anthracite, Stove				Bituminous			
	Average price		Relative price		Average price		Relative price		Average price		Relative price	
	Dollars				*Dollars*				*Dollars*			
1913[2]	7.91		100		7.73		100		5.43		100	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July	Jan.	July	Jan.	July
1920	12.77	14.33	161	181	12.59	14.28	163	185	8.81	10.55	162	194
1922	15.02	14.92	190	189	14.98	14.87	194	192	9.89	9.49	182	175
1923	15.46	15.05	195	190	15.43	15.10	200	196	11.18	10.04	206	185
1924	15.76	15.10	199	191	15.77	15.24	204	197	9.75	8.94	180	165
1925	15.37	14.93	194	189	15.45	15.14	200	196	9.24	8.61	170	159
1926	[3]	15.19	[3]	192	[3]	15.43	[3]	200	9.74	8.70	179	160
1927	15.42	14.81	195	187	15.66	15.15	203	196	9.96	8.91	183	164
1928	15.08	14.63	191	185	15.44	14.91	200	193	9.30	8.69	171	160
1929	15.06	14.63	190	185	15.38	14.94	199	193	9.09	8.62	167	159
1930	15.00	14.53	190	184	15.33	14.84	198	192	9.11	8.65	168	159
1931	14.88	14.59	188	184	15.12	14.61	196	189	8.87	8.09	163	149
1932	14.97	13.10	189	166	15.00	13.37	194	173	8.17	7.50	150	138
1933	13.01	12.26	172	155	13.82	12.47	179	161	7.46	7.64	137	141
1934	13.25	12.60	167	159	13.44	12.79	174	166	8.24	8.23	152	152
1935	13.01	------	164	------	13.21	------	171	------	8.37	------	154	------

[1] Prices represent combined averages for cities shown in table 727.
[2] Average of prices for January and July; this is the base for relative prices. [3] Insufficient data.

No. 729.—NATURAL GAS AND NATURAL GASOLINE

NOTE.—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 the point of consumption. Consumption figures by States differ greatly from production figures by reason of interstate transportation

Yearly average or year	Natural gas produced and marketed		Natural gasoline			Year	Natural gas produced and marketed		Natural gasoline		
	Quantity	Value	Gas treated	Production	Value		Quantity	Value	Gas treated	Production	Value
1906-1910	437,057	57,940	-------	-------	-------	1920	1,313,019	300,168	1,206,309	1,363,090	136,412
1911-1915	575,708	88,492	11,002	30,317	2,481	1927	1,445,428	317,930	1,341,248	1,641,144	118,688
1916-1920	762,681	154,590	412,787	268,038	48,174	1928	1,568,139	363,726	1,473,434	1,814,034	138,944
1921-1925	947,419	229,002	820,445	762,151	82,205	1929	1,917,603	413,276	1,959,294	2,233,688	158,410
1926-1930	1,637,540	362,238	1,613,811	1,352,490	136,123	1930	1,943,421	416,090	2,088,778	2,210,494	128,160
1922	762,846	221,535	545,139	505,832	72,711	1931	1,686,436	392,816	1,790,119	1,831,918	63,732
1923	1,006,976	240,001	875,711	816,226	77,268	1932	1,555,990	384,632	1,499,756	1,523,800	40,244
1924	1,141,521	253,856	1,016,276	933,861	82,233	1933	1,555,474	368,540	1,551,464	1,420,000	54,368
1925	1,188,571	265,271	1,040,390	1,127,470	120,388	1934[1]	1,770,721	395,378	1,776,172	1,535,360	60,523

State	Natural gas produced and marketed					Natural gas consumed	Natural gasoline produced		
	1920	1925	1930	1932	1933	1933	1932	1933	1934[1]
Total[2]	798,210	1,188,571	1,943,421	1,555,990	1,555,474	1,653,399	1,523,800	1,420,000	1,535,360
Arkansas	19,050	41,878	18,585	10,235	8,288	22,775	18,653	15,215	13,033
California	66,041	187,789	334,789	263,484	259,799	259,799	551,897	496,293	506,272
Illinois	3,013	4,165	2,890	1,769	1,631	33,341	4,558	3,673	3,810
Kansas	33,140	26,917	37,630	40,690	41,596	57,032	24,792	24,869	27,891
Kentucky	15,297	10,770	28,023	29,005	31,380	13,222	4,877	4,514	4,171
Louisiana	46,219	152,620	278,341	201,561	197,826	115,800	46,199	36,973	40,558
Mississippi	-------	-------	179	8,648	8,679	5,818	-------	-------	-------
Montana	818	1,496	10,060	13,295	14,391	[3] 12,222	-------	1,295	1,237
New Mexico	-------	[4]	9,497	17,604	19,148	13,400	17,507	19,149	21,748
New York	19,127	[5] 6,210	[5] 9,624	[5] 8,813	[5] 6,865	19,912	117	96	85
Ohio	136,872	43,235	63,394	51,466	47,929	92,762	5,163	4,662	5,881
Oklahoma	120,689	249,285	343,116	255,487	245,759	242,494	378,584	360,433	355,438
Penn	161,397	101,632	88,706	[6] 61,611	[6] 63,579	73,627	11,685	11,686	10,781
Texas	49,467	[7] 134,872	[7] 517,880	[7] 456,332	[7] 475,691	412,428	371,106	366,515	466,570
W. Virginia	100,289	180,345	144,180	100,540	100,653	46,933	43,773	39,848	41,854
Wyoming	10,312	45,539	43,219	28,938	25,830	20,087	44,301	34,103	34,799

[1] Preliminary. [2] Includes other States not shown separately.
[3] Includes 83,000,000 cubic feet piped from Canada. [4] Separate data not available.
[5] Includes 68,000,000 cubic feet piped to Canada in 1925, 107,000,000 in 1930, 46,000,000 in 1932, and 29,000,000 in 1933.
[6] Includes 37,000,000 cubic feet piped to Canada in 1932, and 40,000,000 in 1933.
[7] Includes 64,000,000 cubic feet piped to Mexico in 1925, 1,691,000,000 in 1930, 1,610,000,000 in 1932, and 2,089,000,000 in 1933.

Sources: Table 728, Bureau of Labor Statistics, Department of Labor; table 729, Bureau of Mines, Department of the Interior.

No. 730.—MANUFACTURED-GAS INDUSTRY: MATERIALS USED AND PRODUCTS

NOTE.—These figures cover establishments engaged primarily in the commercial manufacture of gas to be delivered through mains; they do not cover establishments which merely distribute purchased gas. Blast-furnace gas and, with some exceptions, byproduct coke-oven gas are not included

Material or product	Unit	Quantity (thousands of unit specified)				Value (thousands of dollars)	
		1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
Materials used:							
Coal for gas making:							
Anthracite	Long ton [2]	68	42	39	40		
Bituminous	Short ton [3]	8,918	9,055	9,009	7,473		
Oil for gas making	Barrel [4]	4,683	1,607	1,242	935		
Oil for carbureting	do	16,024	13,893	8,887	11,178		
Gas purchased	M cu. ft.	[5] 103,209	[5] 96,226	[5] 96,226	93,854		
Products, total value						379,351	295,480
Gas sold (from production in industry).	M cu. ft.	(6)	283,382	281,453	226,000	311,548	248,669
Coke for sale	Short ton [3]	3,444	3,599	3,583	3,182	26,573	20,671
Tar for sale	*Gallon*	*103,695*	*149,891*	*149,195*	*113,581*	*6,597*	*4,521*
All other products and receipts.						34,633	21,619

[1] For reason of adjustment, see last paragraph of general note, p. 715. [2] 2,240 pounds.
[3] 2,000 pounds. [4] 42 gallons.
[5] Includes 5,281,002 M cu. ft. in 1929 and 6,184,801 M cu. ft. in 1931 purchased from establishments in the gas industry. No similar duplication is included in the corresponding figure for 1933.
[6] Not available.

No. 731.—MANUFACTURED-GAS INDUSTRY: SUMMARY OF STATISTICS

NOTE.—Companies formerly distributing manufactured gas but which were distributing natural gas at the beginning of 1934 have been excluded for all years shown in this table.

	1929	1930	1931	1932	1933	1934
Population served, Dec. 31 (thousands)	47,638	48,672	49,366	49,131	49,519	49,771
Miles of main, Dec. 31	84,600	88,000	92,500	92,600	93,900	94,100
Employees, Dec. 31	74,700	74,300	72,100	66,100	69,700	71,900
Total gas produced and purchased (million cubic feet)	427,681	426,239	411,579	382,416	367,154	386,706
Gas produced	308,983	303,798	294,223	261,091	243,677	250,909
Gas purchased	118,698	122,441	117,356	121,325	123,477	135,797
Total number of customers, Dec. 31 (thousands)	10,267	10,285	10,207	9,729	9,680	9,874
Domestic	9,770	9,770	9,666	9,231	9,161	9,311
House heating	43	53	58	60	80	117
Industrial and commercial	447	455	476	429	430	437
Miscellaneous	7	7	7	9	9	9
Total gas sales to consumers (million cubic feet)	394,539	396,111	384,262	352,175	334,168	347,453
Domestic	276,453	277,713	271,981	258,074	239,298	232,829
House heating	14,124	18,181	19,674	19,440	20,384	28,551
Industrial and commercial	101,792	97,919	90,571	72,407	72,481	84,005
Miscellaneous	2,170	2,298	2,036	2,254	2,005	2,068
Total revenue from consumers (thousand dollars)	435,879	438,045	426,766	403,343	372,351	374,845
Domestic	334,058	335,017	328,738	319,085	293,524	288,420
House heating	11,943	15,025	15,833	14,964	14,336	19,674
Industrial and commercial	88,004	86,120	80,616	67,981	62,955	65,871
Miscellaneous	1,874	1,883	1,579	1,613	1,526	1,480

No. 732.—AVERAGE NET PRICE OF MANUFACTURED GAS

NOTE.—Average net prices per 1,000 cubic feet for household use in cities specified in the first section of table 733

Date	Actual	Relative	Date	Actual	Relative	Date	Actual	Relative
Apr. 15, 1913	$0.95	100	Mar. 15, 1922	$1.29	136	Dec. 15, 1928	$1.22	128
Apr. 15, 1915	.93	98	Mar. 15, 1923	1.25	132	Dec. 15, 1929	1.21	127
Apr. 15, 1917	.91	96	Mar. 15, 1924	1.24	131	Dec. 15, 1930	1.18	124
Apr. 15, 1918	.95	100	Dec. 15, 1924	1.24	131	Dec. 15, 1931	1.15	121
Apr. 15, 1919	1.04	110	Dec. 15, 1925	1.23	130	Dec. 15, 1932	1.15	121
Apr. 15, 1920	1.09	115	Dec. 15, 1926	1.22	128	Dec. 15, 1933	1.14	120
May 15, 1921	1.32	139	Dec. 15, 1927	1.22	128	Nov. 15, 1934	1.14	120

Sources: table 730, Bureau of the Census, Department of Commerce; table 731, American Gas Association; table 732, Bureau of Labor Statistics, Department of Labor.

No. 733.—RETAIL PRICES OF GAS IN PRINCIPAL CITIES

NOTE.—Prices are net per 1,000 cubic feet of gas for household use. Prices for manufactured gas are based on a family consumption of 3,000 cubic feet per month. In cities where a service charge or a sliding scale is in operation rates are slightly higher for families using less than 3,000 cubic feet per month and slightly lower for those consuming more. Prices for natural gas and for mixed manufactured and natural gas (principally natural gas) are based on a family consumption of 5,000 cubic feet per month

City	Apr. 15, 1913	Apr. 15, 1915	Apr. 15, 1920	June 15, 1923	June 15, 1924	June 15, 1925	June 15, 1926	June 15, 1927	June 15, 1928	June 15, 1929	June 15, 1930	June 15, 1931	June 15, 1932	June 15, 1933	June 15, 1934	Nov. 15, 1934
	MANUFACTURED GAS															
Atlanta	$1.00	$1.00	$1.15	$1.65	$1.55	$1.55	$1.55	$1.55	$1.55	$1.43						
Baltimore	.90	.80	.75	.92	.85	.85	.85	.85	.85	.85	$0.85	$0.85	$0.85	$0.85	$0.85	$0.85
Birmingham	1.00	.95	.95	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80
Boston	.81	.80	1.08	1.25	1.20	1.18	1.18	1.18	1.18	1.18	1.16	1.16	1.16	1.16	1.16	1.16
Butte	1.49	1.49	1.49	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10				
Charleston, S. C.	1.10	1.10	1.25	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.45	1.45	1.45	1.40	1.40
Chicago	.80	.80	.87	1.07	1.02	1.02	1.02	1.02	.98	.98	.98	[1] .98				
Cleveland	.80	.80	.80	.80	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Denver	.85	.80	.95	.95	.95	.95	.90	.90								
Detroit	.75	.75	.79	.79	.82	.82	.79	.79	.79	.79	.79	.79	.77	.77	.79	.79
Fall River	.80	.80	1.05	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.14	1.14	1.14	1.14	1.14	1.14
Houston	1.00	1.00	1.09	1.09	1.09	1.05										
Indianapolis	.60	.55	.60	1.15	1.15	1.10	1.05	1.05	.95	.95	.95	.95	.95	.95	.95	.95
Jacksonville	1.20	1.15	1.50	1.65	1.97	1.97	1.97	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92
Manchester	1.10	1.00	1.18	1.48	1.38	1.38	1.38	1.38	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
Memphis	1.00	1.00	1.27	1.20	1.20	1.20	1.20	1.20	1.20							
Milwaukee	.75	.75	.75	.86	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82
Minneapolis	.85	.80	.95	1.05	1.01	.95	.97	.96	.94	.89	1.05	.96	.96	.96	.96	.96
Mobile	1.10	1.10	1.35	1.80	1.80	1.80	1.80	1.76	1.76	1.76	1.76					
Newark	1.00	.90	1.15	1.25	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	1.21	1.21
New Haven	.90	.90	1.10	1.18	1.18	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
New Orleans	1.10	1.00	1.30	1.30	1.30	1.30	1.30	1.30	1.30							
New York	.84	.83	.87	1.23	1.23	1.23	1.23	1.24	1.25	1.25	1.24	1.24	1.23	1.21	1.21	1.21
Norfolk	1.00	1.00	1.60	1.40	1.40	1.40	1.33	1.33	1.33	1.33	1.32	1.32	1.32	1.18	1.18	1.18
Omaha	1.15	1.15	1.15	1.18	1.18	1.08	1.08	1.08	1.00	.95	.95	.88	.79	.79	.76	.73
Peoria	.90	.90	.85	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20				
Philadelphia	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.95	.95	.88	.88	.88
Portland, Me.	1.10	1.00	1.40	1.55	1.55	1.55	1.50	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
Portland, Oreg.	.95	.95	.95	1.16	1.16	1.16	1.19	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
Providence	.85	.85	1.30	1.22	1.22	1.17	1.17	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Richmond	.90	.90	1.00	1.20	1.30	1.30	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
Rochester	.95	.95	.95	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
St. Louis	.80	.80	.85	1.00	1.00	1.00	1.00	1.00	1.00	1.11	1.11	1.11	[2] 1.10	[3] 1.30	[3] 1.30	[3] 1.30
St. Paul	.95	.90	.85	.85	.85	.85	.90	.90	.90	.90	.90	.90	.90	.90	.90	.90
Salt Lake City	.87	.87	1.35	1.57	1.57	1.54	1.53	1.52	1.51	1.51						
San Francisco	.75	.85	.95	.92	1.00	1.05	.95	.95	.94	.90						
Savannah			1.25	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
Scranton	.95	.95	1.30	1.60	1.50	1.50	1.50	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
Seattle	1.00	1.00	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.43	1.43	1.43	1.48	1.48	1.48
Springfield, Ill.	1.00	1.00	1.10	1.35	1.35	1.35	1.25	1.25	1.25	1.25	1.25	[4] 1.25				
Washington	.93	.93	.95	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.95	.93	.84	.85	.85
	NATURAL GAS AND MIXED MANUFACTURED AND NATURAL GAS															
Atlanta											$1.17	$1.09	$1.09	$1.09	$1.09	$1.09
Buffalo					$0.60	$0.60	$0.65	$0.65	$0.65	$0.65	.65	.65	.65	.65	.65	.65
Butte													.70	.70	.70	.70
Chicago													[5] 1.32	[5] 1.32	[5] 1.30	[5] 1.30
Cincinnati	$0.30	$0.30	$0.35	$0.50	.50	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75
Cleveland	.30	.30	.35	.55	.55	.55	.60	.60	.60	.60	.60	.60	.60	.60	.60	.53
Columbus	.30	.30	.30	.45	.45	.55	.55	.48	.48	.48	.48	.48	.48	.55	.55	.55
Dallas	.45	.45	.45	.68	.68	.74	.74	.79	.79	.79	.79	.79	.79	.79	.79	.79
Denver										.99	.99	.99	.99	.99	.99	.96
Houston							.75	.75	.75	.75	.75	.75	.75	.75	.75	.75
Kansas City	.27	.27	.80	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95
Little Rock	.40	.40	.45	.45	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65
Los Angeles								.91	.91	.84	.84	.84	.84	.82	.79	.79
Louisville		.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.56	.58
Memphis										.97	.95	.95	.95	.95	.95	.95
Mobile												1.24	1.24	1.24	1.24	1.24
New Orleans										.95	.95	.95	.95	.95	.95	.95
Peoria													[6] 1.95	[6] 1.95	[6] 1.95	[6] 1.95
Pittsburgh	.28	.28	.35	.50	.53	.60	.60	.60	.60	.60	.60	.60	.60	.60	.60	.60
Salt Lake City											.99	.99	.99	1.01	1.01	1.01
San Francisco											.97	.97	.97	.97	.97	.97
Springfield													[6] 2.00	[6] 2.00	[6] 1.28	[6] 1.28

[1] Based on 15.9 therms.
[2] Based on 18 therms.
[3] Based on 24 therms.
[4] Based on 17 therms.
[5] Based on 40 therms.
[6] Based on 50 therms.

Source: Bureau of Labor Statistics, Department of Labor.

No. 734.—PRODUCTION OF CRUDE PETROLEUM

[Quantities in thousands of barrels (42 gallons); values in thousands of dollars]

Yearly average	Quantity	Value	Year	Quantity	Value	Year	Quantity	Value
1861–1865	2,479	9,965	1907	166,095	120,107	1921	472,183	814,745
1866–1870	4,013	15,795	1908	178,527	129,079	1922	557,531	895,111
1871–1875	8,221	16,430	1909	183,171	128,329	1923	732,407	978,430
1876–1880	16,816	22,926	1910	209,557	127,900	1924	713,940	1,022,683
						1925	763,743	1,284,960
1881–1885	25,508	22,933	1911	220,449	134,045			
1886–1890	32,990	23,830	1912	222,935	164,213	1926	770,874	1,447,760
1891–1895	51,095	35,708	1913	248,446	237,121	1927	901,129	1,172,830
1896–1900	59,498	56,836	1914	265,763	214,125	1928	901,474	1,054,880
1901–1905	102,083	83,524	1915	281,104	179,463	1929	1,007,323	1,280,417
						1930	898,011	1,070,200
1906–1910	172,769	119,572	1916	300,767	330,900			
1911–1915	247,739	185,793	1917	335,316	522,035	1931	851,081	550,630
1916–1920	362,661	735,698	1918	355,928	703,944	1932	785,159	680,460
1921–1925	647,961	999,186	1919	378,367	760,266	1933	905,656	608,000
1926–1930	895,762	1,205,217	1920	442,929	1,360,745	1934	908,065	904,825

Source: Bureau of Mines, Department of the Interior.

No. 735.—PETROLEUM PRODUCTION, IMPORTS, EXPORTS, AND BUNKER OIL LADEN ON VESSELS IN FOREIGN TRADE

NOTE.—Exports of refined oils include residuum prior to 1913 and exclude it thereafter. Exports exclude reexports of imported oils. Imports are imports for consumption beginning with 1933; general imports in earlier years

Period	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	76,465	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
1917	335,316	30,127	1,401	4,098	58,999	5,908	10.3	4.3	7.7	245.2	7.4
1918	355,928	37,736	1,207	4,901	59,727	6,603	21.3	4.4	12.1	332.2	11.7
1919	378,367	52,822	1,340	5,924	52,641	14,031	26.4	5.0	14.8	327.0	29.4
1920	442,929	106,175	2,619	8,045	65,278	26,335	55.8	10.1	29.0	519.3	66.7
1921	472,183	125,364	3,412	8,865	57,534	27,076	66.5	10.8	20.2	363.5	57.2
1922	557,531	127,308	8,639	9,995	59,592	31,692	70.4	17.8	18.3	312.6	43.7
1923	732,407	82,015	17,592	17,061	77,893	37,582	53.9	24.3	23.1	327.0	52.2
1924	713,940	77,775	16,760	17,605	93,411	43,328	73.8	26.9	26.5	392.3	58.0
1925	763,743	61,824	16,324	13,125	93,843	42,827	75.4	31.3	24.3	422.6	68.2
1926	770,874	60,382	20,902	15,406	108,398	46,662	79.3	44.6	28.5	497.2	71.0
1927	901,129	58,383	13,281	15,843	115,399	50,051	78.6	33.6	25.9	429.7	73.0
1928	901,474	79,767	11,701	18,961	126,159	51,226	90.5	40.9	26.8	465.2	59.8
1929	1,007,323	78,933	29,632	20,394	126,377	52,278	79.9	61.0	37.8	493.4	54.7
1930	898,011	62,129	43,381	23,704	122,167	50,773	64.9	78.7	32.2	438.2	53.6
1931	851,081	47,250	38,702	25,535	91,009	43,714	39.2	52.1	20.8	232.3	38.8
1932	785,159	44,700	30,228	27,391	[3] 69,348	38,152	30.4	29.2	27.1	[3] 168.1	29.4
1933	905,656	31,908	13,257	36,584	[3] 61,419	32,272	17.7	7.1	32.0	[3] 151.3	27.1
1934	908,065	35,772	14,952	41,127	[3] 64,750	29,899	25.9	9.6	49.8	[3] 159.5	31.3

[1] Data are not available.
[2] Average for years 1908–1910 for total mineral oils.
[3] Not including natural gasoline (308,000 barrels valued at $533,000 in 1932, 1,657,000 barrels at $3,395,000 in 1933, and 1,495,000 barrels at $2,729,000 in 1934), included with refined oils prior to 1932.

Sources: Bureau of Mines, Department of the Interior, and Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 736.—PETROLEUM, CRUDE: PRODUCTION BY REGIONS AND STATES, AND APPROXIMATE WORLD PRODUCTION

[In thousands of barrels of 42 gallons]

Section	1901–1910 (average)	1911–1915 (average)	1916–1920 (average)	1921–1925 (average)	1926–1930 (average)	1931	1932	1933	1934
World total [1]	236,615	384,345	541,733	944,777	1,316,390	1,373,656	1,308,677	1,443,382	1,500,824
United States [2]	137,428	247,739	362,661	647,961	895,762	851,081	785,159	905.656	908.085
Percent of total	*58.1*	*64.5*	*66.9*	*68.6*	*68.0*	*62.0*	*59.9*	*62.7*	*60.5*
Regions:									
Appalachian	28,943	24,594	27,161	28,504	31,603	30,401	29,667	27,436	30,505
Lima—N. E. Ind. [3]—Mich.	17,253	5,052	3,468	2,298	3,603	4,941	8,004	8,988	11,603
Illinois—S. W. Indiana [3]	12,659	24,955	13,918	9,585	7,495	5,842	5,450	4,967	5,293
Mid-continent	25,088	87,656	184,616	343,545	527,944	543,736	493,034	601,147	584,732
Gulf	17,436	12,357	24,273	33,688	54,140	57,592	53,466	76,308	83,949
Rocky Mountain	402	2,605	11,830	35,258	29,468	19,739	17,410	14,800	17,678
California	35,641	90,512	97,384	195,074	241,509	188,830	178,128	172,010	174,305
States:									
Arkansas				30,644	35,010	14,791	12,051	11,686	11,182
California	35,641	90,512	97,384	195,074	241,509	188,830	178,128	172,010	174,305
Colorado	381	211	139	392	2,477	1,545	1,136	919	1,139
Illinois	12,659	24,955	13,918	8,815	6,654	5,039	4,673	4,244	4,470
Indiana	6,527	1,167	865	1,011	937	840	806	737	838
Kansas [4]	4,603	2,235	32,556	32,733	41,123	37,018	34,843	41,976	46,482
Kentucky [5]	696	484	5,335	8,044	7,103	6,456	6,287	4,608	4,860
Louisiana	4,310	12,997	19,117	25,759	22,338	21,804	21,807	25,168	32,859
Michigan				1	1,913	3,789	6,010	7,942	10,603
Montana			129	2,729	4,826	2,830	2,467	2,273	3,603
New Mexico [6]				[7] 554	3,171	15,227	12,455	14,116	16,864
New York	1,153	920	864	1,274	2,765	3,363	3,508	3,181	3,804
Ohio	15,677	8,586	7,583	7,045	7,022	5,327	4,644	4,235	4,234
Oklahoma [4]	19,076	68,624	102,209	155,088	235,663	180,574	153,244	182,251	180,107
Pennsylvania	10,538	8,002	7,662	7,607	10,613	11,892	12,412	12,824	14,478
Texas	14,534	16,256	55,008	127,009	245,702	332,437	312,478	402,609	381,516
West Virginia	11,605	10,487	8,311	6,575	5,655	4,472	3,876	3,815	4,005
Wyoming	21	2,394	11,562	31,901	21,145	14,834	13,418	11,227	12,556

[1] Estimated; 1934 figure from "World Petroleum."
[2] Includes for certain years small quantities not distributed by regions and States.
[3] Southwestern Indiana reported with Illinois beginning 1921; previously with Lima-Indiana region.
[4] Kansas includes Oklahoma, 1905 and 1906. [5] Kentucky includes Tennessee, 1891 to 1907.
[6] Not shown separately prior to 1924. [7] Average for years 1924 and 1925.

No. 737.—STOCKS OF CRUDE AND REFINED MINERAL OILS ON DECEMBER 31

[In thousands of barrels of 42 gallons]

	1920	1925	1930	1931	1932	1933	1934
Crude petroleum, total [1]	149,443	345,863	[1] 408,809 [2] 411,882	370,919 [2] 370,194	339,715 [2] 339,875	355,312 [2] 354,223	337,254
At refineries [3]	28,703	[4] 29,607	[4] 41,136	[4] 36,546 [2] 35,821	55,513 [2] 61,769	66,049	64,099
Pipe line and tank farm [3]	117,159	[4] 308,696	[1] 361,065 [2] [4] 364,138	[4] 328,171	276,189 [2] 270,093	281,132 [2] 280,043	264,625
Producers' [5]	3,536	7,560	6,608	6,202	8,013	8,131	8,530
Natural gasoline	(6)	[7] 326	2,377 [2] 3,100	2,818 [2] 2,825	3,203	3,317 [2] 3,680	3,740
Refined products, total [1] [8]	60,397	206,275	254,311 [2] 251,680	247,936 [2] 258,879	247,188 [2] 249,116	244,578 [2] 244,295	223,356
Gasoline	11,009	38,018	40,541 [2] 40,098	42,320 [2] 52,401	50,602 [2] 51,107	52,616 [2] 56,255	48,205
Kerosene	9,350	7,121	6,883	5,332	4,974 [2] 5,033	6,558	6,308
Gas oil and fuel oil [1]	19,938	110,464	140,428 [2] 137,790	135,856	129,881 [2] 130,753	123,500 [2] 123,004	110,397
Lubricants	3,822	7,253	10,971	9,511 [2] 9,485	8,465 [2] 8,694	7,100	7,331
Grand total stocks all oils	209,845	552,464	666,497 [2] 666,662	621,673 [2] 631,898	590,106 [2] 592,194	603,207 [2] 602,198	564,350

[1] California heavy crude and fuel oil included in refined products as residual fuel oil beginning 1925.
[2] For comparison with succeeding year. [3] Includes foreign crude held by importers.
[4] Refinery stocks in California included in pipe-line and tank-farm stocks.
[5] Producers' stocks in California included in pipe-line and tank-farm stocks prior to 1932.
[6] Not available. [7] At plants only. [8] Includes wax, coke, and asphalt.

Source of tables 736 and 737: Bureau of Mines, Department of the Interior.

No. 738.—SUPPLY AND DEMAND OF CRUDE AND REFINED OILS

[In thousands of barrels of 42 gallons]

	1928	1929	1930	1931	1932	1933	1934
Total new supply of all oils	1,038,166	1,171,359	1,058,949	982,611	896,965	986,228	996,823
Domestic production, total	946,609	1,062,649	953,331	896,524	822,471	940,834	946,329
Crude petroleum	901,474	1,007,323	898,011	851,081	785,159	905,656	908,065
Natural gasoline	42,326	52,271	52,631	43,617	36,281	33,810	36,556
Benzol	2,809	3,055	2,689	1,826	1,031	1,368	1,708
Imports—							
Crude	79,767	78,933	62,129	47,250	44,682	31,893	35,558
Refined [1]	11,790	29,777	43,489	38,837	29,812	13,501	14,936
Change in stocks [2]	+22,775	+68,156	−24,000	−44,989	−41,792	+11,013	−37,848
Total demand	1,015,391	1,103,203	1,082,949	1,027,600	938,757	975,215	1,034,671
Exports [3]—							
Crude	18,966	26,401	23,705	25,535	27,393	36,584	41,127
Refined [1]	135,991	136,719	132,794	98,859	75,882	70,143	73,380
Domestic [4]	860,434	940,083	926,450	903,206	835,482	868,488	920,164
Bunker oil	51,226	52,278	50,773	43,714	38,152	32,272	29,890

[1] Includes wax, coke, asphalt, and residuum in barrels.
[2] Data include crude petroleum, refined products, and natural gasoline.
[3] Includes shipments to noncontiguous territories.
[4] Includes bunker oil put on vessels engaged in foreign trade.

Source: Bureau of Mines, Department of the Interior.

No. 739.—PETROLEUM REFINING: REFINERY PRODUCTS

Product	Quantity (thousands of gallons unless otherwise specified)				Value (thousands of dollars)	
	1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
Refinery products, total value					1,502,259	1,357,997
Light products of distillation (except tops)	18,251,372	17,595,043	17,432,723	16,354,818	846,254	773,182
Gasoline	17,538,789	17,100,621	16,949,078	16,094,531	824,300	759,183
Naphtha	662,642	461,174	450,397	228,516	20,146	12,251
Benzine	49,941	33,247	33,247	31,771	1,808	1,747
Illuminating oils	2,338,920	1,745,447	1,732,908	1,949,863	72,285	78,128
Fuel oils	16,390,954	14,209,692	13,999,089	13,205,107	267,881	253,237
Distillates	1,024,364	1,055,597	1,013,171	1,598,816	27,116	49,648
Gas oils	2,882,959	2,562,143	2,525,230	1,977,443	67,837	53,931
Residual fuel oils	12,483,631	10,591,948	10,460,689	9,718,848	172,928	149,658
Partially refined oils sold for rerunning	1,466,861	1,313,270	1,311,126	1,130,068	28,418	23,734
Above fuel oil	869,056	891,280	890,944	760,697		
Fuel oil	567,533	383,803	382,937	345,215		
Below fuel oil	30,273	38,187	37,245	24,156		
Lubricating oils	1,553,711	1,147,767	1,145,431	1,047,212	197,093	142,444
Black, cylinder, red, neutral, pale, and paraffin	(2)	(2)	(2)	650,475	(2)	74,178
All other lubricating oils, including compounded (except cylinder) oils	(2)	(2)	(2)	396,736	(2)	68,266
Liquid asphaltic road oils	323,002	377,748	375,116	300,243	10,352	8,343
Greases	52,017	45,816	45,211	41,923	12,225	9,251
Petroleum, mineral jelly, etc.	13,664	16,959	16,353	14,711	2,071	1,855
Lubricating greases, including axle grease	38,354	28,858	28,858	27,212	10,153	7,396
Paraffin wax	84,639	79,483	79,377	72,852	13,340	12,211
Acid oil	34,767	84,560	84,560	85,627	1,119	1,015
Asphalt other than liquid asphalt [3]	3,115	2,462	2,462	1,790	21,751	17,932
Petroleum coke [3]	1,265	2,029	2,025	1,751	7,173	5,582
Other refinery products, value					24,368	32,940

[1] For reason of adjustment, see last paragraph of general note, p. 715.
[2] No comparable data.
[3] Thousands of tons of 2,000 pounds.

Source: Bureau of the Census, Department of Commerce.

No. 740.—PETROLEUM PRODUCTS: Oils Run to Stills, Output of Refineries, Stocks, Exports, and Apparent Consumption of Products

NOTE.—Stocks are those in refiners' hands only. Hence "apparent consumption" represents deliveries by refiners to dealers and consumers. Exports include shipments to noncontiguous territories. Consumption figures for kerosene and lubricants take into account imports not shown separately

[In thousands of barrels of 42 gallons, except as indicated]

Item	1918	1920	1925	1930	1931	1932	1933	1934
Crude oil run to stills	326,025	433,915	739,920	927,447	894,608	819,907	861,254	895,636
Domestic	324,618	372,779	698,582	866,615	847,671	777,696	825,786	860,776
Foreign	1,407	61,136	41,338	60,832	46,937	42,301	35,468	34,860
Natural gasoline run to stills or blended at refineries	2,451	3,153	[1] 19,636	[1] 43,170	[1] 35,116	[1] 26,332	[1] 25,346	[1] 28,162
Stocks of crude oil, end of year	15,750	21,261	[2] 29,200	[2] 41,136	[2] 36,546	[2] 47,816	66,049	64,099
Motor fuel:								
Production	86,280	118,022	262,252	440,728	437,453	390,712	407,932	423,801
Exports (gasoline and benzol)	13,650	15,678	31,684	65,575	45,716	35,438	29,321	24,686
Imports (gasoline)	307	964	3,813	16,927	13,621	8,205	15	1
Stocks, end of year	7,080	11,000	38,918	40,008	[3] 55,226	[3] 54,310	[3] 59,935	[3] 51,945
Apparent consumption	75,672	102,037	226,329	394,800	403,418	373,900	377,003	407,106
Kerosene:								
Production	43,461	55,240	59,689	49,208	42,446	43,836	48,977	53,855
Exports	11,820	20,878	21,212	16,884	12,712	11,044	8,959	9,781
Stocks, end of year	9,050	9,359	7,121	6,883	5,332	5,033	6,558	6,398
Apparent consumption	34,442	33,082	39,969	34,736	31,296	33,221	38,493	44,234
Gas oil and fuel oil:								
Production	174,319	210,987	304,991	372,498	336,967	[4] 301,353	[4] 316,439	[4] 335,353
Exports	29,637	22,080	36,088	38,450	29,231	19,994	20,503	28,605
Stocks, end of year	15,691	19,938	[2] 24,681	[5] 137,790	[5] 135,856	[5] 129,381	[5] 123,004	[5] 110,397
Lubricants:								
Production	20,035	24,938	31,055	34,201	26,704	22,433	23,775	26,373
Exports	6,165	9,643	9,678	9,935	8,128	6,851	8,218	7,660
Stocks, end of year	3,306	3,822	7,253	10,971	9,485	8,694	7,100	7,331
Apparent consumption	13,823	14,742	20,581	21,589	20,068	16,614	17,152	18,482
Wax—production, 1,000 lbs	505,144	541,204	590,577	547,680	477,400	458,920	469,560	463,720
Stocks, end of year, do	199,658	195,308	116,391	232,592	171,220	163,935	69,117	136,136
Coke—production, 1,000 tons [6]	560	577	991	1,940	2,032	1,789	1,580	1,300
Stocks, end of year, do	23	32	238	1,089	1,512	1,330	727	405
Asphalt—production 1,000 tons [6]	608	1,291	2,677	3,308	2,976	2,475	2,320	2,841
Stocks, end of year, do	77	81	159	308	302	276	255	339
Other finished products			8,044	13,179	[7] 47,057	[7] 49,522	[7] 52,181	[7] 52,473
Losses	14,557	18,743	22,914	37,003	[7] 19,070	[7] 20,652	[7] 16,756	[7] 16,073

[1] Includes natural gasoline run through pipe lines in California.
[2] Stocks east of California only.
[3] Includes terminal, transit, and natural gasoline stocks.
[4] Includes net transfers in California.
[5] Total gas oil and fuel oil stocks, including California heavy crude.
[6] Of 2,000 pounds.
[7] Other finished products include still gas formerly reported also with losses.

No. 741.—PETROLEUM PRODUCTS: Crude Oil Run to Stills and Output of Refineries, by Regions

[In thousands of barrels of 42 gallons, except wax, which is in thousands of pounds]

Region	Crude oil run to stills		Natural gasoline run to stills or blended		Output of refineries, 1934				
	1933	1934	1933	1934	Gasoline	Kerosene	Gas oil and fuel oil	Lubricants	Wax
Total	861,254	895,636	25,346	28,162	416,932	53,855	335,353	26,373	466,720
East coast	166,932	171,733	1,109	1,307	69,630	10,535	65,621	7,405	225,120
Appalachian	33,567	35,809	237	284	17,980	2,982	7,345	5,231	81,490
Indiana, Illinois, Kentucky, etc	117,073	119,166	1,785	2,348	67,247	4,224	28,976	2,373	37,800
Oklahoma, Kansas, and Missouri	96,541	95,006	4,968	5,874	55,624	6,307	25,721	2,969	34,720
Texas	218,145	241,359	5,916	6,349	111,679	18,159	91,190	5,901	48,160
Louisiana and Arkansas	57,519	60,191	691	769	24,265	5,571	24,249	558	25,760
Rocky Mountain	14,209	16,037	819	803	8,908	516	4,420	231	15,680
California	157,268	156,335	9,821	10,428	61,599	5,561	87,831	1,705	----

Source of tables 740 and 741: Bureau of Mines, Department of the Interior.

No. 742.—PETROLEUM PIPE LINES: SUMMARY FOR ALL REPORTING COMPANIES

[All figures, except miles of line operated, in thousands of dollars]

Year	Miles of line operated	Investment in pipe lines	Other investments	Pipeline operating revenues	Pipeline operating expenses	Pipeline operating income	Net income
1921	55,260	365,024	287,114	115,950	62,370	25,530	34,400
1923	64,760	432,065	305,841	131,213	69,234	52,678	62,639
1924	68,185	496,187	282,504	146,921	74,656	63,176	72,234
1925	70,009	511,088	93,896	104,045	80,232	70,966	88,495
1926	72,846	539,410	111,891	173,075	83,098	76,523	80,401
1927	76,070	609,439	105,927	195,561	90,287	92,719	93,239
1928	81,676	659,093	106,683	222,073	96,478	112,221	117,206
1929	85,796	741,010	104,445	251,411	102,101	135,421	142,216
1930	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1931	93,090	845,050	90,505	222,944	99,237	116,767	120,738
1942	92,783	763,942	41,754	211,789	86,003	110,019	112,362
1933	93,724	766,251	47,947	217,192	85,374	107,811	105,943

Source: Interstate Commerce Commission.

No. 743.—PETROLEUM: PRICES OF CRUDE AND REFINED PRODUCTS

NOTE.—Prices of crude and fuel oil in dollars per barrel of 42 gallons, others in cents per gallon. Compiled by Joseph E. Pogue. The weighted average prices cover five principal grades of crude oil at wells, five markets for kerosene, gasoline at service stations in 50 cities (exclusive of all taxes), five refining locations for fuel oil, and lubricating oil at refineries.

Year	Crude	Gasoline	Kerosene	Fuel oil	Lubricating oil	Month, 1934	Crude	Gasoline	Kerosene	Fuel oil	Lubricating oil
	Dolls.	*Cents*	*Cents*	*Dolls.*	*Cents*		*Dolls.*	*Cents*	*Cents*	*Dolls.*	*Cents*
1921	1.80	------	12.9	1.30	------	January	1.21	14.1	9.6	.79	20.0
1924	1.84	19.2	12.7	1.35	------	February	1.21	14.0	9.5	.78	20.7
1925	1.96	19.9	12.3	1.46	24.3	March	1.21	14.0	9.9	.82	20.8
1926	2.03	20.8	14.7	1.47	23.3	April	1.21	13.3	9.8	.83	20.8
1927	1.55	18.0	12.9	1.14	21.2	May	1.23	13.7	9.9	.86	21.4
1928	1.54	17.7	12.9	.91	20.7	June	1.23	14.0	9.5	.88	20.8
1929	1.67	17.7	13.4	.89	26.3	July	1.23	13.9	9.5	.88	19.5
1930	1.39	16.4	12.1	.78	19.8	August	1.23	13.6	9.3	.86	16.5
1931	.91	12.9	10.3	.57	14.7	September	1.23	13.4	9.2	.85	16.7
1932	1.02	13.2	9.4	.62	14.5	October	1.23	12.7	9.2	.83	16.0
1933	.87	12.8	9.2	.67	14.7	November	1.19	12.3	9.1	.85	14.7
1934	1.21	13.5	9.5	.84	18.5	December	1.15	12.7	9.0	.80	14.5

No. 744.—ASPHALT: SUPPLY, DISTRIBUTION, AND SALES

	1929	1930	1931	1932	1933	1934
Total supply (1,000 tons of 2,000 pounds)	5,011	4,260	3,841	3,140	3,090	3,573
Native asphalt and related bitumens:						
Produced	804	703	503	340	313	441
Imported (chiefly lake asphalt)	121	53	74	20	22	16
Petroleum asphalt (excluding road oil):						
Produced at refineries from—						
Domestic petroleum	1,583	1,404	1,275	1,116	1,237	1,445
Foreign petroleum	2,247	1,824	1,701	1,359	1,219	1,395
Stocks, Jan. 1	255	277	288	305	299	276
Total distribution (1,000 tons of 2,000 pounds)	5,011	4,260	3,841	3,140	3,090	3,573
Native asphalt and related bitumens:						
Indicated domestic demand	757	680	484	328	299	426
Exports (unmanufactured)	47	23	19	12	14	15
Petroleum asphalt (excluding road oil):						
Indicated domestic demand (incl. lake asphalt)	3,451	2,859	2,745	2,295	2,236	2,569
Exports	479	410	288	206	204	224
Stocks, Dec. 31	277	288	305	299	276	339
VALUE (1,000 DOLLARS)						
Native asphalt and related bitumens:						
Sales	5,470	4,463	2,930	1,943	1,705	2,366
Imports (chiefly lake asphalt)	956	457	726	251	278	222
Exports (unmanufactured)	1,133	629	531	449	554	581
Petroleum asphalt (excluding road oil):						
Sales	43,557	34,622	24,861	18,605	23,543	29,895
Exports	8,543	7,277	4,941	3,168	2,861	3,393

Source: Bureau of Mines, Department of the Interior.

No. 745.—PORTLAND CEMENT: PRODUCTION, SHIPMENTS, AND IMPORTS

NOTE.—Imports are "Imports for consumption" and include all kinds of hydraulic cement, most of which is Portland. "Shipments" include exports made directly by manufacturers and shipments made by them to noncontiguous territories (see table 746). Data for 1934 are preliminary; leaders indicate *separate data not yet available*

State	1910	1920	1925	1929	1930	1932	1933	1934
	Thousands of barrels of 376 pounds							
Production, total	76,550	100,023	161,659	170,646	161,197	78,741	63,473	77,682
Alabama	[1] 1,481	1,132	6,288	5,006	4,821	1,453	1,969	----------
California	[2] 6,386	7,098	13,098	13,092	10,124	5,482	7,165	8,691
Illinois	4,459	5,539	7,101	8,243	7,935	5,481	3,974	----------
Iowa	[3] 2,010	4,849	4,648	6,373	7,088	4,271	3,044	----------
Kansas	5,656	4,341	6,511	6,740	6,012	2,296	2,201	----------
Michigan	3,688	4,891	10,936	13,749	11,511	4,296	3,633	4,110
Missouri	4,456	6,018	8,332	8,113	7,809	4,238	3,799	----------
New York	3,296	5,885	8,770	10,761	10,373	6,014	4,205	----------
Ohio	1,528	1,780	5,715	9,427	8,032	4,002	2,781	----------
Pennsylvania	26,876	28,209	42,347	39,355	37,844	15,799	12,294	----------
Tennessee	([4])	([4])	([4])	4,442	3,875	1,547	1,348	----------
Texas	[5] 2,287	2,562	4,858	7,374	6,732	3,748	2,970	3,537
Other States	14,627	27,659	43,055	37,971	38,393	18,115	14,091	----------
Shipments	([6])	96,312	157,295	169,868	159,059	80,843	64,283	75,917
Imports	307	525	3,667	1,745	985	468	477	266
Stocks at mills (Dec. 31)	([6])	8,833	18,336	23,701	25,899	20,351	19,541	21,460

[1] Includes Georgia and Tennessee.
[2] California includes Washington.
[3] Includes Kentucky and West Virginia.
[4] Included in other States.
[5] Includes Oklahoma.
[6] Not available.

No. 746.—PORTLAND CEMENT: SHIPMENTS BY DESTINATIONS

[In thousands of barrels of 376 pounds]

State	1931	1932	1933	1934 [1]	State	1931	1932	1933	1934 [1]
Shipped from cement plants	127,151	80,843	64,283	75,917	**Shipments to States—Con.**				
Shipments to States	126,406	80,184	63,805	74,890	**South Atlantic—Continued.**				
New England	6,307	4,176	3,207	3,983	West Virginia	1,421	861	643	1,108
Maine	527	410	312	261	North Carolina	1,015	434	484	768
New Hampshire	437	267	202	346	South Carolina	2,251	308	217	327
Vermont	312	200	140	241	Georgia	1,714	1,129	729	938
Massachusetts	3,044	2,126	1,474	1,958	Florida	765	428	598	906
Rhode Island	570	305	282	325	**East South Central**	4,300	3,341	3,815	4,392
Connecticut	1,477	868	797	852	Kentucky	1,628	1,306	1,245	1,240
Middle Atlantic	32,746	18,624	13,333	15,248	Tennessee	1,396	1,176	957	1,534
New York	19,756	11,057	7,178	8,043	Alabama	1,251	392	926	942
New Jersey	5,066	2,855	2,027	2,338	Mississippi	525	467	687	676
Pennsylvania	7,923	4,712	4,128	4,865	**West South Central**	13,028	6,758	6,056	6,237
East North Central	28,010	20,081	14,321	18,174	Arkansas	1,223	270	673	699
Ohio	6,645	4,813	2,738	3,578	Louisiana	3,906	1,288	750	991
Indiana	3,880	3,015	1,987	2,243	Oklahoma	2,214	1,238	1,416	1,278
Illinois	7,925	5,826	5,295	5,008	Texas	5,685	3,962	3,211	3,269
Michigan	5,582	3,476	2,465	3,018	**Mountain**	2,511	1,974	2,791	5,071
Wisconsin	3,978	2,951	1,836	2,327	Montana	263	150	162	326
West North Central	18,705	11,521	7,867	9,279	Idaho	189	103	119	217
Minnesota	3,716	3,148	1,469	1,636	Wyoming	130	82	82	161
Iowa	3,900	2,502	1,503	2,219	Colorado	776	492	430	546
Missouri	4,259	3,455	2,549	2,223	New Mexico	265	174	194	307
North Dakota	258	176	133	239	Arizona	438	161	126	257
South Dakota	237	334	241	399	Utah	311	164	243	275
Nebraska	1,903	771	1,026	1,157	Nevada	133	648	1,435	2,972
Kansas	2,132	1,045	946	1,406	**Pacific**	9,630	6,496	5,984	6,720
South Atlantic	12,373	7,051	5,822	7,720	Washington	2,087	1,289	687	1,115
Delaware	347	298	252	303	Oregon	927	523	330	559
Maryland	2,014	1,557	835	1,285	California	6,616	4,684	4,967	5,046
District of Columbia	1,250	1,070	943	827	Unspecified	235	159	309	70
Virginia	1,590	906	921	1,258	Exports direct by manufacturers [2]	746	660	977	1,027

[1] Preliminary.
[2] Includes shipments to Alaska, Hawaii, and Puerto Rico.

Source of tables 745 and 746: Bureau of Mines, Department of the Interior.

No. 747.—CEMENT PRODUCTION: QUANTITY, BY KINDS, AND TOTAL VALUE

NOTE.—Portland cement is expressed 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. For 1912 through 1924 the figures for masonry, natural, and puzzolan cement represent shipments

Year	Production in thousands of barrels			Total value in thousands of dollars	Year	Production in thousands of barrels			Total value in thousands of dollars
	Total	Portland	Masonry, natural, and puzzolan			Total	Portland	Masonry, natural, and puzzolan	
1890	7,777	336	7,441	4,527	1920	100,791	100,023	767	208,198
1895	8,731	990	7,741	5,482	1921	99,381	98,842	539	187,708
1900	17,231	8,482	8,749	13,284	1922	115,079	114,790	289	203,324
1905	40,102	35,247	4,855	35,932	1923	138,732	137,460	1,272	263,122
1909	66,690	64,991	1,698	53,611	1924	150,777	149,358	1,418	272,345
1910	77,785	76,550	1,235	68,752	1925	163,388	161,659	1,729	[1] 281,076
1911	79,548	78,529	1,019	66,705	1926	166,635	164,530	2,105	[1] 280,786
1912	83,351	82,438	913	67,462	1927	175,330	173,207	2,124	[1] 281,736
1913	92,949	92,097	852	93,001	1928	178,509	176,299	2,210	[1] 278,883
1914	89,050	88,230	820	82,204	1929	172,856	170,646	2,209	[1] 255,105
1915	86,708	85,915	794	74,285	1930	162,989	161,197	1,792	[1] 231,249
1916	92,363	91,521	842	101,379	1931	126,671	125,429	1,242	[1] 142,580
1917	93,454	92,814	639	126,106	1932	77,198	76,741	457	[1] 82,718
1918	71,515	71,082	433	114,132	1933	63,940	63,473	467	[1] 80,172
1919	81,307	80,778	529	138,714	1934 [2]	78,354	77,682	672	[1] 116,732

[1] Value of shipments. [2] Preliminary.

Source: Bureau of Mines, Department of the Interior.

No. 748.—STONE: PRODUCTION (SALES), BY VARIETIES AND USES

Variety and use	Quantity sold, thousands of short tons (2,000 pounds)[1]							Value, 1,000 dollars	
	1927	1928	1929	1930	1931	1932	1933	1932	1933
Total	136,345	133,870	141,110	126,996	97,933	70,644	70,222	89,064	80,946
Granite	10,707	9,556	10,827	10,047	8,068	5,119	4,422	15,978	11,327
Basalt and related rocks	13,211	15,328	14,872	14,532	12,553	9,329	7,394	8,880	6,596
Sandstone	5,051	4,717	5,790	4,594	4,582	2,973	2,799	4,082	4,145
Marble	600	579	554	477	350	343	225	7,532	6,399
Limestone	99,662	96,365	100,687	88,741	66,751	46,914	45,922	48,016	44,499
All other	7,115	6,825	8,380	8,604	5,629	5,968	9,459	4,576	7,978
Building stone	2,485	2,453	2,647	2,322	1,669	1,296	870	20,185	15,338
Monumental	358	348	366	291	237	168	166	6,245	5,321
Paving blocks	367	349	300	295	197	72	60	620	586
Curbing	378	383	336	262	171	80	56	926	619
Flagging	55	75	88	82	50	26	14	207	134
Rubble	809	908	908	1,067	432	179	142	196	187
Riprap	4,618	3,993	4,213	4,292	4,223	3,462	3,255	2,874	3,486
Crushed stone	94,949	91,265	92,721	87,111	72,624	51,995	45,491	46,892	30,019
Furnace flux (limestone and marble)	21,666	23,124	24,394	17,091	9,727	3,991	7,985	2,929	5,513
Refractory stone	1,363	1,348	1,558	1,198	611	197	501	229	711
Manufacturing industries (limestone and marble)	5,352	5,640	7,431	6,021	4,501	4,369	5,638	3,927	4,533
Agricultural limestone and other	3,944	3,983	6,147	6,967	3,490	4,808	6,045	3,835	5,500

[1] Quantities of stones not sold by the short ton are expressed in the approximate equivalent in short tons; expressed in their selling units the quantities are as follows for 1933: Building stone, 11,512,000 cubic feet; monumental stone, 2,007,000 cubic feet; paving blocks, 5,922,000; curbing, 689,000 cubic feet; and flagging, 181,000 cubic feet.

Source: Bureau of Mines, Department of the Interior.

No. 749.—CLAY PRODUCTS: PRODUCTION

Industry and product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1929	1931	1933	1929	1931	1933
CLAY PRODUCTS (EXCEPT POTTERY) AND NONCLAY REFRACTORIES							
Total value					294,488	127,468	64,841
Brick:							
Common	Number	5,505,359	2,314,664	1,019,810	58,733	21,652	8,816
Vitrified	do	367,650	207,386	63,111	7,504	4,266	1,224
Face	do	2,139,408	903,226	270,323	36,120	13,271	3,807
Enameled	do	17,137	8,605	4,292	1,259	484	172
Drain tile	Ton[1]	859	253	168	6,516	1,667	1,127
Sewer pipe	do	1,675	823	451	21,330	9,448	4,911
Architectural terra cotta	do	134	55	26	13,921	5,492	1,831
Hollow building tile or block	do	4,164	1,928	608	30,142	11,172	2,836
Tile (not drain):							
Roofing	Squares	371	285	103	3,944	3,125	911
Floor (including plain, vitreous, encaustic, quarry, etc.)	Sq. ft.	15,887	12,181	5,793	3,773	2,052	887
Ceramic mosaic (vitreous and semivitreous)	do	18,052	8,744	4,229	3,738	1,781	699
Faience (including art, enameled, and hand-decorated)	do	19,357	21,431	8,401	10,136	7,749	2,386
Wall (thin, white glazed, etc.)	do	30,443	17,716	9,930	11,254	4,993	1,552
Stove lining	Ton[1]	17	9	6	468	317	224
Fire-clay products (shaped):							
Brick, block, etc.[2]	Number	902,129	423,061	382,076	38,284	16,419	13,834
Special shapes	Ton[1]	182	127	107	4,092	3,068	2,293
All other clay products					14,068	6,344	5,260
Silica brick	Number	294,402	103,557	110,889	15,165	5,132	4,655
Other nonclay refractories					14,041	9,036	7,415
POTTERY							
Total value					112,019	66,583	44,024
Red earthenware (flower pots, etc.)					2,798	2,034	1,207
Stoneware (except chemical) and yellow and Rockingham ware					4,144	3,300	2,222
White ware, cream color, white granite, semiporcelain, and semivitreous porcelain					32,057	20,108	15,005
Hotel china					10,476	6,595	5,008
Vitreous china plumbing fixtures					24,992	12,894	7,709
Porcelain electrical supplies					22,136	13,154	7,056
Saggers					1,308	645	326
All other products					14,098	7,853	5,491

[1] Of 2,000 pounds.
[2] Brick, block, or tile for locomotive and other fire-box lining, etc. (9-inch equivalent); and high alumina brick.

No. 750.—GLASS AND GLASSWARE: PRODUCTION

Product	Quantity (thousands of square feet)				Value (thousands of dollars)	
	1929	1931 As published; comparable with 1929	1931 Comparable with 1933[1]	1933 Reported on standard schedule[1]	1931 Comparable with 1933[1]	1933 Reported on standard schedule[1]
Total value					208,604	184,509
Window glass	402,559	266,772	258,217	249,442	9,908	10,457
Obscured glass, including cathedral and skylight glass and opalescent sheet glass	34,294	17,796	15,659	19,858	2,137	2,501
Wire glass, rough and polished	42,817	15,664	14,802		1,713	
Pressed and blown glass (except containers)					54,319	45,398
Containers					105,118	99,362
Plate glass, polished					25,765	26,702
Other glass products					9,555	

[1] For reason of adjustment, see last paragraph of general note, p. 715.

Source of tables 749 and 750: Bureau of the Census, Department of Commerce.

No. 751.—PRODUCTION OF PRINCIPAL BURNED-CLAY BUILDING MATERIALS

Year	Brick (millions)			Value (thousands of dollars)							
				Brick			Architectural terra cotta	Hollow building tile	Tile (not drain)	Sewer pipe	Fire brick
	Common	Vitrified [1]	Face	Common	Vitrified [1]	Face					
1915	6,851	953	856	42,145	12,231	9,536	4,796	7,801	5,186	11,259	15,800
1918	3,557	403	356	38,782	7,145	6,095	2,659	13,037	5,082	15,334	51,648
1919	4,752	489	791	63,585	11,615	16,033	3,988	17,965	8,137	16,755	38,016
1920	4,852	468	787	82,216	12,679	19,441	10,852	27,112	12,470	25,371	53,416
1921	4,448	502	873	57,096	12,870	18,128	9,068	14,841	12,560	22,155	24,533
1922	5,899	517	1,417	72,013	10,816	28,234	12,410	19,708	16,597	23,600	31,567
1923	7,282	699	1,931	94,473	15,570	38,892	16,486	28,275	23,804	29,103	46,677
1924	7,159	554	2,030	86,692	12,974	39,931	16,446	24,998	24,842	32,400	40,021
1925	7,562	539	2,475	88,551	11,878	45,428	19,139	29,264	27,124	30,421	41,164
1926	7,517	468	2,440	88,227	10,285	44,516	19,667	27,818	34,985	29,303	42,707
1927	7,061	503	2,413	78,408	10,764	41,521	16,628	26,499	32,766	29,426	38,174
1928	6,413	378	2,412	69,333	7,800	40,034	13,642	25,792	31,523	23,969	37,392
1929	5,505	368	2,139	58,733	7,504	36,120	13,921	30,142	32,846	21,330	42,376
1930	3,631	300	1,482	37,433	6,247	24,615	10,016	22,210	23,934	15,964	36,054
1931	2,315	207	903	21,652	4,266	13,271	5,492	11,172	19,700	9,448	19,487
1932	1,013	133	384	8,705	2,642	5,273	2,317	4,289	8,108	3,745	9,924
1933	1,020	93	270	8,816	1,224	3,807	1,831	2,836	6,435	4,911	10,127
1934 [2]	1,078	113	302	11,202	2,412	3,647	1,111	3,845	6,393	7,438	18,893

[1] Vitrified brick or block. [2] Preliminary.

Sources: Bureau of the Census and Bureau of Mines, Departments of Commerce and the Interior.

No. 752.—SALT: PRODUCTION, BY STATES AND KINDS; EXPORTS AND IMPORTS

NOTE.—All quantity figures in short tons (2,000 pounds). Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption

Year	Production	Exports	Imports	Year	Production	Exports	Imports
1880	834,548	1,642	509,703	1924	6,803,115	144,945	88,938
1885	985,411	2,108	440,290	1925	7,397,500	155,079	85,788
1890	1,242,779	2,464	257,323	1926	7,371,600	158,908	55,964
1895	1,913,751	3,602	279,576	1927	7,568,690	153,832	44,968
1900	2,921,708	7,511	199,909	1928	8,074,700	145,396	42,856
1905	3,635,257	34,238	161,159	1929	8,543,560	109,222	30,450
1910	4,242,792	49,013	137,103	1930	8,054,440	70,478	64,021
1915	5,352,409	80,474	122,326	1931	7,358,070	98,710	33,216
1920	6,840,029	139,272	137,654	1932	6,407,973	63,581	28,018
1922	6,792,849	134,989	113,922	1933	7,604,972	105,178	30,132
1923	7,130,713	125,529	88,750	1934	7,612,074	105,365	53,124

State or kind	1910	1915	1920	1925	1930	1933	1934
Production, total	4,242,792	5,352,409	6,840,029	7,397,500	8,054,440	7,604,972	7,612,074
By States:							
Michigan	1,323,283	1,762,430	2,262,915	2,172,600	2,558,290	2,090,254	2,012,370
New York	[1] 1,629,953	1,570,446	1,903,101	2,053,970	2,009,280	1,847,696	1,866,280
Ohio	514,339	823,234	1,057,802	1,173,590	1,311,440	1,382,294	1,432,292
Kansas	393,603	527,123	783,655	812,540	759,800	732,947	768,133
Louisiana	(1)	(2)	265,085	500,350	535,250	532,569	527,289
California	131,252	140,784	212,008	292,480	350,370	331,009	341,893
Texas	53,503	92,297	91,103	(2)	(2)	165,603	208,979
Utah	34,979	55,279	75,259	88,150	85,240	56,305	(2)
West Virginia	21,788	32,513	29,802	25,870	28,670	63,818	66,766
Undistributed	140,093	372,303	159,299	277,950	416,100	402,477	348,072
By kinds:							
Manufactured (evaporated)	1,953,069	2,335,823	2,409,924	2,235,170	2,358,610	2,358,954	2,281,453
In brine	1,314,492	1,851,199	2,819,916	2,819,690	3,718,460	3,401,026	3,417,439
Rock salt	975,231	1,165,387	1,610,189	2,342,640	1,977,370	1,784,992	1,913,182
Total value (dollars)	7,900,344	11,747,686	23,894,075	26,162,361	25,009,480	22,318,086	22,850,797

[1] Louisiana is included with New York. [2] Included in "Undistributed."

Source: Bureau of Mines, Department of the Interior.

No. 753.—ACCIDENT RATES IN ALL BRANCHES OF THE MINERAL INDUSTRY, 1921 TO 1933

Year	Average days active	Men employed		Man shifts	Number killed	Number injured[1]	Number killed or injured per thousand 300-day workers	
		Actual number	Equivalent in 300-day workers				Killed	Injured[1]
1921	188	1,044,001	653,414	196,024,209	2,381	35,416	3.6	198.0
1922	174	1,092,863	635,299	190,589,710	2,529	46,307	4.0	201.1
1923	222	1,153,894	852,145	255,643,525	3,071	59,570	3.6	203.9
1924	220	1,073,630	787,065	236,119,757	3,031	57,766	3.9	201.1
1925	222	1,049,579	777,896	233,368,875	2,826	58,704	3.6	197.2
1926	242	1,058,843	855,632	256,689,813	3,201	52,762	3.7	178.1
1927	225	1,044,537	782,635	234,790,200	2,797	45,618	3.6	163.2
1928	231	951,449	733,728	220,118,341	2,629	38,717	3.6	146.1
1929	243	928,648	752,809	225,842,583	2,728	38,806	3.6	143.1
1930	217	888,514	641,749	192,524,971	2,492	130,580	3.9	203.5
1931	188	784,347	492,009	147,602,799	1,707	96,412	3.5	196.0
1932	165	671,343	368,852	110,655,616	1,368	68,717	3.7	180.3
1933	181	677,722	409,292	122,787,658	1,242	72,342	3.0	176.7

[1] Excluding coal mines prior to 1930. Data excluding coal mines are: Number injured, 1930, 26,759; 1931, 16,063; 1932, 9,745; 1933, 11 029; number injured per thousand 300-day workers, 1930, 117.0; 1931, 99.7; 1932, 91.0; 1933, 98.6.

Source: Bureau of Mines, Department of the Interior.

No. 754.—ACCIDENTS IN MINERAL INDUSTRIES: BY GROUPS OF INDUSTRIES

NOTE.—Figures for metal mines include mines producing nonmetallic minerals other than coal

Year	Number employed		Killed	Injured	
	Actual number	Equivalent in 300-day workers		Temporary	Permanent
Metal mines:					
1915	152,118	141,997	553	34,686	609
1920	136,583	134,540	425	32,205	357
1924	123,128	119,113	418	32,706	412
1925	126,713	123,908	371	34,458	674
1926	127,823	123,870	430	29,773	577
1927	119,699	113,447	352	24,605	528
1928	113,866	109,345	273	21,914	569
1929	118,735	115,394	350	22,615	477
1930	103,233	92,900	271	15,091	503
1931	80,940	62,405	158	8,402	307
1932	53,288	36,984	107	4,837	177
1933	57,016	38,807	95	5,793	132
Quarries:					
1915	100,740	82,447	148	9,148	523
1920	86,488	77,089	178	10,880	337
1924	94,242	84,426	138	14,307	470
1925	91,872	83,487	149	13,713	452
1926	91,146	82,361	154	12,770	431
1927	91,517	82,609	135	13,094	365
1928	89,067	81,325	119	10,207	361
1929	85,561	76,559	126	9,510	300
1930	80,633	68,531	105	7,152	265
1931	69,200	51,755	61	5,222	205
1932	56,866	37,047	32	3,464	110
1933	61,927	37,874	59	3,526	111
Metallurgical plants:					
1916	80,201	88,596	83	14,863	217
1920	59,232	65,887	61	8,714	149
1924	56,196	62,948	55	8,132	94
1925	58,935	66,220	44	7,480	231
1926	57,726	65,687	48	7,052	227
1927	53,477	60,291	54	5,533	208
1928	45,695	52,668	44	4,473	181
Metallurgical plants—Con.					
1929	47,399	53,587	43	4,368	206
1930	40,787	44,403	25	2,570	156
1931	28,038	28,806	16	1,304	89
1932	21,564	18,474	8	778	59
1933	21,999	19,583	13	1,018	61
Coke ovens:					
1916	31,603	34,119	45	5,154	83
1920	28,139	29,921	49	3,336	79
1924	20,451	20,681	24	1,607	38
1925	23,254	24,054	28	1,652	44
1926	23,115	24,288	51	1,874	48
1927	20,667	23,223	25	1,232	53
1928	19,390	21,710	17	979	33
1929	22,459	25,724	22	1,293	36
1930	19,855	22,936	28	990	32
1931	15,564	18,163	9	499	35
1932	12,002	13,802	14	298	22
1933	13,598	15,609	11	366	22
Coal mines:					
1911	728,348	534,122	2,656	(1)	(1)
1915	734,008	511,598	2,209	(1)	(1)
1920	784,621	601,283	2,272	(1)	(1)
1922	844,807	405,056	1,984	(1)	(1)
1923	862,536	560,000	2,462	(1)	(1)
1924	779,613	499,896	2,402	(1)	(1)
1925	748,805	480,227	2,234	(1)	(1)
1926	759,033	559,426	2,518	(1)	(1)
1927	759,177	503,065	2,231	(1)	(1)
1928	682,831	468,680	2,176	(1)	(1)
1929	654,494	481,545	2,187	(1)	(1)
1930	644,006	412,979	2,063	101,093	2,728
1931	589,705	330,880	1,463	78,478	1,871
1932	627,623	262,484	1,207	57,445	1,527
1933	523,182	297,419	1,064	59,972	1,341
1934	(1)	(1)	1,185	(1)	(1)

[1] Not available.

Source: Bureau of Mines, Department of the Interior.

32.—MANUFACTURES

[Data in this section relate to continental United States. For additional statistics regarding food manufacturing industries and mineral manufacturing industries see sections on Farm Animals and Animal Products, Farm Crops and Foodstuffs, and Mining and Mineral Products]

GENERAL NOTE.—Prior to 1890 census statistics of manufactures were collected decennially and from then to 1919 every five years. Beginning with 1921 data are being collected every two years. For the census of 1899 and previous censuses data were collected for both factories and hand and neighborhood industries. For the census years 1904 to 1919, inclusive, factories having products valued at $500 or more were included, but the statistics beginning 1921 (except as to certain major items shown for that year in table 757 only), relate only to establishments having products valued at $5,000 or more. However, in 1921, establishments having products valued at $500 or more but less than $5,000, while constituting 21.6 per cent of the total number of establishments, employed only six-tenths of 1 per cent of the total number of wage earners, and had an output of only three-tenths of 1 per cent of the total value of products.

The value of products represents the selling value at the factory. Figures of total cost of materials, etc., and total value of products for many individual industries, for all groups of industries, and especially for all industries combined, involve much duplication. This is due to the use of products of a given establishment as material for another in the same or a different industry.

The statistics for automobile repairing, collected for 1914 and 1919, have been excluded from tables 755 and 757. Figures in the third section of table 755 and in table 761 have been revised to exclude data for "Coffee and spices, roasting and grinding" for all years and "Peanuts, walnuts, and other nuts, processed or shelled", beginning 1927, no data having been collected for these industries at the 1933 Census. These revisions have not been made in tables 757 and 758. As there are no comparable figures for "Peanuts, walnuts, etc.," for years prior to 1927, no adjustment for this industry can be made in figures for earlier years. Data for "Poultry killing, dressing, and packing, wholesale" are included for all years except 1927, for which year this industry was not canvassed. In table 755, data for central-administrative-office employees have been excluded beginning 1923. The figures for 1914, 1919, and 1921, however, include such data.

At the census for 1933 the smaller establishments in many industries were canvassed by means of an abridged schedule which did not call for detailed data on production, and therefore the production figures (derived from data reported on the standard schedules) for certain industries are somewhat incomplete. In cases in which the degree of incompleteness was sufficient to affect the comparableness of the statistics for different census years, the figures for 1931 have been adjusted so as to make them comparable with those for 1933.

No. 755.—MANUFACTURES: SUMMARY, 1849 TO 1933

	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	Horsepower	Salaries	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture
	In thousands				In millions of dollars				
Factories and hand and neighborhood industries:									
1849	123	(1)	957	(2)	(1)	237	555	1,019	464
1850	140	(1)	1,311	(2)	(1)	379	1,032	1,886	854
1869	252	(1)	2,054	[3] 2,346	(1)	620	1,991	3,386	1,395
1870	254	(1)	2,733	[3] 3,411	(1)	948	3,397	5,370	1,973
1889	355	(1)	4,252	[3] 5,939	(1)	1,891	5,162	9,372	4,210
1899	512	(1)	5,306	[3] 10,098	(1)	2,321	7,344	13,000	5,657
Factories, excluding hand and neighborhood industries and establishments with products valued at less than $500:									
1899	208	364	4,713	(4)	381	2,008	6,576	11,407	4,831
1904	216	520	5,468	[3] 13,488	574	2,610	8,500	14,794	6,294
1909	268	790	6,615	[3] 18,675	939	3,427	12,143	20,672	8,529
1914	273	963	7,024	[3] 22,421	1,274	4,068	14,359	24,217	9,858
Factories, excluding establishments with products valued at less than $5,000:									
1914	176	[5] 956	6,888	[5] 22,264	[5] 1,266	[5] 4,063	14,152	23,837	9,675
1919	214	[5] 1,429	8,990	[5] 29,298	[5] 2,804	[5] 10,463	36,989	61,737	24,748
1921	196	1,141	6,938	(2)	2,551	8,193	25,155	43,427	18,272
1923	196	1,350	8,768	33,057	3,001	10,999	34,481	60,258	25,778
1925	187	1,260	8,384	35,773	2,922	10,730	35,936	62,714	26,778
1927	191	1,296	8,334	38,769	3,216	10,836	34,803	62,278	27,476
1929	210	1,364	8,822	42,869	3,582	11,607	38,178	69,961	31,783
1931	174	(3)	6,507	(2)	(2)	7,173	21,681	41,038	19,358
1933	142	803	6,056	(2)	1,357	5,262	16,821	31,359	14,538

[1] No comparable data. [2] Data not collected. [3] Includes purchased power other than electric.
[4] Data approximately the same as given for factories and hand and neighborhood industries, as the amount of horsepower used in the latter is small.
[5] Includes data for all establishments reporting products valued at $500 or more. This item was not tabulated separately for establishments reporting products valued between $500 and $5,000.

Source: Bureau of the Census, Department of Commerce.

No. 756.—MANUFACTURES: ESTABLISHMENTS CLASSIFIED ACCORDING TO AVERAGE NUMBER OF WAGE EARNERS

Number of wage earners	1929				1933			
	Establishments	Average number of wage earners	Percent of total		Establishments	Average number of wage earners	Percent of total	
			Establishments	Wage earners			Establishments	Wage earners
Total	209,862	8,821,757	100.0	100.0	141,769	6,055,736	100.0	100.0
None	7,395		3.5		4,518		3.2	
1 to 5	95,204	278,391	45.4	3.1	57,152	158,275	40.3	2.6
6 to 20	53,212	592,402	25.3	6.7	40,176	445,088	28.3	7.4
21 to 50	24,893	810,305	11.9	9.2	18,576	600,670	13.1	9.9
51 to 100	12,426	888,802	5.9	10.1	9,202	659,347	6.5	10.9
101 to 500	14,016	2,917,345	6.7	33.1	10,304	2,126,216	7.3	35.1
501 to 2,500	2,510	2,319,258	1.2	26.3	1,661	1,519,974	1.2	25.1
2,501 or more	206	1,015,254	.1	11.5	120	546,166	.1	9.0

No. 757.—MANUFACTURES: ESTABLISHMENTS, CLASSIFIED BY VALUE OF PRODUCTS [1]

NOTE.—See general note, p. 715. Data by size of establishments not compiled for 1927, 1931, and 1933

Class of establishments according to value of products	Establishments		Wage earners		Value of products	
	Number	Percent distribution	Average number	Percent distribution	Amount	Percent distribution
Less than $5,000: [2]						
1921	[3] 53,999		[3] 40,924	0.6	[3] $136,926,075	0.3
1919	60,215		41,252	.5	151,631,298	.2
1914	95,408		127,495	1.8	228,653,956	.9
$5,000 and over:						
1929	210,959	100.0	8,838,743	100.0	70,434,363,443	100.0
1925	187,390	100.0	8,384,261	100.0	62,713,713,730	100.0
1923	196,309	100.0	8,778,156	100.0	60,555,998,200	100.0
1921	196,267	100.0	6,946,570	99.4	43,663,282,833	99.7
1919	214,383	100.0	9,000,059	99.5	62,041,795,316	99.8
1914	177,110	100.0	6,896,190	98.2	23,987,860,617	99.1
$5,000 to $20,000:						
1929	69,423	32.9	202,958	2.3	771,417,436	1.1
1925	55,876	29.8	156,373	1.9	628,373,403	1.0
1923	61,981	31.6	189,738	2.2	697,996,736	1.1
1921	71,075	36.2	224,852	3.2	782,977,433	1.8
1919	79,699	37.2	227,977	2.5	866,086,290	1.4
1914	86,587	48.9	423,829	6.0	893,459,106	3.7
$20,000 to $100,000:						
1929	75,225	35.7	693,155	7.8	3,587,697,276	5.1
1925	68,951	36.8	660,309	7.9	3,272,196,872	5.2
1923	72,370	36.9	718,746	8.2	3,426,433,520	5.7
1921	72,251	36.8	746,024	10.7	3,330,350,409	7.6
1919	75,627	35.3	773,701	8.6	3,487,756,280	5.6
1914	56,557	31.9	995,743	14.2	2,540,949,905	10.5
$100,000 to $500,000:						
1929	44,153	20.9	1,672,983	18.9	10,023,771,653	14.2
1925	42,209	22.5	1,675,911	20.0	9,576,090,022	15.3
1923	42,075	21.4	1,721,266	19.6	9,496,592,898	15.7
1921	38,027	19.4	1,629,573	23.3	8,405,758,540	19.2
1919	39,447	18.4	1,712,854	18.9	8,929,364,110	14.4
1914 [4]	30,147	17.0	3,000,612	42.7	8,759,391,117	36.2
$500,000 to $1,000,000:						
1929	10,395	4.9	1,121,547	12.7	7,294,860,945	10.4
1925	9,771	5.2	1,131,439	13.5	6,870,112,293	11.0
1923	9,556	4.9	1,134,897	12.9	6,752,818,172	11.1
1921	7,581	3.9	966,559	13.8	5,296,720,583	12.1
1919	9,197	4.2	1,112,815	12.3	6,457,485,019	10.4
1914	[5]		[5]		[5]	
$1,000,000 and over:						
1929	11,763	5.6	5,148,100	58.3	48,757,116,133	69.2
1925	10,583	5.7	4,760,229	56.7	42,366,941,140	67.5
1923	10,327	5.2	5,013,509	57.1	40,182,156,374	66.4
1921	7,333	3.7	3,379,562	48.4	25,837,475,868	59.0
1919	10,413	4.9	5,172,712	57.2	42,301,103,617	68.0
1914	3,819	2.2	2,476,005	35.3	11,794,060,929	48.7

[1] To make the percentages for the number of establishments comparable, those for all 6 years have been based on the number of establishments reporting products valued at $5,000 or more. The percentages for other items, however, have not been similarly adjusted, the comparability of these percentages having been affected very slightly by the omission of small establishments in 1923, 1925, and 1929.

[2] No data for establishments with products under $5,000 in value have been collected since 1921.

[3] Data for these 53,999 establishments are not included in other tables showing statistics for 1921.

[4] Includes data for the $500,000 to $1,000,000 class. [5] Data included with the $100,000 to $500,000 class.

Source of tables 756 and 757: Bureau of the Census, Department of Commerce.

No. 758.—MANUFACTURES: Prime Movers, Motors, and Generators, Number and Rated Capacity

Note.—See general note, p. 715. No data for prime movers were collected for 1931 and 1933

Year, division, and industry group	Establishments reporting power equipment	Prime movers and electric motors driven by purchased energy									Electric motors driven by energy generated in establishments reporting		Electric generators	
		Aggregate horsepower	Steam engines and turbines		Internal combustion engines		Water wheels and water turbines		Electric motors driven by purchased energy					
			Number	Horsepower	Number	Horsepower	Number	Horsepower	Number	Horsepower	Number	Horsepower	Number	Kilowatts
United States:														
1929	193,969	42,931,061	77,225	17,361,926	11,288	1,233,853	6,523	1,559,618	2,724,843	22,775,664	852,432	12,376,376	17,270	7,793,875
1927	174,118	38,325,681	73,382	16,923,931	12,664	1,170,774	7,594	1,598,666	2,151,675	19,132,310	790,810	11,219,979	19,028	7,345,685
1925	167,649	35,772,628	82,176	16,916,856	14,362	1,186,116	8,393	1,800,828	1,724,180	15,868,328	772,445	10,254,745	23,635	6,887,045
1923	173,475	33,094,228	90,057	16,700,993	15,721	1,224,262	9,293	1,903,310	1,445,003	13,365,663	616,422	8,321,551	(1)	(1)
1929														
New England	16,953	4,686,822	5,823	1,680,519	600	35,738	2,546	742,398	299,089	2,228,167	140,722	1,336,725	2,557	1,010,837
Middle Atlantic	58,812	11,623,682	17,003	4,904,163	2,372	340,381	1,434	248,183	803,620	6,130,955	256,518	3,618,960	4,719	1,955,256
East North Central	42,845	12,602,451	16,694	5,173,593	2,132	409,876	1,008	240,792	812,193	6,778,190	262,181	4,314,421	4,749	2,564,286
West North Central	16,614	2,210,192	5,096	763,032	923	76,394	242	84,658	163,371	1,286,108	37,307	512,188	1,155	397,545
South Atlantic	19,011	4,318,015	12,388	1,744,461	1,827	152,423	884	153,562	255,163	2,267,569	73,840	1,050,273	1,439	778,208
East South Central	9,395	1,999,354	6,962	934,783	1,170	40,090	138	10,096	95,196	1,014,385	26,344	338,983	760	294,894
West South Central	9,919	1,749,555	6,438	860,613	1,227	118,041	17	820	73,906	770,081	16,118	371,123	928	280,322
Mountain	3,974	938,689	1,784	445,035	345	22,400	65	7,386	33,927	463,868	10,308	248,163	339	181,273
Pacific	16,446	2,802,301	5,032	855,727	642	38,510	189	71,723	183,378	1,836,341	28,594	535,540	625	341,254
Food and kindred products	53,457	4,607,913	15,268	1,459,719	3,807	213,859	1,870	102,360	356,621	2,831,975	67,938	642,530	2,854	475,695
Textiles and their products	25,706	4,145,998	3,942	1,572,940	207	18,746	1,560	397,639	486,793	2,156,673	160,246	1,044,623	2,546	973,891
Forest products	24,912	3,674,204	22,057	2,308,514	2,179	64,396	532	48,951	161,803	1,252,343	75,085	900,862	2,038	634,028
Paper and allied products	2,940	3,168,804	3,202	1,316,808	108	19,136	1,725	871,408	68,591	959,452	53,177	1,248,776	1,499	968,021
Printing, publishing, and allied industries	24,072	649,441	417	40,088	207	3,150	5	7	255,791	606,196	8,468	31,002	167	22,615
Chemicals and allied products	6,940	2,312,295	4,619	1,032,488	500	31,369	84	20,289	102,966	1,228,149	53,939	553,039	1,130	451,509
Products of petroleum and coal	1,369	1,755,258	10,104	1,066,904	651	72,954	9	2,300	26,509	613,100	22,031	604,471	463	332,507
Rubber products	509	821,312	370	245,031	10	838	20	3,080	33,266	572,363	11,832	240,921	134	150,569
Leather and its manufactures	4,014	436,342	1,000	188,973	65	5,570	33	6,105	59,127	235,694	15,781	119,994	545	110,021
Stone, clay, and glass products	7,938	2,854,402	2,965	932,769	1,520	97,796	77	25,080	96,430	1,798,757	29,615	812,862	1,019	579,134
Iron, steel, and products, excl. machinery	6,503	9,200,822	6,092	4,778,047	566	610,967	159	19,662	222,667	3,792,146	130,512	4,106,875	1,573	1,761,940
Nonferrous metals and their products	6,522	1,570,217	834	501,330	154	8,645	55	7,194	97,620	1,053,048	23,635	343,572	446	252,357
Machinery, excl. transportation equipment	12,634	3,647,343	2,161	753,381	801	59,674	278	18,855	393,554	2,815,433	101,601	793,463	1,389	480,461
Transportation equipment—air, land, water	2,516	2,271,192	1,353	521,417	220	11,596	19	29,531	196,548	1,708,648	49,949	481,682	440	310,072
Railroad repair shops	1,965	1,153,147	1,892	437,538	102	4,424	5	150	47,460	711,035	19,766	278,247	562	179,664
Miscellaneous	11,972	664,371	949	205,979	191	10,733	92	7,007	119,097	440,652	28,807	173,457	466	111,391

[1] Not called for on schedule.

Source: Bureau of the Census, Department of Commerce.

No. 759.—SUMMARY BY 16 GENERAL GROUPS OF INDUSTRIES

NOTE.—See general note, p. 715

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
All industries	1933	141,769	6,055,736	5,261,576	16,820,822	31,358,840	14,538,018	(1)
	1931	174,255	6,506,701	7,173,232	21,680,760	41,038,402	19,357,643	(1)
	1929	209,862	8,821,757	11,607,287	38,177,900	69,960,910	31,783,010	42,869,403
	1927	190,938	8,334,184	10,835,978	34,802,594	62,278,116	27,475,523	38,769,183
	1925	187,390	8,384,201	10,729,969	35,935,648	62,713,714	26,778,066	35,772,628
	1923	195,580	8,768,491	10,999,282	34,480,854	60,258,471	25,777,616	33,056,870
	1921	195,555	6,937,688	8,192,952	25,154,807	43,427,224	18,272,417	(1)
1. Food and kindred products.[2]	1933	40,285	666,237	620,558	4,210,015	6,604,036	2,394,021	(1)
	1931	47,767	635,359	725,669	5,315,248	7,958,362	2,643,113	(1)
	1929	55,277	737,931	890,866	8,296,258	11,606,368	3,310,110	4,561,020
	1927	48,900	665,279	812,445	7,803,405	10,612,293	2,808,888	4,086,735
	1925	48,171	666,420	795,781	7,789,007	10,479,678	2,690,671	3,893,719
	1923	51,186	674,049	787,553	6,786,732	9,275,354	2,478,622	3,696,731
	1921	51,506	619,292	738,938	5,980,646	8,074,617	2,087,842	(1)
2. Textiles and their products.	1933	19,265	1,474,325	1,017,301	2,533,168	4,811,238	2,278,070	(1)
	1931	23,750	1,420,808	1,238,170	3,019,986	5,849,032	2,829,046	(1)
	1929	27,404	1,707,798	1,733,031	5,103,846	9,243,303	4,139,457	4,145,998
	1927	26,843	1,694,416	1,759,958	4,922,716	8,950,473	4,027,757	4,173,438
	1925	24,450	1,628,283	1,654,814	5,349,925	9,126,155	3,776,230	3,986,522
	1923	26,763	1,715,293	1,743,798	5,394,441	9,462,282	4,067,841	3,783,401
	1921	25,955	1,509,738	1,472,352	3,801,090	6,956,465	3,155,375	(1)
3. Forest products[3]	1933	12,295	454,171	289,097	509,182	1,127,405	618,223	(1)
	1931	16,016	509,665	440,176	763,631	1,646,922	883,291	(1)
	1929	26,724	806,599	926,201	1,559,732	3,531,282	1,971,550	3,645,711
	1927	20,004	854,957	919,303	1,611,552	3,404,762	1,793,210	3,308,241
	1925	21,759	911,906	965,883	1,700,607	3,631,461	1,930,854	3,449,673
	1923	21,546	923,331	951,802	1,644,700	3,583,309	1,938,609	3,319,100
	1921	21,282	697,556	663,301	1,181,314	2,423,847	1,242,532	(1)
4. Paper and allied products.	1933	2,697	196,380	172,842	654,647	1,172,743	518,096	(1)
	1931	2,883	194,581	214,337	758,010	1,357,582	599,572	(1)
	1929	3,126	233,393	287,331	1,092,722	1,892,251	799,529	3,166,804
	1927	2,972	224,437	272,154	1,082,363	1,785,998	703,634	2,813,604
	1925	2,727	221,502	263,097	919,657	1,546,814	627,157	2,574,707
	1923	2,685	219,026	250,144	878,764	1,456,970	578,206	2,313,562
	1921	2,600	184,756	202,703	669,070	1,071,800	402,730	(1)
5. Printing, publishing, and allied industries.	1933	19,395	264,106	355,625	377,845	1,733,437	1,355,593	(1)
	1931	24,918	316,769	538,011	581,021	2,497,214	1,916,194	(1)
	1929	27,522	357,988	636,371	766,484	3,170,140	2,403,656	649,441
	1927	25,433	328,603	580,183	755,038	2,859,860	2,104,823	569,528
	1925	23,826	315,264	542,419	694,577	2,596,871	1,902,294	486,087
	1923	23,114	307,993	492,906	665,654	2,315,318	1,649,664	429,967
	1921	22,777	282,500	434,728	663,300	2,078,764	1,415,464	(1)
6. Chemicals and allied products.[2]	1933	6,527	237,480	220,771	968,473	2,117,513	1,149,041	(1)
	1931	7,444	230,370	263,271	1,255,459	2,650,635	1,395,176	(1)
	1929	8,224	279,198	351,984	1,935,058	3,702,672	1,767,614	2,297,530
	1927	7,500	252,106	316,027	1,782,509	3,315,228	1,532,659	1,840,049
	1925	7,224	243,152	294,425	1,790,263	3,150,089	1,359,826	1,736,714
	1923	7,129	244,950	286,836	1,682,215	2,884,731	1,212,515	1,643,164
	1921	7,243	198,040	222,289	1,328,942	2,192,371	869,558	(1)
7. Products of petroleum and coal.	1933	1,211	110,453	144,649	1,285,561	1,871,494	585,933	(1)
	1931	1,317	120,146	182,368	1,551,734	2,264,817	713,083	(1)
	1929	1,497	147,216	229,050	2,546,840	3,647,748	1,100,908	1,755,258
	1927	1,418	141,655	217,485	2,262,699	3,060,226	797,527	1,513,314
	1925	1,582	136,366	210,034	2,356,583	3,230,009	873,425	1,241,877
	1923	1,659	138,330	212,882	1,981,370	2,778,888	797,518	1,092,914
	1921	1,560	115,006	180,452	1,760,805	2,372,039	611,235	(1)
8. Rubber products	1933	408	106,283	99,117	211,397	472,744	261,347	(1)
	1931	453	99,259	112,596	252,867	614,265	361,398	(1)
	1929	525	149,148	207,306	578,678	1,117,460	538,783	821,312
	1927	516	141,997	198,074	660,370	1,225,077	564,707	790,622
	1925	530	141,869	191,286	721,730	1,260,805	539,075	659,691
	1923	529	137,868	182,084	501,163	958,518	457,355	605,634
	1921	496	103,273	123,613	377,879	704,903	327,024	(1)

For footnotes see p. 719.

No. 759.—Summary by 16 General Groups of Industries—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
9. Leather and its manufactures.	1933	3,265	282,000	222,487	544,737	996,773	452,036	(1)
	1931	3,702	272,757	262,130	666,200	1,189,876	523,676	(1)
	1929	4,285	318,472	359,461	1,132,022	1,906,201	774,179	436,424
	1927	4,272	316,081	364,537	1,088,816	1,869,615	780,799	419,843
	1925	4,252	314,128	355,419	1,013,013	1,764,017	751,005	413,331
	1923	4,880	344,745	388,811	1,083,647	1,880,828	797,181	413,332
	1921	4,827	280,363	314,652	934,825	1,545,207	610,382	(1)
10. Stone, clay, and glass products.	1933	4,528	173,000	142,142	212,155	608,699	396,545	(1)
	1931	6,408	222,856	248,860	316,468	925,318	608,850	(1)
	1929	8,514	328,417	432,817	526,340	1,561,415	1,035,075	[2] 2,854,402
	1927	8,673	350,017	464,273	594,774	1,612,549	1,017,774	2,709,131
	1925	8,478	363,036	467,012	603,427	1,640,652	1,037,225	2,348,157
	1923	8,317	361,692	453,567	573,472	1,563,121	989,648	1,936,054
	1921	8,347	262,990	307,065	428,259	1,033,091	604,832	(1)
11. Iron and steel and their products, not including machinery.	1933	5,133	554,108	500,379	1,400,830	2,463,001	1,062,171	(1)
	1931	5,965	597,953	705,125	1,806,370	3,277,406	1,471,035	(1)
	1929	6,640	880,882	1,380,987	3,862,873	7,137,928	3,275,055	9,200,822
	1927	6,340	834,967	1,263,812	3,544,615	6,197,595	2,652,980	8,322,730
	1925	6,063	850,783	1,283,841	3,734,085	6,460,222	2,726,138	7,518,726
	1923	6,353	892,185	1,324,173	4,152,741	6,827,670	2,674,929	[4] 7,250,009
	1921	6,251	571,426	730,875	2,140,171	3,455,541	1,315,370	(1)
12. Nonferrous metals and their products.	1933	4,919	188,271	166,722	641,127	1,068,753	427,627	(1)
	1931	6,310	208,855	240,177	862,187	1,449,262	587,074	(1)
	1929	7,522	314,741	443,467	2,465,444	3,597,058	1,131,614	1,570,217
	1927	6,761	272,667	393,185	1,783,213	2,677,107	893,894	1,226,411
	1925	7,006	276,616	382,652	1,948,438	2,839,550	891,112	1,162,140
	1923	7,501	297,798	395,079	1,767,638	2,637,160	869,522	1,171,102
	1921	7,353	212,680	256,803	886,265	1,408,059	521,795	(1)
13. Machinery, not including transportation equipment.[3]	1933	9,710	538,593	501,770	789,239	2,069,419	1,280,180	(1)
	1931	11,339	693,834	795,461	1,215,246	3,405,689	2,190,442	(1)
	1929	13,143	1,101,053	1,647,347	2,720,831	7,103,864	4,383,033	3,675,836
	1927	12,147	893,059	1,296,750	2,079,037	5,406,887	3,327,850	3,019,512
	1925	11,974	868,203	1,237,948	2,010,111	5,077,947	3,067,836	2,737,674
	1923	12,279	916,192	1,264,475	1,913,219	4,777,895	2,864,676	2,317,579
	1921	12,511	668,081	839,943	1,377,477	3,208,085	1,890,608	(1)
14. Transportation equipment, air, land, and water.	1933	1,551	307,373	319,316	1,292,290	2,058,195	765,906	(1)
	1931	2,058	373,759	468,609	1,736,928	2,898,626	1,161,698	(1)
	1929	2,550	583,355	943,222	3,683,148	6,047,209	2,364,061	2,271,192
	[5] 1927	2,537	494,905	803,293	2,907,949	4,693,972	1,786,022	2,027,686
	1925	2,778	550,578	908,488	3,389,101	5,451,753	2,062,652	1,888,961
	1923	3,873	606,328	963,939	3,394,505	5,333,479	1,938,975	1,624,468
	1921	4,273	405,773	591,334	1,803,011	3,018,154	1,215,143	(1)
15. Railroad repair shops.	1933	1,901	241,875	284,450	191,845	506,032	314,187	(1)
	1931	2,167	309,034	435,248	298,824	740,763	441,939	(1)
	1929	2,297	398,156	637,311	548,344	1,269,017	721,673	1,163,147
	1927	2,309	428,672	648,908	545,492	1,289,695	744,203	1,110,821
	1925	2,363	457,755	668,192	563,646	1,332,679	769,033	942,248
	1923	2,348	523,430	772,968	631,358	1,520,093	888,734	[4] 798,005
	1921	2,326	418,285	671,966	506,571	1,267,343	760,771	(1)
16. Miscellaneous industries.	1933	8,679	261,081	204,351	[6] 998,314	1,677,357	679,044	(1)
	1931	11,758	300,696	303,015	[6] 1,280,580	2,312,635	1,032,055	(1)
	1929	14,612	417,410	500,534	[7] 1,359,280	3,426,095	[7] 2,066,815	664,289
	1927	14,313	440,366	529,587	[7] 1,377,085	3,316,780	[7] 1,938,795	837,428
	1925	14,207	430,400	508,677	[7] 1,351,478	3,125,011	[7] 1,773,533	732,401
	1923	15,427	475,281	528,205	[7] 1,429,234	3,002,855	[7] 1,573,621	701,177
	1921	15,743	417,929	441,860	[7] 1,315,180	2,556,937	[7] 1,241,757	(1)

[1] Not called for on schedule.
[2] Figures for 1931 and prior years revised; data for alcoholic liquors industries transferred from group 6 to group 1. Group 1 also revised to exclude data for "Coffee and spice roasting and grinding" all years and "Peanuts, walnuts, and other nuts processed or shelled" for 1927 to 1931 (no comparable figures for the latter industry for earlier years); these industries were not canvassed in 1933.
[3] Figures for 1931 and earlier years revised; data for "Refrigerators and refrigerator cabinets exclusive of mechanical refrigerating equipment" transferred from group 3 to group 13.
[4] Revised; revision not carried into total for all groups.
[5] The decrease in the 1927 figures was chiefly due to practical ceasing of operations of a large company for a few months of the year.
[6] Includes internal revenue tax paid by tobacco manufacturers. This amounted to $422,027,000 in 1931, and $400,843,000 in 1933.
[7] The "Cost of materials" does not include internal revenue tax paid by tobacco manufacturers and the "Value added by manufacture" for these years is, therefore, overstated by the amount of this tax.

Source: Bureau of the Census, Department of Commerce.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES

NOTE.—The figures given in this table do not represent exactly the numbers of wage earners, values of products, etc., assignable to the classes of commodities from which the industries derive their names, as it is necessary for census purposes to classify each establishment as a whole in some one industry, according to its product of chief value, although in many cases a single establishment manufactures two or more classes of commodities. The figures for cost of materials and value of products for each group and each subgroup include considerable duplication due to the use of the products of one industry as the materials for another, and in some cases similar duplication occurs within an industry. No data for horsepower were collected for 1931 and 1933. For totals for all industries and for 16 great groups see table 759. Five census years have been shown for all industries that reported $200,000,000 or more in value of products or over 50,000 wage earners in 1929, and three census years for other industries, except as indicated by footnotes

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
FOOD AND KINDRED PRODUCTS								
Animal products, total.	1933	10,370	178,791	170,076	1,870,028	2,415,559	545,531	----------
	1931	11,922	171,063	208,922	2,671,813	3,353,725	681,912	----------
	1929	12,761	201,745	292,186	4,263,957	5,148,496	884,539	1,091,228
	1927	11,774	189,645	249,881	3,815,254	4,563,036	747,782	905,363
	1925	11,863	189,933	245,304	3,752,515	4,498,931	746,416	875,878
Butter	1933	3,166	16,498	15,062	316,843	385,512	68,669	----------
	1931	3,367	15,667	18,023	393,228	463,472	70,245	----------
	1929	3,527	19,097	24,198	635,874	746,418	110,544	164,413
	1927	3,519	20,096	25,553	637,337	739,011	101,674	145,973
	1925	3,493	17,758	22,263	603,397	683,593	80,196	126,872
Cheese	1933	2,157	3,141	2,910	46,791	57,334	10,542	----------
	1931	2,371	2,964	3,564	54,081	68,072	13,991	----------
	1929	2,758	3,401	4,583	92,727	110,645	17,918	24,730
Condensed and evaporated milk.	1933	436	6,331	6,100	90,698	131,086	34,388	----------
	1931	485	6,121	7,256	109,397	148,598	39,201	----------
	1929	535	7,065	8,796	163,787	209,110	45,323	85,258
	1927	464	7,300	9,191	159,080	200,086	40,406	63,969
	1925	402	7,118	8,391	140,041	171,247	31,206	53,937
Ice cream	1933	2,118	14,367	16,145	66,315	158,386	92,072	----------
	1931	2,948	17,810	25,416	110,504	268,515	158,011	----------
	1929	3,150	22,399	33,803	155,964	328,414	172,450	230,882
	1927	2,961	21,927	33,108	150,902	301,645	151,043	206,315
	1925	2,790	23,043	33,457	140,864	286,176	145,312	189,328
Meat packing, wholesale.	1933	1,078	113,193	112,266	1,202,539	1,490,085	287,546	----------
	1931	1,209	106,707	134,530	1,839,200	2,180,823	341,564	----------
	1929	1,277	122,505	165,867	2,974,128	3,434,654	460,526	524,989
	1927	1,250	119,095	161,584	2,663,740	3,057,216	393,475	489,576
	1925	1,269	120,422	159,355	2,625,192	3,050,286	425,094	441,516
Poultry killing, dressing, and packing, wholesale.	1933	437	7,471	4,862	51,853	66,157	14,304	----------
	1931	497	6,982	5,944	77,667	97,560	19,893	----------
	1929	485	7,769	7,285	106,866	130,161	23,296	13,500
Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.	1933	714	7,797	8,259	62,741	86,438	23,698	----------
	1931	741	6,242	8,366	59,272	84,333	25,060	----------
	1929	681	5,897	8,850	81,372	108,246	26,875	25,755
Canned and preserved fish, crabs, shrimps, oysters, and clams.	1933	264	9,993	4,473	26,248	40,560	14,311	----------
	1931	304	8,591	5,222	28,404	42,352	13,948	----------
	1929	348	13,612	8,799	53,240	80,849	27,609	21,692
Vegetable products except beverages, total.	1933	22,895	423,716	376,508	2,161,744	3,510,035	1,348,292	----------
	1931	27,443	414,051	451,559	2,518,798	4,177,353	1,658,555	----------
	1929	33,198	474,051	545,557	3,853,812	5,919,863	2,066,052	2,228,566
	1927	29,157	425,212	491,970	3,831,390	5,585,104	1,753,714	1,993,975
	1925	28,963	422,528	477,278	3,852,972	5,494,876	1,641,904	1,914,075
Canned and dried fruits and vegetables; preserves, jellies, fruit butters, pickles, and sauces.	1933	2,072	84,274	45,239	268,420	439,988	171,568	----------
	1931	2,535	80,184	54,001	322,005	513,001	190,996	----------
	1929	2,997	98,866	74,979	462,062	750,342	288,280	224,097
	1927	2,436	80,924	62,310	355,186	572,346	217,160	189,831
	1925	2,403	85,866	67,427	385,573	616,071	230,497	187,490
Chocolate and cocoa products, not including confectionery.	1933	54	6,460	6,115	41,572	67,754	26,182	----------
	1931	55	5,677	6,649	50,045	87,346	37,301	----------
	1929	59	6,249	7,778	79,549	119,541	39,991	63,236
Confectionery	1933	1,218	50,609	32,991	114,164	211,833	97,669	----------
	1931	1,566	51,262	42,153	144,748	284,157	139,409	----------
	1929	2,021	63,501	56,443	215,192	393,270	178,077	112,644
	1927	1,908	63,163	56,981	218,373	391,927	173,555	110,595
	1925	1,931	63,600	55,235	205,433	379,081	173,649	100,455

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
FOOD, ETC.—Contd.								
Chewing gum	1933	31	2,445	2,209	12,599	41,654	29,055	----------
	1931	35	2,147	2,464	16,824	51,340	34,516	----------
	1929	37	2,265	2,733	23,231	60,160	36,929	10,350
Flavoring extracts and flavoring sirups.	1933	383	2,287	2,184	20,323	54,160	33,836	----------
	1931	626	5,204	6,877	48,575	119,238	70,663	----------
	1929	642	5,041	7,071	55,518	129,086	73,568	33,838
Flour and other grain-mill products.	1933	1,932	23,207	22,591	438,671	574,210	135,539	----------
	1931	2,412	22,840	27,298	461,091	598,041	136,950	----------
	1929	4,022	27,028	35,072	868,873	1,060,269	191,397	641,456
	1927	4,035	29,982	37,559	972,711	1,148,760	176,049	641,608
	1925	4,413	31,988	39,700	1,125,379	1,298,015	172,636	669,910
Bread and other bakery products.	1933	14,830	182,382	196,672	427,465	919,778	492,313	----------
	1931	17,718	183,161	239,331	505,477	1,190,048	684,571	----------
	1929	20,785	200,841	274,562	737,100	1,526,111	789,011	355,523
	1927	18,129	171,995	236,226	693,235	1,394,700	701,464	284,244
	1925	17,684	160,411	219,606	668,017	1,268,195	600,178	227,286
Feeds, prepared, for animals and fowls.[1]	1933	710	8,701	7,866	122,070	161,343	39,273	----------
	1931	796	8,449	9,402	162,734	209,921	47,187	----------
	1929	750	10,223	12,821	327,920	402,753	74,833	170,482
	1927	447	7,632	9,703	244,676	299,793	55,117	115,856
Macaroni, spaghetti, vermicelli, and noodles.	1933	296	5,492	4,265	20,385	35,892	15,507	----------
	1931	309	4,764	4,474	20,311	36,225	15,914	----------
	1929	353	5,072	5,384	27,336	47,074	19,738	24,448
Oleomargarine (margarine) not made in meat-packing establishments.	1933	16	841	855	8,312	12,766	4,454	----------
	1931	32	1,043	1,352	15,269	22,818	7,548	----------
	1929	41	1,534	2,264	30,890	46,522	15,632	6,670
Food preparations, not elsewhere classified.	1933	802	10,664	8,992	100,609	152,754	52,144	----------
	1931	782	8,930	9,120	90,171	147,546	57,375	----------
	1929	862	10,616	11,658	96,388	171,861	75,473	30,716
Corn sirup, corn sugar, corn oil, and starch.	1933	28	7,591	8,575	47,420	93,361	45,941	----------
	1931	43	6,652	7,963	54,034	98,725	44,690	----------
	1929	35	6,730	9,873	104,285	165,984	61,699	84,086
Rice cleaning and polishing.	1933	50	1,636	1,022	22,697	30,683	7,987	----------
	1931	56	1,503	1,276	31,813	40,360	8,547	----------
	1929	60	1,589	1,449	38,444	48,794	10,350	22,901
Shortenings (other than lard), vegetable cooking oils, and salad oils.	1933	49	3,658	3,217	68,149	85,830	17,681	----------
	1931	50	3,092	4,011	99,841	115,302	15,461	----------
	1929	40	[2] 2,996	[2] 3,381	139,031	154,553	15,522	36,647
Sugar, beet	1933	84	10,706	10,884	76,127	127,133	51,006	----------
	1931	67	6,241	7,548	62,325	85,673	23,348	----------
	1929	82	7,496	10,021	70,961	108,553	37,592	146,393
Sugar, cane, not including products of refineries.	1933	67	2,371	1,228	11,594	18,233	6,639	----------
	1931	68	2,032	1,333	10,008	13,981	3,973	----------
	1929	70	2,319	1,642	12,223	18,326	6,103	66,779
Sugar refining, cane	1933	19	11,495	12,237	281,536	337,075	55,539	----------
	1931	19	11,855	15,547	335,033	395,303	59,370	----------
	1929	21	13,912	17,350	438,399	507,389	68,990	98,637
	1927	21	13,996	17,707	551,594	597,446	45,851	86,979
	1925	21	14,502	18,955	549,896	606,633	56,737	89,098
Malt	1933	30	848	1,283	20,662	27,923	7,261	----------
	1931	27	540	866	13,920	19,242	5,322	----------
	1929	28	590	1,057	18,924	23,603	4,679	18,098
Vinegar and cider	1933	121	844	724	3,943	6,631	2,687	----------
	1931	137	848	885	4,249	7,506	3,257	----------
	1929	172	979	1,022	6,016	10,450	4,434	8,674
Cereal preparations	1933	103	7,115	7,270	55,015	111,026	56,011	----------
	1931	111	7,018	9,005	69,427	141,583	72,157	----------
	1929	121	6,488	8,876	101,472	175,223	73,752	66,291
Beverages and ice, total.	1933	7,020	63,732	73,974	178,243	678,442	500,199	----------
	1931	8,402	50,215	65,188	124,637	427,284	302,647	----------
	1929	9,318	62,135	83,123	178,489	538,009	359,519	1,241,226
	1927	7,969	50,422	70,594	156,762	464,153	307,392	1,127,397
	1925	7,345	53,959	73,199	183,526	485,872	302,351	1,103,766

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[2] Revised; revision not carried into total.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
FOOD, ETC.—Contd.								
Beverages, nonalcoholic	1933	2,903	15,123	14,197	41,873	111,297	69,424	
	1931	4,250	23,905	30,082	76,045	212,567	136,522	
	1929	5,154	28,281	38,314	103,026	270,324	167,298	149,166
	1927	4,789	26,972	36,101	95,430	242,694	147,264	153,731
	1925	4,210	27,384	36,053	98,466	237,761	130,295	108,865
Ice, manufactured	1933	3,329	21,332	22,849	26,959	139,263	112,304	
	1931	4,111	25,217	33,656	35,078	192,027	156,949	
	1929	4,110	32,184	42,399	39,808	210,952	171,144	1,077,295
	1927	3,159	22,120	32,611	40,816	184,795	143,979	965,406
	1925	3,077	24,915	35,046	44,725	186,969	142,244	923,134
Liquors, distilled, and ethyl alcohol	1933	51	2,514	2,476	23,916	60,850	36,935	
	1931	27	997	1,331	13,132	21,741	8,608	
	1929	30	1,484	2,131	35,046	54,285	19,239	13,577
Liquors, vinous	1933	212	1,262	972	9,302	24,084	14,782	
	1931	14	96	119	381	940	568	
	1929	24	186	278	609	2,448	1,839	1,188
Liquors, malt [3]	1933	525	23,501	33,480	76,104	342,947	266,754	
TEXTILES AND THEIR PRODUCTS								
Textile-mill products, total [4]	1933	5,047	954,757	651,109	1,388,144	2,673,215	1,285,071	
	1931	6,111	886,979	744,568	1,495,283	2,964,568	1,469,275	
	1929	6,974	1,096,163	1,052,971	2,820,993	5,043,171	2,222,178	3,843,398
	1927	7,244	1,119,733	1,099,735	2,762,674	4,933,282	2,170,607	3,906,023
	1925	7,470	1,110,209	1,066,262	3,234,035	5,342,617	2,108,583	3,748,885
Cotton goods	1933	1,057	379,445	216,384	476,769	861,170	384,401	
	1931	1,140	329,962	219,680	404,855	805,792	400,937	
	1929	1,281	424,916	324,289	898,029	1,524,177	626,148	2,269,346
	1927	1,347	467,596	380,910	871,592	1,567,401	695,809	[2] 2,328,330
	1925	1,366	445,184	353,883	1,077,153	1,714,368	637,215	2,236,363
Cotton small wares	1933	172	13,237	10,059	17,558	38,890	21,331	
	1931	174	12,826	11,617	19,693	41,991	22,298	
	1929	202	15,281	15,449	33,636	65,170	31,534	27,308
Lace goods	1933	44	5,911	5,582	5,426	16,929	11,503	
	1931	42	6,043	6,289	6,123	19,162	13,040	
	1929	42	6,854	7,670	10,112	29,237	19,125	10,466
Knit goods	1933	1,577	189,698	132,030	237,661	498,350	260,689	
	1931	1,708	178,011	149,589	284,053	585,677	301,624	
	1929	1,888	208,488	210,714	456,701	899,717	443,016	181,879
	1927	1,869	190,283	188,163	424,099	816,620	392,521	177,216
	1925	1,987	186,668	168,683	453,926	809,960	356,034	176,630
Silk and rayon goods	1933	1,087	110,322	74,110	143,611	290,578	146,966	
	1931	1,211	109,225	97,409	212,847	422,772	209,925	
	1929	1,491	130,467	137,547	412,181	731,200	319,019	220,225
	1927	1,648	127,643	140,054	445,391	750,124	304,733	221,249
	1925	1,659	132,509	142,734	484,123	808,979	324,857	212,609
Woolen goods	1933	344	48,536	38,721	79,021	150,197	71,176	
	1931	381	42,878	42,999	83,050	157,356	74,305	
	1929	460	58,474	66,014	165,882	290,939	125,057	195,247
	1927	471	61,790	72,156	172,700	301,309	128,609	191,703
	1925	503	67,056	82,436	219,618	361,524	141,906	193,080
Worsted goods	1933	227	78,691	63,167	180,482	307,683	127,200	
	1931	240	76,659	74,584	195,617	338,887	143,270	
	1929	264	88,485	98,138	336,649	536,067	199,418	372,536
	1927	288	92,571	101,666	329,408	516,670	187,262	364,422
	1925	329	98,168	105,835	400,784	596,266	195,483	377,215
Felt goods, wool, hair, or jute	1933	51	5,048	4,981	12,285	27,583	15,298	
	1931	53	4,430	5,072	12,918	28,192	15,274	
	1929	54	5,540	7,531	26,224	45,466	19,242	25,655
Hats, wool-felt	1933	9	1,631	1,264	1,838	4,369	2,531	
	1931	9	1,543	1,390	2,283	5,432	3,149	
	1929	14	2,028	2,315	4,678	9,056	4,377	2,811
Hats, fur-felt	1933	117	12,540	11,935	19,138	40,600	21,462	
	1931	138	14,084	16,538	29,509	59,616	30,107	
	1929	159	16,539	22,503	55,298	102,004	46,706	19,894

[3] *This classification was abandoned at the census for 1923, and no statistics collected until 1933.*

[4] Figures for 1929 and prior years include "Flax and hemp, dressed", treated as a quasi-agricultural industry subsequent to the census for 1929.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
TEXTILES AND THEIR PRODUCTS—Contd.								
Carpets and rugs, wool, other than rag.	1933	54	21,200	18,186	30,032	71,425	41,393	.....
	1931	61	22,003	24,109	38,876	88,204	49,328	.....
	1929	67	32,023	40,014	80,651	176,916	90,264	65,205
Wool shoddy	1933	44	1,527	1,233	6,291	10,477	4,186	.....
	1931	40	1,069	1,122	3,332	5,952	2,620	.....
	1929	50	1,762	2,109	10,127	15,345	5,218	15,940
Wool pulling	1933	16	678	670	7,087	10,226	3,138	.....
	1931	14	640	915	5,359	7,378	2,019	.....
	1929	18	900	907	10,917	13,648	2,731	1,847
Wool scouring	1933	20	1,395	1,418	1,189	4,404	3,215	.....
	1931	21	1,377	1,968	1,160	4,640	3,480	.....
	1929	21	1,302	1,771	3,022	6,241	3,220	8,241
Cordage and twine	1933	110	11,145	7,373	18,284	38,714	20,429	.....
	1931	117	11,087	8,627	24,402	47,557	23,155	.....
	1929	123	14,489	12,834	54,573	91,455	36,882	73,021
Jute goods	1933	20	4,248	2,503	4,813	12,463	7,651	.....
	1931	20	3,785	2,881	5,824	12,791	6,967	.....
	1929	20	4,931	4,276	11,968	21,870	9,902	35,079
Linen goods	1933	12	1,593	1,156	2,216	4,370	2,153	.....
	1931	14	1,567	1,417	2,510	5,226	2,716	.....
	1929	16	2,195	2,185	5,214	9,737	4,522	11,006
Mats and matting, grass and coir.	1933	7	221	180	228	609	382	.....
	1931	6	311	258	297	875	578	.....
	1929	7	467	440	685	1,692	1,007	1,293
Haircloth	1933	9	603	481	1,326	2,382	1,056	.....
	1931	13	400	417	1,395	2,425	1,030	.....
	1929	13	450	527	2,551	3,855	1,305	1,113
Dyeing and finishing textiles.	1933	626	66,309	58,423	142,802	278,942	136,140	.....
	1931	666	67,668	76,577	161,099	322,187	161,088	.....
	1929	732	79,327	94,245	235,712	465,821	230,108	304,057
	1927	743	73,851	91,607	210,681	406,047	195,366	287,212
	1925	697	70,749	83,983	[2]220,678	[2]408,515	187,837	252,701
Cloth sponging and refinishing.	1933	44	683	1,188	85	2,855	2,770	.....
	1931	45	576	1,107	81	2,447	2,366	.....
	1929	46	902	1,457	88	3,361	3,273	800
Wearing apparel made from purchased fabrics, total.	1933	10,642	462,857	322,813	940,902	1,797,548	856,646	.....
	1931	13,837	472,168	433,473	1,299,110	2,488,861	1,189,751	.....
	1929	16,195	536,561	596,659	1,867,042	3,536,041	1,668,999	137,880
	1927	15,486	501,656	578,152	1,771,890	3,391,881	1,619,990	126,723
	1925	14,883	466,846	534,823	1,741,618	3,243,849	1,502,231	119,744
Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.	1933	2,219	119,253	92,266	214,640	445,220	230,580	.....
	1931	2,945	121,964	115,041	263,675	551,416	287,741	.....
	1929	3,691	149,868	179,769	440,505	901,104	460,599	40,325
	1927	3,562	146,099	184,613	447,245	932,182	484,937	34,351
	1925	3,491	141,511	179,045	471,501	946,274	474,773	33,207
Clothing, work (including work shirts), men's.[6]	1933	558	55,281	26,071	82,469	135,336	52,867	.....
Clothing, men's, buttonholes.	1933	17	238	146	27	265	238	.....
	1931	26	222	176	34	313	279	.....
	1929	32	202	314	61	574	513	104
Shirts (except work shirts) and nightwear, men's.[5]	1933	585	53,816	26,113	59,657	119,717	60,060	.....
Furnishing goods, men's, not elsewhere classified.[5]	1933	363	16,676	9,521	31,423	55,659	24,236	.....
Collars, men's	1933	11	1,213	793	1,602	3,236	1,635	.....
	1931	16	2,048	1,419	2,788	6,684	3,897	.....
	1929	15	2,952	2,263	3,630	8,740	5,110	1,281

[2] Revised; revision not carried into total.

[6] Because of changes in the schedule used for collecting data for the "Clothing, work (including work shirts), men's", "Furnishing goods, men's, not elsewhere classified", and "Shirts (except work shirts) and nightwear, men's" industries, no comparable statistics for these industries can be shown for earlier years.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
TEXTILES AND THEIR PRODUCTS—Contd.								
Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics.	1933	91	8,586	3,547	8,743	16,012	7,270	----------
	1931	106	7,101	3,319	8,912	14,539	5,627	----------
	1929	125	9,279	5,914	19,289	29,883	10,594	3,702
Suspenders, garters, and other elastic woven goods, made from purchased webbing.	1933	62	2,617	1,827	7,996	12,781	4,785	----------
	1931	71	3,257	2,443	9,995	17,165	7,170	----------
	1929	91	4,341	3,971	17,900	30,473	12,567	1,180
Hats and caps, except felt and straw, men's.	1933	299	4,053	2,968	6,181	12,659	6,478	----------
	1931	379	3,459	3,662	8,173	16,867	8,694	----------
	1929	570	5,826	7,694	16,908	35,901	18,993	1,796
Clothing, women's, not elsewhere classified.	1933	5,350	159,832	127,418	456,424	846,300	389,876	----------
	1931	7,046	173,890	189,187	704,259	1,292,253	587,994	----------
	1929	8,082	187,500	243,851	934,414	1,709,581	775,167	35,291
	1927	7,588	154,459	211,360	809,520	1,494,401	684,881	30,287
	1925	6,127	126,466	175,045	724,299	1,293,705	569,406	24,316
Corsets and allied garments.	1933	179	14,017	9,388	29,035	58,092	29,058	----------
	1931	204	13,977	11,496	31,694	71,923	40,229	----------
	1929	213	18,664	12,446	36,035	76,802	40,767	6,048
Handkerchiefs	1933	74	4,701	2,442	8,060	14,924	6,864	----------
	1931	88	4,761	3,221	10,255	18,798	8,543	----------
	1929	105	6,014	4,636	16,343	29,554	13,211	2,409
Millinery	1933	834	22,574	20,313	34,646	77,347	42,701	----------
	1931	1,134	26,612	32,565	71,795	144,575	72,780	----------
	1929	1,293	32,206	42,715	98,090	195,693	97,604	10,176
Other articles made from purchased fabrics, total.	1933	2,976	56,712	43,379	204,122	340,475	136,353	----------
	1931	3,802	61,661	60,138	225,593	395,613	170,019	----------
	1929	4,235	75,074	83,402	415,811	664,091	248,280	164,720
	1927	4,113	73,027	82,071	388,151	625,310	237,159	140,692
	1925	2,097	51,228	53,729	374,272	539,689	165,417	117,893
Awnings, tents, sails, and canvas covers.	1933	751	4,509	3,973	10,583	21,412	10,829	----------
	1931	913	5,351	6,397	15,106	31,697	16,591	----------
	1929	1,002	7,162	8,559	25,328	49,238	23,909	4,996
Bags, other than paper, not made in textile mills.	1933	169	10,543	6,977	69,537	92,115	22,578	----------
	1931	189	11,985	9,111	79,173	104,991	25,818	----------
	1929	202	11,828	9,645	144,275	170,176	25,900	19,159
Belting, other than leather and rubber, not made in textile mills.	1933	5	171	143	537	1,017	480	----------
	1931	8	193	180	553	1,138	586	----------
	1929	9	255	299	1,328	2,789	1,461	1,648
Embroideries	1933	547	4,652	3,874	3,266	12,194	8,928	----------
	1931	732	5,561	6,330	4,538	20,224	15,687	----------
	1929	813	6,622	7,868	6,609	25,287	18,678	2,279
Trimmings (not made in textile mills) and stamped art goods for embroidering.	1933	365	5,113	4,075	11,922	23,120	11,198	----------
	1931	520	6,212	6,853	13,824	30,308	16,485	----------
	1929	639	7,934	9,762	20,783	45,180	24,397	3,068
Horse blankets, fly nets, and related products.	1933	9	539	355	824	1,568	745	----------
	1931	9	387	228	618	1,134	516	----------
	1929	14	582	498	1,471	2,895	1,424	1,375
Flags and banners	1933	42	573	392	954	2,112	1,158	----------
	1931	48	782	639	1,329	2,754	1,425	----------
	1929	54	938	794	1,771	3,836	2,065	577
Regalia, robes, vestments, and badges.	1933	56	921	654	1,058	2,836	1,778	----------
	1931	81	1,422	1,444	2,129	5,689	3,560	----------
	1929	77	1,757	1,825	3,227	7,927	4,700	1,105
Hat and cap materials, men's.	1933	76	1,893	1,465	6,199	9,716	3,517	----------
	1931	95	1,935	2,077	6,554	11,010	4,456	----------
	1929	112	2,564	2,876	17,305	25,031	7,726	5,164
Nets (fish) and seines	1933	13	423	315	1,072	1,895	824	----------
	1931	13	572	438	1,283	2,682	1,399	----------
	1929	19	903	709	3,789	6,164	2,375	1,155

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
TEXTILES AND THEIR PRODUCTS—Contd.								
House-furnishing goods not elsewhere classified and miscellaneous articles made of textiles.	1933	708	14,677	9,787	55,690	84,723	29,032	.....
	1931	914	14,195	12,047	52,022	86,821	34,799	.....
	1929	964	15,794	15,150	76,625	127,602	50,977	16,866
Carpets and rugs, rag	1933	26	677	464	609	1,851	1,242	.....
	1931	51	1,003	918	1,026	3,332	2,306	.....
	1929	94	1,520	1,562	1,659	5,511	3,852	2,416
Linoleum	1933	5	2,821	2,800	6,756	19,098	12,342	.....
	1931	6	2,895	3,595	7,866	22,984	15,118	.....
	1929	7	5,544	8,560	27,489	57,250	29,761	51,647
Oilcloth	1933	8	1,251	1,461	6,864	12,053	5,789	.....
	1931	9	1,229	1,811	8,256	13,986	5,730	.....
	1929	9	1,412	2,144	14,925	23,107	8,183	5,017
Artificial leather	1933	22	1,952	1,955	8,148	13,584	5,436	.....
	1931	21	1,941	2,477	9,083	15,195	6,112	.....
	1929	17	2,590	3,956	22,268	32,961	10,693	14,650
Asphalted-felt-base floor covering.	1933	13	2,271	2,546	9,564	22,714	13,150	.....
	1931	15	1,946	2,734	9,151	19,993	10,842	.....
	1929	14	2,345	3,501	14,279	31,889	17,610	11,092
Upholstering materials, not elsewhere classified.	1933	37	685	455	1,654	3,100	1,446	.....
	1931	46	899	810	2,860	5,329	2,469	.....
	1929	53	1,410	1,317	7,046	11,234	4,188	3,915
Waste, processed	1933	124	3,036	1,686	8,887	14,768	5,881	.....
	1931	132	3,153	2,049	10,223	16,344	6,120	.....
	1929	136	3,905	3,316	25,633	36,014	10,381	18,592
FOREST PRODUCTS								
Basic industries, total.	1933	4,676	216,461	119,117	130,595	368,985	238,389	.....
	1931	6,010	225,831	163,833	167,715	463,117	295,402	.....
	1929	14,164	460,482	437,840	432,337	1,314,763	882,426	1,907,963
	1927	8,723	453,131	431,496	508,080	1,259,370	760,690	1,795,875
	1925	10,286	504,711	473,085	593,935	1,458,427	874,492	2,064,631
Excelsior	1933	50	809	432	863	2,094	1,231	.....
	1931	61	927	683	1,412	2,983	1,571	.....
	1929	66	1,241	1,219	2,440	5,009	2,569	10,667
Lumber and timber products, not elsewhere classified.	1933	3,783	189,367	113,183	123,450	350,464	227,013	.....
	1931	4,996	196,647	155,870	160,511	443,629	283,118	.....
	1929	12,915	419,084	421,585	419,603	1,273,472	853,869	1,985,301
	1927	7,510	413,946	413,362	493,959	1,214,646	720,687	1,781,734
	1925	9,207	[2] 467,090	450,716	579,475	1,421,162	841,687	2,049,500
Turpentine and rosin	1933	843	26,285	5,501	6,282	16,427	10,145	.....
	1931	953	28,257	7,280	5,793	16,506	10,713	.....
	1929	1,183	40,157	15,036	10,294	36,282	25,988	1,995
Wood-reworking industries, total.	1933	3,106	53,863	39,175	89,844	177,116	87,272	.....
	1931	4,430	75,574	78,144	157,063	310,678	153,615	.....
	1929	6,081	114,640	142,566	337,294	655,345	318,080	787,660
	1927	5,582	117,905	149,783	359,316	672,336	313,020	727,274
	1925	5,727	132,115	169,154	440,457	798,288	357,831	680,399
Planing-mill products (including general millwork) made in planing mills not connected with sawmills.	1933	2,356	35,388	26,117	67,380	124,235	56,355	.....
	1931	3,453	54,493	58,552	125,760	235,681	109,920	.....
	1929	4,849	90,134	116,423	296,008	553,583	257,575	677,998
	1927	4,561	96,589	126,140	321,443	581,634	260,190	630,674
	1925	4,761	111,329	140,592	403,227	710,861	307,635	597,103
Window and door screens and weather strip.	1933	123	1,571	1,223	2,911	6,314	3,403	.....
	1931	207	2,564	2,971	5,713	13,539	7,826	.....
	1929	280	4,034	4,958	10,513	24,452	13,939	14,034
Wood turned and shaped and other wooden goods, n. c. c.[3]	1933	580	15,500	10,147	17,746	41,523	23,777	.....
	1931	719	17,020	14,602	23,907	55,710	31,804	.....
	1929	894	18,712	18,617	28,429	69,620	41,191	88,398

[2] Revised; revision not carried into total.
[3] Owing to a change in classification, data for 1929 are not strictly comparable with data for later years.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
FOREST PRODUCTS—Continued								
Lasts and related products.	1933	47	1,404	1,687	1,308	5,044	3,737	
	1931	51	1,497	2,020	1,683	5,747	4,065	
	1929	58	1,760	2,569	2,315	7,690	5,375	7,230
Wooden-container industries, total.	1933	1,217	42,007	24,183	59,078	108,952	49,874	
	1931	1,490	48,277	33,056	73,825	139,016	65,192	
	1929	1,769	54,972	51,078	129,656	235,178	105,522	196,844
	1927	1,648	56,124	52,721	134,471	235,578	101,107	192,489
	1925	1,762	57,961	55,671	142,775	249,612	106,837	192,281
Boxes, wooden, except cigar boxes.	1933	595	21,753	12,515	20,056	54,995	25,938	
	1931	675	22,864	17,572	39,705	74,667	34,962	
	1929	792	30,554	29,194	74,082	135,026	60,944	137,261
Boxes, cigar, wooden	1933	77	3,426	1,782	2,209	5,904	3,695	
	1931	92	3,777	2,564	3,473	8,859	5,386	
	1929	118	4,374	3,508	5,238	12,459	7,221	5,518
Cooperage	1933	361	8,457	6,261	22,013	35,618	12,705	
	1931	500	8,208	7,663	24,333	39,143	14,810	
	1929	589	10,691	11,709	41,516	64,842	23,326	33,885
Baskets and rattan and willow ware, not including furniture.	1933	184	8,371	3,625	4,900	12,435	7,536	
	1931	223	8,428	5,257	6,314	16,347	10,033	
	1929	273	9,358	6,671	8,820	22,851	14,031	20,180
Furniture and related industries, total.[1]	1933	2,506	108,298	78,421	145,924	305,960	160,035	
	1931	3,340	131,310	130,077	223,071	497,197	274,125	
	1929	3,996	199,235	250,447	436,225	976,176	539,951	518,709
	1927	3,428	193,787	245,683	401,549	911,805	510,256	464,444
	1925	3,434	186,283	232,207	393,491	893,504	500,014	410,941
Furniture, including store and office fixtures.[1]	1933	2,411	105,488	76,346	142,587	297,730	155,143	
	1931	3,148	127,605	125,972	217,896	482,289	264,393	
	1929	3,778	193,399	242,832	426,454	948,116	521,662	503,970
	1927	3,228	188,143	238,240	392,099	885,204	493,106	455,881
	1925	3,239	181,016	225,298	384,875	868,720	483,845	402,719
Billiard and pool tables, bowling alleys, and accessories.	1933	17	407	228	514	1,123	609	
	1931	32	592	613	1,396	3,761	2,366	
	1929	40	1,390	1,863	3,238	8,821	5,583	6,402
Mirror and picture frames.	1933	138	2,403	1,847	2,823	7,107	4,284	
	1931	160	3,113	3,492	3,780	11,140	7,367	
	1929	178	4,446	5,752	6,533	19,238	12,705	8,334
Other allied products, total.	1933	730	33,545	28,202	83,741	166,393	82,652	
	1931	746	33,673	35,065	141,957	236,913	94,957	
	1929	714	37,270	44,269	224,250	349,821	125,571	144,538
	1927	623	34,010	39,620	207,537	325,673	118,136	123,150
	1925	550	30,836	35,675	129,949	221,629	91,680	101,421
Caskets, coffins, burial cases, and other morticians' goods.	1933	396	12,155	11,837	25,674	58,740	33,066	
	1931	399	11,932	14,225	28,519	69,810	41,291	
	1929	414	13,033	16,411	39,350	88,282	48,932	39,609
Cork products	1933	30	2,797	2,168	5,277	11,604	6,327	
	1931	31	3,018	3,027	6,617	14,877	8,260	
	1929	35	3,842	4,209	12,603	23,023	10,421	14,829
Matches	1933	18	4,726	4,037	11,679	26,373	14,693	
	1931	19	3,369	3,493	10,875	18,473	7,597	
	1929	21	3,760	4,118	12,526	20,351	7,825	17,907
Pulp goods and molded composition products.[1]	1933	101	6,840	5,927	10,023	25,731	15,708	
	1931	86	5,654	6,105	10,805	27,239	16,435	
Wood preserving	1933	185	7,027	4,233	31,087	43,945	12,858	
	1931	211	9,700	8,214	85,141	106,514	21,374	
	1929	199	13,077	14,940	147,703	190,945	43,242	57,913

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

[2] Includes "Hammocks", formerly treated as a separate industry, for all years, and also includes, for 1927 and later years, sewing-machine cases, formerly a part of the industry "Sewing machines, cases, and attachments." "Furniture and related industries, total" excludes for all years "Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment", which was abandoned as a separate industry classification and included with "Refrigerators and refrigerating and ice-making apparatus" in the machinery group for the census of 1933.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
PAPER AND PAPER PRODUCTS								
Paper and pulp, total. [3]	1933	781	107,298	99,194	393,603	695,654	301,991	----------
	1931	[2] 848	107,902	126,836	495,089	851,530	356,442	----------
	1929	883	128,049	173,078	723,361	1,200,114	482,754	2,968,431
	1927	929	123,360	162,002	724,111	1,138,090	413,979	2,642,806
	1927	*764*	*123,360*	*162,002*	*615,558*	*1,029,535*	*413,979*	*2,642,806*
	1925	763	123,842	160,146	605,860	971,882	366,022	2,427,010
Paper [1]	1933	600	87,224	81,091	311,767	560,953	249,196	----------
	1931	650	87,083	104,042	384,420	684,971	300,551	----------
	1929	685	103,320	140,398	574,608	907,186	332,578	[9]
	1927	710	98,566	130,475	572,786	919,891	347,106	[9]
Pulp (wood and other fiber). [1]	1933	181	20,074	18,103	81,896	134,692	52,796	----------
	1931	[2] 198	20,219	22,844	110,668	166,559	55,891	----------
	1929	198	24,729	32,679	148,753	238,928	90,176	[9]
	1927	219	24,794	31,527	151,325	218,198	66,873	[9]
Converted paper products, total. [10]	1933	1,916	89,082	73,648	260,084	477,089	216,105	----------
	[2] 1931	2,069	89,186	89,936	271,005	520,921	249,916	----------
	1929	2,243	105,344	114,253	309,361	686,137	376,775	198,373
	1927	2,043	101,077	110,152	358,252	647,908	289,656	170,888
	1925	1,964	97,660	102,951	313,797	574,932	261,135	147,697
Bags, paper, exclusive of those made in paper mills.	1933	96	7,665	5,813	29,296	49,379	20,084	----------
	1931	95	6,836	6,423	33,427	54,291	20,864	----------
	1929	95	6,970	6,661	43,238	64,621	21,383	13,410
Boxes, paper, not elsewhere classified.	1933	1,104	47,220	37,614	126,326	223,004	96,679	----------
	1931	1,214	46,722	44,085	113,251	217,872	104,621	----------
	1929	1,249	55,654	57,110	159,540	294,253	134,414	80,064
	1927	1,219	56,398	57,701	168,464	306,565	138,091	81,300
	1925	1,229	57,148	57,172	151,712	281,944	130,232	76,185
Card cutting and designing.	1933	64	1,804	1,535	4,029	10,138	6,108	----------
	1931	72	2,041	2,408	6,674	15,953	9,279	----------
	1929	70	2,338	2,725	9,286	19,648	10,362	3,900
Cardboard, not made in paper mills.	1933	12	492	452	1,406	2,793	1,388	----------
	1931	12	520	599	1,656	3,594	1,938	----------
	1929	13	609	819	2,665	5,629	2,964	1,549
Envelops	1933	163	7,981	6,755	15,918	33,396	17,978	----------
	1931	162	8,924	9,658	22,452	46,943	24,491	----------
	1929	171	10,367	11,527	29,928	61,287	31,359	13,077
Wall paper	1933	39	3,239	3,116	6,851	15,800	8,948	----------
	1931	50	3,734	3,904	9,150	20,194	11,044	----------
	1929	56	4,705	5,732	13,480	30,008	16,527	12,740
Paper goods, not elsewhere classified.	1933	438	20,631	18,364	77,158	142,079	64,921	----------
	[2] 1931	464	20,409	22,769	84,395	162,074	77,679	----------
	1929	486	20,227	23,810	100,369	182,648	82,279	67,145
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES								
Printing and publishing, total.	1933	16,857	213,786	292,473	325,939	1,524,990	1,199,050	----------
	[2] 1931	21,978	255,480	438,630	513,208	2,212,267	1,699,059	----------
	1929	24,360	281,119	506,290	660,029	2,760,196	2,100,167	544,588
	1927	22,558	262,740	474,039	664,528	2,521,208	1,856,680	482,295
	1925	21,072	252,515	440,427	612,060	2,283,304	1,671,244	409,121
Printing and publishing, book, music, and job.	1933	9,224	104,699	128,982	141,239	519,990	378,751	----------
	[2] 1931	11,767	135,977	212,931	218,928	804,019	590,091	----------
	1929	12,836	151,459	252,891	208,291	1,021,897	753,606	212,404
	1927	11,585	143,341	243,488	254,714	936,133	681,418	196,061
	1925	10,447	135,514	222,887	232,519	835,642	603,123	171,459

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[2] Revised; revision not carried into total.
[3] The separation of the industry "Paper and pulp" into the "Paper" and "Pulp (wood and other fiber)" industries for 1927 resulted in counting as 2 establishments each mill which manufactured both paper and pulp and in a duplication in the statistics as combined. The figures for 1927 to 1933 are, therefore, not strictly comparable with those for 1925. Figures in italics have been adjusted for comparison with 1925, counting as a single unit mills manufacturing both pulp and paper.
[9] Because of the fact that in many cases a paper mill and a pulp mill are supplied with power from the same power plant, it is impossible to give separate figures for each industry.
[10] Owing to a change in classification, data for 1931 and 1933 are not strictly comparable with data for prior years.

No. 760.—Manufactures: Summary for Individual Industries—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Con.								
Printing and publishing, newspaper and periodical.	1933	7,633	109,087	163,490	184,700	1,004,999	820,299	----------
	1931	10,211	119,503	225,699	299,280	1,408,248	1,108,968	----------
	1929	11,524	129,660	253,399	391,738	1,738,299	1,346,561	332,184
	1927	10,973	119,399	231,151	409,814	1,585,076	1,175,262	286,234
	1925	10,625	117,001	217,541	379,541	1,447,661	1,068,121	237,662
Industries allied to printing and publishing, total.	1933	2,538	50,320	63,154	51,905	208,448	156,543	----------
	1931	2,948	62,308	100,586	69,802	290,237	220,435	----------
	1929	3,162	76,869	130,081	106,454	409,944	303,489	104,853
	1927	2,875	65,863	111,544	90,509	338,652	248,143	87,233
	1925	2,754	62,749	101,991	82,517	313,567	231,050	76,966
Bookbinding and blank-book making.	1933	863	16,865	16,091	15,686	56,011	40,325	----------
	1931	1,050	21,216	25,356	21,392	79,780	58,388	----------
	1929	1,108	24,754	31,779	30,755	102,783	72,029	21,741
Engravers' materials	1933	16	224	243	808	1,685	817	----------
	1931	21	275	444	1,166	2,319	1,153	----------
	1929	19	313	448	1,795	3,129	1,335	1,493
Engraving, steel, copper plate, and wood, and plate printing.	1933	343	5,033	5,265	3,637	16,223	12,585	----------
	1931	432	6,995	9,503	6,425	27,425	21,001	----------
	1929	483	10,272	14,813	11,947	47,901	35,954	8,560
Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.	1933	77	1,089	1,094	921	3,425	2,505	----------
	1931	133	1,467	2,048	1,440	5,607	4,168	----------
	1929	189	2,240	3,212	2,583	10,934	8,351	2,965
Photo-engraving, not done in printing establishments.	1933	600	7,907	14,788	5,602	37,583	31,981	----------
	1931	617	10,095	24,990	7,408	56,020	48,611	----------
	1929	654	12,353	31,831	11,003	77,382	66,379	9,349
Lithographing	1933	346	14,579	18,123	21,449	68,188	46,739	----------
	1931	364	16,215	25,723	26,607	87,433	60,826	----------
	1929	376	18,979	32,022	38,992	121,014	82,022	35,471
Stereotyping and electrotyping, not done in printing establishments.	1933	207	3,734	6,488	2,609	20,006	17,397	----------
	1931	223	4,857	10,917	3,590	24,582	20,991	----------
	1929	230	6,487	13,771	6,547	35,617	29,070	21,347
Printers' supplies [11]	1933	86	888	1,062	1,134	5,327	4,193	----------
	1931	108	1,188	1,605	1,775	7,070	5,296	----------
	1929	103	1,471	2,205	2,833	11,183	8,350	3,927
CHEMICALS AND ALLIED PRODUCTS								
Chemicals and allied products, other than animal, vegetable, and compounded oils, total.[12]	1933	5,960	220,507	212,519	838,522	1,947,491	1,108,969	----------
	1931	6,835	215,176	251,063	1,035,312	2,376,978	1,341,667	----------
	1929	7,545	259,159	334,407	1,543,776	3,232,556	1,688,780	1,965,380
	1927	6,719	227,344	292,208	1,388,674	2,819,315	1,430,641	1,519,832
	1925	6,451	220,452	273,479	1,334,621	2,590,233	1,255,612	1,452,687
Ammunition and related products.	1933	24	5,806	4,848	10,473	27,861	17,388	----------
	1931	20	5,873	4,993	11,014	28,366	17,353	----------
	1929	21	7,223	8,273	19,842	43,809	23,967	17,061
Explosives	1933	66	4,168	4,135	12,705	35,106	22,401	----------
	1931	78	4,733	5,572	19,519	46,258	26,739	----------
	1929	95	5,614	8,488	31,764	72,540	40,775	51,612
Fireworks	1933	30	919	702	970	2,520	1,550	----------
	1931	37	1,350	1,097	1,406	3,722	2,317	----------
	1929	50	1,811	1,931	2,465	6,584	4,119	1,746
Baking powder, yeast, and other leavening compounds.	1933	40	2,690	3,654	13,112	31,975	18,863	----------
	1931	45	2,881	4,798	20,746	47,027	26,281	----------
	1929	48	3,006	4,847	22,598	52,337	29,738	42,788

[11] At censuses prior to 1933, two separate industries, "Printing materials, not including type or printing ink" and "Type founding."

[12] The figures for 1931 and prior years differ from those previously published because of the transfer of the statistics for "Liquors, distilled" (formerly entitled "Alcohol, ethyl, and distilled liquors") and "Liquors, vinous" to group 1, "Food and kindred products."

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
CHEMICALS AND ALLIED PRODUCTS—Continued								
Bluing	1933	16	77	86	323	1,033	710	----------
	1931	20	95	94	402	1,179	777	----------
	1929	20	105	107	469	1,365	896	169
Bone black, carbon black, and lampblack.	1933	48	1,449	1,206	4,010	8,507	4,497	----------
	1931	62	1,039	1,344	5,022	9,535	4,513	----------
	1929	77	1,915	2,583	9,096	20,170	11,074	11,268
Blacking, stains, and dressings.	1933	154	1,625	1,504	6,009	19,056	12,146	----------
	1931	156	1,501	1,666	6,941	20,343	13,402	----------
	1929	170	1,617	1,959	8,345	24,682	16,337	3,317
Candles	1933	19	673	561	1,844	4,128	2,284	----------
	1931	23	713	711	2,481	5,396	2,915	----------
	1929	20	781	923	3,251	6,686	3,436	1,971
Chemicals, not elsewhere classified.[13]	1933	541	53,190	59,229	221,453	476,503	255,049	----------
	1931	558	48,522	66,360	246,068	533,175	287,107	----------
	1929	551	62,199	94,680	363,577	738,048	374,472	854,358
	1927	492	62,347	78,275	296,677	572,091	275,414	576,286
	1925	751	57,890	83,537	282,712	570,310	287,598	546,797
Cleaning and polishing preparations.	1933	327	2,755	2,722	14,753	41,048	26,296	----------
	1931	388	2,449	2,969	16,979	48,007	31,028	----------
	1929	429	2,713	3,356	19,399	50,780	31,381	10,609
Drug grinding	1933	22	630	614	3,448	6,399	2,951	----------
	1931	23	661	711	5,457	9,159	3,702	----------
	1929	26	677	841	5,675	9,669	3,994	5,277
Druggists' preparations.[14]	1933	411	12,920	13,154	43,571	146,776	103,205	----------
	1931	*440*	*14,087*	*15,984*	*51,197*	*173,897*	*122,701*	----------
	1931	392	9,476	10,552	32,208	109,448	77,240	----------
	1929	429	10,688	12,452	43,776	124,778	81,003	19,448
Patent or proprietary medicines and compounds.[14]	1933	965	8,740	7,500	38,233	138,145	99,912	----------
	1931	*1,240*	*9,586*	*10,226*	*51,799*	*194,421*	*142,622*	----------
	1931	1,298	13,475	14,885	68,416	254,514	186,098	----------
	1929	1,522	16,434	18,781	94,770	318,907	224,137	44,538
	1927	1,282	15,071	16,667	84,641	278,243	193,602	34,082
	1925	1,279	14,802	15,592	84,790	247,564	162,774	33,840
Perfumes, cosmetics, and other toilet preparations.[14]	1933	490	8,978	7,470	33,175	97,049	63,874	----------
	1931	*658*	*10,026*	*9,674*	*44,184*	*153,818*	*109,634*	----------
	1931	663	10,748	10,446	46,556	158,175	111,618	----------
	1929	815	13,109	13,763	58,299	193,441	135,142	12,150
Tanning materials, natural dyestuffs, mordants and assistants, and sizes.	1933	124	2,141	2,212	13,518	23,322	9,804	----------
	1931	116	1,962	2,390	15,521	26,469	10,948	----------
	1929	126	2,419	3,114	25,336	39,836	14,500	22,575
Fertilizers	1933	522	13,063	7,274	69,053	94,939	25,886	----------
	1931	599	14,551	12,146	106,481	154,350	47,869	----------
	1929	638	20,026	17,884	159,801	232,511	72,710	166,984
	1927	621	18,612	17,650	138,143	190,385	52,242	156,274
	1925	587	19,644	17,743	137,808	206,773	68,965	152,193
Compressed and liquefied gases.	1933	326	2,763	3,154	8,586	32,007	23,421	----------
	1931	349	2,844	3,896	10,135	41,806	31,672	----------
	1929	354	3,390	5,378	14,529	52,190	37,661	85,293
Glue and gelatin	1933	63	2,013	2,033	8,328	17,163	8,834	----------
	1931	72	2,559	3,325	15,460	27,516	12,055	----------
	1929	74	2,993	4,236	18,978	32,458	13,480	23,584
Mucilage, paste, and other adhesives, except glue and rubber cement.	1933	55	213	237	1,295	2,478	1,184	----------
	1931	69	282	350	1,889	3,621	1,732	----------
	1929	84	414	547	3,669	6,638	2,970	2,584
Grease and tallow, not including lubricating greases.	1933	201	3,988	4,099	14,141	26,238	12,097	----------
	1931	238	4,067	5,225	17,533	29,241	11,708	----------
	1929	297	5,475	7,862	40,142	61,608	21,466	41,686

[13] Includes "Compressed and liquefied gases" prior to 1927.

[14] Because of changes in classification, the statistics for 1931 and prior years are not strictly comparable with those for 1933. The figures in italics for 1931 have been adjusted for comparison with 1933.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
CHEMICALS AND ALLIED PRODUCTS—Continued								
Ink, printing	1933	160	2,094	2,663	12,604	26,166	13,563	
	1931	171	2,247	3,479	14,532	32,188	17,656	
	1929	147	2,448	3,957	19,205	42,750	23,545	20,300
Ink, writing	1933	22	355	321	1,226	2,522	1,296	
	1931	23	347	363	1,463	3,535	2,073	
	1929	29	416	480	1,993	4,595	2,602	847
Paints and varnishes	1933	961	22,880	23,791	153,026	289,442	136,416	
	1931	1,039	22,521	29,425	193,737	350,726	156,989	
	1929	1,063	29,211	42,245	334,132	568,976	234,844	180,315
	1927	1,006	28,061	40,185	307,724	519,010	211,285	163,187
	1925	923	25,490	35,420	293,943	470,736	176,793	143,111
Rayon and allied products.	1933	34	44,306	38,613	44,031	156,932	112,900	
	1931	32	38,735	38,231	36,181	132,632	96,452	
	1929	29	30,106	44,697	33,335	149,546	116,211	195,844
Salt	1933	50	5,036	4,814	9,154	29,011	19,857	
	1931	53	4,728	5,549	10,864	31,430	20,566	
	1929	58	5,458	6,735	14,188	37,869	23,681	57,711
Soap	1933	235	14,304	14,140	93,507	200,128	106,621	
	1931	248	14,163	17,740	121,829	257,719	135,889	
	1929	282	14,363	18,995	180,353	310,192	129,839	65,856
	1927	256	13,432	19,716	172,244	287,060	114,816	62,025
	1925	272	15,406	18,526	184,874	278,278	93,400	56,697
Wood distillation and charcoal manufacture.	1933	54	2,731	1,782	5,073	11,036	5,963	
	1931	63	2,654	2,745	6,474	11,440	4,966	
	1929	91	4,648	5,293	14,791	29,594	14,803	25,509
Animal, vegetable, and compounded oils, total.	1933	567	16,973	8,252	120,951	170,022	40,072	
	1931	609	15,194	12,207	220,147	273,657	53,509	
	1929	679	20,039	17,577	391,282	470,116	78,834	332,150
	1927	781	24,762	23,818	393,895	495,913	102,018	320,217
	1925	773	22,700	20,946	455,642	559,856	104,214	284,027
Oil, cake, and meal, cottonseed.	1933	475	14,242	5,376	78,229	104,212	25,982	
	1931	504	12,268	8,335	147,165	181,347	34,182	
	1929	553	15,825	11,203	249,020	298,376	49,356	284,305
	1927	547	18,434	14,259	220,038	276,338	56,300	270,500
	1925	535	16,215	11,412	244,315	295,685	51,369	239,005
Oils, essential	1933	12	175	222	2,243	3,094	851	
	1931	12	128	199	2,707	3,505	798	
	1929	22	265	326	3,804	6,653	2,849	1,894
Oil, cake, and meal, linseed.	1933	22	1,625	1,684	33,853	40,463	6,610	
	1931	28	1,837	2,278	50,306	62,883	12,576	
	1929	29	2,715	4,098	101,563	119,927	18,364	31,191
Oils, not elsewhere classified.	1933	58	931	970	15,625	22,254	6,629	
	1931	65	961	1,394	19,970	25,922	5,952	
	1929	75	1,234	1,950	36,896	45,160	8,264	14,670
PRODUCTS OF PETROLEUM AND COAL								
Coke-oven products	1933	97	13,066	15,527	123,275	165,731	42,456	
	1931	112	14,383	22,134	162,793	226,509	63,716	
	1929	153	20,552	33,380	281,592	416,348	134,756	393,211
	1927	171	21,082	34,168	286,729	382,013	95,284	451,874
	1925	237	23,191	36,762	277,751	378,634	100,883	409,552
Fuel briquettes	1933	24	296	262	1,886	2,944	1,058	
	1931	23	301	357	3,035	4,568	1,533	
	1929	23	426	584	5,919	9,498	3,579	14,893
Gas, manufactured, illuminating and heating.	1933	543	26,250	36,980	79,189	295,480	216,292	
	1931	638	34,523	49,442	152,580	467,751	315,172	
	1929	754	43,065	[2] 61,322	188,416	512,653	324,236	544,024
	1927	828	48,497	68,356	211,786	516,705	304,920	496,014
	1925	919	46,998	67,436	178,423	455,460	277,037	428,132

[2] Revised; revision not carried into total.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
PRODUCTS OF PETROLEUM AND COAL—Continued								
Lubricating oils and greases, not made in petroleum refineries.	1933	158	1,794	2,087	16,774	28,702	11,928	----
	1931	168	2,115	2,960	22,809	41,704	18,895	----
	1929	177	2,577	3,739	39,571	69,584	30,013	13,281
Petroleum refining	1933	389	69,047	89,793	1,064,437	1,378,637	314,200	----
	1931	376	68,824	107,474	1,210,517	1,524,285	313,768	----
	1929	390	80,596	131,177	2,031,341	2,639,665	608,324	789,849
	1927	354	71,234	113,717	1,752,997	2,142,649	389,651	552,651
	1925	359	65,324	104,645	1,889,678	2,376,657	486,979	393,753
RUBBER PRODUCTS								
Boots and shoes, rubber.	1933	13	18,102	14,440	14,124	42,019	27,895	----
	1931	15	15,882	13,770	12,298	47,905	35,607	----
	1929	22	25,659	29,945	34,396	102,538	68,141	62,603
Rubber tires and inner tubes.	1933	44	52,976	54,737	139,392	299,313	159,921	----
	1931	48	49,159	63,089	173,604	406,283	232,679	----
	1929	91	85,263	127,082	429,607	770,177	340,570	463,257
	1927	109	78,256	120,064	499,221	869,688	370,467	451,724
	1925	126	81,640	120,614	559,940	925,002	365,062	403,227
Rubber goods, other than tires, inner tubes, and boots and shoes.	1933	351	35,205	29,939	57,881	131,411	73,531	----
	1931	390	34,218	35,738	66,965	160,077	93,112	----
	1929	412	40,226	50,279	114,674	244,746	130,071	295,452
	1927	385	36,893	45,931	117,777	230,781	113,005	270,539
	1925	381	35,230	42,613	121,224	219,869	98,645	197,051
LEATHER AND ITS MANUFACTURES								
Leather: Tanned, curried, and finished.	1933	374	44,191	43,076	138,177	237,202	99,025	----
	1931	418	42,047	49,542	172,786	271,138	98,352	----
	1929	471	49,932	63,414	337,598	481,340	143,742	229,660
	1927	494	52,924	67,887	331,985	494,256	162,271	220,530
	1925	531	52,263	65,834	296,953	452,186	155,233	215,678
Finished products of leather, total.	1933	2,891	237,811	179,411	406,500	759,571	353,010	----
	1931	3,284	230,710	212,588	493,415	918,738	425,324	----
	1929	3,814	268,540	296,047	794,424	1,424,861	630,436	206,764
	1927	3,778	263,157	296,650	756,832	1,375,360	618,528	199,313
	1925	3,721	261,865	289,585	716,059	1,311,831	595,772	197,653
Belting and packing, leather.	1933	152	1,684	1,733	7,018	14,880	7,862	----
	1931	178	1,640	1,968	7,302	14,522	7,220	----
	1929	207	2,602	3,550	20,680	35,632	14,952	6,826
Boots and shoes, other than rubber.	1933	1,132	190,914	142,054	286,303	553,425	267,122	----
	1931	1,156	181,374	163,271	337,627	653,880	316,252	----
	1929	1,341	205,640	222,408	515,055	965,923	450,867	140,329
	1927	1,357	203,110	225,090	494,553	944,714	450,161	138,706
	1925	1,460	206,992	225,788	481,632	925,383	443,751	139,569
Boot and shoe cut stock, not made in boot and shoe factories.	1933	159	6,544	5,808	43,618	56,280	12,662	----
	1931	191	8,584	8,148	64,132	79,734	15,602	----
	1929	210	9,499	10,320	107,546	133,448	25,902	15,828
Boot and shoe findings, not made in boot and shoe factories.	1933	328	10,254	8,110	18,247	37,014	18,767	----
	1931	361	9,088	[1]8,264	18,142	37,366	19,225	----
	1929	382	10,376	11,058	31,964	58,625	26,661	20,259
Gloves and mittens, leather.	1933	194	8,129	6,434	11,377	23,470	12,093	----
	1931	227	7,884	7,554	13,136	28,024	14,887	----
	1929	257	9,203	9,204	20,206	39,123	18,917	3,498
Pocketbooks, purses, and cardcases.	1933	218	8,107	5,954	15,349	28,345	12,996	----
	1931	260	8,747	9,793	22,601	43,147	20,546	----
	1929	290	10,430	15,229	35,352	68,628	33,276	1,828
Saddlery, harness, and whips.	1933	147	2,515	2,054	6,146	10,364	4,218	----
	1931	185	1,974	1,926	5,268	9,339	4,071	----
	1929	268	3,396	3,761	13,914	23,563	9,648	4,780

[1] Revised; revision not carried into total.

No. 760.—Manufactures: Summary for Individual Industries—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
LEATHER, ETC.—Continued								
Trunks, suitcases, and bags.	1933	270	5,117	3,749	9,328	17,368	8,040	----------
	1931	371	6,198	6,343	13,232	26,715	13,483	----------
	1929	467	11,359	13,757	31,894	63,969	32,275	10,220
Leather goods, not elsewhere classified.	1933	291	4,547	3,516	9,176	18,425	9,250	----------
	1931	355	5,221	5,321	11,974	26,012	14,038	----------
	1929	392	6,035	6,760	18,013	35,951	17,938	3,196
STONE, CLAY, AND GLASS PRODUCTS								
Industries using stone as a material, total.	1933	2,516	58,226	51,875	91,736	261,044	169,308	----------
	1931	3,762	84,787	107,105	165,666	463,441	297,774	----------
	1929	5,146	116,411	171,790	268,246	751,210	482,965	1,856,952
	1927	5,156	126,569	187,879	303,632	787,843	484,211	1,872,639
	1925	4,852	123,699	178,644	300,793	779,031	478,238	1,365,906
Concrete products	1933	766	4,422	3,592	9,289	20,538	11,249	----------
	1931	1,432	9,253	10,728	22,373	53,192	30,819	----------
	1929	2,438	16,505	22,688	34,035	92,901	58,866	67,651
Marble, granite, slate, and other stone products.	1933	1,129	16,541	16,760	17,777	55,041	37,264	----------
	1931	1,588	27,700	41,051	34,405	119,395	84,990	----------
	1929	1,881	37,817	63,041	57,638	192,164	134,526	305,915
Lime	1933	167	5,972	4,079	6,543	16,200	9,657	----------
	1931	203	6,706	6,012	8,896	22,200	13,304	----------
	1929	237	8,554	9,476	13,908	35,816	21,908	90,276
Cement	1933	148	15,829	13,870	26,932	86,921	59,989	----------
	1931	164	24,317	29,884	56,098	148,845	92,747	----------
	1929	174	33,368	48,849	95,242	267,509	172,267	1,183,989
	1927	161	30,322	53,111	120,012	293,565	173,553	1,069,390
	1925	145	38,437	53,912	114,169	300,895	186,726	871,650
Wall board, insulating board, gypsum, and other plasters, and floor composition.	1933	161	4,404	3,457	8,984	26,725	17,741	----------
	1931	204	5,866	6,482	17,869	51,720	33,852	----------
	1929	236	7,462	10,080	28,313	70,663	42,350	142,354
Abrasive wheels, stones, paper, and cloth, and related products. [1]	1933	77	4,890	4,981	11,349	30,159	18,810	----------
	1931	73	4,614	5,540	11,727	31,847	19,919	----------
Asbestos products, other than steam packing or pipe and boiler covering.	1933	58	6,084	5,075	10,789	25,255	14,466	----------
	1931	67	6,009	6,452	13,837	35,174	21,337	----------
	1929	67	8,092	10,777	25,408	56,164	30,756	40,458
Sand-lime brick	1933	10	84	61	74	205	131	----------
	1931	31	322	357	461	1,268	806	----------
	1929	40	566	776	945	2,971	2,026	7,346
Industries using clay and other earths as materials, total.	1933	1,374	58,456	39,486	38,424	122,831	84,406	----------
	1931	1,807	80,969	75,223	59,977	209,286	149,309	----------
	1929	2,370	133,668	158,476	122,823	441,270	318,447	641,300
	1927	2,598	148,850	182,466	156,264	488,559	332,295	707,248
	1925	2,688	150,953	189,012	155,937	502,770	346,833	700,775
Clay products (other than pottery) and nonclay refractories.	1933	928	31,044	18,967	19,904	64,603	44,699	----------
	1931	1,264	51,128	44,368	36,969	127,336	90,367	----------
	1929	1,760	93,657	107,348	82,734	297,879	215,145	535,567
	1927	1,857	101,230	122,311	100,642	321,890	221,248	531,269
	1925	1,950	103,061	127,508	100,768	335,822	235,054	518,680
Pottery, including porcelain ware.	1933	231	23,632	17,891	12,179	43,718	31,539	----------
	1931	275	27,023	26,981	16,393	55,866	39,473	----------
	1929	313	35,409	43,656	27,007	110,622	83,615	61,868
China firing and decorating, not done in potteries.	1933	14	152	127	378	762	384	----------
	1931	21	220	236	551	1,128	577	----------
	1929	27	317	420	640	1,554	914	53
Graphite, ground and refined.	1933	10	168	146	763	1,490	727	----------
	1931	9	183	183	976	1,962	986	----------
	1929	11	494	627	1,458	3,760	2,302	3,156
Minerals and earths, ground or otherwise treated.	1933	107	1,874	1,565	4,389	9,684	5,295	----------
	1931	88	1,090	1,127	3,817	7,295	3,478	----------
	1929	88	1,679	2,188	8,938	17,409	8,471	39,117

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
STONE, CLAY, ETC.—Continued								
Statuary and art goods (except concrete), factory production.	1933	84	686	789	721	2,574	1,853	----------
	1931	150	1,325	2,328	1,271	5,700	4,429	----------
	1929	171	2,112	4,236	2,045	10,045	8,000	1,539
Glass and manufactures of glass, total.	1933	638	56,317	50,781	81,995	224,825	142,830	----------
	1931	839	57,100	66,531	90,824	252,592	161,767	----------
	1929	998	78,338	102,552	135,272	368,934	233,663	356,150
	1927	919	74,598	93,928	134,879	336,147	201,268	329,244
	1925	938	78,384	99,356	146,697	358,851	212,154	281,476
Glass	1933	213	49,797	45,222	63,410	191,948	128,538	----------
	1931	229	49,917	57,882	73,575	216,265	142,690	----------
	1929	263	67,527	87,795	103,294	303,819	200,525	341,979
	1927	269	65,825	81,353	109,911	282,394	172,483	318,298
	1925	310	69,371	86,736	115,652	295,959	182,307	271,639
Mirrors and other glass products made of purchased glass.	1933	425	6,520	3,559	18,585	32,877	14,292	----------
	1931	610	7,183	8,650	17,250	36,327	19,077	----------
	1929	735	10,811	14,757	31,978	65,116	33,138	14,171
IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY								
Crude iron and steel and rolled products, total.	1933	466	288,945	270,367	876,046	1,357,574	481,529	----------
	1931	526	278,206	357,645	1,091,015	1,714,214	623,199	----------
	1929	591	419,534	730,974	2,514,377	4,137,214	1,622,837	7,532,530
	1927	602	389,270	645,534	2,269,210	3,488,744	1,219,534	6,781,058
	1925	595	399,914	660,297	2,429,378	3,711,354	1,281,976	6,143,927
Blast-furnace products.	1933	72	12,098	11,564	183,957	213,685	29,729	----------
	1931	80	13,572	19,259	259,132	311,371	52,240	----------
	1929	105	24,960	41,959	610,294	771,425	161,132	[15]
	1927	116	27,958	44,258	579,655	708,904	129,349	[15]
	1925	122	29,188	45,312	617,417	765,286	147,869	1,380,394
Steel works and rolling-mill products.	1933	394	276,847	258,803	692,089	1,143,889	451,800	----------
	1931	446	264,634	338,387	831,884	1,402,843	570,959	----------
	1929	486	394,574	689,016	1,904,083	3,365,789	1,461,706	[16]7,532,530
	1927	486	361,312	601,275	1,689,655	2,779,840	1,090,185	[16]6,781,058
	1925	473	370,726	614,985	1,811,961	2,946,068	1,134,107	4,763,533
Other iron and steel products, total.[17]	1933	4,667	265,166	230,012	524,784	1,105,426	580,642	----------
	1931	5,439	319,747	347,480	716,355	1,563,191	847,537	----------
	1929	6,049	461,348	650,013	1,348,497	3,000,714	1,652,217	1,668,292
	1927	5,738	445,697	618,278	1,275,405	2,708,850	1,433,445	1,541,672
	1925	5,408	450,869	623,544	1,304,707	2,747,327	1,442,621	1,374,799
Bolts, nuts, washers, and rivets, not made in rolling mills.[18]	1933	103	8,486	7,155	15,350	32,874	17,523	----------
	1931	116	10,518	10,177	16,872	39,483	22,611	----------
	1929	117	16,175	22,116	44,212	102,392	58,180	66,343
Cast-iron pipe and fittings.	1933	71	9,454	5,847	8,992	20,916	11,924	----------
	1931	78	16,066	14,559	20,977	47,938	26,960	----------
	1929	72	19,741	22,552	34,289	80,261	45,971	69,757
Doors, shutters, and window sash and frames, molding, and trim, metal.	1933	125	3,572	3,123	5,953	13,377	7,423	----------
	1931	139	6,816	8,898	14,572	35,608	21,036	----------
	1929	148	9,557	17,065	30,178	72,160	41,982	25,027
Forgings, iron and steel, not made in plants operated in connection with steel works or rolling mills.[19]	1933	181	7,953	7,354	16,896	32,523	15,627	----------
	1931	202	9,971	11,444	22,657	47,700	25,043	----------
	1929	218	20,882	34,505	71,607	156,249	84,642	147,491

[15] Not reported separately; included with "Steel works and rolling-mill products."
[16] Combined total for "Blast-furnace products" and "Steel works and rolling-mill products."
[17] Figures for 1929 and prior years include "Iron and steel, processed", abandoned as a separate industry classification in 1931 and, beginning with that year, included with "Foundry and machine-shop products, not elsewhere classified," in the machinery group.
[18] Similar products are manufactured to a considerable extent by departments of "Steel works and rolling-mill products" industry. The figures here given refer only to establishments engaged primarily in the manufacture of the specified classes of products.

No. 760.—Manufactures: Summary for Individual Industries—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
IRON AND STEEL, ETC.—Continued								
Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.[13]	1933	39	1,695	1,590	2,704	6,973	4,269	
	1931	46	1,570	1,670	2,982	6,828	3,846	
	1929	55	2,027	2,553	5,956	12,855	6,899	9,096
Springs, steel, except wire, not made in plants operated in connection with rolling mills.[14 13]	1933	60	2,112	1,972	5,543	10,413	4,869	
	1931	*77*	*2,561*	*2,101*	*6,367*	*12,614*	*6,248*	
	1931	98	2,938	3,634	7,541	15,158	7,617	
	1929	86	5,842	9,314	25,372	46,672	21,300	24,318
Steel barrels, kegs, and drums.	1933	58	6,517	6,026	18,035	30,399	12,364	
	1931	52	3,253	3,513	12,990	21,644	8,654	
	1929	53	4,110	5,769	21,947	37,825	15,878	15,289
Structural and ornamental metal work, not made in plants operated in connection with rolling mills.[13]	1933	962	21,377	18,624	63,169	107,612	44,443	
	1931	1,302	37,510	47,875	131,649	238,033	106,384	
	1929	1,482	54,947	87,786	244,696	477,037	232,341	266,175
	1927	1,284	52,392	84,578	243,446	440,376	196,930	251,670
	1925	1,136	48,341	77,411	237,653	420,998	183,345	211,732
Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.[13]	1933	44	6,552	5,580	20,821	34,957	14,135	
	1931	51	8,045	9,890	42,291	75,041	32,749	
	1929	50	11,417	18,762	70,121	124,659	54,538	68,630
Firearms	1933	22	3,382	3,164	2,169	9,214	7,045	
	1931	24	4,264	4,711	2,501	10,611	8,110	
	1929	21	6,838	9,210	4,117	21,970	17,853	15,427
Galvanizing and other coating, not done in plants operated in connection with rolling mills.[13]	1933	54	761	661	1,164	2,691	1,527	
	1931	60	1,011	1,170	1,669	4,060	2,391	
	1929	65	1,125	1,564	3,939	7,667	3,727	2,266
Hardware, not elsewhere classified.	1933	381	32,550	26,937	30,040	85,077	55,037	
	1931	451	36,118	37,269	38,318	115,900	77,582	
	1929	485	52,306	67,702	76,480	229,478	152,997	112,705
	1927	485	47,834	60,827	71,877	208,254	136,377	99,674
	1925	476	52,349	65,562	77,503	225,053	147,550	98,278
Plumbers' supplies, not including pipe or vitreous-china sanitary ware.	1933	232	15,893	12,922	17,561	46,886	29,325	
	1931	238	19,088	20,440	26,003	70,936	44,933	
	1929	255	27,960	37,067	49,033	129,674	80,641	100,821
Safes and vaults	1933	21	933	643	938	2,918	1,980	
	1931	25	2,044	2,176	4,073	11,607	7,534	
	1929	27	3,033	4,439	6,392	19,362	12,970	10,806
Screw-machine products and wood screws.	1933	255	10,236	8,950	13,485	33,449	19,964	
	1931	275	12,047	13,478	16,142	43,698	27,556	
	1929	273	19,881	28,987	39,463	105,975	66,512	64,840
Steam and hot-water heating apparatus and steam fittings.	1933	227	22,301	19,541	20,061	69,234	49,173	
	1931	238	28,996	29,558	29,704	102,501	72,797	
	1929	240	39,621	58,975	72,708	228,310	155,602	137,339
	1927	232	42,893	64,851	76,835	225,158	148,323	132,723
	1925	225	43,260	63,979	77,357	228,930	151,573	109,313
Stoves and ranges (other than electric), and warm-air furnaces.	1933	543	30,193	26,969	46,284	117,737	71,453	
	1931	589	32,580	35,275	61,833	169,106	107,273	
	1929	609	46,616	65,147	100,747	271,747	171,000	113,100
	1927	564	45,180	64,327	93,096	258,286	165,190	100,009
	1925	564	46,514	66,299	95,873	264,303	168,430	94,126
Tin cans and other tinware, not elsewhere classified.[15]	1933	194	23,343	22,693	137,046	207,946	70,900	
	1931	199	25,271	27,978	149,121	223,634	74,513	
	1929	232	31,497	38,173	194,987	296,901	101,915	77,332
	1927	236	29,721	35,001	169,421	253,479	84,057	64,005
	1925	221	29,901	34,392	175,779	260,360	84,581	48,728

[14] Because of changes in classification, the statistics for 1931 and prior years are not strictly comparable with those for 1933. The figures in italics for 1931 have been adjusted for comparison with those for 1933.

[13] Similar products are manufactured to a considerable extent by departments of "Steel works and rolling-mill products" industry. The figures here given refer only to establishments engaged primarily in the manufacture of the specified classes of products.

[15] "Tin plate and terneplate" is treated as part of the "Steelworks and rolling-mill products" industry.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
IRON AND STEEL, ETC.—Continued								
Tools and cutlery:								
Cutlery (not including silver and plated cutlery) and edge tools.	1933	200	10,807	8,848	8,647	38,718	30,071	----------
	1931	221	12,485	12,194	8,983	52,337	43,354	----------
	1929	239	14,991	17,651	14,789	78,661	63,872	49,886
Files	1933	23	2,634	2,431	1,567	7,391	5,824	----------
	1931	26	3,016	2,719	1,221	7,316	6,095	----------
	1929	33	3,974	5,240	3,053	14,114	11,062	12,091
Saws	1933	71	2,528	2,347	3,003	9,926	6,923	----------
	1931	78	3,005	3,084	4,035	11,572	7,537	----------
	1929	81	4,137	5,727	6,884	22,615	15,731	11,894
Tools, not including edge tools, machine tools, files, or saws.	1933	294	9,598	8,158	10,521	34,199	23,678	----------
	1931	356	10,833	11,209	13,725	42,417	28,692	----------
	1929	534	19,305	25,808	32,111	99,462	67,352	65,965
Wire drawn from purchased rods.	1933	78	14,650	14,321	39,615	75,476	35,861	----------
	1931	82	14,476	17,179	45,187	83,370	38,183	----------
	1929	81	22,467	35,110	126,182	213,997	87,815	150,620
	1927	73	19,866	30,038	128,092	190,710	62,617	152,574
	1925	68	18,544	26,928	127,251	184,463	57,212	138,115
Wirework, not elsewhere classified.	1933	429	17,033	14,155	35,220	74,520	39,300	----------
	1931	494	17,226	17,382	40,308	86,694	46,386	----------
	1929	547	22,388	27,912	68,144	146,805	78,661	48,864
NONFERROUS METALS AND THEIR PRODUCTS								
Smelting and refining, total.	1933	214	18,236	17,023	302,328	359,012	56,684	----------
	1931	237	21,906	27,064	401,151	484,682	83,530	----------
	1929	250	36,046	56,447	1,344,040	1,519,642	175,601	618,485
	1927	228	34,087	50,515	935,014	1,086,153	151,138	481,441
	1925	238	37,194	54,793	1,070,193	1,244,506	174,313	[2]479,412
Primary, total	1933	59	14,567	13,549	231,885	273,286	41,401	----------
	1931	76	18,477	22,716	335,713	408,589	72,876	----------
	1929	75	30,981	49,239	1,199,025	1,345,800	146,775	596,081
	1927	69	30,510	44,800	807,242	942,735	135,493	465,164
	1925	71	32,902	47,948	912,064	1,067,125	155,061	[2]455,496
Copper	1933	19	5,596	5,387	142,672	158,010	15,938	----------
	1931	27	8,642	10,708	226,520	269,384	42,864	----------
	1929	26	14,544	23,952	920,351	994,784	74,432	412,244
	1927	26	13,924	20,582	527,794	609,299	81,535	323,799
	1925	26	15,588	22,642	573,190	665,177	91,986	[2]321,909
Lead	1933	14	2,105	2,325	60,534	70,454	9,920	----------
	1931	16	2,584	3,569	78,745	90,726	11,982	----------
	1929	19	4,819	7,577	203,914	232,115	28,201	59,936
	1927	18	5,398	7,090	202,859	225,138	22,279	48,298
	1925	17	6,115	9,902	254,881	283,043	28,162	47,219
Zinc	1933	26	6,866	5,838	28,679	44,222	15,543	----------
	1931	33	7,251	8,439	30,449	48,479	18,030	----------
	1929	30	11,618	17,710	74,760	118,901	44,141	123,901
Secondary, total	1933	155	3,669	3,474	70,443	85,726	15,284	----------
	1931	161	3,429	4,348	65,438	76,093	10,655	----------
	1929	175	5,065	7,208	145,015	173,842	28,827	22,404
Gold, silver, and platinum, refining and alloying.	1933	61	745	980	39,036	44,604	5,567	----------
	1931	63	803	1,186	36,893	41,398	4,505	----------
	1929	69	931	1,634	61,570	67,959	6,389	4,230
Nonferrous metals other than gold, silver, and platinum, not from the ore.	1933	94	2,924	2,494	31,407	41,123	9,716	----------
	1931	98	2,626	3,162	28,546	34,695	6,150	----------
	1929	106	4,134	5,574	83,445	105,883	22,438	18,174
Metals and manufactures of metals, total.	1933	4,705	170,036	149,699	338,799	709,741	370,943	----------
	1931	6,073	186,949	213,113	461,036	964,580	503,544	----------
	1929	7,272	278,695	387,019	1,121,404	2,077,416	956,012	951,732
	1927	5,533	238,580	332,679	848,199	1,590,955	742,755	744,970
	1925	6,768	230,422	327,859	878,245	1,595,045	716,800	678,128

[2] Revised; revision not carried into total.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
NONFERROUS METALS, ETC.—Contd.								
Aluminum products	1933	109	13,634	11,900	34,027	61,464	27,437	
	1931	138	13,803	16,106	41,605	76,300	34,695	
	1929	150	21,210	29,693	94,036	153,457	59,421	107,846
Clocks, watches, time-recording devices, and materials and parts.[20]	1933	53	12,850	10,003	9,468	31,656	22,188	
	1931	75	16,213	15,686	12,880	45,563	32,683	
	1929	81	21,450	25,750	21,388	77,467	56,079	22,794
Collapsible tubes	1933	17	1,750	1,482	3,834	6,924	3,090	
	1931	17	1,737	1,634	4,142	7,634	3,492	
	1929	17	1,821	1,782	5,380	8,913	3,527	2,272
Watch cases	1933	20	1,169	1,006	760	2,657	1,897	
	1931	31	1,669	1,767	1,361	4,219	2,858	
	1929	40	3,404	4,626	4,631	13,491	8,860	5,681
Sheet-metal work, not specifically classified.	1933	1,229	13,050	12,668	35,463	68,807	33,344	
	1931	1,762	19,365	25,158	56,342	116,443	60,101	
	1929	2,161	28,503	43,255	112,648	222,486	109,837	53,749
	1927	1,981	24,527	38,668	98,386	191,129	92,743	35,880
	1925	2,107	24,996	37,825	84,080	175,043	90,963	35,273
Fire extinguishers, chemical.	1933	22	589	604	1,720	3,775	2,055	
	1931	25	571	617	1,796	4,453	2,656	
	1929	28	740	959	4,188	8,566	4,379	1,404
Stamped ware, enameled ware, and metal stampings; enameling, japanning, and lacquering.	1933	552	32,302	26,634	54,682	117,372	62,690	
	1931	566	28,378	30,662	53,018	122,696	69,078	
	1929	582	40,000	50,092	87,039	204,306	116,687	98,184
	1927	476	30,853	38,172	68,880	150,936	82,056	73,619
	1925	465	31,254	38,277	79,737	160,992	81,255	68,121
Lighting equipment	1933	357	10,538	9,506	19,241	46,173	26,933	
	1931	523	14,790	18,150	30,312	75,050	44,738	
	1929	614	23,580	33,269	57,918	144,966	87,047	40,209
Needles, pins, hooks and eyes, and snap fasteners.	1933	45	6,412	5,768	5,818	22,758	16,940	
	1931	46	5,354	5,667	4,842	20,342	15,500	
	1929	43	6,242	6,566	6,188	22,031	15,843	6,694
Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified.	1933	875	47,784	43,729	128,356	239,156	110,800	
	1931	1,056	48,913	55,109	195,338	331,439	136,101	
	1929	1,225	79,183	116,944	600,411	909,804	309,393	506,273
	1927	1,197	66,923	95,351	378,190	581,569	203,379	411,925
	1925	1,140	65,135	93,820	401,316	593,556	192,240	369,239
Gold leaf and foil	1933	31	608	348	684	1,402	718	
	1931	48	866	631	1,015	2,217	1,202	
	1929	75	1,177	1,134	1,933	3,978	2,045	383
Tin and other foils, not including gold foil.	1933	7	1,337	1,189	7,680	11,331	3,651	
	1931	8	[2] 1,218	998	7,383	12,226	4,843	
	1929	7	1,710	1,856	13,548	20,955	7,406	18,042
Jewelry[21]	1933	779	13,069	11,323	16,783	42,652	25,869	
	1931	1,052	16,724	20,231	28,684	75,123	46,438	
	1929	*1,426*	*25,287*	*35,485*	*66,506*	*155,544*	*89,037*	
	1929	1,536	27,922	37,980	79,805	177,387	97,582	27,402
Jewelers' findings and materials.[1] [21]	1933	60	1,811	1,604	5,503	9,250	3,747	
	1931	99	1,899	2,343	7,121	11,976	4,855	
Silverware and plated ware.	1933	126	9,177	8,229	12,425	34,333	21,907	
	1931	163	11,077	12,713	11,792	45,815	34,022	
	1929	179	15,735	22,578	26,886	85,882	58,997	36,224
Electroplating	1933	423	3,956	3,715	2,352	10,032	7,680	
	1931	464	4,107	5,642	2,802	13,084	10,282	
	1929	534	5,928	9,537	4,799	23,728	18,929	24,015
MACHINERY, EXCEPT TRANSPORTATION EQUIPMENT								
Agricultural implements.	1933	170	11,140	9,830	11,978	30,539	18,561	
	1931	219	17,529	19,106	32,244	84,288	52,044	
	1929	293	41,663	58,942	113,969	277,854	163,885	128,499
	1927	277	33,348	46,415	85,666	202,732	117,066	117,998
	1925	303	28,696	37,388	73,850	189,468	95,618	115,325

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[2] Revised; revision not carried into total.
[20] Not including watch cases.
[21] Establishments classified in the "Jewelers' findings and materials" industry for 1931 were, for the most part, classified in the "Jewelry" industry in prior years; figures for the latter industry for 1931 are, therefore, not strictly comparable with those for prior years. Figures shown in italics have been adjusted for comparison with those for 1931.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
MACHINERY, ETC.—Continued..								
Cash registers, and adding, calculating, and card tabulating machines.	1933	40	10,908	13,026	5,869	42,023	36,154	----------
	1931	41	12,176	14,982	6,260	56,474	51,205	----------
	1929	46	16,840	20,746	10,766	110,001	99,235	28,257
Electrical machinery, apparatus, and supplies. [22]	1933	1,209	130,857	115,750	212,514	553,431	340,918	----------
	1931	1,379	180,106	204,488	337,125	995,010	657,886	----------
	1931	*1,567*	*214,734*	*257,763*	*423,511*	*1,170,408*	*755,897*	----------
	1929	1,802	328,722	456,378	971,018	2,300,916	1,329,898	893,519
	1927	1,777	241,566	336,239	645,762	1,637,307	991,545	661,168
	1925	1,739	239,921	323,835	636,692	1,540,002	903,310	589,308
Elevators and elevator equipment. [23]	1933	90	3,078	3,044	5,060	11,380	5,711	----------
	1931	94	4,516	4,180	13,119	26,317	13,198	----------
Engines, turbines, tractors, water wheels, and windmills.	1933	177	23,535	23,584	40,464	91,031	50,567	----------
	1931	204	34,130	39,232	82,515	193,963	111,448	----------
	1929	214	62,702	100,850	206,472	465,858	259,386	291,570
	1927	231	55,696	86,672	168,436	375,393	206,956	245,396
	1925	235	52,490	75,415	149,189	321,572	172,413	227,572
Foundry and machine-shop products, not elsewhere classified. [24]	1933	6,081	216,439	201,940	287,608	788,195	500,587	----------
	1931	*7,021*	*277,029*	*320,001*	*432,621*	*1,226,851*	*793,231*	----------
	1931	7,221	284,909	328,459	452,551	1,265,619	814,068	----------
	1929	8,605	454,441	697,500	1,038,060	2,791,402	1,753,396	1,804,886
	1927	*8,095*	*398,672*	*590,994*	*878,771*	*2,268,653*	*1,389,882*	*1,550,240*
	1927	8,380	403,939	601,023	883,052	2,291,543	1,407,891	1,561,934
	1925	8,203	403,832	600,022	894,406	2,264,376	1,369,970	1,446,458
Machine-tool accessories and machinists' precision tools and instruments.	1933	587	12,757	14,159	10,882	44,383	33,501	----------
	1931	718	17,533	26,550	16,320	69,033	52,713	----------
	1929	722	26,682	51,085	26,993	144,411	117,418	64,398
Machine tools [25]	1933	232	12,714	12,596	10,844	41,433	30,589	----------
	1931	279	21,262	25,150	21,901	81,287	59,386	----------
	1929	280	47,391	70,410	64,284	244,578	180,294	141,778
	1927	*288*	*32,385*	*47,403*	*43,151*	*145,855*	*102,703*	*125,426*
	1927	355	35,269	52,366	46,115	159,513	113,398	131,670
	1925	329	30,831	46,711	43,826	144,202	100,376	118,819
Meters (gas, water, etc. and gas generators.)	1933	63	3,156	2,948	4,012	12,848	8,836	----------
	1931	70	4,954	5,750	7,217	23,050	15,833	----------
	1929	72	6,101	8,932	15,187	40,623	25,436	11,029
Pumps (hand and power) and pumping equipment.	1933	257	11,110	10,379	20,257	49,002	28,745	----------
	1931	308	15,156	17,107	33,735	84,353	50,619	----------
	1929	322	23,106	34,920	66,802	164,000	97,207	82,403
Refrigerators, and refrigerating and ice-making apparatus. [26]	1933	204	26,398	24,335	69,601	140,762	71,161	----------
	1931	227	26,116	32,350	88,562	199,427	110,865	----------
	1929	222	26,667	30,378	98,864	222,049	123,185	73,446
	1927	187	20,836	30,329	67,746	154,677	86,931	[2] 56,767
Radio apparatus and phonographs. [27]	1933	156	32,879	20,654	58,521	121,802	63,281	----------
	1931	217	36,496	35,146	88,403	193,143	104,740	----------

[2] Revised; revision not carried into total.

[22] Prior to 1931 this industry covered radio apparatus and tubes included for 1931 in a new classification, "Radio apparatus and phonographs." Figures for 1931 are, therefore, not comparable with those for prior years; figures shown in italics were adjusted for comparison with those for prior years.

[23] A new classification at the census for 1933, formerly a part of "Foundry and machine-shops products, n. e. c." The figures for 1931 were compiled for comparison with 1933.

[24] At the census for 1933 certain establishments formerly classified in this industry, were classified in the "Elevators and elevator equipment" and "Refrigerators and refrigerating and ice-making apparatus" industries, and the figures in italics for 1931 have been adjusted for comparison with 1933. At the census for 1929 certain establishments which had been formerly classified in this industry were classified as "Machine-tool accessories and machinists' precision tools and instruments." The figures in italics for 1927 were adjusted for comparison with 1929. This industry includes for 1931 and 1933 "Iron and steel processed", formerly treated as separate industry in the "Iron and steel" group. Figures for prior years have not been revised to include such data.

[25] For 1929 and 1931 certain establishments, formerly classified in this industry, were included in a new industry classification "Machine-tool accessories and machinists' precision tools and instruments." Figures for 1929 and 1931 are, therefore, not strictly comparable with those for prior years. Figures in italics have been adjusted for comparison with those for later years.

[26] This classification covers "Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment" and "Refrigerators, mechanical", formerly separate classifications in groups 3 and 13, respectively, and also includes, beginning 1931, statistics for a small number of establishments producing industrial ice-making and refrigerating machinery, formerly included in "Foundry and machine-shop products." As figures for 1927 and 1929 do not include the establishments producing industrial ice-making and refrigerating machinery, they are not comparable with those for later years.

[27] No comparable data for prior years. Radio apparatus was formerly included in "Electrical machinery, apparatus, and supplies" and "Phonographs", was a separate industry in the "Miscellaneous industries" group.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
MACHINERY, ETC.—Continued								
Scales and balances	1933	45	2,187	1,825	2,162	8,333	6,171	
	1931	54	2,814	3,233	3,644	*14,561*	*10,917*	
	1929	59	4,118	5,995	7,438	30,381	22,943	9,738
Sewing machines and attachments.	1933	30	6,313	6,034	2,862	12,926	10,064	
	1931	34	8,090	8,792	6,091	20,148	14,057	
	1929	39	10,467	14,976	16,458	45,095	28,636	29,659
Textile machinery and parts.	1933	314	18,576	18,737	18,378	60,323	41,945	
	1931	330	18,808	21,238	18,175	65,798	47,623	
	1929	376	27,019	37,836	36,556	122,439	85,882	66,539
Typewriters and parts	1933	14	9,591	7,565	3,256	16,465	13,208	
	1931	20	10,924	10,328	3,786	22,057	18,271	
	1929	26	16,945	22,319	7,249	*61,858*	*54,609*	23,383
Washing machines, wringers, driers, and ironing machines, for household use.	1933	41	6,056	6,362	24,361	44,542	20,181	
	1931	59	6,201	7,212	24,521	50,929	26,408	
	1929	65	8,189	12,072	40,707	82,330	41,623	26,732
TRANSPORTATION EQUIPMENT								
Motor vehicles, not including motorcycles.[25]	1933	122	97,869	103,785	767,768	1,096,946	329,178	
	1931	178	134,866	156,756	1,044,406	1,567,526	523,120	
	1929	*210*	*224,688*	*364,457*	*2,394,561*	*3,709,515*	*1,314,954*	*707,842*
	1929	244	226,116	366,579	2,401,512	3,722,793	1,321,282	713,912
	1927	264	187,910	321,664	1,889,426	2,848,443	959,017	725,674
	1925	297	197,728	341,210	2,108,192	3,198,123	1,089,931	509,758
Motor-vehicle bodies and motor-vehicle parts.[25]	1933	701	145,745	148,322	439,633	761,225	321,592	
	1931	940	150,649	193,770	516,945	945,407	428,461	
	1929	*1,188*	*222,760*	*368,625*	*863,937*	*1,551,208*	*687,271*	*830,775*
	1929	1,154	221,332	366,503	856,986	1,537,930	680,944	824,705
	1927	1,213	181,489	291,291	641,307	1,151,426	510,120	551,630
	1925	1,358	228,382	372,721	862,721	1,523,280	660,558	662,255
Motorcycles, bicycles, and parts.	1933	19	3,038	2,630	6,162	12,055	5,894	
	1931	19	3,294	3,563	5,520	13,697	8,177	
	1929	21	4,392	6,264	11,281	23,895	12,613	11,124
Carriages, wagons, sleighs, and sleds.[14]	1933	53	1,409	922	2,350	4,758	2,402	
	1931	*70*	*1,821*	*1,199*	*2,404*	*5,161*	*2,666*	
	1931	75	1,431	1,389	2,918	6,179	3,261	
	1929	88	2,873	3,418	8,458	16,450	7,992	14,899
Carriages, and sleds, children's.	1933	46	3,971	2,877	5,671	10,985	5,314	
	1931	59	4,159	4,479	7,091	16,769	9,679	
	1929	79	7,102	8,313	13,515	28,818	15,303	10,895
Aircraft and parts	1933	64	7,816	10,308	7,957	26,460	18,503	
	1931	101	9,870	15,481	13,101	40,278	27,177	
	1929	132	14,710	21,924	27,368	71,153	43,785	16,505
Locomotives, other than electric, not made in railroad repair shops.	1933	13	2,374	1,863	4,266	6,927	2,661	
	1931	16	5,443	5,590	14,871	22,119	7,248	
	1929	16	11,045	17,994	52,808	83,858	31,050	98,482
Cars, electric and steam railroad, not built in railroad repair shops.	1933	138	14,266	14,710	27,310	46,148	18,837	
	1931	152	18,785	25,553	59,754	99,657	39,903	
	1929	147	40,015	63,387	223,889	328,220	104,331	238,455
	1927	135	38,031	60,625	209,113	312,509	103,396	236,415
	1925	141	50,393	77,247	266,054	390,771	124,718	243,934
Ship and boat building, steel and wooden, including repair work.	1933	395	30,885	33,890	31,172	92,696	61,524	
	1931	518	46,262	62,028	72,322	186,993	114,671	
	1929	624	55,089	88,274	85,849	231,300	145,451	337,455
	1927	559	55,014	87,081	78,626	211,127	132,501	314,474
	1925	565	50,224	74,275	66,299	177,182	110,883	303,470

[14] Because of changes in classification, the statistics for 1931 and prior years are not strictly comparable with those for 1933. The figures in italics for 1931 have been revised for comparison with 1933.

[25] At the census for 1931 trailers were included for the first time in the classification "Motor-vehicle bodies and motor-vehicle parts"; formerly these were included in "Motor vehicles, not including motorcycles." The statistics for 1929 in italics have been revised for statistics comparison with 1931 and 1933.

No. 760. Manufactures: Summary for Individual Industries—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
RAILROAD REPAIR SHOPS								
Railroad repair shops, steam.	1933	1,586	220,760	257,767	176,757	461,801	285,045	----------
	1931	1,783	282,405	396,394	276,705	678,922	402,217	----------
	1929	1,851	368,681	590,203	515,562	1,184,436	668,873	1,076,723
	1927	1,794	397,088	600,517	515,070	1,205,191	690,120	1,037,464
	1925	1,842	425,234	619,834	533,908	1,248,867	714,959	934,839
Railroad repair shops, electric.	1933	315	21,116	26,883	15,080	44,231	29,142	----------
	1931	384	26,629	38,854	22,119	61,841	30,722	----------
	1929	446	29,475	47,109	32,781	85,482	52,700	76,424
MISCELLANEOUS INDUSTRIES								
Musical instruments, total.	1933	170	6,106	5,097	5,424	15,715	10,292	----------
	1931	230	10,003	11,152	10,762	32,207	21,444	----------
	1929	316	18,625	25,782	30,030	79,981	49,951	49,092
Musical instruments and parts and materials, not elsewhere classified.	1933	72	2,004	1,678	1,624	5,114	3,490	----------
	1931	88	2,593	3,053	2,238	8,114	5,875	----------
	1929	106	3,176	4,581	3,825	14,274	10,449	6,060
Organs	1933	29	574	510	387	1,627	1,240	----------
	1931	42	1,460	1,763	1,627	5,710	4,083	----------
	1929	62	2,389	3,604	3,091	11,323	8,232	4,740
Pianos	1933	36	2,700	2,382	2,828	7,243	*4,415*	----------
	1931	50	4,737	5,157	5,892	15,293	9,401	----------
	1929	81	9,970	14,001	18,866	42,501	23,635	27,193
Piano and organ materials.	1933	33	768	527	584	1,732	1,148	----------
	1931	50	*1,213*	1,178	1,005	3,090	2,085	----------
	1929	67	3,090	3,597	4,248	11,883	7,635	11,099
Tobacco manufactures, total.	1933	804	87,325	50,933	[29] 659,095	909,082	249,987	----------
	1931	1,228	99,769	69,411	[29] 785,502 / *863,476*	1,155,851	370,349	----------
	1929	1,788	116,119	94,579	429,272	1,245,242	[30]	64,984
	1927	2,156	129,299	105,251	420,667	1,163,768	[30]	52,385
	1925	2,623	132,132	111,558	425,769	1,091,001	[30]	42,075
Tobacco: Chewing and smoking, and snuff.	1933	112	10,223	7,037	[29] 82,946	131,935	48,988	----------
	1931	126	11,441	8,673	[29] 111,158 / *66,878*	169,113	57,955	----------
	1929	152	10,811	8,955	72,494	170,333	[30]	15,467
Cigarettes [31]	1933	27	22,544	13,835	[29] 503,560	637,776	134,216	----------
	1931	40	20,146	14,604	[29] 550,049 / *193,842*	759,389	204,340	----------
	1929	49	21,142	18,401	218,424	755,245	[30]	34,420
	1927	37	21,618	18,119	187,342	626,557	[30]	[32]
Cigars [31]	1933	665	54,558	30,061	[29] 72,580	139,372	66,783	----------
	1931	1,063	68,182	46,074	[29] 119,295 / *108,761*	227,349	108,054	----------
	1929	1,587	84,165	67,222	138,354	311,664	[30]	15,097
	1927	1,960	94,556	76,470	148,014	338,967	[30]	[32]
Cigarettes and cigars [33]	1925	2,445	117,108	99,373	331,351	874,815	[30]	24,534
Other industries, total.	1933	7,705	167,652	148,321	333,795	752,560	418,765	----------
	1931	10,300	190,924	222,452	484,315	1,124,577	640,262	----------
	1929	12,508	282,666	380,173	899,978	2,099,872	1,199,894	550,213
	1927	11,786	282,298	383,751	904,627	2,021,945	1,117,318	731,445
	1925	11,191	271,555	348,762	851,795	1,863,381	1,011,585	638,790

[29] Figures include internal-revenue tax; figures in italics for 1931 exclude internal-revenue tax and are comparable with those for earlier years.

[30] No comparable figure because of the fact that the amount of internal-revenue tax is included in the "Cost of materials" for 1931 and 1933, but not for prior years, while this tax is included in the figures for "Value of products" for all years. ("Value added by manufacture" equals "value of products" less cost of materials, etc.")

[31] Separate data for cigarettes and cigars for 1925 are not available; combined data are shown below.

[32] Combined figure for cigarettes and cigars for 1927 is 35,810; separate figures are not available.

[33] Separate statistics for cigarettes and cigars for later years are shown above.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
MISCELLANEOUS INDUSTRIES—Contd.								
Artificial and preserved flowers and plants.	1933	131	2,338	1,567	2,481	6,445	3,964	----------
	1931	158	2,348	2,140	3,415	9,035	5,620	----------
	1929	191	3,216	3,218	5,527	14,425	8,898	625
Artists' materials	1933	56	844	727	2,014	4,961	2,947	----------
	1931	65	838	891	2,137	5,823	3,686	----------
	1929	68	1,167	1,429	4,155	9,460	5,304	3,307
Brooms	1933	260	3,757	2,111	4,601	9,073	4,472	----------
	1931	*334*	*4,086*	[2] *3,320*	*6,264*	*13,135*	*6,871*	----------
	1929	407	4,542	4,169	9,648	19,166	9,519	4,672
Brushes, other than rubber.	1933	221	5,809	4,821	12,200	24,576	12,376	----------
	1931	264	5,891	5,992	14,228	30,827	16,600	----------
	1929	303	7,261	7,963	21,688	45,549	23,861	11,915
Buttons	1933	200	9,888	6,706	8,614	22,412	13,798	----------
	1931	212	8,224	6,061	8,303	21,525	13,221	----------
	1929	242	9,034	8,814	11,501	28,978	17,477	14,615
Carbon paper and inked ribbons.	1933	47	1,171	1,243	5,157	11,225	6,069	----------
	1931	54	1,198	1,463	6,034	13,476	7,442	----------
	1929	57	1,251	1,702	7,991	17,295	9,304	3,642
Combs and hairpins, not made from metal or rubber.	1933	17	411	279	471	911	441	----------
	1931	23	653	571	837	1,917	1,080	----------
	1929	24	650	641	1,007	2,482	1,476	1,015
Dentists' supplies and equipment, except instruments.	1933	79	3,120	2,452	6,945	16,437	9,492	----------
	1931	84	3,874	3,949	9,362	24,005	14,643	----------
	1929	87	4,559	5,359	17,327	35,180	17,853	6,216
Feathers, plumes, and manufactures thereof.	1933	40	322	265	227	835	608	----------
	1931	53	527	550	588	1,898	1,310	----------
	1929	39	257	310	386	1,141	755	100
Foundry supplies	1933	40	334	315	1,326	2,788	1,462	----------
	1931	52	428	492	2,080	3,998	1,918	----------
	1929	59	853	1,256	5,535	10,459	4,924	9,396
Fur goods	1933	1,483	8,210	11,500	50,061	80,524	30,464	----------
	1931	*2,354*	*12,358*	*24,703*	*102,634*	*164,749*	*62,115*	----------
	1929	2,855	15,752	33,330	176,107	277,593	101,486	5,511
	1927	2,756	16,640	37,671	195,328	299,615	104,292	5,655
	1925	2,000	16,556	35,164	169,316	254,266	94,950	4,985
Furs, dressed and dyed	1933	181	5,364	6,246	9,540	24,948	15,408	----------
	1931	243	5,160	7,968	16,221	37,873	21,652	----------
	1929	248	5,167	8,596	18,649	40,237	21,588	10,769
Hair work	1933	37	228	188	306	986	679	----------
	1931	52	267	288	311	1,184	874	----------
	1929	59	359	452	538	1,694	1,156	44
Hand stamps and stencils, and brands.	1933	256	2,196	2,062	1,855	7,637	5,782	----------
	1931	288	2,496	3,371	2,395	10,045	7,651	----------
	1929	332	2,971	4,081	3,811	15,036	11,225	3,596
Hats, straw, men's	1933	46	3,147	2,056	5,217	9,947	4,730	----------
	1931	50	2,823	2,784	7,253	13,892	6,639	----------
	1929	50	3,380	3,688	8,705	18,739	10,034	1,836
Instruments, professional and scientific, and gauges, except machinists' gages.	1933	210	6,211	6,712	6,300	25,287	18,987	----------
	1931	270	9,136	11,115	10,141	40,734	30,593	----------
	1929	276	16,876	22,682	28,411	89,746	61,335	22,816
Jewelry and instrument cases.	1933	62	1,095	841	1,135	3,096	1,961	----------
	1931	92	1,398	1,414	1,941	4,919	2,978	----------
	1929	113	2,269	2,473	3,324	8,827	5,502	1,503
Lapidary work	1933	34	107	124	483	823	340	----------
	1931	53	205	340	1,378	2,475	1,097	----------
	1929	100	506	1,002	8,235	11,942	3,708	474
Mattresses and bed springs, not elsewhere classified.	1933	645	13,260	10,694	32,491	59,724	27,233	----------
	1931	781	13,622	14,702	37,509	77,508	39,999	----------
	1929	951	17,187	22,584	61,527	123,280	61,753	50,554

[2] Revised; revision not carried into total.

No. 760.—MANUFACTURES: SUMMARY FOR INDIVIDUAL INDUSTRIES—Continued

Industry	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
MISCELLANEOUS INDUSTRIES—Contd.								
Miscellaneous articles, not elsewhere classified.[6]	1933	557	13,024	9,615	16,174	40,900	24,726	----------
	1931	709	13,892	13,119	22,380	55,133	32,754	----------
	1929	835	19,113	19,465	35,657	86,649	50,992	11,713
Models and patterns, not including paper patterns.	1933	422	2,795	3,525	1,483	8,627	7,145	----------
	1931	649	4,332	7,378	2,787	16,192	13,405	----------
	1929	804	6,778	13,234	5,314	30,021	25,307	12,378
Optical goods	1933	103	7,598	7,300	8,155	26,214	18,059	----------
	1931	102	7,446	8,756	7,524	27,887	20,364	----------
	1929	117	9,701	12,634	11,859	40,562	28,703	15,620
Paving materials: Blocks (except brick and stone), and mixtures.	1933	93	1,151	1,215	6,287	10,050	4,063	----------
	1931	97	1,081	1,556	8,587	16,003	7,416	----------
	[2]1929	77	1,376	2,187	11,998	22,060	10,062	11,100
Pencils, lead (including mechanical).	1933	25	3,469	2,699	4,109	11,569	7,460	----------
	1931	26	3,459	3,177	5,202	13,959	8,757	----------
	1929	38	5,703	6,202	10,756	27,773	17,017	9,921
Pens, fountain and stylographic; pen points, gold, steel, and brass.	1933	54	3,099	2,341	4,124	11,598	7,473	----------
	1931	68	3,945	4,364	7,219	23,799	16,579	----------
	1929	76	4,600	5,304	11,459	34,211	22,752	4,235
Photographic apparatus and materials and projection apparatus.	1933	84	8,975	10,155	11,985	53,860	41,875	----------
	1931	110	10,609	13,082	20,868	79,506	58,639	----------
	1929	115	12,967	20,507	30,393	102,827	72,435	31,904
Pipes (tobacco)	1933	22	1,362	1,145	960	3,274	2,314	----------
	1931	24	1,677	1,761	1,776	5,522	3,747	----------
	1929	24	1,680	1,961	1,749	5,558	3,809	2,276
Roofing, built-up and roll; asphalt shingles; roof coatings, other than paint.	1933	74	4,418	4,436	23,893	44,833	20,940	----------
	1931	83	4,123	5,331	32,706	58,963	26,257	----------
	1929	102	6,027	8,052	61,392	103,506	42,115	33,791
Signs and advertising novelties.	1933	848	12,044	11,577	15,312	47,144	31,832	----------
	1931	1,078	14,463	18,485	21,297	74,681	53,384	----------
	1929	1,239	20,000	27,901	35,701	118,044	82,343	19,027
Soda fountains and accessories.	1933	40	816	948	2,649	6,035	3,386	----------
	1931	47	1,563	2,100	5,236	14,606	9,370	----------
	1929	54	2,764	3,022	10,490	24,510	14,020	5,271
Sporting and athletic goods, not including firearms or ammunition.	1933	176	8,215	6,523	10,570	25,267	14,698	----------
	1931	217	10,176	11,219	20,099	49,257	29,159	----------
	1929	242	10,793	13,135	24,432	58,289	33,806	18,039
Stationery goods, not elsewhere classified.[1]	1933	86	3,467	2,738	6,818	14,241	7,423	----------
	[2]1931	128	5,088	5,345	12,211	27,196	14,985	----------
Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.	1933	129	4,575	4,006	9,183	20,275	11,092	----------
	1931	141	4,705	5,174	11,297	25,401	14,103	----------
	1929	171	7,266	9,660	21,596	45,433	23,837	30,881
Surgical and orthopedic appliances and related products.	1933	250	6,958	6,119	28,846	51,442	22,596	----------
	1931	326	6,740	7,271	22,954	51,012	28,058	----------
	1929	363	7,910	8,922	36,005	71,607	35,602	13,407
Theatrical scenery and stage equipment.	1933	40	312	397	617	2,044	1,427	----------
	1931	45	365	049	1,218	3,003	1,784	----------
	1929	55	547	992	2,098	5,508	3,409	618
Toys, games, and playground equipment.[34]	1933	285	12,484	8,877	17,119	37,222	20,103	----------
	1931	380	13,231	12,380	21,515	53,601	32,086	----------
	1929	476	16,660	17,661	29,982	74,829	44,847	25,642
Umbrellas, parasols, and canes.	1933	80	2,155	1,531	4,972	8,259	3,287	----------
	1931	93	1,852	1,611	5,136	9,115	3,979	----------
	1929	141	2,855	2,768	10,907	17,994	7,087	3,069
Window shades and fixtures.	1933	312	2,903	2,264	9,115	16,170	7,055	----------
	1931	448	3,119	3,313	11,198	20,562	9,364	----------
	1929	482	4,708	5,624	19,785	36,966	17,179	8,389

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[2] Revised; revision not carried into total.
[6] Owing to a change in classification, data for 1929 are not strictly comparable with data for later years.
[34] Not including children's wheel goods or sleds.

Source: Bureau of the Census, Department of Commerce.

No. 761.—SUMMARY FOR ALL MANUFACTURING INDUSTRIES COMBINED: BY GEOGRAPHIC DIVISIONS AND STATES

NOTE.—The United States totals for 1927 to 1931 have been re ised to exclude statistics for "Coffee and spices, roasting and grinding" and "Peanuts, walnuts, and other nuts, processed or shelled", no data having been collected for these industries at the 1933 census. No data for "Coffee and spices, roasting and grinding" were collected for the United States as a whole at the 1925 census, and there are no comparable figures for "Peanuts, walnuts, and other nuts, processed or shelled" for years prior to 1927. These revisions have been made for divisions and States for the years 1929 and 1931 only. Data for "Poultry killing and dressing" are included for all years except 1927, for which year this industry was not canvassed. Statistics for horsepower were not collected for 1931 and 1933

Division and State	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
United States	1933	141, 769	6, 055, 736	5, 261, 576	16, 820, 822	31, 358, 840	14, 538, 018	----------
	1931	174, 255	6, 506, 701	7, 173, 232	21, 680, 760	41, 038, 402	19, 357, 643	----------
	1929	209, 862	8, 821, 757	11, 607, 287	38, 177, 900	69, 960, 910	31, 783, 010	42, 869, 403
	1927[1]	*190, 938*	*8, 334, 184*	*10, 856, 978*	*34, 302, 594*	*62, 278, 116*	*27, 475, 522*	*38, 789, 138*
	1927[1]	191, 866	8, 349, 755	10, 848, 803	35, 133, 137	62, 718, 347	27, 585, 210	38, 825, 681
	1925	187, 390	8, 384, 261	10, 729, 969	35, 935, 648	62, 713, 714	26, 778, 066	35, 772, 628
New England	1933	14, 012	798, 282	685, 362	1, 469, 804	3, 073, 140	1, 603, 336	----------
	1931	16, 338	849, 618	896, 949	1, 823, 182	3, 901, 626	2, 078, 444	----------
	1929	18, 230	1, 097, 986	1, 345, 721	3, 142, 745	6, 377, 943	3, 235, 199	4, 684, 540
	1927	17, 745	1, 098, 748	1, 328, 650	3, 048, 863	6, 028, 475	2, 979, 612	4, 566, 155
	1925	18, 173	1, 122, 216	1, 339, 310	3, 203, 911	6, 140, 063	2, 936, 153	4, 349, 191
Middle Atlantic	1933	43, 831	1, 745, 624	1, 637, 201	4, 672, 407	9, 333, 966	4, 661, 558	----------
	1931	*56, 856*	*1, 959, 556*	*2, 360, 519*	*6, 372, 204*	*12, 890, 827*	*6, 518, 623*	----------
	1929	64, 528	2, 560, 069	3, 637, 674	11, 085, 616	21, 235, 221	10, 149, 605	11, 612, 902
	1927	62, 276	2, 467, 791	3, 491, 680	10, 488, 832	19, 533, 075	9, 044, 243	10, 968, 754
	1925	58, 895	2, 491, 039	3, 434, 610	10, 682, 358	19, 409, 491	8, 727, 133	10, 106, 390
East North Central	1933	32, 256	1, 600, 969	1, 494, 447	4, 722, 617	8, 845, 121	4, 122, 504	----------
	1931	39, 113	1, 755, 362	2, 055, 248	6, 084, 469	11, 781, 372	5, 696, 903	----------
	1929	46, 233	2, 539, 925	3, 736, 127	11, 614, 800	21, 568, 789	9, 953, 989	12, 591, 913
	1927	43, 071	2, 309, 860	3, 340, 801	10, 525, 393	18, 988, 400	8, 463, 007	11, 056, 846
	1925	42, 888	2, 342, 709	3, 345, 804	10, 704, 884	19, 026, 814	8, 261, 929	*10, 047, 780*
West North Central	1933	12, 222	322, 871	287, 531	1, 480, 750	2, 381, 800	901, 050	----------
	1931	15, 026	362, 128	404, 791	1, 995, 888	3, 164, 079	1, 168, 191	----------
	1929	17, 084	470, 919	587, 222	3, 466, 220	5, 324, 138	1, 857, 918	2, 202, 727
	1927	16, 192	448, 192	550, 698	3, 170, 989	4, 733, 112	1, 562, 123	2, 033, 074
	1925	16, 280	452, 820	552, 702	3, 216, 616	4, 724, 411	1, 507, 795	1, 855, 278
South Atlantic	1933	12, 610	770, 805	498, 676	1, 731, 746	3, 059, 753	1, 328, 008	----------
	1931	15, 100	734, 069	582, 748	2, 002, 853	3, 576, 987	1, 574, 134	----------
	1929	20, 699	909, 114	824, 422	2, 772, 946	5, 221, 614	2, 448, 667	4, 305, 447
	1927	17, 029	879, 060	794, 265	2, 487, 871	4, 631, 952	2, 144, 081	3, 805, 038
	1925	16, 576	838, 334	757, 051	2, 549, 391	4, 532, 146	1, 982, 755	3, 384, 030
East South Central	1933	4, 939	263, 783	167, 217	535, 560	980, 595	445, 035	----------
	1931	6, 053	261, 676	208, 522	627, 706	1, 160, 836	533, 130	----------
	1929	9, 784	377, 032	348, 186	1, 073, 802	1, 993, 334	919, 731	1, 995, 266
	1927	7, 937	359, 542	331, 280	1, 025, 122	1, 808, 818	783, 696	1, 787, 386
	1925	8, 080	355, 995	322, 675	1, 042, 478	1, 808, 702	766, 224	1, 615, 183
West South Central	1933	6, 936	192, 885	143, 856	813, 184	1, 271, 447	458, 263	----------
	1931	8, 130	197, 843	191, 172	1, 015, 457	1, 525, 389	509, 932	----------
	1929	10, 420	294, 806	315, 007	1, 822, 358	2, 762, 462	940, 104	1, 744, 071
	1927	8, 208	267, 142	281, 156	1, 644, 155	2, 399, 410	755, 255	1, 419, 558
	1925	7, 887	265, 160	267, 875	1, 722, 382	2, 646, 506	824, 124	1, 316, 629
Mountain	1933	2, 869	59, 853	58, 494	257, 770	419, 489	161, 719	----------
	1931	3, 627	69, 920	87, 959	365, 222	576, 488	211, 266	----------
	1929	4, 293	102, 331	144, 315	886, 490	1, 235, 443	368, 954	937, 978
	1927	3, 919	94, 957	130, 304	659, 600	981, 091	321, 490	829, 256
	1925	3, 849	100, 374	134, 583	688, 350	1, 046, 318	357, 968	757, 974
Pacific	1933	12, 094	300, 865	288, 792	1, 136, 984	1, 993, 530	856, 546	----------
	1931	*14, 512*	*316, 520*	*395, 324*	*1, 393, 779*	*2, 460, 799*	*1, 067, 020*	----------
	1929	17, 991	469, 575	668, 613	2, 333, 123	4, 241, 965	1, 908, 842	2, 794, 559
	1927	15, 189	424, 463	599, 969	2, 082, 311	3, 614, 013	1, 531, 702	2, 359, 614
	1925	14, 762	415, 024	575, 269	2, 041, 255	3, 455, 241	1, 413, 986	2, 269, 169
New England:								
Maine	1933	995	59, 518	45, 867	115, 205	219, 119	103, 913	----------
	1931	1, 232	56, 300	55, 179	142, 204	259, 357	117, 152	----------
	1929	1, 565	70, 149	74, 189	217, 212	391, 558	174, 346	679, 114
	1927	1, 426	68, 142	74, 212	208, 866	372, 093	163, 228	628, 941
	1925	1, 500	73, 849	79, 777	205, 709	371, 849	166, 141	600, 787

[1] The 1927 figures in italics are revised totals comparable with figures for later years; figures not in italics are as previously published and are comparable with State figures for that year and with figures for 1925, which have not been revised (see headnote).

No. 761.—Summary for All Manufacturing Industries Combined: By Geographic Divisions and States—Continued

Division and State	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
New England—Contd.								
New Hampshire	1933	678	49,255	38,784	86,519	162,913	76,394	----------
	1931	848	53,044	51,807	112,739	210,074	97,335	----------
	1929	1,072	65,507	70,510	185,310	332,396	147,086	402,110
	1927	1,028	65,482	72,803	182,106	327,528	145,422	376,373
	1925	1,038	66,658	71,725	192,253	327,401	135,147	370,740
Vermont	1933	530	15,083	12,456	26,489	56,624	30,135	----------
	1931	701	18,725	20,021	37,411	80,594	43,183	----------
	1929	926	27,420	33,809	66,227	143,481	77,254	163,935
	1927	880	26,241	32,305	69,957	134,030	64,073	172,762
	1925	951	27,563	32,326	74,387	138,270	63,882	178,806
Massachusetts	1933	8,145	398,592	354,524	800,611	1,668,733	868,122	----------
	1931	9,274	483,974	473,649	1,005,402	2,144,593	1,139,191	----------
	1929	9,845	557,023	694,202	1,667,406	3,373,941	1,706,535	2,066,523
	1927	10,037	578,068	705,930	1,678,812	3,317,852	1,639,039	2,130,503
	1925	10,027	591,438	716,156	1,773,698	3,405,672	1,631,974	2,013,017
Rhode Island	1933	1,254	92,512	76,124	163,734	331,046	167,312	----------
	1931	1,472	95,424	96,023	198,265	409,524	211,258	----------
	1929	1,700	126,048	144,172	341,615	665,534	323,919	463,742
	1927	1,497	120,009	138,896	313,107	592,233	279,126	410,181
	1925	1,595	120,346	138,126	345,221	621,920	276,699	395,754
Connecticut	1933	2,410	183,322	157,608	277,246	634,705	357,459	----------
	1931	2,811	192,151	199,370	327,160	797,484	470,324	----------
	1929	3,122	251,839	328,839	664,975	1,471,034	806,059	909,116
	1927	2,877	240,806	304,504	596,014	1,284,739	688,724	847,395
	1925	3,062	242,362	301,200	612,642	1,274,952	662,309	790,087
Middle Atlantic:								
New York	1933	25,979	733,452	754,367	2,196,385	4,596,258	2,399,873	----------
	1931	34,432	846,804	1,103,664	3,102,818	6,500,401	3,397,583	----------
	1929	39,273	1,104,335	1,648,379	4,935,505	9,892,763	4,957,258	3,979,228
	1927	36,650	1,072,284	1,605,378	4,804,173	9,400,061	4,595,889	3,671,185
	1925	33,393	1,066,202	1,533,803	4,704,989	8,968,548	4,263,558	3,348,184
New Jersey	1933	5,759	295,574	283,242	878,933	1,686,129	807,196	----------
	1931	7,103	334,525	401,811	1,161,259	2,299,870	1,138,620	----------
	1929	8,374	442,177	610,404	2,157,268	3,923,262	1,765,993	1,644,667
	1927	8,312	408,093	570,309	1,956,597	3,417,450	1,460,853	1,496,935
	1925	8,204	425,377	576,236	2,086,855	3,539,181	1,452,326	1,384,234
Pennsylvania	1933	12,093	716,598	599,591	1,597,090	3,051,579	1,454,489	----------
	1931	14,711	778,227	845,045	2,108,128	4,090,548	1,982,419	----------
	1929	16,881	1,013,557	1,378,890	3,992,843	7,419,197	3,426,354	5,989,007
	1927	17,314	987,414	1,315,993	3,728,002	6,715,563	2,987,502	5,800,634
	1925	17,298	999,460	1,324,481	3,890,514	6,901,762	3,011,248	5,373,972
East North Central:								
Ohio	1933	8,101	472,699	439,753	1,234,187	2,374,653	1,140,467	----------
	1931	9,826	506,109	592,135	1,586,876	3,147,997	1,561,121	----------
	1929	11,800	740,240	1,101,158	3,112,721	5,995,007	2,882,285	4,336,685
	1927	10,961	669,097	968,181	2,877,126	5,230,323	2,353,197	3,734,761
	1925	11,137	676,742	975,812	3,029,686	5,347,522	2,317,836	3,482,618
Indiana	1933	3,373	198,940	172,055	569,878	1,040,148	470,270	----------
	1931	4,082	212,538	232,236	756,164	1,392,493	636,329	----------
	1929	5,072	314,623	418,693	1,401,543	2,537,363	1,135,820	1,858,328
	1927	4,726	280,717	375,218	1,227,169	2,153,479	926,311	1,602,113
	1925	4,772	280,854	365,003	1,257,961	2,125,023	867,062	1,420,989
Illinois	1933	10,740	420,334	403,682	1,301,391	2,502,175	1,200,784	----------
	1931	13,120	482,875	588,555	1,771,208	3,492,656	1,721,448	----------
	1929	15,278	690,511	1,023,508	3,311,708	6,232,863	2,921,155	2,802,070
	1927	14,711	623,468	914,103	2,921,092	5,386,003	2,464,911	2,456,997
	1925	14,117	622,368	897,970	2,926,064	5,321,838	2,395,774	2,247,408
Michigan	1933	4,633	350,266	346,111	1,163,158	2,104,105	940,946	----------
	1931	5,766	370,017	453,313	1,302,656	2,551,258	1,248,601	----------
	1929	6,668	529,905	840,326	2,585,227	4,851,174	2,065,947	2,356,067
	1927	5,800	488,856	760,602	2,346,678	4,244,941	1,898,263	2,214,747
	1925	5,600	515,494	792,225	2,466,426	4,373,186	1,906,760	1,887,750

No. 761.—Summary for All Manufacturing Industries Combined: By Geographic Divisions and States—Continued

Division and State	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
East North Central—Continued.								
Wisconsin	1933	5,409	158,730	132,846	454,003	824,040	370,037	
	1931	6,319	183,823	189,010	667,505	1,196,967	529,462	
	1929	7,415	264,646	352,383	1,203,600	2,152,382	948,782	1,238,763
	1927	7,473	247,722	322,697	1,153,328	1,973,653	820,325	1,048,228
	1925	7,262	247,341	314,883	1,084,747	1,859,244	774,496	1,009,015
West North Central:								
Minnesota	1933	3,312	69,633	64,024	328,193	529,733	201,540	
	1931	3,843	80,542	92,722	452,627	712,196	259,569	
	1929	4,295	103,215	132,194	761,387	1,164,458	403,071	605,685
	1927	3,886	98,833	123,619	726,391	1,066,727	340,336	584,328
	1925	3,888	100,014	123,767	770,724	1,101,856	331,132	508,021
Iowa	1933	2,217	52,137	45,228	241,067	381,668	140,601	
	1931	2,703	60,326	68,274	354,532	558,524	203,992	
	1929	3,304	81,534	102,164	571,141	893,946	322,806	366,012
	1927	3,001	73,892	91,247	496,940	769,341	272,401	330,702
	1925	3,270	74,976	92,233	499,586	757,771	258,185	308,016
Missouri	1933	3,813	141,176	120,467	498,162	881,184	383,022	
	1931	4,776	152,796	160,897	624,996	1,096,736	472,040	
	1929	5,720	200,411	239,156	1,115,303	1,885,470	770,077	713,705
	1927	5,422	195,378	230,017	1,004,709	1,665,173	660,464	656,269
	1925	5,114	194,969	230,691	980,459	1,607,161	626,702	590,485
North Dakota	1933	268	3,103	3,290	21,701	31,541	9,840	
	1931	325	3,306	4,500	28,155	40,076	11,921	
	1929	372	3,990	5,657	39,001	54,407	15,407	19,335
	1927	307	3,280	4,808	34,271	47,003	12,732	16,167
	1925	320	3,261	4,575	32,307	44,632	12,325	16,711
South Dakota	1933	348	4,731	4,508	32,506	46,266	13,760	
	1931	486	5,369	6,372	50,849	69,072	18,223	
	1929	611	6,525	8,124	74,838	97,458	22,620	31,267
	1927	472	5,551	6,786	63,620	83,001	19,381	24,676
	1925	504	5,151	6,208	46,942	63,433	16,491	21,463
Nebraska	1933	992	19,483	18,372	138,873	194,310	55,438	
	1931	1,270	23,289	28,249	212,063	290,642	78,579	
	1929	1,483	27,933	36,048	359,378	478,330	118,952	168,542
	1927	1,277	26,110	34,296	326,917	420,296	93,379	141,506
	1925	1,306	27,200	36,021	348,397	443,309	94,912	133,708
Kansas	1933	1,272	32,608	31,143	220,248	317,098	96,850	
	1931	1,563	36,000	43,676	272,965	396,832	123,866	
	1929	1,899	47,311	63,277	545,082	750,007	204,985	208,191
	1927	1,767	45,308	59,925	518,141	681,570	163,429	279,426
	1925	1,878	46,659	59,207	538,202	706,250	168,048	276,874
South Atlantic:								
Delaware	1933	328	15,825	13,935	34,424	70,411	35,986	
	1931	382	17,201	18,829	46,662	91,128	44,466	
	1929	450	23,551	29,061	80,466	149,606	69,140	114,957
	1927	446	21,324	25,222	69,033	129,900	60,867	103,166
	1925	419	20,704	25,072	70,622	125,408	54,784	107,391
Maryland	1933	2,476	100,236	82,563	278,374	518,707	240,333	
	1931	2,830	107,770	107,813	361,701	663,728	301,937	
	1929	3,210	130,806	148,598	689,249	1,108,721	419,472	658,478
	1927	3,205	126,700	141,903	564,120	943,411	379,200	579,713
	1925	3,184	125,787	138,591	568,591	926,252	357,660	544,558
District of Columbia.	1933	386	7,969	11,185	20,860	61,284	40,424	
	1931	485	8,512	13,988	27,621	76,929	49,307	
	1929	540	9,689	15,451	33,923	86,076	52,152	44,684
	1927	503	9,519	15,669	36,099	90,390	54,291	39,471
	1925	538	9,753	15,320	33,504	83,577	50,073	37,503
Virginia	1933	1,864	100,673	70,444	302,640	509,196	206,556	
	1931	2,242	101,582	89,845	338,977	598,738	259,761	
	1929	3,252	119,110	117,576	353,031	730,470	377,439	642,193
	1927	2,432	114,918	110,378	346,166	671,347	325,181	503,726
	1925	2,553	112,135	105,887	314,711	589,511	274,800	441,807

No. 761.—Summary for All Manufacturing Industries Combined: By Geographic Divisions and States—Continued

Division and State	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
South Atlantic—Contd.								
West Virginia	1933	887	67,950	60,400	128,092	262,467	134,375	----------
	1931	1,120	64,665	73,880	149,137	309,840	160,703	----------
	1929	1,483	85,289	115,259	260,694	512,011	251,316	650,129
	1927	1,313	77,630	103,431	252,884	455,217	202,332	546,440
	1925	1,395	80,700	105,892	260,880	470,822	209,941	495,051
North Carolina	1933	2,084	200,202	113,523	[3] 558,713	877,853	319,140	----------
	1931	2,543	178,908	118,563	[3] 642,669	1,024,178	381,509	----------
	1929	3,778	209,343	160,719	[3] 615,632	1,308,035	[3] 692,402	838,415
	1927	2,964	204,590	158,394	[3] 560,819	1,154,647	[3] 593,827	810,798
	1925	2,614	182,234	134,237	[3] 550,707	1,050,434	[3] 499,727	666,861
South Carolina	1933	888	104,336	54,761	140,822	257,344	116,522	----------
	1931	1,035	86,947	50,904	115,927	225,026	109,099	----------
	1929	1,651	108,706	73,197	226,039	385,144	159,105	527,111
	1927	1,059	108,992	74,478	206,772	358,334	151,562	478,245
	1925	1,134	100,144	67,062	237,227	370,283	133,056	423,359
Georgia	1933	2,223	128,736	67,415	216,877	386,211	169,334	----------
	1931	2,812	118,466	74,016	252,283	433,627	181,344	----------
	1929	4,143	157,853	110,136	421,614	715,188	293,573	637,703
	1927	3,175	154,168	108,118	360,202	609,918	249,656	665,899
	1925	2,876	141,173	99,210	399,351	648,852	249,501	523,334
Florida	1933	1,474	44,878	24,450	50,943	110,280	65,337	----------
	1931	1,651	49,918	34,309	67,788	153,795	86,009	----------
	1929	2,183	64,677	54,424	92,297	226,364	134,067	191,774
	1927	1,912	61,219	55,672	91,716	218,790	127,075	177,580
	1925	1,863	66,204	65,780	113,796	267,009	153,213	144,161
East South Central:								
Kentucky	1933	1,274	59,085	44,292	174,568	297,808	123,240	----------
	1931	1,606	56,155	54,350	167,320	296,859	129,539	----------
	1929	2,227	77,720	88,537	264,275	499,747	235,472	354,258
	1927	1,851	74,912	83,859	250,633	447,765	197,132	318,755
	1925	1,864	76,580	84,946	255,108	453,937	198,828	257,965
Tennessee	1933	1,561	94,909	60,871	184,090	357,028	172,939	----------
	1931	1,922	92,306	73,829	233,205	440,387	207,182	----------
	1929	2,832	128,057	115,606	397,382	717,070	319,688	605,123
	1927	2,098	114,968	101,198	351,436	614,041	262,604	475,243
	1925	2,162	107,645	95,255	358,097	601,488	243,391	447,529
Alabama	1933	1,358	84,966	48,417	139,741	253,211	113,470	----------
	1931	1,621	84,340	61,451	170,337	320,838	150,502	----------
	1929	2,826	119,206	101,870	299,027	556,542	257,514	783,446
	1927	2,355	119,093	105,489	317,493	550,372	232,879	779,156
	1925	2,349	116,599	101,243	325,684	552,824	227,140	697,908
Mississippi	1933	746	27,823	13,630	37,161	72,547	35,386	----------
	1931	904	28,875	18,892	56,844	102,751	45,907	----------
	1929	1,899	52,049	42,173	112,918	219,975	107,057	252,439
	1927	1,333	50,560	40,734	105,559	196,641	91,081	214,232
	1925	1,705	55,171	41,231	103,588	200,453	96,865	211,691
West South Central:								
Arkansas	1933	819	25,955	14,039	44,263	81,105	36,842	----------
	1931	1,005	25,105	18,977	53,286	97,552	44,267	----------
	1929	1,718	44,121	39,442	115,324	209,270	93,947	222,721
	1927	1,146	40,032	35,288	103,815	182,751	78,936	183,041
	1925	1,257	43,977	37,538	110,665	195,208	84,543	177,011
Louisiana	1933	1,314	53,052	35,643	194,051	312,175	118,125	----------
	1931	1,570	56,564	47,647	249,696	378,573	128,876	----------
	1929	1,950	86,843	83,506	430,455	674,259	243,804	479,449
	1927	1,624	82,415	79,673	427,994	638,361	210,367	415,582
	1925	1,742	88,058	79,763	465,426	710,050	244,624	410,298
Oklahoma	1933	1,155	22,504	20,747	125,425	191,414	65,988	----------
	1931	1,304	22,479	26,177	148,857	216,581	67,724	----------
	1929	1,640	31,549	41,152	303,483	451,911	148,428	222,355
	1927	1,378	27,932	35,785	269,418	371,718	102,300	185,480
	1925	1,282	26,333	34,211	301,147	403,295	102,148	156,826

[2] Includes internal-revenue tax paid by tobacco manufacturers amounting to $239,125,000 for 1931 and $205,089,000 for 1933.

[3] The "Cost of materials" does not include internal-revenue tax paid by tobacco manufacturers and the "Value added by manufacture" for these years is, therefore, overstated by the amount of such tax.

No. 761.—Summary for All Manufacturing Industries Combined: By Geographic Divisions and States—Continued

Division and State	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture	Horsepower
				In thousands of dollars				
West South Central—Continued.								
Texas	1933	3,648	91,374	73,427	449,445	686,752	237,307	
	1931	4,251	93,695	98,372	563,618	832,683	269,065	
	1929	5,112	132,293	150,907	973,097	1,427,022	453,925	819,546
	1927	4,065	116,763	130,409	842,927	1,206,580	363,653	635,455
	1925	3,606	106,792	116,363	845,144	1,237,952	392,809	572,798
Mountain:								
Montana	1933	386	8,244	8,800	54,314	75,058	20,744	
	1931	471	9,582	12,608	73,669	103,578	29,909	
	1929	585	14,860	24,202	209,045	270,826	61,181	197,731
	1927	565	14,242	20,915	151,792	203,503	51,712	188,390
	1925	606	14,777	21,078	146,351	205,474	59,123	166,528
Idaho	1933	347	7,682	7,082	27,093	45,065	17,971	
	1931	436	9,390	11,272	32,788	55,722	22,934	
	1929	559	15,044	22,446	61,751	96,198	44,448	105,762
	1927	470	13,513	18,971	47,927	86,256	38,329	89,830
	1925	490	15,794	20,709	53,152	96,990	43,838	82,552
Wyoming	1933	160	3,333	5,005	26,484	35,205	8,720	
	1931	205	4,808	7,879	37,256	52,744	15,488	
	1929	248	6,258	10,255	62,720	96,348	33,628	46,677
	1927	229	5,577	9,066	63,741	85,308	21,627	40,191
	1925	224	6,333	10,520	76,073	107,985	31,911	28,721
Colorado	1933	1,067	21,287	20,060	74,332	135,868	61,537	
	1931	1,346	24,703	29,540	105,849	181,427	75,578	
	1929	1,534	32,757	43,503	180,967	302,389	121,422	233,162
	1927	1,483	32,001	43,194	173,277	278,221	104,944	254,530
	1925	1,416	31,967	43,008	171,192	278,778	107,586	219,865
New Mexico	1933	160	2,996	2,333	4,843	9,580	4,737	
	1931	196	2,842	3,575	6,971	13,269	6,298	
	1929	250	4,476	5,505	10,419	21,697	11,278	23,147
	1927	200	4,653	5,421	10,056	20,183	10,127	21,467
	1925	200	4,629	5,083	9,684	19,459	9,774	18,842
Arizona	1933	223	4,181	4,153	16,087	28,574	12,487	
	1931	292	6,295	8,011	37,954	63,075	25,121	
	1929	348	10,550	15,075	167,714	200,002	32,289	180,637
	1927	300	8,967	12,133	77,799	117,624	39,825	100,641
	1925	294	9,127	11,506	92,271	138,781	46,511	102,127
Utah	1933	440	10,213	9,299	49,363	80,968	31,605	
	1931	573	10,747	12,498	63,678	95,781	32,103	
	1929	646	15,586	19,683	157,622	214,266	56,644	123,655
	1927	556	13,585	16,689	120,567	163,118	42,551	112,233
	1925	517	15,077	18,200	127,543	177,225	49,681	124,735
Nevada	1933	86	1,417	1,783	5,254	9,172	3,918	
	1931	108	1,562	2,516	7,057	10,891	3,835	
	1929	123	2,200	3,585	25,052	33,717	8,665	27,197
	1927	116	2,419	3,915	14,440	26,816	12,375	21,974
	1925	102	2,670	4,474	12,084	21,627	9,542	14,604
Pacific:								
Washington	1933	2,307	67,752	62,117	170,613	331,225	160,612	
	1931	2,877	70,849	83,091	221,273	414,742	193,469	
	1929	3,648	114,636	160,415	424,161	789,508	365,348	814,341
	1927	3,344	104,468	145,931	389,885	677,914	288,029	680,408
	1925	3,216	105,893	146,225	372,759	659,340	286,581	748,110
Oregon	1933	1,358	41,052	34,787	87,570	174,124	86,553	
	1931	1,699	42,180	47,411	118,881	220,097	110,216	
	1929	2,450	65,390	86,728	202,483	408,160	205,676	417,737
	1927	1,779	57,179	75,717	187,771	342,852	155,081	339,511
	1925	1,908	59,579	78,209	193,609	352,949	159,340	387,749
California[1]	1933	8,429	191,861	191,888	878,800	1,488,181	609,381	
	1931	9,936	203,491	264,222	1,053,625	1,816,960	763,335	
	1929	11,893	289,550	421,470	1,709,479	3,044,297	1,337,818	1,562,481
	1927	10,066	262,810	378,321	1,504,655	2,593,247	1,088,592	1,339,095
	1925	9,638	249,552	350,835	1,474,887	2,442,952	968,065	1,333,110

[1] Data for the motion-picture industry, removed from the manufactures-census classification beginning 1931, are included as follows: Establishments, 1925, 72; 1927, 78; 1929, 58; wage earners, 1925, 3,722; 1927, 6,614; 1929, 8,052; wages, 1925, $8,784,000; 1927, $15,514,000; 1929, $19,583,000; cost of materials, etc., 1925, $16,477,000; 1927, $21,020,000; 1929, $25,499,000; value of products (cost of production), 1925, $62,821,000; 1927, $101,045,000; 1929, $129,391,000; value added by manufacture, 1925, $46,344,000; 1927, $79,424,000; 1929, $103,892,000; horsepower, 1925, 21,372; 1927, 27,906; 1929, 45,059. California is the only State in which this industry contributed more than a fraction of 1 percent of the total value of products.

Source: Bureau of the Census, Department of Commerce.

No. 762.—MANUFACTURES FOR INDUSTRIAL AREAS

NOTE.—The term industrial area signifies an area having as its nucleus an important manufacturing city and comprising the county in which the city is located, together with any adjoining county or counties in which there is great concentration of manufacturing industry. The industrial areas by constituent counties are as follows: Akron area—Summit County; Albany-Schenectady-Troy area—Albany, Rensselaer, and Schenectady Counties; Allentown-Bethlehem area—Lehigh and Northampton Counties; Baltimore area—Baltimore City and Baltimore County; Boston area—Essex, Middlesex, Norfolk, and Suffolk Counties; Bridgeport-New Haven-Waterbury area—Fairfield and New Haven Counties; Buffalo area—Erie and Niagara Counties; Chicago area—Cook, Du Page, Kane, Lake, and Will Counties, Ill., and Lake County, Ind.; Cincinnati area—Butler and Hamilton Counties, Ohio, and Campbell and Kenton Counties, Ky.; Cleveland area—Cuyahoga and Lorain Counties; Dayton area—Montgomery County; Detroit area—Oakland and Wayne Counties; Hartford area—Hartford County; Indianapolis area—Marion County; Kansas City area—Clay and Jackson Counties, Mo., and Wyandotte County, Kans.; Los Angeles area—Los Angeles County; Milwaukee area—Kenosha, Milwaukee, and Racine Counties; Minneapolis-St. Paul area—Dakota, Hennepin, and Ramsey Counties; New York City area—Bronx, Kings, New York, Queens, Richmond, and Westchester Counties, N.Y., and Bergen, Essex, Hudson, Middlesex, Passaic, and Union Counties, N. J.; Philadelphia area—Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N. J.; Pittsburgh area—Allegheny, Beaver, Washington, and Westmoreland Counties; Providence-Fall River-New Bedford area—Providence County, R. I., and Bristol County, Mass.; Reading area—Berks County; Rochester area—Monroe County; St. Louis area—St. Louis City and St. Louis County, Mo.; and Madison and St. Clair Counties, Ill.; San Francisco-Oakland area—Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties; Scranton-Wilkes-Barre area—Lackawanna and Luzerne Counties; Seattle-Tacoma area—King and Pierce Counties; Springfield-Holyoke area—Hampden County; Toledo area—Lucas County; Wheeling area—Brooke, Hancock, and Ohio Counties, W. Va., and Belmont, Columbiana, and Jefferson Counties, Ohio; Worcester area—Worcester County; Youngstown area—Mahoning and Trumbull Counties, Ohio, and Lawrence and Mercer Counties, Pa.

[All figures except number of wage earners in thousands of dollars]

Area	Wage earners (average for the year)		Wages		Value of products		Value added by manufacture	
	1931	1933	1931	1933	1931	1933	1931	1933
United States	6,506,701	6,055,736	7,178,232	5,261,576	41,038,402	31,358,840	19,357,643	14,538,018
Total for areas	3,660,673	3,296,288	4,456,065	3,190,810	25,388,031	18,847,586	12,405,051	8,993,189
Akron area	42,987	43,921	55,083	46,962	325,052	236,627	190,262	135,867
Albany-Schenectady-Troy area	45,023	34,000	52,474	31,961	199,062	144,619	113,391	78,827
Allentown-Bethlehem area	44,802	42,230	45,576	29,914	209,587	140,419	102,002	71,563
Baltimore area	81,400	72,634	86,556	63,924	553,545	419,870	244,699	187,782
Boston area	227,656	203,064	263,581	190,852	1,297,639	993,233	674,154	511,487
Bridgeport-New Haven-Waterbury area	102,024	97,748	108,452	85,376	463,237	366,600	269,171	201,594
Buffalo area	78,551	69,744	99,890	71,281	678,470	510,055	301,045	228,674
Chicago area	381,588	332,862	499,134	341,564	3,062,728	2,186,230	1,471,613	1,014,555
Cincinnati area	79,937	68,257	93,425	64,608	538,783	396,242	245,475	175,489
Cleveland area	121,770	113,611	146,116	107,798	758,574	563,757	374,649	272,254
Dayton area	31,708	29,739	38,504	29,445	211,990	142,554	137,713	94,955
Detroit area	209,075	202,950	276,207	218,716	1,553,995	1,344,855	756,205	580,045
Hartford area	48,498	43,379	50,974	37,984	183,330	138,310	117,932	88,930
Indianapolis area	35,256	31,286	38,878	28,466	242,081	168,140	117,391	87,737
Kansas City (Missouri and Kansas) area	37,261	33,048	44,673	32,679	393,031	323,350	132,041	103,265
Los Angeles area	78,410	70,531	102,778	70,847	700,177	538,171	308,985	220,556
Milwaukee area	95,952	80,041	103,046	72,086	577,401	383,687	283,960	195,416
Minneapolis-St. Paul area	52,186	42,991	61,123	40,481	437,713	309,974	183,554	138,488
New York City area	713,650	620,814	978,973	665,160	6,113,584	4,284,826	3,128,505	2,168,049
Philadelphia area	293,080	261,599	339,844	248,138	1,865,832	1,397,414	934,168	689,237
Pittsburgh area	158,958	143,421	192,235	126,944	926,745	654,017	403,198	270,031
Providence-Fall River-New Bedford area	142,004	136,648	135,937	108,500	536,322	446,069	280,229	227,620
Reading area	38,724	35,745	38,285	27,848	128,564	94,142	70,330	52,296
Rochester area	47,081	37,864	54,501	36,384	268,344	176,322	173,899	114,389
St. Louis area	116,073	102,354	126,886	92,396	881,096	664,584	374,866	294,473
San Francisco-Oakland area	69,923	66,313	95,058	71,109	734,475	598,291	286,643	232,029
Scranton-Wilkes-Barre area	35,816	35,030	30,778	24,881	119,600	96,879	65,723	53,837
Seattle-Tacoma area	30,661	26,386	37,768	25,836	200,307	148,079	87,438	68,969
Springfield-Holyoke area	39,042	34,824	44,205	31,782	199,160	141,170	118,526	77,828
Toledo area	31,779	26,657	35,933	26,252	207,791	161,721	92,338	69,519
Wheeling area	34,339	38,132	44,501	36,794	199,257	169,898	85,357	67,242
Worcester area	65,100	63,523	69,157	55,800	278,892	228,961	149,707	122,282
Youngstown area	50,329	54,322	65,535	48,042	341,666	278,519	128,885	97,312

Source: Bureau of the Census, Department of Commerce.

No. 763.—INDEXES OF PRODUCTION OF MANUFACTURES AND MINERALS

NOTE.—Monthly average 1923-25=100. The manufactures index covers 49 industries and the minerals index 8, prior to 1932. Indexes for 1932 to 1935 exclude copper, and for 1934 and 1935, also paper and printing, data for which are not available for those years, and are, therefore, not strictly comparable with figures for earlier years. Indexes in this table and the monthly indexes in table 764 have been adjusted for seasonal variations and for the number of working days in the month

Month	Manufactures							Minerals						
	1929	1930	1931	1932	1933	1934	1935	1929	1930	1931	1932	1933	1934	1935
January	120	105	83	71	63	76	90	116	110	89	77	75	88	94
February	118	107	86	68	61	80	88	119	108	87	78	80	92	96
March	120	104	87	64	56	82	86	109	98	89	85	81	100	97
April	122	104	87	61	65	85	86	114	104	91	80	73	90	87
May	123	101	87	59	77	86	84	117	104	87	67	79	88	89
June	127	97	82	58	93	83	84	114	102	87	64	85	87	98
July	125	92	82	57	102	74	86	110	100	86	65	91	85	84
August	122	88	78	59	91	72	------	115	96	79	65	91	80	------
September	121	89	75	65	83	69	------	113	94	78	71	87	82	------
October	118	86	71	66	76	72	------	116	95	83	74	81	81	------
November	110	85	71	63	70	74	------	110	92	81	75	82	81	------
December	101	82	72	64	73	85	------	116	93	84	77	86	90	------

No. 764.—MANUFACTURING PRODUCTION: INDEXES FOR SELECTED GROUPS OF INDUSTRIES

NOTE.—Monthly average 1923-25=100. See headnote, table 763. In computing the indexes, the individual products and industries have been weighted in accordance with their relative importance

Year and month	Total [1]	Iron and steel	Textiles	Food products	Paper and printing	Lumber cut	Automobiles	Leather products	Cement	Plate glass	Petroleum refining	Rubber tires and tubes	Tobacco products
1921	67	46	87	83	70	72	41	90	66	(2)	64	55	85
1922	86	82	99	94	85	87	66	102	76	(2)	74	77	89
1923	101	105	105	99	94	101	102	108	92	90	80	86	96
1924	94	89	91	103	99	98	91	95	100	92	99	98	99
1925	105	106	104	98	107	101	107	97	108	118	115	116	105
1926	108	113	104	97	114	98	108	99	110	130	127	116	112
1927	106	104	113	96	112	92	86	103	115	112	130	120	118
1928	112	119	107	98	119	91	110	102	118	132	152	144	124
1929	119	130	115	97	125	91	135	104	114	152	168	135	134
1930	95	94	91	93	113	64	85	92	108	107	161	100	131
1931	80	60	94	90	106	41	60	90	84	88	155	96	123
1932	63	31	83	87	91	25	35	85	51	53	140	78	111
1933	76	53	97	92	95	32	48	97	42	91	145	88	116
1934	78	60	86	99	(2)	(2)	69	100	52	94	161	92	128
1933													
January	63	29	87	88	84	26	42	87	38	88	132	59	113
February	61	31	83	84	84	20	32	92	41	60	131	54	115
March	56	22	76	84	82	22	27	84	40	52	135	41	99
April	65	35	85	101	85	24	43	93	35	53	140	65	116
May	77	48	108	99	92	30	50	110	42	84	146	94	143
June	93	71	133	100	101	38	65	114	51	112	153	115	135
July	102	99	130	100	111	46	69	117	56	144	155	143	117
August	91	80	114	95	100	46	60	102	50	130	153	111	123
September	83	65	99	105	104	36	55	92	37	107	168	103	115
October	76	60	91	85	99	33	45	93	35	70	152	90	108
November	70	47	89	91	95	30	30	92	39	52	146	97	95
December	73	60	78	86	97	32	45	94	36	106	137	108	123
1934													
January	76	56	87	96	(2)	34	56	98	49	99	142	97	138
February	80	64	91	91	(2)	29	71	108	61	98	144	100	132
March	82	67	94	84	(2)	38	80	107	58	106	143	106	119
April	85	77	90	93	(2)	33	85	117	55	98	152	97	128
May	86	85	88	98	(2)	33	78	118	57	83	153	81	128
June	83	86	77	96	(2)	31	81	101	58	77	154	84	132
July	74	48	78	102	(2)	29	78	99	53	92	150	83	128
August	72	39	80	106	(2)	36	61	97	48	86	157	79	126
September	69	38	63	120	(2)	32	51	88	50	84	152	79	125
October	72	41	89	107	(2)	29	41	85	46	87	153	82	120
November	73	49	87	102	(2)	26	40	92	48	83	155	107	125
December	85	65	97	102	(2)	29	88	104	45	140	154	133	143
1935													
January	90	80	103	91	(2)	33	104	107	42	174	151	115	130
February	88	80	100	81	(2)	30	103	108	45	166	155	101	133
March	86	72	98	77	(2)	(2)	106	108	47	183	153	93	130
April	86	67	98	80	(2)	(2)	110	113	51	185	153	88	138
May	84	66	102	78	(2)	(2)	86	113	55	155	160	75	134
June	84	66	100	74	(2)	(2)	100	103	58	162	166	79	138

[1] See headnote, table 763, regarding industries included. [2] Comparable data not available.

Source of tables 763 and 764: Federal Reserve Board.

No. 765.—TEXTILE MANUFACTURES: PRODUCTION

NOTE.—In general, most of the articles listed are finished products, but large quantities of partly finished products, especially yarn, made for sale to other establishments of the same or other branches of the textile industry are included. This involves considerable duplication in total value of products and in cost of materials

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1929	1931	1933	1929	1931	1933
COTTON GOODS AND SMALL WARES							
Total value					1,579,792	842,306	895,080
Sheetings	Sq. yard	1,693,167	1,359,686	1,680,323	146,181	76,906	98,875
Print cloth	do	1,703,025	1,586,339	1,709,960	121,423	74,505	79,996
Voiles	do	157,449	124,364	77,901	13,407	8,201	4,969
Lawns, nainsooks, cambrics, and similar muslins	do	226,554	181,897	295,441	25,419	15,080	19,058
Reps, poplins, and broadcloths	do	308,620	357,465	456,328	40,555	31,815	35,942
Pajama checks, dimities, and similar fabrics	do	122,109	37,803	55,389	13,085	2,362	3,809
Tobacco, cheese, butter, bunting and bandage cloths	do	617,411	587,147	634,499	18,100	9,776	11,000
Ginghams	do	147,120	56,313	69,569	17,717	4,611	6,263
Shirtings	do	317,046	273,178	278,349	45,771	24,350	25,236
Drills	do	324,041	184,646	191,987	39,701	15,132	15,262
Twills and sateens	do	284,117	201,434	274,153	37,441	16,774	23,158
Denims	do	249,891	202,111	268,788	49,256	25,277	33,970
Tickings	do	42,411	32,416	47,255	9,280	3,908	6,358
Osnaburgs	do	145,745	109,081	130,887	18,210	8,059	9,209
Napped fabrics	do	323,140	288,073	377,791	48,329	27,017	34,072
Cottonades and cotton worstods	do	34,838	44,908	57,892	8,357	8,843	9,296
Tire duck	do	22,277	15,915	12,273	6,846	3,279	2,498
Ducks (except tire)	do	223,926	136,577	152,249	64,184	24,756	28,261
Tire fabrics (except tire duck)	Pound	233,129	123,561	107,327	104,375	37,971	29,256
Tapestries	Sq. yard	9,810	9,188	9,978	12,996	7,242	4,791
Plushes, velvets, velveteens	do	52,868	23,794	18,196	40,946	15,898	10,200
Corduroys	do	27,134	15,702	24,625	9,501	3,982	5,464
Towels, toweling, and washcloths	do	169,694	158,378	149,933	33,037	24,108	22,487
Cotton table damask	do	35,868	20,524	15,818	8,383	3,651	2,837
Blankets	do	94,061	71,989	103,165	25,392	12,721	16,069
Bedspreads and quilts	do	52,902	55,927	50,472	16,396	8,643	6,360
Bags made from fabric woven by establishment	do	10,486	3,400	(1)	2,032	712	(1)
Small wares					65,494	40,303	38,109
Yarns for sale	Pound	647,725	414,463	498,496	253,349	111,873	130,954
Thread	do	25,250	19,576	27,755	37,100	29,153	30,372
Batting, wadding, and mattress felts	do	149,481	114,324	93,808	19,407	12,241	8,866
Cotton waste for sale	do	443,916	315,808	361,031	32,570	10,641	12,770
Other cotton products					195,052	142,517	129,314
LACE GOODS							
Total value					27,931	17,086	(2)
Nottingham lace curtains	Pair	6,113	4,518	(2)	11,250	6,868	(2)
Nottingham lace curtain nets	Lin. yard	14,313	6,282	(2)	4,675	1,831	(2)
Levers laces					8,756	7,305	(2)
Other lace products					3,250	1,083	(2)
KNIT GOODS							
Total value					881,176	573,630	487,402
Hosiery, except infants' [3]	Doz. pair	111,191	96,204	96,596	500,382	313,922	251,147
Infants' hose	do	6,175	5,529	6,143	11,244	7,689	6,976
Shirts and drawers	Dozen	8,802	7,959	10,414	37,670	25,258	25,780
Union suits	do	8,891	6,888	8,168	70,837	40,452	39,335
Bathing suits	do	1,021	963	833	22,084	12,859	11,349
Sweaters, sweater coats, jerseys, etc	do	4,807	4,032	4,999	89,429	56,077	47,962
Headwear, except infants'	do	783	1,078	1,147	3,783	3,279	3,477
Neckties	do	628	131	56	1,717	327	219
Dressos and suits	Number	1,023	2,906	2,908	11,160	20,680	15,406
Jersey cloth and tricollette	Sq. yard	75,521	108,340	31,204	45,375	31,523	23,370
Glove and shoe linings					4,655	1,053	1,323
Other knit products					82,840	60,500	61,060

For footnotes, see p. 751.

No. 765.—Textile Manufactures: Production—Continued

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1929	1931	1933	1929	1931	1933
SILK AND RAYON GOODS							
Total value					737, 759	422, 457	288, 069
Broad goods	Sq. yard	597, 114	566, 864	558, 881	488, 208	281, 617	184, 563
All silk	do	424, 607	386, 294	201, 438	385, 773	209, 838	77, 112
All rayon	*do*	*66, 024*	*109, 390*	*272, 822*	*94, 738*	*38, 401*	*78, 799*
Rayon and cotton mixed [4]	do	37, 241	41, 077	46, 955	16, 616	12, 219	11, 574
Other	do	69, 242	30, 103	37, 666	51, 080	21, 159	17, 078
Velvets	do	9, 651	7, 346	7, 857	25, 112	12, 233	8, 684
Plushes	do	1, 957	1, 879	1, 061	3, 830	2, 091	704
Upholstery and tapestry	do	3, 403	3, 834	2, 896	6, 122	2, 586	1, 064
Organzine, tram, and crepe twist for sale.	Pound	12, 121	9, 753	7, 544	69, 740	32, 177	16, 998
Spun silk for sale	do	3, 769	1, 914	1, 080	12, 916	5, 269	2, 505
Machine twist	do	515	300	271	4, 822	1, 551	1, 350
Sewing, embroidery, and other floss silks.	do	335	298	193	2, 864	2, 141	1, 449
Ribbons					25, 008	15, 388	10, 847
Fringes and gimps					7, 839	4, 075	1, 207
Braids					4, 388	1, 909	408
Other silk and rayon products					147, 135	117, 152	149, 740
WOOLEN AND WORSTED GOODS							
Total value					802, 876	479, 632	444, 822
Suitings, dress goods, overcoatings, and cloakings. [5]	Sq. yard	354, 295	295, 005	331, 408	432, 258	268, 659	247, 214
All-wool woolen	do	135, 354	116, 352	145, 612	155, 938	94, 858	96, 829
All-wool worsted	do	166, 211	146, 742	130, 352	238, 609	155, 044	124, 686
Woolen or worsted made with cotton or manipulated warps.	do	52, 730	31, 911	51, 706	37, 651	18, 757	25, 699
Domett flannels and shirtings	do	14, 869	7, 031	(2)	5, 778	1, 960	(2)
Blankets, all-wool	do	18, 095	15, 508	13, 043	15, 831	10, 542	9, 440
Yarns for sale	Pound	159, 473	141, 763	135, 440	199, 758	129, 144	111, 977
Noils and wool waste for sale	*do*	*46, 368*	*35, 594*	*41, 517*	*15, 597*	*7, 242*	*9, 468*
Other woolen and worsted goods.					133, 654	62, 085	66, 721
FELT GOODS							
Total value					42, 294	26, 580	25, 598
Felt cloths	Pound	7, 075	5, 022	5, 544	17, 113	11, 657	11, 961
Trimming and lining felts	do	6, 147	4, 483	4, 039	3, 889	2, 497	1, 969
Shoe and slipper felts	do	5, 148	3, 023	(3)	2, 982	931	(3)
Boot and shoe linings	do	1, 607	1, 121	(3)	1, 183	901	(3)
All other felts	do	65, 106	50, 215	69, 671	17 127	10, 594	11, 668
HATS, WOOL-FELT							
Total value					8, 031	4, 888	(2)
Hats	Dozen	400	177	(2)	4, 410	1, 905	(2)
Hat bodies and hats in the rough.	do	501	745	(2)	3, 621	2, 983	(2)
CARPETS AND RUGS, WOOL							
Total value					174, 286	86, 942	70, 104
Carpets	Sq. yard	27, 385	13, 305	14, 053	61, 788	25, 732	21, 815
Rugs, made of sewed strips	do	3, 720	1, 338	2, 143	14, 410	4, 007	4, 385
Rugs, woven whole	do	42, 306	29, 448	27, 797	98, 089	57, 203	43, 904
WOOL SHODDY							
Total value					13, 354	5, 197	8, 203
Recovered wool fiber	Pound	60, 108	34, 514	45, 049	13, 354	5, 197	8, 203
HATS, FUR-FELT							
Total value					95, 278	55, 586	(2)
Hats	Dozen	1, 770	1, 306	(2)	70, 809	39, 899	(2)
Hat bodies and hats in the rough.	do	1, 534	1, 474	(2)	24, 469	15, 688	(2)

For footnotes, see p. 751.

No. 765.—Textile Manufactures: Production—Continued

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1929	1931	1933	1929	1931	1933
CORDAGE AND TWINE AND JUTE AND LINEN GOODS							
Total value					135,989	67,121	61,373
Rope, cable, and cordage:							
Manila hemp	Pound	114,476	62,550	63,264	22,171	9,425	7,655
Sisal	do	27,381	22,380	13,669	3,972	2,269	1,240
Henequin	do	16,120	7,016	6,500	2,447	798	555
Cotton	do	28,096	20,951	27,147	8,299	4,152	5,598
Other	do	18,031	3,201	1,064	2,670	450	189
Twine, binder [7]	do	178,605	134,256	142,614	18,395	11,458	6,991
Twine, cotton	do	85,988	47,083	59,076	28,991	9,948	12,038
Twine, other	do	114,674	89,358	90,083	18,316	10,949	9,167
Yarns for sale	do	97,935	59,448	65,080	15,467	7,402	7,358
Linen thread	do	3,103	2,114	2,574	4,510	2,388	2,375
Linen woven goods	Sq. yard	9,430	10,100	10,686	3,365	2,885	2,359
Jute bagging	do	27,863	31,463	64,893	3,129	1,996	3,374
Other products					4,257	3,003	2,474
FLOOR COVERING AND OILCLOTH							
Total value					109,327	54,543	(2)
Oilcloth (cotton back)	Sq. yard	125,677	92,703	(2)	23,640	13,506	(2)
Linoleum (jute back)	do	48,272	20,372	(2)	48,744	19,408	(2)
Floor covering (felt back)	do	117,970	87,576	(2)	36,943	21,629	(2)
ARTIFICIAL LEATHER							
Total value					31,346	15,025	(2)
Pyroxylin coated	Sq. yard	65,029	36,993	(2)	30,441	13,344	(2)
Other than pyroxylin coated	do	862	1,968	(2)	891	1,153	(2)
Kind not specified					14	528	(2)

[1] Included with "Other cotton products". [2] Data are not available.
[3] Excludes athletic and golf hose which are included with "Other knit products."
[4] Not including production in cotton mills.
[5] Data for other suitings such as mohair, mohair and cotton mixed, woolen-worsted, etc., are included in the figures for "Other woolen and worsted goods."
[6] Included with "All other felts" to avoid disclosing data for individual establishments.
[7] Not including binder twine made in penal institutions as follows: For 1929, 47,322,550 pounds; 1931, 52,161,200 pounds; 1933, 57,135,737 pounds.

Source: Bureau of the Census, Department of Commerce.

No. 766.—BOOTS AND SHOES (OTHER THAN RUBBER): Production

Note.—**In thousands of pairs.** Detailed value data were not collected at the censuses. For total value of products of the industry see table 760, p. 731. Data for 1923 to 1934 compiled from monthly reports of manufacturers representing approximately 95 per cent of the total production in the United States for 1922 to 1928, and 98 percent for 1929 to 1934

Year	Total	Men's [1]	Boys' and youths'	Women's	Misses' and children's	Infants'	Athletic and sporting (leather) [1]	Canvas and other textile	Not specified (including slippers)
1914	292,666	98,031	22,896	80,916	48,322	15,477	(2)	(2)	27,024
1919	331,225	95,017	26,504	104,813	48,538	16,669	586	11,056	28,042
1923	351,114	100,283	22,230	109,675	40,136	27,015	6,434	8,347	36,984
1925	323,553	86,546	21,021	104,782	38,691	24,587	5,914	8,564	33,448
1927	343,606	95,328	24,229	116,259	39,650	24,542	1,488	3,301	38,808
1928	344,351	90,970	23,052	123,753	37,135	23,835	1,547	3,760	40,819
1929	361,402	94,770	22,993	131,303	39,927	23,750	1,768	3,121	43,770
1930	304,170	77,147	18,530	112,629	32,037	18,558	1,728	2,503	40,948
1931	316,240	77,420	20,047	112,603	34,308	18,546	1,708	4,750	46,858
1932	313,290	74,493	18,100	113,944	33,600	15,653	1,111	3,132	50,256
1933	350,382	88,821	19,944	130,742	33,180	18,578	1,316	4,637	53,163
1934	357,119	91,387	17,348	133,045	34,521	19,451	1,333	6,304	54,731

[1] Figures beginning 1927 are not strictly comparable with earlier years owing to the fact that considerable quantities of heavy footwear now included with men's shoes were included with "Athletic and sporting shoes (leather)", prior to 1927.
[2] Not reported separately; included with "not specified, etc."

Source: Bureau of the Census, Department of Commerce.

No. 767.—LEATHER: Production by Principal Types of Raw Stock

[Cattle hide in thousands of hides, other figures in thousands of skins]

Year	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb	Year	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb
1925	22, 297	13, 877	42, 485	33, 087	1930	17, 675	14, 171	55, 445	30, 393
1926	21, 500	15, 744	49, 777	31, 668	1931	16, 294	12, 438	48, 637	32, 449
1927	21, 820	16, 984	50, 736	35, 859	1932	14, 583	11, 580	37, 014	28, 841
1928	20, 237	15, 617	54, 852	38, 706	1933	17, 115	13, 049	44, 312	33, 881
1929	19, 146	15, 364	55, 686	38, 985	1934	19, 771	12, 442	44, 082	34, 255

No. 768.—LEATHER: Production by Principal Kinds

Product and unit of quantity	Quantity				Value (thousands of dollars)	
	1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
Total value					248, 269	216, 114
Sole and belting leather					74, 570	60, 551
Oak and union sole, 1,000 backs, bends, sides	13, 750	11, 746	11, 570	11, 280	54, 293	38, 484
Chrome and combination sole, do	596	447	414	559	1, 996	1, 988
Belting butts, rough and curried, 1,000 butts and butt bends	1, 375	636	621	674	5, 542	5, 165
Offal (heads, bellies, shoulders, etc.), 1,000 pounds	94, 643	86, 161	85, 025	79, 212	12, 748	14, 914
Harness leather					1, 846	1, 951
Union black, 1,000 sides	284	96	68	110	364	504
Oak black and russet, do	461	279	256	289	1, 482	1, 446
Bag, case, and strap leather, do	1, 055	787	725	637	3, 397	2, 504
Skirting and lace leather, do	206	158	68	94	351	385
Collar leather, do	*303*	*180*	*147*	*207*	*499*	*786*
Welting leather, 1,000 pounds	(2)	2, 077	1, 667	1, 819	626	672
Upholstering leather [3] (automobile, furniture, and carriage):						
Whole-hide grains and machine-buffed, 1,000 hides	623	318	284	134	2, 549	1, 101
Splits (main and second), 1,000 pieces	724	410	362	279	1, 590	698
Upper leather (other than patent)					107, 168	102, 485
Cattle (including kip side), 1,000 sides	12, 304	12, 514	12, 483	15, 879	82, 428	39, 791
Kip (except kip side), 1,000 skins	1, 317	268	208	178	1, 103	474
Calf, do	12, 933	10, 276	10, 195	12, 102	25, 791	23, 935
Goat and kid, do	50, 149	34, 978	34, 978	38, 114	37, 285	30, 875
Sheep and lamb (shoe stock) and cabretta, 1,000 skins	14, 324	9, 901	9, 860	8, 719	7, 564	4, 856
Horse, colt, ass, and mule:						
Half and whole fronts, 1,000 equivalent half fronts	116	90	84	35	240	64
Butts, 1,000 equivalent butts				271	625	300
Shanks, 1,000 shanks				160		81
Other					2, 131	2, 109
Patent leather (other than upholstery)					11, 289	7, 400
Cattle (including kip side), 1,000 sides	5, 375	3, 606	3, 555	2, 811	10, 659	7, 261
Other					630	139
Glove and garment leather					15, 303	17, 609
Cattle grains (including foreign-tanned kip), 1,000 sides	(2)	96	96	365	270	996
Horse, colt, ass, and mule:						
Half and whole fronts, 1,000 equivalent half fronts	1, 856	1, 509	1, 503	1, 269	3, 253	2, 206
Butts and shanks					421	404
Sheep and lamb (exc. shearlings), 1,000 skins	5, 618	9, 039	8, 214	12, 190	6, 407	7, 586
Shearlings, do	3, 027	2, 000	1, 371	1, 562	1, 322	1, 414
Other					3, 628	5, 004
Fancy and bookbinders' leather					9, 935	5, 170
Sheep and lamb and cabretta, 1,000 skins	3, 972	2, 814	2, 807	2, 114	2, 987	2, 043
Calf and kip, do	*496*	*249*	*249*	*308*	*743*	*860*
Other					6, 205	2, 267
Side splits (other than upholstery) finished, 1,000 side splits	21, 210	14, 772	14, 499	17, 795	9, 762	9, 965
Other leather					7, 376	4, 835

[1] For reason of adjustment see the last paragraph, general note, p. 715. [2] No data.
[3] Excluding russet buffings included with "Other leather" at end of table to avoid disclosures.

Sources: Table 767, Tanners' Council of America; table 768, Bureau of the Census, Dept. of Commerce.

No. 769.—CHEMICALS: PRODUCTS MADE FOR SALE

NOTE.—In addition to quantities shown in the table, made for sale, large quantities of certain chemicals, especially acids, are made and consumed in further processes in the same establishments. There is considerable duplication in the total value of products due to the use of products sold by one establishment as materials for other establishments manufacturing chemicals. Tons are of 2,000 pounds, except as noted

Product	Unit	Quantity (thousands of unit specified)				Value (thousands of dollars)	
		1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
Total value						536,152	474,706
Acids:							
Acetic (basis 100 percent)	Pound	66,364	62,586	62,586	65,150	3,537	4,303
Boric (boracic)	do	26,055	18,128	18,128	21,613	970	845
Carbonic (carbon dioxide CO_2)	do	130,980	[2] 153,575	[2] 153,575	[2] 117,382	6,226	4,466
Citric	do	10,756	8,381	8,381	5,696	3,060	1,795
Hydrochloric (muriatic) (basis 100 percent)	Ton	63	41	41	45	2,422	2,387
Mixed (sulphuric-nitric)	do	64	38	38	42	1,800	1,883
Nitric	do	33	31	31	33	3,382	2,969
Oleic	Pound	56,948	29,947	25,707	27,890	1,603	1,394
Phosphoric	do	34,674	[3] 19,096	[3] 19,096	[3] 24,653	761	892
Stearic	do	39,154	24,868	23,432	23,874	1,918	1,878
Sulphuric (basis 50° Baumé)	Ton	5,816	4,230	[4] 4,020	[4] 3,848	[4] 32,138	[4] 26,482
Tannic	Pound	1,449	667	667	682	251	236
Tartaric	do	4,906	5,181	5,181	5,799	1,463	1,493
Other						5,565	4,464
Aluminum compounds and alums:							
Aluminum sulphate	Ton	345	309	309	322	6,672	6,600
Aluminous abrasives	do	33	7	7	8	1,152	1,525
Other						2,797	3,376
Coal-tar products:							
Crudes [5]						20,492	16,985
Intermediates						18,618	21,443
Finished products						61,422	68,845
Nitrogen and fixed-nitrogen compounds:							
Ammonia, aqua and liquor	Pound	[6] 30,200	[6] 18,831	[6] 18,831	[6] 18,895	1,032	923
Ammonia, anhydrous	do	173,349	127,099	127,099	160,209	8,044	7,525
Other ammonium compounds						3,384	3,571
Nitrous oxide (laughing gas)	Gallon	109,812	94,007	94,607	82,220	923	811
Other						10,881	17,926
From coke-oven operations, not included in total value (Bureau of Mines)—							
Ammonium sulphate	Pound	1,350,154	905,245	905,245	589,703	11,469	5,357
Ammonia liquor (NH_3) content	do	51,762	33,982	33,982	36,210	1,390	1,088
From the manufactured-gas industry not included in total value:							
Ammonia (NH_3) equivalent	do	36,216	37,853	37,853	39,016	1,721	852
Plastics:							
Pyroxylin in form for further manufacture	do	16,991	12,008	12,008	10,096	11,114	7,799
Finished articles of pyroxylin [7]						6,545	[8] 4,304
Phenolic resins	Pound	(9)	33,818	33,651	41,557	7,282	7,509
Other						2,405	6,770
Potassium compounds: [10]							
Bitartrate (cream of tartar)	Pound	7,853	6,881	6,881	5,789	1,572	891
Iodide	do	444	380	380	479	1,291	1,108
Other						5,250	5,434
Sodium compounds:							
Bichromate and chromate	Ton	39	25	25	29	3,162	3,281
Borate (borax)	do	92	80	80	94	2,432	3,163
Carbonates:							
Bicarbonate, refined	do	140	128	128	120	3,696	3,586
Soda ash	do	1,814	1,509	1,509	1,654	22,493	24,183
Caustic (hydroxide)	do	725	634	634	645	26,585	24,478
Hypochlorite	do	27	32	27	32	2,278	2,073
Phosphates	do	146	146	146	120	8,070	5,920
Silicate (basis 40°)	do	590	644	638	630	7,406	6,583

For footnotes see p. 754.

No. 769.—Chemicals: Products Made for Sale—Continued

Product	Unit	Quantity (thousands of unit specified)				Value (thousands of dollars)	
		1929	1931 As published; comparable with 1929	1931 Comparable with 1933	1933 Reported on standard schedule	1931 Comparable with 1933	1933 Reported on standard schedule
Sodium compounds—Continued.							
Sulphates:							
Glauber's salt	Ton	62	49	46	40	774	586
Hyposulphite (thiosulphate)	do	25	24	23	18	931	763
Niter cake	do	83	31	31	17	594	353
Salt cake	do	170	99	99	115	1,528	1,471
Sulphide	do	33	23	23	31	1,033	1,354
Other						23,092	17,612
Miscellaneous:							
Alcohols:							
Methanol, synthetic	Gallon	(9)	7,007	7,007	8,793	1,462	1,680
Other alcohol [11]						4,887	3,789
Arsenic:							
Arsenate of calcium	Pound	33,064	26,120	21,983	15,487	1,095	609
Arsenate of lead	do	30,682	37,074	37,074	29,816	3,674	2,368
Other salts and compounds						1,102	728
Barium salts and compounds						1,308	888
Bismuth salts and compounds						882	838
Butyl-acetate	Gallon	4,524	4,664	4,644	5,197	3,333	2,184
Calcium:							
Acetate	Ton	58	26	26	26	870	1,166
Carbide	do	(9)	128	128	101	8,024	6,059
Chloride (basis 73 to 70 percent)	do	277	232	232	158	4,726	2,710
Hypochlorite	do	93	64	64	30	2,074	1,302
Phosphate	do	38	41	41	42	5,591	5,332
Other salts and compounds						2,174	2,060
Carbon bisulphide	Pound	71,009	83,045	83,045	90,179	3,200	3,283
Carbon tetrachloride	do	32,713	34,096	34,096	30,344	1,720	1,354
Copper sulphate (blue vitriol)	do	78,669	60,981	60,817	56,070	2,177	1,408
Ether	do	6,464	6,982	6,982	7,421	1,472	1,385
Ethyl acetate	Gallon	10,932	5,457	4,500	7,007	2,063	2,132
Glycerine, refined	Pound	113,140	102,510	101,615	107,853	10,223	7,915
Hydrogen peroxide (basis 100 volumes).	do	8,509	12,864	8,784	12,119	2,961	2,388
Iron sulphate (copperas)	Ton	56	31	31	28	268	253
Ferro-alloys, electric-furnace	do.[12]	220	130	130	121	13,200	11,868
Magnesium sulphate (Epsom salt)	do	37	34	34	37	1,524	1,234
Nitrocellulose, for sale as such	Pound	(9)	(9)	23,408	25,415	5,155	5,003
Silver nitrate	Ounce	5,647	5,597	4,833	4,146	1,024	1,072
Sulphur, refined	Ton	78	67	67	49	2,069	1,736
Tin (chloride, stannic and stannous, and oxide).	Pound	(9)	38,395	38,398	21,933	6,698	4,444
Vanillin	do	317	172	128	196	590	777
Vitreous enamels ("frit")	do	(9)	42,823	42,424	39,853	3,409	2,587
All other chemicals						115,106	81,639
Intergroup duplication						[13] 27,023	[13] 21,478

[1] For reason of adjustment see last paragraph, general note, p. 715. No adjustment was necessary for the Bureau of Mines data.

[2] Includes for 1931 approximately 80,000,000 pounds of carbon dioxide piped to plants making dry ice; for 1933, approximately 64,500,000.

[3] Basis 50 percent.

[4] Production in "Chemicals not elsewhere classified", "Fertilizers", "Explosives", and "Smelting and refining, zinc" industries only. Data for production from "Smelting and refining, copper and lead" industry in 1933 are not available; figures in the columns "1931 comparable with 1933" have been adjusted accordingly.

[5] Not including byproduct crudes made in coke plants and gas works.

[6] Ammonia (NH_3) content.

[7] Articles made in the producing establishments in the "Chemicals not elsewhere classified" industry.

[8] In addition fabricated articles valued at $716,591 were made by pyroxylin-producing establishments in other industries.

[9] No comparable data.

[10] Production of crude potassium salt from original sources in 1933, as reported by 4 plants to the Bureau of Mines, Department of the Interior, amounted to 333,110 tons; content of K_2O 63,880 tons.

[11] Not including ethyl, glycerol (see Glycerine), nor methanol produced by the distillation of wood.

[12] Tons of 2,240 pounds.

[13] Because of intergroup duplication the sum of the various products exceeds the total value of all products by this amount. For example, nitric acid is shown under "Acids" and is also included with "Other nitrogen compounds", likewise phenolic resins are included with "Coal-tar products" and also shown under "Plastics."

Source: Bureau of the Census, Department of Commerce.

No. 770.—MISCELLANEOUS PRODUCTS INVOLVING CHEMICAL PROCESSES

NOTE.—Semifinished products made for consumption in the same establishment are not included, but there is some duplication in total value of products in certain branches, due to the use of such products as materials by other establishments in the same industry. Tons are of 2,000 pounds.

Product	Unit	Quantity (thousands of unit specified) 1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	Value (thousands of dollars) 1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
BONE BLACK, CARBON BLACK, ETC.							
Total value						10,230	8,488
Bone black	Pound	54,277	33,214	33,214	23,123	1,288	829
Carbon black (Bureau of Mines)	do	283,806	280,907	280,907	269,325	8,621	7,449
Lampblack	do	10,765	3,424	3,424	3,012	321	210
COMPRESSED AND LIQUEFIED GASES							
Total value						62,484	49,781
Acetylene	Cu. ft.	909,534	742,898	742,898	754,089	12,912	11,039
Carbon dioxide (not solid)	Pound	136,930	[2] 153,575	[2] 153,575	[2] 117,382	6,226	4,466
Chlorine, for sale	do	289,855	255,511	255,511	249,126	5,248	4,486
Hydrogen	Cu. ft.	207,843	493,518	493,518	589,290	957	915
Oxygen	do	3,140,095	2,050,377	2,050,377	1,821,880	16,411	12,997
Nitrous oxide (laughing gas)	Gallon	109,812	94,607	94,607	82,220	923	811
Dry ice (solid carbon dioxide)	Pound	[3]	84,954	84,954	59,058	2,900	1,970
Other gases						16,908	13,097
FERTILIZERS							
Total value						137,159	82,811
Complete fertilizers	Ton	5,992	4,545	4,461	3,274	107,982	61,180
Superphosphates, including concentrated phosphates, for sale [4]	do	2,531	1,908	1,904	1,546	20,639	12,882
Other fertilizers	do	797	455	389	377	8,539	8,749
PAINT AND VARNISH							
Total value						350,726	287,329
Pigments, colors, for sale	Pound	1,918,459	1,296,906	1,279,519	1,210,528	68,992	62,177
Paints in paste form	do	401,546	242,528	230,070	184,424	25,402	16,946
Ready mixed paints	Gallon	106,165	78,249	74,612	63,825	115,783	90,289
Water paints and kalsomine, dry or in paste	Pound	155,811	122,823	117,390	100,443	5,015	3,947
Plastic paints	do	[3]	14,561	14,135	10,258	1,356	615
Varnishes, japans, lacquers, enamels, and allied products						121,584	105,439
Quantity reported	Gallon	109,003	75,508	72,822	71,101	107,205	96,546
Quantity not reported						14,378	9,893
Fillers (liquid, paste, and dry)						1,123	862
Putty	Pound	99,163	69,907	56,323	47,360	2,434	1,738
Bleached shellac	do	11,140	10,731	10,731	11,156	2,619	1,878
Stains, varnish	Gallon	2,160	1,726	1,658	1,948	2,461	2,439
Stains, other	do					3,957	
SOAP							
Total value						234,575	173,311
Hard soaps, total	Pound	2,587,955	2,572,895	2,464,249	2,362,690	189,473	146,001
Toilet soap	do	324,384	305,638	298,984	315,373	52,164	44,087
Foots soap	do	21,829	20,015	4,103	3,017	227	172
Soap chips and flakes	do	387,925	351,077	327,198	399,256	28,710	24,925
Laundry soap (in bar form)	do	1,465,183	1,431,104	1,404,274	1,257,689	66,939	44,495
Granulated and powdered soap	do	337,291	421,804	404,453	369,915	39,522	31,428
Other hard soaps	do	51,343	43,257	25,237	17,441	1,911	894
Soap powder or washing powder	do	505,529	262,711	237,387	200,175	10,875	6,427
Cleansers and scouring powders containing soap [5]	do		104,067	158,344	165,774	6,022	5,878
Paste soap	do	40,526	31,623	10,952	6,489	545	315
Shaving soap, cream, and powder						11,128	9,293
Quantity reported	Pound	11,094	10,453	9,715	10,305	6,600	5,363
Quantity not reported						4,528	3,929
Soap stock or soap base, for sale	Pound	4,106	8,978	7,585	24,267	451	685
Other and not reported by kind	do	157,362	118,259	82,077	60,834	6,081	4,712

[1] For reason of adjustment, see last paragraph of general note, p. 715. No adjustment was necessary for the "Bone black, carbon black, and lampblack", and "Compressed and liquefied gases" industries.
[2] Includes approximately 80,000,000 pounds piped to plants making dry ice in 1931 and 64,500,000 pounds in 1933.
[3] Data withheld to avoid disclosing approximations of production by individual establishments.
[4] Basis 16 percent available phosphoric acid.
[5] Production in the soap industry only.

No. 770.—Miscellaneous Products Involving Chemical Processes—Continued

Product	Value (thousands of dollars)			
	1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
DRUGGISTS' PREPARATIONS				
Total value	181,930	159,720	152,906	128,755
Alkaloids and derivatives	8,030	7,677	7,636	7,591
Biological products	23,872	25,830	24,474	19,597
For human use:				
Antitoxins	2,917	2,430	2,430	1,653
Bacterins	809	1,026	1,004	811
Serums	673	1,103	1,103	915
Vaccines	1,092	1,146	1,142	1,119
Viruses	341	193	193	390
For animal use:				
Antitoxins	635	255	243	243
Bacterins	777	543	408	370
Serums	6,803	5,436	4,582	2,996
Vaccines	562	516	482	279
Viruses	909	880	754	495
Organo-therapeutics (for human and animal use)	7,021	11,009	10,950	10,327
Undistributed (not reported by kind)	1,334	1,287	1,177	
Medicinal (pharmaceutical) chemicals and their salts	12,378	15,105	14,605	8,273
Pharmaceutical and galenical preparations	137,650	111,048	106,191	93,294
Tinctures, fluid extracts, elixirs, sirups, etc	(6)	(6)	(6)	14,729
Ointments, cerates, suppositories, etc	(6)	(6)	(6)	5,063
Pills, tablets, filled capsules, lozenges, etc	(6)	(6)	(6)	*24,795*
Pharmaceutical specialties (dispensed on physicians' prescriptions or through physicians)	(6)	(6)	(6)	32,759
Other	(6)	(6)	(6)	15,948
PATENT OR PROPRIETARY MEDICINES AND COMPOUNDS				
Total value	256,813	201,469	192,504	143,129
Patent and proprietary packaged medicines [7]	[8] 176,698	[8] 145,825	[8] 140,605	108,871
Antiseptics, oral and other	(8)	(8)	(8)	13,277
Cough sirups and cold tablets	(8)	(8)	(8)	9,031
Headache remedies	(8)	(8)	(8)	6,935
Inhalants, liniments, chest rubs, etc., for colds	(8)	(8)	(8)	14,759
Laxatives	(8)	(8)	(8)	20,461
Other	(8)	(8)	(8)	44,408
Patent or proprietary compounds	(8)	(8)	(8)	*34,258*
Antiseptics	(8)	(8)	(8)	1,198
Deodorants, other than for human use	(9)	1,501	1,343	894
Disinfectants	7,332	5,412	5,033	3,333
Germicides	2,483	1,469	1,412	921
Household insecticides	15,077	14,773	13,811	7,461
Agricultural insecticides and fungicides: [10]				
Lime-sulphur solution	10,340	6,965	6,391	361
All other				3,075
Disinfectants and insecticides not reported by kind	3,345	942	942	
Household ammonia	1,253	1,272	1,187	709
Boiler compounds	5,084	3,387	3,067	3,170
Other industrial compounds	[11] 35,200	19,925	18,714	13,137
PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS				
Total value	201,689	166,257	158,345	108,686
Perfumes and toilet waters	27,462	15,004	13,883	8,403
Creams, other than shaving cream	33,347	25,125	23,710	*15,636*
Lip sticks and lip rouges	12,309	5,100	4,939	4,055
Other rouges		5,630	5,418	2,925
Dentifrices	32,464	35,699	35,477	25,957
Deodorants for human use	(12)	2,802	2,620	1,841
Shampoos	5,797	4,087	3,940	2,693
Face powders	24,038	18,872	18,289	12,023
Talcum powders	8,344	8,418	8,204	4,380
Other toilet powders	2,340	2,543	2,378	2,109
Hair dyes, tonics, and dressings	55,589	15,889	13,836	8,972
Face lotions		5,817	5,447	4,241
Other toilet preparations		21,272	20,203	15,450

[1] For reasons of adjustment see last paragraph of general note, p. 715.
[6] No comparable figures available because of changes in classification of products at the 1933 census.
[7] Not including pharmaceutical specialties dispensed on physicians' prescriptions or through physicians.
[8] Patent and proprietary packaged medicines includes $21,799,000 for 1929 and $22,432,000 for 1931 for antiseptics reported as "Proprietary compounds." Schedules for these years did not provide for reporting antiseptics under the head of "Patent and proprietary packaged medicines."
[9] No comparable figures available. The value published for 1929 ($5,033,000) included that of deodorants for human use which are now included with "Other industrial compounds."
[10] Not including production in the "Chemicals not elsewhere classified" industry.
[11] Not strictly comparable with figures for 1931 and 1933. See footnote 9. [12] Data incomplete.

Source: Bureau of the Census, Department of Commerce.

No. 771.—TANNING MATERIALS, NATURAL DYESTUFFS, MORDANTS AND ASSISTANTS, AND SIZES: PRODUCTION

	Quantity (thousands of pounds)				Value (thousands of dollars)	
	1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
Total value					22,994	21,058
Tanning extracts: [2]						
Oak and chestnut	277,449	234,390	233,781	241,015	3,782	3,641
Sumac	5,279	5,809	5,809	6,452	370	301
Quebracho	100,067	76,469	75,747	33,709	1,834	703
Other					346	529
Other tanning materials [2]					1,761	1,783
Natural dyestuffs:						
Extracts (logwood and quercitron)	21,758	18,469	18,467	12,280	1,313	939
Other extracts, and ground, chipped and dry product					302	195
Mordants					449	459
Assistants, total value					5,187	6,216
Softeners, total value					1,039	1,509
Quantity reported	31,013	33,111	26,526	22,958	1,039	1,273
Quantity not reported						236
Turkey red oil, total value					1,238	1,839
Quantity reported	24,261	13,550	12,999	17,573	1,238	1,726
Quantity not reported						113
Other					2,310	2,868
Sizes, total value					7,650	6,238
Dextrin	33,507	25,164	25,106	24,174	1,444	1,448
Other, total value					6,206	4,785
Quantity reported	263,788	195,814	190,772	162,776	6,206	4,600
Quantity not reported						185

[1] For reason of adjustment see last paragraph of general note, p. 715.
[2] Not including tanning materials made and consumed in the same establishments.

No. 772.—RUBBER PRODUCTS

	Unit	Quantity (thousands of unit specified)				Value (thousands of dollars)	
		1929	1931 As published; comparable with 1929	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]	1931 Comparable with 1933 [1]	1933 Reported on standard schedule [1]
Total value						608,700	488,615
Tires and inner tubes:							
Pneumatic:							
Motor-vehicle	Number	143,808	98,309	98,309	88,270	358,997	250,464
Motor cycle and bicycle	do	3,737	2,835	2,835	3,908	2,411	2,302
Solid and cushion:							
Truck	do	424	112	112	85	4,055	2,225
All other						1,403	1,521
Boots, rubber	Pair	5,454	1,971	1,971	2,622	4,775	4,659
Shoes and overshoes, rubber	do	51,357	27,145	27,145	32,984	26,378	23,042
Shoes, canvas, with rubber soles	do	43,954	28,082	28,082	20,689	17,155	13,813
Heels, for sale as such	do	292,710	248,257	246,956	272,504	11,582	11,119
Soles, incl. composition or fiber	do	46,189	59,609	59,584	91,995	8,333	8,316
Rubberized fabrics, sold as such or on hand:							
Automobile and carriage	Yard	22,407	10,425	10,425	8,620	5,308	3,362
All other	do	70,550	53,574	53,246	62,631	12,186	14,836
Belting	Pound	45,024	30,606	30,605	30,628	13,608	12,928
Hose and tubing						21,993	18,074
Packing	Pound	17,923	9,266	9,235	9,328	2,107	1,872
Druggists' and stationers' sundries						11,924	8,876
Hard-rubber goods						11,370	9,927
All other manufactures of rubber						84,921	75,312
Reclaimed rubber	Pound	363,696	216,509	216,158	158,503	9,964	5,965

[1] For reason of adjustment see last paragraph of general note, p. 715.

Source of tables 771 and772: Bureau of the Census, Department of Commerce.

No. 773.—PRINTING AND PUBLISHING: CENSUS STATISTICS

Publications	1925	1927	1929	1931	1933
	Value (thousands of dollars)				
Total	2,241,095	2,473,902	2,711,607	2,184,813	1,505,484
Newspapers and periodicals, printed and published or published only	1,321,611	1,459,088	1,580,565	1,293,777	937,114
Newspapers	892,094	977,648	1,073,119	886,523	667,820
Periodicals, other than newspapers	429,517	482,040	507,445	407,254	269,294
Subscriptions and sales	398,338	429,467	460,326	425,267	367,440
Advertising	923,273	1,030,221	1,120,238	868,510	569,674
Books and pamphlets, printed and published or published only	154,991	178,163	199,015	146,438	95,312
Newspapers, periodicals, books, and pamphlets, printed for publication by others [1]	103,205	109,732	129,518	156,737	101,372
Sheet music and books of music	14,133	17,147	16,538	12,204	595
General job printing, composition sold to the trade, ready prints, and paper patterns	647,155	709,173	785,971	[2] 575,657	[2] 371,093
	Aggregate circulation per issue (average for the year)				
Newspapers and periodicals:					
Daily	38,039,682	42,343,210	42,947,824	42,124,651	38,424,281
Sunday	25,630,056	27,695,859	29,011,648	27,453,465	25,453,894
Triweekly	400,730	468,534	311,777	215,694	165,703
Semiweekly	1,934,095	2,026,760	2,982,184	2,637,126	2,836,089
Weekly	50,815,443	55,985,413	53,378,350	46,054,782	51,413,509
Monthly	111,875,957	120,693,490	133,048,488	122,670,528	103,192,794
Quarterly	22,840,186	21,247,360	20,605,002	19,575,617	23,237,557
All other classes	8,450,308	8,156,399	11,514,355	8,353,006	6,334,286

[1] The inclusion of this item results in duplication in the total value of products since it represents amounts paid by publishers for work done for them, and consequently enters into the production cost and the "Value of products" (receipts for subscriptions and sales and advertising), reported by the publishers.
[2] In addition, lithographed or engraved labels, tags, and greeting cards valued at $28,681,000 in 1931 and $23,745,000 in 1933 were reported by establishments in other industries.

No. 774.—ENGINES, TURBINES, TRACTORS, WATER WHEELS, WINDMILLS, AND LOCOMOTIVES

[Value in thousands of dollars]

Class	1925	1927	1929	1931	1933
Total	314,609	368,181	468,617	161,151	58,573
Steam engines and turbines	24,411	22,573	32,415	14,893	8,443
Reciprocating marine	636	1,703	5,137	493	161
Reciprocating stationary and portable	7,962	5,406		1,634	435
Stationary turbines	14,055	14,499	27,278	8,427	5,670
Marine turbines	[1]	965		4,339	1,505
Not reported as to type	1,758				672
Internal-combustion engines (not including tractors)	117,894	141,161	166,634	68,270	29,624
Diesel and semi-Diesel type—					
Marine (Diesel)	7,353	7,062	11,430	4,876	1,828
Other	15,875	13,347	15,369	6,978	3,326
Other internal-combustion engines—					
Marine—					
Stationary	8,833	7,370	7,111	5,528	949
Detachable	2,561	5,553	7,852	2,352	1,249
Motor vehicle [2]	[3] 55,624	63,636	50,654	15,424	4,147
Other stationary and portable	27,648	34,699	49,251	19,341	9,406
Aircraft engines [4]		9,494	24,066	13,780	8,710
Tractors and traction engines	102,905	136,950	196,997	57,527	18,004
Tractors, internal-combustion	102,647	136,836	196,953		
Traction engines, steam	258	113	44		
Windmills	4,053	3,327	4,063	1,214	1,400
Water turbines	5,338	5,441	5,028	6,889	483
Engines and turbines not specified as to kind of power	[5] 13,707	414	675		191
Locomotives, steam	46,301	58,315	62,805	12,349	429

[1] No data.
[2] Excluding engines built for installation in motor vehicles manufactured in the same establishments.
[3] Includes some aviation engines for 1925.
[4] Excluding engines built for installation in aircraft manufactured in the same establishment. Data prior to 1927 included with motor vehicle and other stationary and portable engines (see footnote 3).
[5] Reported as secondary products by establishments in other industries; tractor trucks also included.

Source of tables 773 and 774: Bureau of the Census, Department of Commerce.

No. 775.—MACHINERY: VALUE OF THE PRINCIPAL CLASSES MANUFACTURED

NOTE.—Values in thousands of dollars. The various classes of machinery listed are products of a number of industries, such as "foundry and machine-shop products," "agricultural implements," "aircraft," "electrical machinery, apparatus, and supplies," etc. This table is not an industry presentation, but a special presentation giving value of products for groups designated. The values are in part duplicated in other tables in this abstract, such as tables 776–780.

Class	1925	1927	1929	1931	1933
Agricultural machinery	93,222	129,595	167,673	49,954	17,109
Aircraft	8,102	14,505	51,608	21,790	15,670
Bakers' machinery and equipment	17,212	20,015	21,730	10,876	7,332
Blowers and fans	16,210	20,433	25,243	15,323	6,955
Bottling machinery	10,139	11,584	11,082	5,653	9,157
Clay-working machinery (brick, pottery, etc.)	5,298	4,308	4,402	1,671	591
Canning machinery	9,706	7,339	8,535	4,065	3,139
Cars and trucks, motorized	(1)	(1)	(1)	2,317	2,120
Cash registers, adding, calculating, and card-tabulating machines, and typewriters	(1)	143,913	151,583	62,279	46,577
Cement and concrete machinery:					
Cement-making machinery	4,146	4,619	4,387	1,579	545
Concrete mixers	12,620	12,674	11,405	4,357	963
Other cement and concrete machinery	7,640	3,240	4,132	1,457	224
Condensers	4,938	5,899	4,386	2,590	990
Confectionery and ice-cream machinery	5,143	5,682	3,674	3,809	2,667
Conveying machinery:					
Bucket type	(1)	10,726	9,387	2,695	2,107
Belt type	(1)	10,520	14,206	7,153	3,463
Other	(1)	12,282	24,944	12,261	5,844
Cotton-ginning machinery	12,808	9,543	11,760	2,630	2,165
Cranes (including hoists and derricks)	43,936	44,454	57,840	18,448	5,607
Dairy, cheese-factory, and butter-factory machinery	15,177	16,536	16,593	11,388	8,327
Dredging and excavating machinery:					
Power shovels	26,609	32,106	43,348	18,609	4,519
Other	19,232	19,776	17,397	11,578	2,975
Electrical machinery	202,146	203,995	253,594	[2]138,425	74,933
Elevators and elevator machinery	47,430	43,152	44,044	20,035	8,322
Engines (steam or internal-combustion), tractors, and water wheels [3]	264,255	306,530	401,748	147,589	56,744
Flour-mill and grain-mill machinery	7,946	7,967	8,286	4,342	2,354
Gas machines and apparatus	6,242	5,082	5,408	1,794	(1)
Glass-making machinery	2,666	3,085	3,088	2,545	1,895
Hydraulic machinery (other than for dredging)	4,938	2,006	10,082	4,540	1,549
Laundry machinery	24,198	27,204	28,893	14,637	5,980
Lawn mowers	8,047	9,269	10,953	6,141	3,467
Leather-working machinery, other than shoe	2,222	2,000	1,249	816	747
Locomotives (steam and internal-combustion)	48,028	60,050	65,203	13,073	787
Machine tools	91,459	105,555	186,374	58,712	23,828
Metal-working machinery, other than machine tools	47,353	39,201	50,336	36,294	13,530
Meters, gas, water, and other liquids	24,502	24,978	25,694	14,393	7,980
Mining machinery (other than oil-well), including ore crushers	38,079	38,152	40,325	12,570	8,776
Motorcycles and bicycles	15,906	13,804	13,727	[4]10,608	(1)
Motor vehicles, except motor cycles	2,940,821	2,540,714	3,412,056	1,387,173	928,650
Oil-mill machinery, cottonseed, and other	4,132	4,697	2,533	1,286	2,110
Oil-well machinery	47,299	62,126	89,067	23,105	20,706
Packing-house machinery	5,370	5,577	6,663	4,622	2,756
Paper-mill and pulp-mill machinery	21,209	27,098	30,456	15,793	8,696
Pneumatic machinery (other than pneumatic tools):					
Air compressors	29,473	29,319	39,683	15,210	7,214
Other pneumatic machinery	(1)	(1)	1,691	1,657	397
Printing machinery	68,055	63,240	64,860	32,324	13,598
Pumps (hand and power) and pumping equipment	121,299	120,127	144,947	71,555	36,845
Refrigerators, mechanical	62,593	112,141	167,149	128,033	90,694
Refrigerating and ice-making machinery				16,642	4,115
Road-making machinery	26,297	27,728	30,694	27,006	11,127
Rubber-working machinery	10,164	9,951	13,552	4,425	3,347
Scales and balances	23,691	22,166	25,385	12,072	6,805
Sewing machines	(1)	32,934	37,378	15,252	10,274
Shoe machinery	11,769	12,334	12,317	9,755	8,130
Slot-vending machines	4,202	7,059	8,821	5,861	5,472
Stokers, mechanical	9,420	10,213	14,054	8,310	5,629
Sugar-mill machinery	8,643	6,601	5,046	1,840	794
Textile machinery and parts	109,354	102,200	115,525	61,223	57,892
Transmission machinery	15,350	18,246	26,787	15,326	9,093
Vacuum cleaners (electric)	40,285	36,972	[5]35,108	24,847	14,411
Washing machines, clothes wringers, driers, and ironing machines for domestic use	70,761	69,140	79,011	48,281	42,421
Well-drilling machinery, other than oil-well	1,843	1,545	1,463	1,530	777
Windmills	4,053	3,327	4,063	1,214	1,400
Woodworking machinery	39,620	29,569	35,161	11,057	6,100

[1] No comparable data.
[2] Includes motor parts.
[3] Excluding steam boilers made for sale as separate units.
[4] Includes motor-cycle side cars and parts.
[5] Figures include both electric and other vacuum cleaners.

Source: Bureau of the Census, Department of Commerce.

No. 776.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: VALUE OF PRODUCTS, BY CLASSES

[All figures except number and kilovolt-amperes in thousands of dollars]

Product	1925	1927	1929	1931	1933
Total value	1,397,709	1,515,230	1,918,733	987,643	533,072
Generators (not specified elsewhere):					
Direct current—					
Value	5,317	4,503	2,500	1,692	825
Alternating current—					
Number			2,360	1,053	787
Kilovolt-amperes (thousands)			3,869	1,310	(1)
Value	2,098	2,856	19,325	8,825	3,050
Synchronous condensers and frequency changers—	3,674	3,632			
Number	17,899	18,335	203	85	37
Kilovolt-amperes (thousands)			752	432	(1)
Value			4,241	2,547	195
Automotive generators for battery charging	56,221	58,128	28,210	10,584	7,779
Automotive starter motors			32,849	13,044	9,032
Self-contained power and lighting outfits	11,143	8,239	6,840	1,639	945
Transformers, induction-voltage regulators, and current-limiting reactors	62,153	66,804	84,032	42,742	13,094
Motor-generator sets and dynamotors	8,264	6,764	13,397	6,007	2,201
Control apparatus, railway, vehicle, motor, and other	31,303	34,181	44,289	22,186	15,165
Electric locomotives (mining, industrial, and railway)	10,331	9,858	17,706	(2)	(2)
Stationary motors (not fan), total	92,648	97,673	136,035	68,430	41,173
Fractional horsepower	28,249	33,903	51,252	33,648	23,747
One horsepower and over—					
Direct current	15,797	15,628	22,619	9,060	3,622
Alternating current	48,602	48,142	62,164	25,723	13,574
Not reported by kind or rating					230
Electric fans	10,654	10,352	10,196	8,984	2,437
Storage batteries, parts and supplies	110,212	97,808	109,601	65,736	52,129
Primary batteries	40,982	46,283	40,334	20,200	15,315
Primary battery parts and supplies	4,054	6,298			
Carbons: Electrodes for lighting and furnaces, brushes, and specialties	13,955	14,364	17,049	9,512	8,997
Incandescent lamps and X-ray tubes	73,558	87,933	85,320	70,502	49,849
Telegraph apparatus	2,922	5,561	166,293	113,170	21,180
Telephone apparatus	81,510	115,452			
Household apparatus and appliances:					
Vacuum cleaners, portable	39,971	36,222	35,108	24,847	14,410
Flatirons	7,998	7,917	8,018	5,070	4,639
Cooking utensils	7,921	11,668	13,341	8,250	5,311
Ranges, disk stoves, and hot plates	7,901	12,119	16,933	9,643	4,189
Air heaters, radiant and convector type	2,028	1,439	1,833	1,012	362
Electric-measuring instruments, meters, etc.	31,650	34,133	38,523	22,715	9,328
Switchboards, panel boards, cabinets, circuit breakers, and switches	69,759	71,924	81,201	44,832	16,243
Magnetos	9,930	9,016	14,461	3,300	(3)
Spark plugs	13,878	13,372	20,244	15,800	12,896
Coils (ignition)	7,837	8,467	9,502	3,734	(3)
Insulated wires and cables	210,617	210,048	312,592	120,197	61,226
Railway signals and attachments	14,030	22,340	22,572	10,583	(2)
Fuses and fuse blocks	10,393	10,891	14,086	7,761	4,825
Wiring devices	34,806	32,703	38,395	21,778	17,706
Lightning arresters and choke coils	5,961	6,327	6,515	3,257	1,592
Electric-railway line materials	4,240	5,446	3,261	1,718	1,213
Conduits, fittings, and armored cable	45,785	41,717	58,158	33,427	19,102
Electric signaling apparatus (other than railway)	8,571	9,976	12,248	6,881	(4)
All other	231,307	280,969	393,575	177,034	116,572

[1] No comparable data.
[2] Withheld to avoid disclosing approximations of data for individual establishments.
[3] No data.
[4] Included with "All other".

Source: Bureau of the Census, Department of Commerce.

No. 777.—AGRICULTURAL IMPLEMENTS: PRODUCTION

NOTE.—For farm wagons and farm trucks, see table 782

Product	Number				Value (thousands of dollars)	
	1929	1931 As published; comparable with 1929	1931 Adjusted for comparison with 1933 [1]	1933 Reported on standard schedule [1]	1931 Adjusted for comparison with 1933 [1]	1933 Reported on standard schedule [1]
Total values					70,959	27,435
Planting and fertilizing machinery					9,844	2,404
Corn planters, 1 and 2 row	74,778	35,026	33,648	9,324	1,638	274
Combined corn and cotton planters	93,959	15,383	15,231	5,465	504	119
Combined listers and drills	7,004	2,031	1,835	1,378	120	86
Grain drills	70,408	11,380	10,558	3,860	1,310	219
Fertilizer distributors, horse- or tractor-drawn	92,741	21,096	16,326	6,845	110	48
Spreaders, lime and manure	73,265	22,933	22,131	6,781	2,194	505
Broadcast seeders	167,974	51,323	44,231	(2)	265	40
Other planting and fertilizing machinery		54,242	29,259	10,848	1,153	223
Attachments and parts					2,550	802
Plows and listers					10,924	6,212
Moldboard plows:						
Horse-drawn, walking	440,731	130,345	115,375	104,325	901	703
Horse-drawn, sulky	56,466	5,334	4,805	4,014	271	227
Tractor-drawn	122,897	26,827	26,464	5,942	2,055	377
Disk plows, tractor-drawn	16,397	2,040	1,865	958	302	182
One-way disk tillers	22,992	7,085	7,021	430	1,223	56
Listers (middlebusters), tractor-drawn	2,966	4,680	4,680	784	439	47
Other plows and listers	102,112	27,112	24,862	5,821	589	117
Plows and listers not distributed by kind or by number, and parts					405	487
Attachments and parts, including plow stocks and steel plow shapes					4,739	3,925
Harrows, rollers, pulverizers, and stalk cutters					5,009	1,250
Spike-tooth and spring-tooth harrows	496,383	163,734	151,299	75,874	1,125	459
Disk harrows	138,849	46,853	43,558	11,303	2,804	427
Harrows not reported by kind or by number						19
Other harrows, rollers, etc	34,951	11,793	5,459	1,324	257	34
Attachments and parts					823	311
Cultivators and weeders					7,374	2,299
Horse-drawn, except disk	424,208	117,723	104,384	71,217	2,597	988
Tractor-drawn	34,634	15,631	13,478	3,367	1,544	284
Hand cultivators (wheeled hoes)	153,434	160,360	119,689	(2)	302	259
Other cultivators and weeders	85,842	39,477	32,952	3,701	1,021	145
Attachments and parts					1,910	622
Harvesting machinery					18,517	5,150
Combines (harvester-thresher)	36,957	5,907	5,831	349	9,179	323
Potato diggers (elevator type)	9,400	3,905	3,329	1,401	258	70
Other harvesting machinery	116,116	29,863	28,598	13,317	5,224	1,918
Attachments and parts					4,856	2,839
Haying machinery					6,800	4,525
Mowers	126,360	43,312	42,423	36,720	2,311	1,766
Rakes	[3] 58,134	20,341	20,009	6,200	749	235
Loaders	24,920	10,042	10,040	953	828	75
Other haying machinery	51,849	16,551	14,153		690	
Attachments and parts					2,222	2,449
Machines for preparing crops for market or use					10,751	5,029
Grain threshers	13,813	3,954	3,793	369	3,015	302
Ensilage cutters (silo fillers):						
Number reported	8,065	3,156	3,068	1,240	581	250
Number not reported						51
Corn shellers	40,378	16,853	13,438	8,276	488	174
Hay presses	3,460	1,627	1,422	(2)	498	243
Feed grinders and crushers:						
Hammer mills:						
Number reported	101,592	11,041	9,042	5,157	1,897	440
Number not reported						135
Other types		33,407	28,757	5,141	702	166
Grain cleaners and graders, for small grain only	11,635	3,642	2,162	(2)	82	197
Other machines for preparing crops, etc	102,198	32,855	6,865	(2)	1,192	832
Attachments and parts					2,294	2,238
Miscellaneous and undistributed					738	565

[1] For reason of adjustment see last paragraph of general note, p. 715.
[2] Data incomplete. [3] Rakes, sulky (dump) only.

Source: Bureau of the Census, Department of Commerce.

No. 778.—MACHINE TOOLS: NUMBER AND VALUE, BY KINDS

Kind	Number			Value (thousands of dollars)		
	1929	1931	1933	1929	1931	1933
Machine tools, total value				186,374	58,712	23,828
Boring machines:						
Horizontal and vertical	416	84	118	2,296	795	519
Special types and combinations	(1)	(1)	(1)	3,917	1,124	374
Drilling machines:						
Horizontal, vertical, and radial	11,290	2,376	(1)	14,945	3,340	967
Combination vertical and horizontal, automatic, bench, and vertical universal head	(1)	(1)	(1)	2,350	2,065	669
Gear-cutting machines	(1)	(1)	(1)	8,980	3,569	1,030
Grinding machines	(1)	(1)	(1)	22,102	8,662	3,627
Lathes:						
Engine, except gap lathes	8,693	2,807	2,054	11,759	2,768	1,137
Automatic and hand-operated horizontal turret	8,260	(1)	443	31,334	6,026	1,702
Other	(1)	(1)	(1)	5,461	1,323	1,041
Milling machines	(1)	(1)	(1)	16,857	3,845	1,341
Presses (except forging presses)	(1)	(1)	(1)	9,792	2,460	1,686
Portable tools (electric and pneumatic):						
Drills:						
Number reported	[2] 133,369	61,399	24,115	[2] 7,033	3,683	1,409
Number not reported		(1)	(1)		318	94
Grinders	56,844	14,986	(1)	3,547	1,032	466
Hammers	[2] 55,130	13,085	11,252	[2] 3,549	1,232	629
Other, including portable motor-driven garage equipment, etc.	(1)	(1)	(1)	5,639	5,779	2,303
Threading machines (except for pipe)	(1)	595	134	2,792	1,010	132
Shapers	(1)	(1)	35	33,023	9,682	58
All other machine tools			(1)			4,644

[1] Data incomplete.
[2] Not strictly comparable with figures for 1931; includes data for rock drills, tampers, etc.

Source: Bureau of the Census, Department of Commerce.

No. 779.—MACHINE-TOOL ACCESSORIES AND MACHINISTS' PRECISION TOOLS AND INSTRUMENTS: VALUE, BY KINDS

Product	Value (thousands of dollars)			Product	Value (thousands of dollars)		
	1929	1931	1933		1929	1931	1933
Total value	183,139	74,551	46,876	Small tools and tool holders—Continued:			
Attachments and fixtures	98,144	47,863	25,894	Milling cutters (all types), end mills, slotting cutters, etc.:			
General equipment:				Solid	10,705	3,326	2,447
Chucks	4,398	1,000	714	Inserted-teeth		805	1,212
Vises (machine)	182	30	81	Reamers	8,157	2,145	1,220
Attachments for machine tools:				Threading tools:			
Lathe	6,358	200	104	Taps and dies (not pipe-threading):			
Boring, drilling, and milling machine		1,430	805	Taps	6,596	2,383	1,848
Other attachments			99	Dies	2,700	856	652
Other attachments and fixtures		2,095	1,592	Chasers	3,251	1,346	1,018
Special equipment	87,206	43,108	22,501	Pipe-threading:			
				Taps	300	261	405
Small tools and tool holders	(1)	23,404	17,500	Dies	1,847	532	456
				Pipe stocks, complete with dies	2,330	1,084	650
Arbors, collars, and collets (lathe, milling-machine, and drill)	710	192	164	All other, and those not reported by kind		3,954	2,285
Counterbores	1,117	323	56	Precision measuring tools (micrometer and vernier)	31,622	2,075	186
Countersinks and combination countersinks and drills	[2] 65	193	104	Gages (plug, ring, snap, thread, etc.)			761
Drills	14,007	4,897	4,508	Other measuring tools		1,209	618
Hobbing cutters	2,079	1,106	484	Machine-tool accessories, etc., not reported by kind			1,910

[1] Total cannot be given as value of "All other small tools and tool holders", etc., is not segregated.
[2] Countersinks only; not comparable with figures for later years.

Source: Bureau of the Census, Department of Commerce.

No. 780.—REFRIGERATING AND ICE-MAKING APPARATUS: PRODUCTION

Product	Number		Value (thousands of dollars)	
	1931	1933	1931	1933
Total value			[1] 189,377	[1] 136,124
Mechanical refrigerators and refrigerating systems, compression-type (electric):				
Domestic (household):				
Self-contained, total	708,894	956,350	[1] 90,447	[1] 75,460
Capacity under 6 cu. ft.	431,934	433,434	48,061	27,347
6 cu. ft. or more but under 10 cu. ft.	260,806	416,310	38,349	39,105
10 cu. ft. and over	16,064	10,062	4,038	1,935
Not reported by size		96,550		7,073
Systems [2] complete without cabinets, all sizes	117,166	37,748	9,241	1,659
Commercial			[1] 15,520	[1] 7,986
Water coolers, self-contained	20,341	(3)	2,231	975
Ice-cream cabinets, self-contained:				
Number reported	52,500	3,499	10,696	614
Number not reported				1,102
Other commercial refrigerators and display cases, self-contained	34,465	(3)	2,594	4,778
Compressors and miscellaneous commercial equipment, not reported separately				517
Compressors made for sale separately	(3)	29,961	12,824	3,484
Evaporators made for sale separately:				
Number reported		15,953		622
Number not reported				745
High sides and low sides made for sale separately		22,292		739
Cabinets,[2] display cases, etc., for mechanical refrigerators, made for sale separately:				
Domestic (household), all sizes	318,835	441,278	10,616	12,321
Commercial:				
Refrigerator cabinets:				
Number reported	(3)	17,667	8,871	1,129
Number not reported				339
Display, storage, etc., cases:				
Number reported		8,425		3,576
Number not reported				1,630
Remote fountain or water coolers, with low sides				281
Ice refrigerators and ice boxes:				
Domestic (household):				
Number reported	373,855	223,252	6,399	3,306
Number not reported			2,229	744
Commercial ice refrigerators, water coolers, milk coolers, food-display cases, etc.:				
Number reported	73,757	37,446	5,405	1,558
Number not reported			2,148	1,835
Custom-built refrigerators, cabinets cooled by replaceable chemical refrigerant ("Kold-Kans", etc.) and cooling equipment therefor, and cabinets and display cases not reported by method of cooling			3,061	268
Ice-making and refrigerating machines, industrial (rated ice-making capacity in tons per 24 hours)			16,642	4,115
Less than 10 tons:				
Number reported	(4)	2,274	(4)	921
Number not reported				299
10 tons or more but under 100 tons:				
Number reported		1,257		921
Number not reported				179
100 tons and over		(3)		737
Not reported separately by size				1,058
Absorption-type refrigerators and parts for all types [5]			15,973	14,327

[1] The values of "Systems complete without cabinets" (see footnote 2) and "Cabinets, display cases, etc.," are duplicated in the totals to which this footnote is indexed, to the extent to which these products were sold to manufacturers in the industry, or were transferred from one plant to another under the same ownership for assembly and sale as complete refrigerators.

[2] The term "System", as used here, refers to a complete assembly, consisting of "High sides" and "Low sides" with motor, control, and expansion valve or its equivalent. The cabinet is not a part of the system.

[3] Data incomplete.

[4] No data.

[5] Figures combined to avoid disclosing output of an individual manufacturer of absorption-type refrigerators.

Source: Bureau of the Census, Department of Commerce.

No. 781.—RADIO APPARATUS AND PHONOGRAPHS: PRODUCTION, 1933

Product	Number		Value (thousands of dollars)	
	1931	1933	1931	1933
Radios, phonographs, and apparatus, total value			[1] 195,382	[1] 119,527
Receiving sets, complete (cabinets, chassis, speakers, and tubes)			117,372	70,553
Number reported	3,745,682	3,599,522	116,706	69,309
Number not reported			667	1,244
For the home			113,396	56,240
Number reported	3,648,383	2,896,964	113,396	55,167
Number not reported				1,073
Covering standard broadcast band:				
Socket-power-operated:				
Factory price not over $11	55,931	415,198	577	3,439
Over $11, but not over $30	1,981,154	1,961,759	44,291	32,256
Over $30	1,437,450	311,870	62,808	12,469
Battery-operated (excluding batteries)	49,198	92,618	1,700	1,932
Extending beyond standard broadcast band—all-wave receiving sets, both socket-power and battery-operated (excluding batteries)	11,078	115,519	603	5,071
Home receiving sets, not reported by kind or by price	113,572	[2]	3,267	1,073
Automobile sets	96,145	700,018	3,076	13,598
Power-operated, except police sets:				
Factory price not over $22	3,325	468,584	112	7,847
Over $22		230,158		5,704
Police sets, both battery-operated and power-operated		1,276		47
Battery-operated, except police sets	92,820		2,964	
Aircraft and television sets or kits, receiving sets for commercial use, and other sets not specified above			900	716
Number reported	1,154	2,540	234	545
Number not reported			667	170
Tubes:				
Receiving tubes	49,262,848	59,859,259	26,978	25,215
For replacement	24,318,052	36,442,340	13,714	15,870
Rectifiers (primarily for use with receiving sets)	1,299,854	5,088,670	681	2,047
Other, including television (neon and other converter)	23,018,198	31,353,670	13,033	13,823
For initial equipment, total [3]	24,944,796	23,416,919	13,264	9,345
Rectifiers (primarily for use with receiving sets)	1,393,274	5,996,239	552	2,217
Other tubes	23,551,522	17,480,680	12,712	7,128
Transmitting tubes	62,562	[2]	1,410	1,382
Light-sensitive tubes; other, primarily for industrial control apparatus; rectifier tubes other than for use with receiving sets; tubes not reported as to kind	[2]	[2]	947	722
Transmitters (including all associated equipment):				
Broadcast	182	[2]	631	457
Aircraft	270	[2]	180	59
Ship	274	[2]	980	516
Other transmitters, for use at fixed locations	374	[2]	608	331
Phonographs and accessories:				
Phonographs for mechanical reproduction, including cabinets	37,152	[2]	530	128
Phonographs for electrical reproduction, including cabinets	11,152	[2]	1,149	1,782
Phonographs, number and class not reported			821	
Records	30,851,282	[2]	7,698	2,500
Needles	[2]	[2]	434	345
Combination radio-and-phonograph units	73,603	30,092	6,310	1,408
Public-address and theater (not including motion-picture theater), sound-reproducing equipment, and home talking-moving-picture combinations	[2]	[2]	4,512	2,298
Miscellaneous:				
Receiving-set chassis for sale separately as such [3]	405,942	129,434	7,863	1,997
Loud speakers for sale separately as such [3]	[2]	[2]	4,648	3,002
Microphones (all types)	10,225	[2]	187	344
Other apparatus and products (including dictating machines, [4] dictating-machine record blanks, and combined portable receivers and transmitters), and products not reported by kind			12,124	6,487

[1] Includes some duplication. See footnote 4.

[2] Data incomplete.

[3] The items to which this footnote is indexed are duplicated in the subtotals and the total at the head of the table, to the extent to which the products were sold to manufacturers of complete radio receiving sets for installation in such sets made within the year covered by the report.

[4] Figures for dictating machines withheld to avoid disclosing data for individual establishments.

Source: Bureau of the Census, Department of Commerce.

No. 782.—VEHICLES AND AIRCRAFT: PRODUCTION

Product	Number			Value (thousands of dollars)		
	1929	1931	1933	1929	1931	1933
MOTOR VEHICLES, INCLUDING CHASSIS						
Total	5,204,087	2,295,063	1,848,013	3,412,056	1,387,173	928,650
Passenger vehicles (not including busses and taxicabs)	4,362,215	1,911,717	1,534,366	2,767,339	1,119,817	753,134
Closed	3,917,370	1,786,393	1,516,343	2,537,938	1,059,550	744,268
Roadsters, runabouts, and other open	444,845	125,324	18,023	229,402	60,267	8,866
Motor busses (school, sightseeing, and public-utility)	9,072	4,241	1,574	31,612	17,927	6,948
Trucks	385,750	243,647	213,683	269,508	159,211	110,765
Hearses and undertakers' wagons	2,310	1,145	325	5,655	2,954	1,911
Taxicabs, truck-tractors, and commercial vehicles, not specified above	20,549	5,946	0,114	28,937	9,041	8,014
Other vehicles and apparatus	1,960	1,154	708	10,156	6,163	2,215
Chassis	512,219	127,213	90,743	298,847	71,162	45,663
Passenger	76,401	7,556	8,756	32,398	3,739	3,875
Commercial and bus	435,818	119,657	81,987	266,449	67,422	41,788
MOTORCYCLES, BICYCLES, AND PARTS						
Total value				21,198	13,285	(1)
Motorcycles	31,912	(2)	(2)	7,543	(2)	(2)
Bicycles	307,845	230,029	(2)	6,184	4,733	(2)
Parts, including value of motorcycle side cars				7,472	[2] 8,552	(2)
CARS, STEAM AND ELECTRIC RAILROAD						
Total value				347,396	101,134	44,749
Cars				249,679	48,841	(3)
Steam railroad cars, freight service, total	86,243	15,011	1,936	200,576	35,010	3,475
Box and tank	37,458	3,233	1,123	87,128	6,718	2,003
Other	48,785	11,778	813	113,448	28,292	1,472
All other cars (steam, passenger service; electric, passengor and freight; self-propelled)	(4)	(4)	(3)	49,103	13,831	8,262
Other products including car parts				97,717	14,200	
Receipts for repair work					38,002	33,012
CARRIAGES, WAGONS, SLEIGHS, ETC.						
Total value				(1)	4,604	4,358
Horse-drawn vehicles	(1)	30,262		(1)	1,705	[5] 2,439
Number reported		30,262	[5] 45,638		1,705	[5] 2,067
Number not reported						372
Farm wagons and farm trucks	(1)	25,359		(1)	1,378	2,353
Number reported		25,359	44,464		1,378	1,981
Number not reported						372
Business, wagons, including mail carriers' wagons, and public conveyances	(1)	823	[5] 100	(1)	187	[5] 25
Carriages, buggies, sulkies, and two-wheeled carts	(1)	2,423	1,074	(1)	121	61
Sleighs and sleds (including bobsleds)	(1)	557	(4)	(1)	19	(4)
Wheelbarrows	(1)			(1)	1,243	1,548
Handcarts and pushcarts	(1)	5,473	(4)	(1)	73	(4)
Parts	(1)			(1)	1,682	435
Wagons, trucks, carts, sleds, parts, etc., not reported separately	(1)			(1)		436
AIRCRAFT						
Total value				70,265	40,375	27,350
Airplanes [6 7]	6,522	2,357	1,082	46,848	17,623	13,449
Seaplanes and amphibians [6 8]	109	111	58	4,660	4,157	2,222
Parts				10,892	9,224	5,898
All other products, including repairs and experimental work				7,865	9,360	5,781

[1] No comparable data.
[2] Motorcycles cannot be shown separately without disclosing data for individual establishments. Value combined with that for "Parts", etc.
[3] Data withheld to avoid disclosing output of individual establishments.
[4] Data incomplete.
[5] Data incomplete; not reported separately by all manufacturers.
[6] The value for 1929 includes, in some cases, the value of engines made in the same plant and installed in the aircraft. The schedules for 1931 and 1933 called for the value of planes without engines.
[7] For 1929, includes data for 438 rebuilt and reassembled airplanes; for 1931, 70; for 1933, 27.
[8] For 1929, includes data for 4 rebuilt seaplanes; for 1931, 2 rebuilt amphibians and 1 rebuilt seaplane; for 1933, 1 rebuilt amphibian.

Source: Bureau of the Census, Department of Commerce.

No. 783.—COTTON SPINDLES, COTTON CONSUMPTION, AND STOCKS

NOTE.—The statistics for 1915 to 1934 relate to the 12 months ended July 31 and those for prior years to the 12 months ended Aug. 31. South refers to cotton growing States. Consumption is expressed in running bales, counting round as half bales, except that all figures, 1840 to 1870, inclusive, and foreign cotton in all years are in equivalent 500-pound bales. The number of active spindles represents spindles operated for any time, however short, during the year, and is therefore an unsatisfactory measure of activity of the industry

Year	Cotton spindles (thousands)					Spindles using cotton with other fibers (thousands)	Cotton consumed, excluding linters[1] (thousands of bales)			
	Total in place	Active					Total	The South	New England	Other States
		Total	The South	New England	Other States					
1840	(2)	2,285	181	1,597	506	(2)	237	71	159	7
1850	(2)	3,998	265	2,959	775	(2)	576	78	481	67
1860	(2)	5,236	324	3,859	1,053	(2)	845	94	567	184
1870	(2)	7,132	328	5,498	1,306	(2)	797	69	551	177
1880	(2)	[3] 10,653	[3] 561	[3] 8,632	[3] 1,460	(2)	[3] 1,570	[3] 189	[3] 1,129	[3] 252
1890	(2)	14,384	1,570	10,934	1,880	(2)	2,518	539	1,502	477
1900	(2)	19,472	4,368	13,171	1,933	(2)	3,873	1,523	1,909	440
1910	28,029	28,267	10,494	15,736	2,038	(2)	4,622	2,234	1,995	393
1915	32,841	31,964	12,956	17,101	1,908	395	5,597	3,027	2,149	421
1917	34,221	33,889	14,156	17,761	1,972	453	6,789	3,888	2,415	486
1918	34,941	34,543	14,529	17,985	2,029	447	6,506	3,607	2,402	497
1919	35,443	34,931	14,846	18,066	2,019	429	5,766	3,190	2,165	402
1920	35,834	35,481	15,231	18,287	1,963	402	6,420	3,583	2,307	440
1921	36,618	36,047	15,709	18,388	1,951	336	4,893	2,997	1,614	282
1922	36,946	35,708	15,900	17,939	1,863	314	5,910	3,730	1,823	357
1923	37,409	36,260	16,310	18,054	1,896	289	6,666	4,248	2,049	369
1924	37,804	35,849	16,044	17,066	1,839	258	5,681	3,858	1,535	288
1925	37,929	35,032	17,202	15,975	1,765	251	6,193	4,220	1,639	334
1926	37,586	34,750	17,574	15,526	1,650	243	6,456	4,500	1,628	328
1927	36,696	34,410	17,894	14,995	1,521	235	7,190	5,194	1,675	321
1928	35,540	33,570	18,282	13,815	1,473	232	6,834	5,114	1,438	282
1929	34,820	32,417	18,541	12,537	1,339	207	7,091	5,392	1,448	251
1930	34,025	31,245	18,586	11,351	1,308	177	6,106	4,749	1,143	214
1931	32,673	28,980	18,073	9,655	1,251	117	5,263	4,148	937	179
1932	31,709	27,272	17,630	8,566	1,076	113	4,866	4,033	678	155
1933	30,893	26,895	17,929	8,205	761	119	6,137	5,087	884	167
1934	30,942	27,742	18,511	8,457	774	126	5,700	4,550	985	165

Yearly average or year	Consumption (thousands of bales)						Stocks in consuming establishments at end of year (thousands of bales)			
	Total, excluding linters	Domestic			Foreign	Linters	Total, excluding linters	Domestic	Foreign	Linters
		Total	Upland	Sea Island						
1906–1910	[4] 4,829	[4] 4,680	[5] 4,595	[5] 62	149	[5] 163	[4] 731	[4] 673	58	[5] 39
1911–1915	5,257	5,051	4,976	75	206	293	822	738	84	80
1916–1920	6,388	6,105	6,034	71	282	734	1,452	1,352	100	179
1921–1925	5,869	5,577	5,568	9	292	599	1,003	911	92	139
1926–1930	6,735	6,434	6,433	1	301	815	1,150	1,050	100	186
1916	6,398	6,080	5,998	83	317	881	1,632	1,490	143	100
1917	6,789	6,470	6,376	94	318	870	1,502	1,408	94	113
1918	6,566	6,382	6,297	86	184	1,119	1,465	1,403	63	138
1919	5,766	5,590	5,539	51	176	458	1,303	1,253	51	267
1920	6,420	6,003	5,960	43	417	342	1,358	1,208	150	277
1921	4,893	4,677	4,658	19	216	516	1,111	1,021	90	201
1922	5,910	5,613	5,604	9	297	639	1,218	1,127	91	139
1923	6,666	6,322	6,316	6	344	646	1,100	981	118	127
1924	5,681	5,353	5,348	5	328	537	722	638	84	101
1925	6,193	5,917	5,914	4	276	659	866	787	79	120
1926	6,456	6,176	6,174	2	280	804	1,097	1,011	86	144
1927	7,190	6,880	6,879	1	310	806	1,405	1,325	80	199
1928	6,834	6,535	6,534	1	299	780	1,012	935	77	159
1929	7,091	6,778	6,777	1	313	879	1,052	932	120	187
1930	6,106	5,803	5,803	(7)	302	805	1,183	1,048	135	239
1931	5,263	5,084	5,083	(7)	179	714	996	922	74	254
1932	4,866	4,744	4,743	(7)	122	687	1,218	1,163	55	301
1933	6,137	6,004	6,003	(1)	133	761	1,348	1,298	50	322
1934	5,700	5,553	5,553	(7)	148	767	1,228	1,172	56	237

[1] Includes linters for 1840 to 1905.
[2] Figures not available.
[3] Cotton mills only.
[4] Includes linters for 1906 to 1908.
[5] Average, 1907 to 1910.
[6] Average, 1909 and 1910.
[7] Less than 500 bales.

Source: Bureau of the Census, Department of Commerce.

No. 784.—COTTON SPINDLE ACTIVITY AND CONSUMPTION, BY STATES

NOTE.—All data except the 1911-1915 average, which represents years ended Aug. 31, are for years ended July 31. Consumption includes both domestic and foreign cotton

Section and State	Cotton spindles in place (thousands)			Spindle hours (millions)			Cotton consumed, excluding linters (thousands of bales)				
	1931–32	1932–33	1933–34	1931–32	1932–33	1933–34	1911–1915, average	1926–1930, average	1931–32	1932–33	1933–34
United States	31,709	30,893	30,942	68,755	85,265	80,419	5,257	6,735	4,866	6,137	5,700
The South	19,138	19,052	19,331	53,613	66,366	59,291	2,740	4,990	4,033	5,087	4,550
New England	11,374	10,810	10,582	13,260	17,231	19,290	2,101	1,466	678	884	985
Other States	1,197	1,030	1,029	1,882	1,667	1,839	416	279	155	167	165
Alabama	1,871	1,874	1,921	5,556	6,415	5,803	275	563	532	661	584
Connecticut	1,067	975	957	1,391	1,762	1,751	127	101	52	58	59
Georgia	3,312	3,297	3,391	8,908	10,929	10,354	589	1,139	874	1,105	1,060
Maine	982	967	996	1,409	1,999	2,029	170	125	87	137	134
Massachusetts	6,168	5,865	5,708	6,689	8,488	10,162	1,269	823	340	421	516
New Hampshire	1,188	1,118	1,119	1,680	2,026	2,247	292	208	122	158	160
New Jersey	236	139	140	412	286	456	56	35	28	20	24
New York	617	551	542	904	749	695	199	130	70	83	74
North Carolina	6,192	6,137	6,142	15,251	18,630	17,196	840	1,534	1,183	1,472	1,335
Pennsylvania	98	94	95	139	149	155	48	23	11	13	14
Rhode Island	1,852	1,768	1,685	1,930	2,685	2,870	232	199	60	101	101
South Carolina	5,696	5,677	5,789	18,737	24,199	20,282	743	1,196	1,018	1,324	1,101
Tennessee	594	627	642	2,055	2,442	1,891	74	157	140	163	122
Virginia	678	643	653	1,648	1,943	1,929	85	120	115	145	137
All other States	1,159	1,161	1,158	2,046	2,565	2,600	258	371	222	287	272

Source: Bureau of the Census, Department of Commerce.

No. 785.—EXPLOSIVES: AMOUNTS (EXCLUDING EXPORTS) MANUFACTURED AND SOLD, CALENDAR YEARS

NOTE.—Black blasting powder in thousands of kegs or cases of 25 pounds each; other figures in thousands of pounds. "Permissible" explosives are those approved by the Bureau of Mines as suitable for use in coal mines

Kind and use	1926	1927	1928	1929	1930	1931	1932	1933	1934
Black blasting powder	6,307	5,288	[1] 4,870	[1] 4,802	[1] 3,995	[1] 3,193	[1] 2,550	[1] 2,568	[1] 2,757
Railway and other construction work	301	249	317	275	289	303	208	187	232
Coal mining	5,444	4,503	4,036	4,082	3,427	2,711	2,252	2,289	2,417
Metal mining	114	86	84	91	56	46	18	20	24
Quarrying and nonmetallic mineral mining	236	231	202	183	153	114	59	59	74
All other purposes	212	199	231	170	70	20	12	14	11
High explosives other than "permissible"	310,518	303,488	292,785	326,993	291,391	216,157	137,908	157,849	200,825
Railway and other construction work	44,982	48,253	50,767	60,060	78,362	74,964	53,860	71,055	95,038
Coal mining	35,220	34,173	30,077	31,752	28,148	19,965	16,173	17,478	22,212
Metal mining	110,374	102,122	96,088	108,939	91,161	57,431	29,409	32,839	45,690
Quarrying and nonmetallic mineral mining	76,186	78,506	74,820	79,505	68,334	48,568	29,263	29,985	34,491
All other purposes	43,747	40,413	41,032	46,738	25,386	15,229	9,203	6,492	9,195
"Permissible" explosives	67,685	63,847	60,708	62,969	53,828	41,578	32,225	38,927	39,208
Railway and other construction work	242	216	158	154	214	431	369	208	93
Coal mining	65,143	60,942	57,261	60,244	52,378	40,611	31,533	33,218	38,770
Metal mining	216	191	231	165	183	10	35	26	28
Quarrying and nonmetallic mineral mining	581	536	1,243	370	502	230	93	434	287
All other purposes	1,503	1,962	1,814	1,735	549	295	195	40	31

[1] Includes granular powder and pellet powder.

Source: Bureau of Mines, Department of the Interior.

No. 786.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED

Year ended June 30—	Distilled spirits			Fermented malt liquors	Year ended June 30—	Distilled spirits			Fermented malt liquors
	Exclusive of fruit brandy	Fruit brandy	Total			Exclusive of fruit brandy	Fruit brandy	Total	
	1,000 tax gallons.[1]	*1,000 tax gallons.*[1]	*1,000 tax gallons.*[1]	*1,000 barrels*[2]		*1,000 tax gallons.*[1]	*1,000 tax gallons.*[1]	*1,000 tax gallons.*[1]	*1,000 barrels*[2]
1905	147,811	5,449	153,259	[3] 49,522	1926	203,166	644	203,810	[4] 4,856
1910	156,238	7,656	163,894	[3] 59,486	1927	185,133	338	185,472	[4] 4,382
1915	132,134	8,522	140,656	[3] 59,808	1928	170,103	412	170,515	[4] 4,161
1918	173,476	5,357	178,834	[3] 50,266	1929	202,059	1,194	203,254	[4] 3,866
1920	99,616	1,649	101,265	[3] 9,231	1930	194,841	416	195,257	[4] 3,681
1922	81,086	1,077	82,163	[4] 6,348	1931	169,574	820	170,394	[4] 3,137
1923	123,208	1,417	124,626	[4] 5,269	1932	149,760	631	150,391	[4] 2,766
1924	136,632	847	137,530	[4] 4,891	1933	121,819	1,586	123,405	[5] [6] 8,209
1925	166,951	548	167,498	[4] 5,119	1934	233,036	8,574	241,610	[6] 37,678

[1] In computing taxable gallons all fractional parts of a gallon less than one-tenth are excluded.
[2] Of not more than 31 gallons.
[3] Includes fermented liquors removed from breweries for export free of tax.
[4] This item represents cereal beverages containing less than one-half of 1 per cent alcohol by volume; production for 1933 was 1,261,000 barrels and for 1934, 136,000 barrels.
[5] Production Apr. 7 to June 30. [6] Alcoholic content limited to 3.2 percent prior to Dec. 5, 1933.

No. 787.—DENATURED ALCOHOL

Year ended June 30—	Alcohol produced at industrial alcohol plants[1]	Denaturing plants	Ethyl alcohol withdrawn for denaturation	Denatured alcohol produced		
				Completely denatured	Specially denatured	Total
	Proof gallons		*Proof gallons*	*Wine gallons*	*Wine gallons*	*Wine gallons*
1910		12	10,605,871	3,076,925	3,002,103	6,079,027
1915		23	25,411,719	5,386,647	8,599,822	13,986,469
1920	18,033,551	52	45,640,949	13,528,403	15,307,947	28,836,350
1923	122,402,850	76	105,819,405	27,128,230	30,436,913	57,565,143
1924	135,897,726	83	121,576,196	34,602,004	33,085,292	67,687,296
1925	166,165,518	91	148,970,221	46,983,970	34,824,303	81,808,273
1926	202,271,670	97	191,670,107	65,881,442	39,494,444	105,375,886
1927	184,323,017	94	170,633,437	56,093,748	39,354,928	95,448,677
1928	169,149,905	82	159,689,378	46,966,601	45,451,424	92,418,026
1929	200,832,051	77	182,778,966	52,405,452	54,555,006	106,960,458
1930	191,859,343	67	181,601,420	58,141,741	47,645,797	105,787,538
1931	166,014,346	60	149,303,439	49,136,201	37,172,741	86,308,941
1932	[2] 146,950,913	49	132,578,235	34,298,236	44,031,282	78,329,517
1933	[2] 115,609,754	42	103,753,241	26,524,231	35,070,116	61,600,347
1934	[2] 165,103,682	41	136,887,896	27,174,311	55,067,092	82,241,403

[1] Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.
[2] Includes alcohol produced in Puerto Rico and for 1934, also Hawaii.

No. 788.—LEAF TOBACCO: AMOUNTS CONSUMED IN THE MANUFACTURE OF CIGARS, CIGARETTES, CHEWING AND SMOKING TOBACCO, AND SNUFF

NOTE.—**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 1898 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 table 790

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	1924	693,868	153,413	217,700	322,745
1901–1905	451,461	124,411	12,444	314,606	1925	718,425	149,001	244,315	325,109
1906–1910	524,193	139,206	22,079	362,908					
1911–1915	578,283	151,890	52,207	374,186	1926	737,354	152,372	267,584	317,399
1916–1920	650,460	155,312	130,320	364,828	1927	744,288	152,510	290,464	301,314
1921–1925	672,077	151,421	198,069	322,588	1928	754,625	151,290	310,159	293,176
1926–1930	762,540	149,240	312,533	300,767	1929	796,626	152,129	346,543	297,953
					1930	779,806	137,901	347,915	293,990
1919	648,384	151,504	166,783	330,097	1931	752,404	127,628	329,962	294,813
1920	639,982	168,597	146,907	324,478	1932	690,134	104,288	299,020	286,817
1921	612,251	143,228	158,336	310,687	1933	710,668	104,699	320,093	279,876
1922	646,816	151,709	160,807	325,510	1934 [1]	751,113	111,948	357,541	281,633
1923	689,036	159,753	200,395	328,889					

[1] Estimated by the Tobacco Division, Bureau of Foreign and Domestic Commerce, from manufactures on which United States tax was collected.

Source of tables 786 to 788: Reports of the Commissioner of Internal Revenue, Treasury Department.

No. 789.—PRODUCTION OF MANUFACTURED TOBACCO

NOTE.—Compiled from monthly returns of manufacturers. Data relate to products manufactured in continental United States, excluding those manufactured in bonded manufacturing warehouses, which amounted to 46,763,410 cigars in 1934. Large cigars are those weighing more than 3 pounds per thousand

Calendar year or yearly average	Tobacco and snuff (thousands of pounds)						Cigars (thousands)		Cigarettes (thousands)	
	Total	Plug	Twist	Fine cut	Smoking	Snuff	Large	Small	Large	Small
1901–1905	346,841	[1] 175,981	(1)	11,903	138,402	20,556	6,513,095	716,720	7,143	3,227,602
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	455,584	159,809	14,340	9,758	237,808	34,805	7,364,937	810,327	26,026	41,565,670
1921–1925	400,457	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
1925	413,873	111,391	9,750	7,151	247,740	37,841	6,463,193	447,089	17,429	82,247,100
1926	410,596	109,766	9,179	6,985	246,439	38,227	6,498,641	412,315	13,240	92,096,974
1927	396,324	103,918	7,988	6,283	237,934	40,197	6,519,005	439,419	11,432	99,809,032
1928	390,333	100,646	8,892	5,186	231,134	40,475	6,373,182	415,535	10,403	108,705,506
1929	381,200	96,744	8,188	5,556	229,585	41,127	6,518,533	419,889	9,952	122,392,381
1930	371,766	86,274	7,624	5,089	232,013	40,766	5,893,890	388,070	7,367	123,802,186
1931	371,237	70,653	6,377	4,170	244,182	39,854	5,347,921	338,907	5,160	117,062,504
1932	347,279	61,945	4,918	3,354	241,067	35,994	4,382,723	278,749	3,374	106,632,434
1933	342,118	61,361	5,042	3,120	236,491	36,098	4,300,045	209,515	[2] 2,846	114,874,217
1934 [2]	344,207				[3] 307,103	37,164	4,597,193	221,411	88,171	125,611,689

State	Number of factories Jan. 1, 1934, making—			Production in 1933 (calendar year)				
	Tobacco and snuff [4]	Cigars	Cigarettes	Tobacco and snuff (1,000 pounds)	Cigars (thousands)		Cigarettes (thousands)	
					Large	Small	Large	Small
Total	765	5,473	111	342,118	4,300,045	209,515	2,846	114,874,217
California	25	184	12	162	45,139	29	4	3,746,676
Connecticut	11	135	1	50	22,031			13
Florida	4	249	3	4	465,886			549
Illinois	95	613	4	29,758	31,883		14	32,412
Indiana	34	118		187	65,262			
Kentucky	40	33	3	34,175	211,011			9,378,125
Louisiana	1	23	1	75	42,336			487
Massachusetts	27	315	9	300	44,585		3	9,907
Michigan	27	151	4	8,228	195,807			7,953
Minnesota	23	108		52	15,275			
Missouri	12	116	2	34,282	23,492			24,673
New Hampshire	2	65		2	45,408			
New Jersey	17	158	4	7,194	443,346	153		4,895,659
New York	144	1,145	45	2,240	266,415	4,831	1,190	320,619
North Carolina	12	13	6	119,856	22,182	20,860	1,053	63,358,139
Ohio	71	349		49,293	213,616	1,852		
Pennsylvania	80	833	8	5,280	1,615,638	9,910	581	257,239
Tennessee	17	16		18,395	3,602			
Virginia	7	23	7	21,650	150,238	171,710	1	32,827,040
West Virginia	6	49	1	8,110	73,071	171		
All other	101	777	1	2,745	302,831			5,736

[1] Twist included with plug prior to 1906.
[2] Estimates based on sale of stamps by collectors' offices.
[3] Includes plug, twist, and fine cut.
[4] Includes only those producing a taxable product, excluding 235 "quasi" manufacturers.

Source: Annual Report of the Commissioner of Internal Revenue.

No. 790.—CONSUMPTION OF TOBACCO IN THE UNITED STATES

NOTE.—**All figures except per capita in thousands of pounds.** Data for tobacco used in manufacture in registered factories represent the equivalent in unstemmed leaf of all tobacco. See headnote, table 788.

Item	1928	1929	1930	1931	1932	1933	1934
Leaf tobacco consumed in manufacture:							
In registered factories	754,625	796,626	770,806	752,404	690,134	710,668	[1] 751,113
In bond	28,132	13,267	4,175	425	635	1,283	943
Manufactured tobacco imported:							
From Puerto Rico	2,165	2,043	2,261	2,307	1,081	905	903
Other countries [2]	3,263	2,682	2,408	2,458	2,393	2,010	3,353
Exports of manufactured tobacco [3]	42,702	33,293	22,251	16,149	13,501	13,606	16,526
Remaining for consumption	745,483	781,325	766,399	741,445	680,741	701,260	739,787
Per capita consumption—pounds	6.22	6.43	6.22	5.98	5.45	5.58	5.85

[1] See note 1, table 788. [2] Imports for consumption for 1934; for prior years data are general imports.
[3] Includes shipments to Alaska, Hawaii, and Puerto Rico.

Sources: Leaf tobacco used in registered factories from reports of the Commissioner of Internal Revenue; leaf tobacco used in bonded factories from reports of the Division of Customs, Treasury Department.

No. 791.—PATENTS AND CERTIFICATES OF REGISTRATION ISSUED SINCE INITIATION OF THE PATENT SYSTEM

NOTE.—The number of patents granted prior to July 28, 1836, was 9,957

Calendar year or period	Patent applications [1]	Caveats filed [2]	Patents issued				Certificates of registration issued		
			Total	Patents	Designs	Reissues	Total	Trade-marks	Labels and prints
1836–1850 [3]	14,062	4,763	8,387	7,804	340	183			
1851–1860	44,302	9,571	25,087	23,140	1,025	922			
1861–1870	128,763	22,228	85,910	79,612	3,181	3,117	121	121	
1871–1880	206,436	20,350	138,355	125,520	7,535	5,300	10,395	8,017	2,378
1881–1890	352,475	25,012	217,821	207,850	8,357	1,614	14,660	10,636	4,024
1891–1900	410,049	21,199	234,956	220,840	13,374	742	18,794	16,903	[4] 1,891
1901–1905	253,417	9,168	148,291	143,791	3,953	547	18,590	12,768	5,822
1906–1910	307,187	8,880	175,618	171,660	3,297	761	36,375	32,060	4,315
1911–1915	360,037		194,387	186,241	7,295	851	32,381	27,369	5,012
1916–1920	368,236		207,108	197,644	8,486	978	35,364	30,681	4,683
1921–1925	426,597		217,525	203,977	12,326	1,222	81,566	71,159	10,407
1926–1930	459,163		234,857	219,384	13,796	1,677	96,729	83,536	13,193
1901	46,440	1,842	27,373	25,558	1,734	81	2,965	1,928	1,037
1902	49,641	1,851	27,886	27,136	640	110	2,931	2,006	925
1903	50,213	1,771	31,699	31,046	536	117	3,446	2,186	1,260
1904	52,143	1,808	30,934	30,267	557	110	3,569	2,158	1,411
1905	54,971	1,896	30,399	29,784	486	129	5,679	4,490	1,189
1906	56,482	1,885	31,965	31,181	625	159	11,933	10,568	1,365
1907	58,762	1,967	36,620	35,880	589	151	8,860	7,878	982
1908	61,475	2,110	33,682	32,757	757	168	6,029	5,191	838
1909	65,339	1,948	37,421	36,574	687	160	4,824	4,184	640
1910	64,629	970	35,930	35,168	639	123	4,729	4,239	490
1911	69,121		34,084	32,917	1,010	157	5,112	4,205	907
1912	70,976		37,731	36,231	1,342	158	5,896	5,020	876
1913	70,367		35,788	33,941	1,683	164	6,063	5,065	998
1914	70,404		41,850	39,945	1,715	190	7,874	6,817	1,057
1915	70,069		44,934	43,207	1,545	182	7,436	6,262	1,174
1916	71,033		45,927	43,970	1,759	198	8,087	6,791	1,296
1917	70,373		42,760	41,069	1,512	179	6,197	5,339	858
1918	59,615		39,941	38,569	1,207	165	4,912	4,061	851
1919	80,400		38,598	36,872	1,523	203	4,874	4,208	666
1920	86,815		39,882	37,164	2,485	233	11,294	10,282	1,012
1921	93,328		41,401	37,885	3,277	239	13,605	11,654	1,951
1922	88,930		40,297	38,414	1,627	256	14,992	12,793	2,199
1923	70,058		40,787	38,634	1,927	226	16,725	14,845	1,880
1924	80,756		45,500	42,594	2,671	235	17,562	15,749	1,813
1925	84,525		49,540	46,450	2,824	266	[5] 18,682	[5] 16,118	2,564
1926	86,028		47,027	44,750	2,502	275	[5] 21,819	[5] 19,246	2,573
1927	92,018		44,444	41,731	2,387	326	[5] 20,548	[5] 17,649	2,899
1928	92,598		45,899	42,376	3,188	335	[5] 19,084	[5] 16,191	2,893
1929	94,489		48,565	45,284	2,907	374	[5] 18,087	[5] 15,534	2,553
1930	94,030		48,322	45,243	2,712	367	[5] 17,191	[5] 14,916	2,275
1931	84,171		[6] 55,103	[6] 51,771	2,937	395	[5] 15,328	[5] 13,050	2,278
1932	71,517		[6] 56,856	[6] 53,519	2,944	393	[5] 13,196	[5] 11,300	1,896
1933	60,204		[6] 51,563	[6] 48,819	2,411	333	[5] 12,758	[5] 10,805	1,953
1934	61,281		[6] 47,763	[6] 44,461	2,921	371	[5] 16,063	[5] 13,782	2,281

[1] Figures include patents for inventions, designs, and reissues of patents.
[2] Caveat law repealed June 25, 1910.
[3] July 28, 1836, to Dec. 31, 1850.
[4] Registration of labels suspended from May 27, 1891, to June 9, 1896.
[5] Figures include 2,278 renewals in 1925, 4,282 in 1926, 3,063 in 1927, 2,049 in 1928, 1,008 in 1929, 1,665 in 1930, 1,643 in 1931, 1,687 in 1932, 1,665 in 1933, and 2,407 in 1934.
[6] Figures include 5 plant patents in 1931, 46 in 1932, 33 in 1933, and 32 in 1934 issued since the law passed May 23, 1930.

Source: Reports of the Commissioner of Patents.

33.—DISTRIBUTION—WHOLESALE AND RETAIL

No. 792.—WHOLESALE TRADE: SUMMARY FOR THE UNITED STATES

[All money figures in thousands of dollars. Blank spaces indicate that data are not available]

	1929	1933
Number of establishments	169, 654	164, 170
Net sales	68, 950, 108	32, 151, 373
Total expenses	6, 135, 625	3, 710, 233
Number of proprietors	90, 772	94, 487
Number of employees (average)	[1] 1, 605, 042	1, 222, 920
Male	1, 310, 969	[2] 1, 003, 097
Female	294, 073	[2] 219, 823
Full-time		1, 096, 977
Part-time		125, 943
Pay roll, total	3, 010, 130	1, 714, 109
Full-time		1, 654, 238
Part-time		59, 871
Stocks at end of year	5, 246, 740	3, 013, 179
Establishments reporting credit sales:		
Number		111, 481
Net sales		22, 187, 206
Credit sales	[3] 39, 012, 802	18, 274, 003
Percent of sales		82. 4
Total expenses		2, 967, 584
Percent of sales		13. 4
Establishments reporting distribution of sales:		
Number		134, 335
Net sales		26, 283, 004
To retailers for resale		13, 724, 812
To home consumers		585, 945
To industrial users		7, 565, 887
Establishments reporting distribution of sales—Con.		
Net sales—Continued.		
To wholesale organizations		4, 406, 360
WHOLESALE MERCHANTS, BY SIZE OF ESTABLISHMENTS [4]		
Total:		
Number of establishments	76, 590	79, 032
Net sales	27, 231, 823	12, 079, 301
Establishments with net sales—		
Under $50,000:		
Number	23, 568	43, 447
Net sales	496, 774	756, 597
$50,000 to $99,999:		
Number	12, 586	12, 498
Net sales	910, 592	881, 309
$100,000 to $199,999:		
Number	13, 513	10, 008
Net sales	1, 933, 223	1, 398, 186
$200,000 to $499,999:		
Number	15, 049	8, 336
Net sales	4, 753, 321	2, 585, 661
$500,000 to $999,999:		
Number	6, 737	2, 916
Net sales	4, 677, 083	1, 997, 703
$1,000,000 and over:		
Number	5, 147	1, 827
Net sales	14, 460, 830	4, 459, 845

[1] Total number reported.
[2] Estimated average number.
[3] Total credit sales 1929.
[4] Includes wholesale merchants and importers.

No. 793.—RETAIL TRADE: SUMMARY FOR THE UNITED STATES

[All money figures, except average earnings per full-time employee, in thousands of dollars]

	1929	1933
Number of stores	1, 543, 158	1, 526, 119
Net sales	49, 114, 653	25, 037, 225
Total expenses	10, 372, 403	6, 501, 060
Number of proprietors	1, 510, 607	1, 574, 341
Number of employees (average)	4, 510, 140	3, 433, 652
Male	3, 066, 595	2, 360, 474
Female	1, 443, 245	1, 073, 178
Full-time	3, 833, 581	2, 703, 325
Part-time	676, 559	730, 327
Pay roll, total	5, 189, 670	2, 910, 445
Full-time	5, 028, 282	2, 664, 447
Part-time	161, 388	245, 998
Average annual earnings per full-time employee	$1, 312	$986
Stocks at end of year	7, 262, 583	3, 903, 969
Stores reporting credit sales:		
Number of stores	654, 196	766, 561
Net sales	28, 121, 171	15, 410, 601
Credit sales	(1)	6, 943, 584
Percent of total sales of credit stores	(1)	45
STORES AND SALES, BY SIZE OF BUSINESS		
Total number of stores	1, 543, 158	1, 526, 119
Total net sales	49, 114, 653	25, 037, 225
Stores with net sales—		
Under $10,000:		
Number	673, 686	982, 193
Net sales	2, 793, 016	3, 466, 797
STORES AND SALES, BY SIZE OF BUSINESS—continued		
Stores with net sales—Contd.		
$10,000 to $19,999:		
Number	312, 835	260, 590
Net sales	4, 440, 873	3, 655, 055
$20,000 to $29,999:		
Number	173, 458	108, 619
Net sales	4, 200, 105	2, 604, 287
$30,000 to $49,999:		
Number	176, 787	89, 175
Net sales	6, 748, 325	3, 341, 418
$50,000 to $99,999:		
Number	128, 869	55, 625
Net sales	8, 745, 541	3, 743, 971
$100,000 to $199,999:		
Number	49, 497	20, 209
Net sales	6, 730, 586	2, 680, 627
$200,000 to $299,999:		
Number	12, 966	4, 535
Net sales	3, 121, 806	1, 082, 853
$300,000 to $499,999:		
Number	8, 467	2, 988
Net sales	3, 192, 534	1, 114, 500
$500,000 to $999,999:		
Number	4, 524	1, 409
Net sales	3, 080, 040	934, 186
$1,000,000 and over:		
Number	2, 059	765
Net sales	6, 061, 841	2, 426, 450

[1] Data for 1929 not available.

Source of tables 792 and 793: Bureau of the Census, Department of Commerce.

No. 794.—WHOLESALE TRADE: By Type of Establishment, 1929 and 1933

[All money figures in thousands of dollars]

Type of establishment	Number of establishments		Net sales		Full-time employees (average), 1933	Pay roll, 1933		Total expenses, 1933	Stocks on hand (end of year), 1933
	1929 [1]	1933	1929 [1]	1933		Total	Part-time		
Total	**169,654**	**164,170**	**68,950,108**	**32,151,373**	**1,096,977**	**1,714,109**	**59,871**	**3,710,233**	**3,013,179**
Wholesalers proper [2]	79,784	82,865	29,288,220	12,997,276	637,052	926,937	30,818	1,948,513	1,982,758
Wholesale merchants	74,476	76,856	25,370,795	11,302,947	600,847	861,501	29,104	1,791,392	1,737,102
Exporters	754	453	1,507,824	558,147	4,239	9,007	622	34,131	105,950
Importers	2,262	2,176	1,808,524	776,354	18,847	36,234	466	81,461	123,950
Limited function wholesalers	2,292	3,380	601,077	359,828	13,119	20,195	636	41,529	15,756
Manufacturers' sales branches [3]	17,086	16,873	16,335,917	7,557,363	232,829	426,284	6,540	942,251	550,345
With stocks	(4)	12,444	(4)	5,144,688	193,177	337,119	5,185	764,670	549,912
Without stocks	(4)	4,429	(4)	2,412,675	39,652	89,165	1,355	177,581	433
Bulk tank stations [5]	19,611	26,190	2,390,213	1,888,675	95,962	153,060	2,141	372,990	138,574
Chain store warehouses	559	462	1,929,681	1,431,563	18,450	28,383	518	64,767	66,204
Assemblers and country buyers	34,226	23,962	4,749,382	1,774,121	61,906	77,616	15,794	173,825	223,141
Assemblers of farm products	21,884	11,283	2,304,230	718,588	28,106	35,021	10,187	77,757	124,906
Cooperative marketing associations [2]	4,208	2,732	1,458,366	686,072	20,911	28,555	4,631	65,726	49,076
Cream stations	(4)	2,860	(4)	31,459	2,736	2,259	152	4,893	747
Elevators [6]	8,134	7,087	986,786	338,002	10,153	11,781	824	25,449	48,412
Agents and brokers	18,388	13,818	14,256,695	6,502,375	50,778	101,829	4,060	207,887	52,157
Brokers	3,089	3,414	4,037,944	2,088,370	8,242	16,543	557	34,536	6,584
Commission merchants	3,479	3,128	4,994,934	2,224,864	17,744	35,922	1,444	72,011	22,388
Export agents	260	240	398,559	135,126	1,641	2,372	60	5,736	1,406
Import agents	85	179	57,158	50,541	423	826	23	3,230	1,558
Manufacturers' agents	6,987	4,972	1,775,355	573,964	10,302	18,631	813	38,901	9,994
Selling agents	3,260	1,235	2,622,663	988,401	8,446	20,883	411	41,357	9,371
Other agents	628	650	670,082	441,109	3,920	6,652	752	12,116	856

[1] Revised figures. The data previously issued include a number of concerns dealing in grain and petroleum and its products that were erroneously reported and classified in the wholesale census.
[2] The 1929 data have been corrected for certain changes in classification.
[3] For comparison purposes, wholesaling manufacturers and district and general sales offices, except those dealing in petroleum and its products, have been included in manufacturers' sales branches, 1929.
[4] 1929 equivalent not available.
[5] Figures for 1929 include district and general sales offices dealing in petroleum and its products.
[6] Figures for 1933 include 1,438 cooperative elevators with net sales amounting to $88,193,000.

Source: Bureau of the Census, Department of Commerce.

No. 795.—WHOLESALE TRADE: By Kind of Business, 1929 and 1933

[All money figures in thousands of dollars]

Kind of business	Number of establishments		Net sales		Full-time employees (average), 1933	Pay roll, 1933	
	1929 [1]	1933	1929 [1]	1933		Total	Part time
Total	**169,654**	**164,170**	**68,950,108**	**32,151,373**	**1,096,977**	**1,714,109**	**59,871**
Amusement and sporting goods	**1,446**	**1,552**	**435,400**	**271,888**	**14,443**	**24,391**	**564**
Cameras and motion picture equipment and supplies	158	87	80,844	32,362	997	1,747	19
Moving-picture films	558	440	243,417	159,923	7,065	14,505	263
Sporting goods (general line)	281	201	74,128	23,928	2,140	2,805	38
Toys, novelties, and fireworks	272	506	49,214	32,652	2,218	3,018	102
All other	177	312	37,797	23,023	1,423	2,316	142
Automotive products	**4,600**	**6,304**	**2,255,525**	**874,269**	**54,106**	**82,094**	**1,032**
Automobiles and other motor vehicles	743	657	1,226,347	249,975	12,966	19,842	211
Automotive equipment (including accessories and parts)	3,202	4,730	642,574	323,360	31,035	43,815	653
Tires and tubes	655	917	386,604	300,934	9,205	18,437	168
Chemicals	**2,233**	**2,473**	**1,193,603**	**652,597**	**22,613**	**44,216**	**522**
Dyestuffs	79	100	48,700	45,387	1,424	3,879	11
Explosives	118	101	107,252	25,024	866	2,187	46
Industrial chemicals	549	382	493,049	271,857	5,029	11,718	79
Naval stores	65	54	93,523	39,865	430	793	25
Paints and varnishes	1,027	1,221	304,999	166,177	11,278	18,325	285
All other	395	615	146,080	104,287	3,586	7,314	76

[1] Revised figures. See note 1, table 794.

No. 795.—WHOLESALE TRADE: BY KIND OF BUSINESS, 1929 AND 1933—Continued

[All money figures in thousands of dollars]

Kind of business	Number of establishments		Net sales		Full-time employees (average), 1933	Pay roll, 1933	
	1929 [1]	1933	1929 [1]	1933		Total	Part-time
Clothing and furnishings	5,519	4,378	2,180,859	996,304	30,298	52,306	1,349
Clothing and furnishings (general line)	425	282	133,730	55,827	1,333	1,995	102
Clothing, men's and boys'	569	478	214,264	77,029	2,443	4,294	105
Clothing, women's and children's	989	978	312,790	263,805	7,052	12,724	463
Furnishings (general line)	313	275	115,334	53,099	1,800	2,970	40
Furnishings, men's and boys'	697	691	207,979	106,853	4,316	7,525	241
Furnishings, women's and children's	317	338	104,961	34,135	1,511	2,473	95
Hosiery	420	361	300,635	131,502	2,063	4,480	72
Millinery and millinery supplies	489	475	116,023	46,840	2,496	3,401	98
Shoes and other footwear	756	498	560,673	227,323	7,278	12,435	127
All other	544	(2)	114,470	(2)	(2)	(2)	(2)
Coal	1,343	1,382	1,160,290	631,958	12,316	24,135	1,138
Drugs and drug sundries	1,713	1,562	944,419	523,392	25,158	39,418	455
Drugs (general line)	638	406	575,100	344,482	15,196	21,514	255
Drugs (specialty lines)	308	358	73,332	79,875	4,714	8,806	45
Toilet articles and preparations	303	380	96,334	47,933	2,965	5,637	99
All other	464	418	99,653	51,102	2,283	3,961	56
Dry goods	5,180	4,796	3,802,868	2,242,392	47,394	87,529	988
Dry goods (general line)	1,071	631	889,503	444,758	16,014	23,802	236
Knit goods	257	429	72,707	106,095	3,353	5,725	107
Notions	996	874	166,266	120,922	6,730	9,725	132
Piece goods	2,696	2,284	2,624,281	1,515,383	19,678	44,850	451
All other	160	577	50,106	55,234	1,619	3,427	62
Electrical goods	3,870	3,232	2,435,149	705,411	37,341	61,848	806
Electrical appliances, equipment and supplies	2,892	2,511	1,839,236	557,991	29,268	48,393	647
Radios and radio equipment	806	533	491,621	83,224	3,658	6,090	101
Refrigerators	172	188	104,292	64,196	4,415	7,365	58
Farm products—raw materials	29,612	16,799	11,716,453	3,876,211	45,501	71,344	6,664
Cotton	5,234	2,115	3,061,610	895,183	8,079	10,482	391
Grain	12,198	9,201	3,791,665	1,197,151	18,787	27,225	1,670
Hides, skins, and furs (raw)	1,508	1,238	524,087	166,525	2,962	5,351	372
Livestock, including horses and mules	7,540	2,811	3,269,203	1,019,794	6,524	11,046	821
Silk (raw)	33	22	170,940	72,999	249	953	1
Tobacco (leaf)	1,003	820	469,142	277,855	8,343	11,227	3,215
Wool and mohair	403	254	334,061	187,279	1,895	4,185	102
All other	1,693	328	155,649	59,425	670	875	112
Farm products—consumer goods	20,896	23,664	5,808,111	3,178,427	134,056	183,243	16,997
Dairy products (general line)	736	1,733	474,880	299,360	28,260	38,004	880
Butter	367	354	330,330	36,795	1,263	1,556	90
Cheese		366		90,068	1,968	3,425	77
Milk and cream	797	3,740	242,994	115,357	9,172	11,127	284
All other dairy products	281	566	66,977	78,217	7,250	10,630	260
Poultry and poultry products	3,830	3,662	760,795	316,437	11,645	13,839	1,374
Dairy and poultry products	3,691	3,810	670,160	456,796	16,522	22,532	1,077
Fruits and vegetables (fresh)	11,194	9,083	3,252,975	1,733,284	55,418	79,032	12,085
All other	(2)	350	(2)	51,207	2,558	2,098	274
Farm supplies	1,973	2,467	898,273	363,771	17,060	21,859	1,014
Feed	1,284	1,533	571,068	169,508	7,021	8,821	439
Fertilizer	279	363	187,470	103,311	3,255	4,430	131
Seeds	316	452	116,062	67,028	5,840	7,199	341
All other	94	119	23,673	23,924	944	1,409	53
Furniture and house furnishings	2,977	2,784	994,052	354,626	18,660	29,464	954
China, glassware and crockery	411	320	86,777	35,875	1,797	2,978	50
Floor coverings	463	395	323,075	126,228	3,339	6,801	105
Furniture	1,146	730	344,630	82,630	5,133	7,856	298
House furnishings (except as specified)	779	1,223	181,328	94,850	6,220	8,679	475
Musical instruments and sheet music	178	116	58,242	15,043	2,171	3,350	26
General merchandise	370	193	596,066	243,319	6,284	8,654	177
Groceries and foods (except farm products)	22,006	23,847	13,239,533	7,574,961	221,609	327,205	8,113
Groceries (general line)	6,900	4,025	5,203,417	2,576,506	68,344	97,109	1,886
Confectionery and soft drinks	2,959	3,836	356,242	282,257	17,336	22,558	393
Fish and sea foods	1,448	1,880	243,682	186,585	10,144	13,841	1,229
Meats and meat products	3,605	3,225	3,102,286	1,112,114	32,007	56,957	1,050
Other food and grocery specialties	7,094	10,881	4,333,906	3,437,499	86,778	136,740	3,105
Hardware	1,739	1,495	866,158	394,130	30,110	42,117	557
Hardware (general line)	1,227	744	754,594	309,994	25,346	34,662	441
Hardware (specialty lines)	502	751	111,564	84,136	4,764	7,455	116
Jewelry and optical goods	2,365	2,073	494,531	148,752	11,145	17,010	317
Jewelry (general line)	1,098	730	192,764	54,909	3,261	5,073	169
Clocks and watches	140	163	66,664	18,824	845	1,606	12
Diamonds and other precious stones	497	243	124,798	15,311	440	726	25
Other jewelry specialties	190	422	65,863	27,604	1,766	2,751	75
Optical goods	440	515	44,492	32,104	4,833	6,824	36

[1] Revised figures. See note 1 table 794.

[2] Comparable data not available.

No. 795.—Wholesale Trade: By Kind of Business, 1929 and 1933—Continued

[All money figures in thousands of dollars]

Kind of business	Number of establishments		Net sales		Full-time employees (average), 1933	Pay roll, 1933	
	1929 [1]	1933	1929 [1]	1933		Total	Part-time
Lumber and building materials (other than metal)	*5, 513*	*3, 721*	*2, 144, 052*	*522, 075*	28, 738	47, 366	3, 596
Lumber and millwork	2, 291	1, 508	1, 134, 206	215, 356	10, 192	15, 408	1, 149
Asbestos products	124	101	75, 610	26, 535	1, 149	2, 559	93
Brick and tile	428	236	98, 855	25, 174	1, 090	2, 380	135
Cement	158	198	142, 726	39, 766	1, 501	3, 613	159
Glass	254	306	89, 449	76, 998	3, 783	6, 509	788
All other	2, 258	1, 282	603, 206	138, 247	10, 963	16, 897	1, 272
Machinery, equipment, and supplies (except electrical)	*11, 855*	*11, 449*	*3, 058, 130*	*1, 264, 855*	84, 159	139, 886	4, 199
Commercial machinery, equipment, etc.	1, 804	2, 008	250, 929	126, 013	15, 276	22, 410	886
Office equipment and supplies (except furniture)	689	942	72, 521	73, 873	10, 500	15, 283	135
All other	1, 215	1, 066	178, 408	52, 140	4, 776	7, 127	251
Construction machinery, equipment, etc.	*498*	*592*	*132, 690*	*53, 275*	*3, 633*	*6, 052*	*150*
Farm and dairy machinery and equipment	560	800	335, 338	117, 178	10, 798	15, 015	417
Industrial machinery, equipment, etc.	6, 142	5, 021	1, 648, 880	671, 384	33, 719	59, 739	2, 363
Machine tools	*297*	*149*	*102, 160*	*25, 511*	*747*	*1, 307*	*88*
Mill and mine supplies (general line)	1, 418	1, 346	410, 973	184, 398	11, 472	18, 197	864
All other	4, 427	3, 526	1, 135, 747	461, 475	21, 500	40, 145	1, 411
Professional equipment and supplies	1, 000	1, 078	207, 816	119, 206	10, 214	15, 230	507
Service equipment and supplies	1, 439	1, 445	201, 098	101, 728	9, 077	14, 487	222
Barber and beauty parlor equipment and supplies	582	629	50, 443	27, 020	3, 210	4, 157	66
Other service equipment and supplies	857	816	150, 655	74, 708	5, 867	10, 330	156
Transportation equipment and supplies	412	*505*	230, 879	76, 011	1, 442	6, 053	154
Railroad equipment and supplies	*257*	*240*	*201, 942*	*42, 437*	*892*	*3, 519*	*95*
All other	155	265	28, 937	33, 580	550	2, 534	59
Metals (except scrap)	2, 277	1, 985	4, 439, 810	1, 231, 814	19, 682	40, 056	1, 325
Iron and steel	1, 642	1, 315	2, 839, 964	919, 899	14, 225	27, 603	1, 507
Sheet metal products	253	175	202, 459	34, 734	1, 550	2, 646	224
Other metal and metal works	381	495	1, 397, 387	277, 181	3, 807	9, 806	94
Paper and its products	3, 103	2, 851	1, 132, 583	600, 526	29, 322	50, 151	779
Paper and its products (general line)	1, 568	769	679, 014	309, 356	14, 283	24, 976	329
Paper and its products (specialty lines)	584	1, 277	307, 813	238, 637	9, 666	17, 921	242
Stationery and stationery supplies	719	479	113, 568	37, 677	3, 732	4, 998	101
Wall paper	232	326	32, 188	14, 856	1, 641	2, 256	107
Petroleum and its products	23, 007	28, 455	3, 233, 663	2, 292, 960	103, 979	173, 813	2, 330
Plumbing and heating equipment and supplies	2, 786	2, 249	819, 667	285, 187	18, 617	29, 756	843
Heating equipment (general line)	397	227	73, 808	17, 034	1, 184	2, 050	55
Pipe, valves, and fittings	217	*120*	*86, 359*	*18, 530*	*1, 089*	*1, 857*	*57*
Plumbing and heating equipment (general line)	1, 607	1, 011	540, 323	140, 487	11, 139	16, 494	481
All other	565	891	119, 177	89, 116	5, 205	9, 355	250
Tobacco and its products (except leaf)	2, 018	1, 988	1, 691, 173	1, 263, 418	*15, 533*	*25, 201*	270
Waste materials	4, 000	3, 417	552, 280	282, 602	12, 883	13, 131	1, 255
Iron and steel scrap	644	760	258, 794	65, 801	3, 324	4, 150	394
Junk and scrap (general line)	3, 083	1, 929	234, 082	175, 340	5, 287	5, 157	644
Waste paper, rags, and rubber	273	728	59, 404	41, 461	4, 072	3, 824	217
All other products	7, 205	9, 057	2, 907, 410	1, 395, 498	51, 170	78, 917	2, 807
Bags and bagging	162	213	66, 680	37, 057	2, 329	2, 118	86
Beer	(2)	2, 384	(2)	132, 104	5, 407	7, 945	412
Books and periodicals	408	191	109, 429	37, 123	3, 631	6, 493	157
Cordage and twine	105	78	54, 281	28, 558	612	1, 250	8
Flowers and nursery stock	633	725	71, 331	29, 516	2, 641	3, 215	142
Forest products (except lumber)	1, 020	606	205, 420	102, 437	2, 837	5, 141	376
Leather	559	430	288, 752	113, 331	2, 068	4, 016	40
Leather goods	993	792	168, 479	49, 930	3, 022	4, 468	156
Newspapers and magazines	228	718	33, 612	125, 252	10, 744	18, 660	387
Oils and greases (animal and vegetable)	171	165	316, 791	121, 730	2, 495	3, 279	26
Rubber, crude	49	30	240, 611	33, 244	232	*565*	------
Rubber goods (general line)	92	92	121, 220	38, 048	2, 194	937	13
Wines and spiritous liquors	77	767	20, 913	87, 369	2, 247	3, 797	90
Yarn	285	175	395, 379	160, 777	977	2, 279	86
Miscellaneous kinds of business	2, 423	1, 685	754, 512	298, 422	9, 734	14, 764	849

[1] Revised figures. See note 1, table 794.
[2] Comparable data not available.

Source: Bureau of the Census, Department of Commerce.

No. 796.—WHOLESALE TRADE: SUMMARY BY STATES, 1929 AND 1933

[All money figures in thousands of dollars]

Division and State	Number of establishments		Net sales		Number of employees (average), 1933		Salaries and wages, 1933		Stocks on hand (end of year), 1933
	1929	1933	1929	1933	Full time	Part time	Full time	Part time	
United States	169,654	164,170	68,950,108	32,151,373	1,026,977	125,943	1,654,238	59,871	3,013,179
New England	9,793	8,633	4,195,261	2,144,258	73,698	5,340	117,175	3,120	206,248
Connecticut	1,369	1,412	520,551	336,329	13,721	1,062	20,779	645	49,573
Maine	987	864	189,975	109,495	5,460	636	7,532	293	13,699
Massachusetts	6,066	5,144	3,065,856	1,469,407	45,174	3,030	75,540	1,897	118,699
New Hampshire	326	334	61,414	38,074	2,073	171	2,820	75	3,814
Rhode Island	737	579	300,072	148,702	5,252	313	7,824	170	15,382
Vermont	308	300	57,393	41,751	2,019	134	2,680	70	5,081
Middle Atlantic	38,197	34,304	23,390,807	11,085,704	293,235	16,594	509,842	10,968	822,170
New Jersey	2,344	2,700	1,008,881	561,537	23,380	1,605	35,871	942	61,752
New York	25,311	21,899	17,604,634	8,333,836	194,591	9,283	361,256	6,860	590,737
Pennsylvania	10,542	9,705	4,777,292	2,190,331	75,264	5,706	112,915	3,166	169,681
East North Central	32,185	34,557	14,028,413	6,244,308	230,202	21,627	351,087	10,666	503,719
Illinois	11,587	11,924	6,861,067	2,816,346	89,344	7,601	145,943	4,231	195,134
Indiana	3,734	4,240	921,561	425,743	19,061	2,277	25,637	943	38,740
Michigan	5,272	5,803	2,172,409	896,582	35,203	3,578	51,588	1,421	75,833
Ohio	8,077	8,317	3,094,100	1,563,854	62,752	5,319	93,884	2,680	128,326
Wisconsin	3,515	4,273	979,276	541,783	23,842	2,852	34,035	1,385	65,686
West North Central	23,953	29,166	8,577,122	3,697,515	133,139	14,851	182,169	6,167	390,002
Iowa	4,954	5,252	1,057,006	464,433	19,376	2,809	24,214	1,179	39,911
Kansas	4,322	5,012	888,077	299,123	12,896	2,214	16,131	822	34,922
Minnesota	5,521	6,184	1,716,944	913,298	29,389	2,814	41,408	1,325	112,353
Missouri	6,674	6,107	3,361,721	1,444,356	49,522	3,921	71,907	1,729	144,389
Nebraska	2,890	3,419	1,054,064	408,476	13,558	2,030	17,606	720	32,058
North Dakota	2,619	2,436	262,430	93,090	4,346	510	5,633	188	14,707
South Dakota	1,973	1,756	236,280	73,839	4,052	553	5,120	207	11,662
South Atlantic	15,662	14,590	4,657,675	2,517,203	99,940	21,777	129,175	7,360	275,089
Delaware	286	259	118,086	59,182	1,783	245	3,147	97	7,235
District of Columbia	496	575	261,083	179,077	7,444	188	10,897	92	11,527
Florida	2,054	2,051	466,535	280,305	15,446	6,402	17,377	1,794	22,368
Georgia	3,183	2,275	1,016,496	429,242	15,244	1,546	20,589	470	57,442
Maryland	2,205	2,251	741,367	419,522	17,788	3,121	22,630	1,021	35,838
North Carolina	2,413	2,367	717,432	423,127	13,411	4,675	16,618	1,542	54,568
South Carolina	1,539	1,242	333,528	172,062	4,936	656	6,103	200	12,701
Virginia	2,344	2,382	656,309	359,784	16,232	5,226	20,413	1,824	53,902
West Virginia	1,132	1,188	346,839	194,902	7,656	719	11,302	320	19,338
East South Central	7,739	6,825	2,550,847	1,015,974	43,680	7,186	52,980	2,627	159,906
Alabama	1,743	1,603	574,145	209,397	9,525	1,059	12,144	306	31,945
Kentucky	2,027	2,007	522,495	272,895	13,017	3,047	15,246	1,318	54,113
Mississippi	1,713	1,248	385,226	143,240	5,023	1,045	5,955	291	13,442
Tennessee	2,256	1,967	1,068,981	390,442	16,065	2,035	19,635	652	51,406
West South Central	17,566	15,098	4,787,187	1,987,060	76,316	9,542	99,972	3,653	288,267
Arkansas	2,052	1,294	373,074	121,504	6,118	825	7,506	281	15,896
Louisiana	1,729	2,097	836,197	455,321	17,962	1,486	22,870	515	78,257
Oklahoma	4,179	4,180	773,398	312,835	12,908	1,883	17,256	742	34,012
Texas	9,606	7,525	2,804,518	1,097,400	39,328	5,348	52,340	2,115	160,102
Mountain	5,788	5,900	1,176,215	562,890	25,774	4,097	35,444	1,935	65,374
Arizona	358	476	97,554	49,795	2,260	727	3,319	381	4,983
Colorado	2,075	1,823	539,626	239,035	10,976	1,135	14,849	531	23,358
Idaho	674	768	98,462	50,689	2,078	990	2,814	443	6,124
Montana	1,249	1,242	158,545	79,441	3,312	473	4,653	247	12,409
Nevada	96	141	13,719	9,963	436	73	720	36	1,100
New Mexico	317	448	53,547	27,892	1,293	164	1,876	61	4,151
Utah	736	653	180,101	86,758	4,572	432	5,999	185	10,475
Wyoming	283	349	34,661	19,117	847	103	1,214	51	2,684
Pacific	13,781	15,099	5,586,581	2,396,961	121,042	24,923	176,394	13,385	311,424
California	9,751	11,052	4,159,323	2,255,256	92,049	20,244	134,835	11,005	236,371
Oregon	1,439	1,333	466,831	202,146	9,705	1,200	13,868	643	28,402
Washington	2,591	2,714	960,427	439,259	19,288	3,479	27,691	1,737	43,651

Source: Bureau of the Census, Department of Commerce.

No. 797.—WHOLESALE TRADE OF INDIVIDUAL CITIES OF 100,000 OR MORE INHABITANTS: 1933

[Net sales in thousands of dollars]

City	Number of establishments	Number of full-time employees (average)	Net sales	City	Number of establishments	Number of full-time employees (average)	Net sales
Total for principal cities	73,879	739,840	24,200,854	Nashville, Tenn	300	3,038	76,714
Akron, Ohio	272	4,189	125,635	Newark, N. J	759	8,563	211,197
Albany, N. Y	303	2,864	85,675	New Bedford, Mass	126	670	15,484
Atlanta, Ga	642	7,543	216,235	New Haven, Conn	298	2,950	67,892
Baltimore, Md	1,610	15,149	365,392	New Orleans, La	871	11,259	323,452
Birmingham, Ala	417	3,908	81,965				
				New York City (Greater New York)	16,836	154,714	7,376,091
Boston, Mass	2,866	26,459	1,004,899	Bronx Borough	567	4,487	150,087
Bridgeport, Conn	212	2,368	59,852	Brooklyn Borough	1,418	10,860	284,763
Buffalo, N. Y	913	10,331	262,650	Manhattan Borough	14,520	134,085	6,811,486
Cambridge, Mass	62	1,631	30,675	Queens Borough	266	4,935	124,312
Camden, N. J	119	895	14,841	Richmond Borough	65	330	5,443
Canton, Ohio	128	1,005	20,906	Norfolk, Va	324	2,711	82,933
Chattanooga, Tenn	156	1,301	29,643	Oakland, Calif	469	3,924	74,947
Chicago, Ill	6,108	70,294	2,315,720	Oklahoma City, Okla	397	3,569	89,195
Cincinnati, Ohio	1,258	12,784	341,343	Omaha, Nebr	647	7,338	275,598
Cleveland, Ohio	2,015	18,362	526,606	Paterson, N. J	189	1,174	34,224
Columbus, Ohio	411	4,922	111,108	Peoria, Ill	251	1,860	53,795
Dallas, Tex	711	7,566	319,172	Philadelphia, Pa	3,418	33,980	1,047,178
Dayton, Ohio	263	2,435	49,390	Pittsburgh, Pa	1,370	14,732	569,721
Denver, Colo	695	7,710	182,285	Portland, Oreg	715	6,842	149,044
Des Moines, Iowa	206	3,457	75,179	Providence, R. I	412	4,125	115,062
Detroit, Mich	2,175	20,890	613,854	Reading, Pa	177	1,283	32,950
Duluth, Minn	169	2,540	62,782	Richmond, Va	401	4,737	103,989
Elizabeth, N. J	91	400	15,835	Rochester, N. Y	502	4,330	120,324
El Paso, Tex	187	1,424	30,381	St. Louis, Mo	1,890	26,737	721,735
Erie, Pa	146	832	13,824	St. Paul, Minn	439	6,143	106,878
Evansville, Ind	142	1,166	30,288	Salt Lake City, Utah	365	3,535	60,629
Fall River, Mass	142	865	23,590	San Antonio, Tex	366	3,302	58,063
Flint, Mich	133	1,001	22,209	San Diego, Calif	249	2,366	40,985
Fort Wayne, Ind	184	1,690	30,500	San Francisco, Calif	2,696	25,335	911,747
Fort Worth, Tex	250	2,432	81,878	Scranton, Pa	247	2,178	63,116
Gary, Ind	58	359	6,272	Seattle, Wash	1,070	9,602	226,155
Grand Rapids, Mich	306	2,164	54,066	Somerville, Mass	38	1,168	86,054
Hartford, Conn	283	3,179	49,391	South Bend, Ind	126	872	14,064
Houston, Tex	617	7,167	211,610	Spokane, Wash	240	2,185	44,978
Indianapolis, Ind	698	6,417	188,575	Springfield, Mass	296	2,956	72,565
Jacksonville, Fla	268	2,914	74,749	Syracuse, N. Y	285	2,777	72,931
Jersey City, N. J	157	2,023	61,935	Tacoma, Wash	177	1,603	30,953
Kansas City, Kans	69	1,225	28,475	Tampa, Fla	250	2,195	40,324
Kansas City, Mo	1,271	13,023	513,310	Toledo, Ohio	428	4,549	109,342
Knoxville, Tenn	143	1,301	27,045	Trenton, N. J	129	1,134	20,619
Long Beach, Calif	172	935	16,495	Tulsa, Okla	375	2,244	54,706
Los Angeles, Calif	3,531	28,745	660,419	Utica, N. Y	142	1,078	25,856
Louisville, Ky	482	6,261	127,251	Washington, D. C	575	7,444	179,077
Lowell, Mass	93	495	9,843	Wichita, Kans	299	2,282	63,809
Lynn, Mass	104	626	9,862	Wilmington, Del	157	1,541	52,643
Memphis, Tenn	408	6,843	178,895	Worcester, Mass	222	2,093	45,228
Miami, Fla	237	1,702	34,764	Yonkers, N. Y	82	761	15,539
Milwaukee, Wis	1,210	12,942	301,526	Youngstown, Ohio	198	1,858	36,904
Minneapolis, Minn	993	13,250	518,579				

Source: Bureau of the Census, Department of Commerce.

No. 798.—RETAIL TRADE: By States, 1929 and 1933

[All money figures in thousands of dollars]

Division and State	Number of stores		Net sales		Proprietors and firm members	Full-time employees (average)		Total pay roll (full time and part time)	
	1929	1933	1929	1933	1933	1929	1933	1929	1933
United States	1,543,158	1,526,119	49,114,653	25,037,225	1,574,341	3,833,581	2,703,325	5,189,670	2,910,445
New England	108,764	105,646	3,785,689	2,167,760	100,130	310,275	232,747	422,040	268,852
Connecticut	22,202	22,047	768,510	430,526	20,619	58,934	44,508	87,196	53,485
Maine	11,091	11,429	307,627	184,386	12,104	22,925	17,755	28,012	18,715
Massachusetts	54,183	52,430	2,054,976	1,195,161	47,538	177,214	133,338	241,100	156,224
New Hampshire	6,567	6,368	184,285	111,799	6,518	13,643	10,520	16,786	11,377
Rhode Island	9,542	8,438	318,295	167,283	8,127	27,231	19,080	36,183	21,242
Vermont	5,189	4,934	152,176	78,600	5,224	10,278	7,546	12,763	7,809
Middle Atlantic	385,302	358,489	12,717,899	6,633,819	355,348	957,284	690,558	1,397,727	811,903
New Jersey	60,010	64,190	1,843,545	1,016,928	63,410	126,751	95,939	193,503	119,927
New York	190,017	178,614	7,070,414	3,739,992	173,771	513,434	377,320	792,285	464,707
Pennsylvania	135,275	115,685	3,803,940	1,876,899	118,167	317,099	217,328	411,939	227,269
E. N. Central	317,667	327,771	11,262,958	5,314,073	338,485	877,112	587,782	1,247,487	633,401
Illinois	90,900	98,870	3,711,903	1,728,880	99,827	296,735	198,293	440,280	221,323
Indiana	41,618	41,256	1,222,384	569,972	44,006	100,577	63,605	125,966	63,315
Michigan	55,958	57,121	2,226,398	949,137	59,879	161,245	104,880	241,870	108,969
Ohio	83,717	85,961	2,864,831	1,442,182	88,196	229,870	159,406	318,274	172,264
Wisconsin	39,474	44,563	1,237,442	623,952	46,577	88,535	61,517	121,077	67,530
W. N. Central	170,644	180,307	5,269,554	2,641,958	193,758	401,112	283,928	497,830	281,235
Iowa	32,716	34,643	972,136	479,695	37,323	70,538	49,182	86,094	47,020
Kansas	25,605	26,779	744,586	329,178	29,082	54,605	34,724	66,012	32,813
Minnesota	30,725	33,879	1,051,930	585,102	35,916	81,729	62,195	103,817	64,783
Missouri	47,039	49,247	1,448,220	759,125	53,410	123,694	89,166	153,142	90,182
Nebraska	17,637	19,212	562,945	274,575	20,829	39,780	29,085	49,078	28,343
North Dakota	8,077	7,931	234,540	108,087	8,391	14,297	9,487	17,931	9,301
South Dakota	8,845	8,566	255,197	106,196	8,807	16,469	10,089	20,556	9,393
South Atlantic	109,068	168,200	4,201,755	2,477,028	174,586	355,178	277,813	419,553	263,958
Delaware	3,688	3,420	103,512	57,910	3,200	7,774	5,673	9,842	6,331
Dist. of Col	5,931	6,156	336,262	241,515	5,516	31,453	28,508	44,385	33,681
Florida	22,449	21,697	504,523	288,804	22,383	45,618	33,484	52,749	30,815
Georgia	28,687	26,681	635,440	352,916	28,179	57,554	42,114	60,599	35,763
Maryland	21,082	23,487	619,573	384,384	24,653	53,480	42,724	64,292	45,707
North Carolina	28,831	27,652	653,419	363,111	29,252	49,900	39,181	58,066	35,165
South Carolina	15,036	15,528	300,220	186,215	16,097	24,580	20,218	26,128	16,901
Virginia	26,120	26,451	600,929	358,102	27,350	52,287	41,118	61,380	40,065
West Virginia	17,244	17,128	447,877	244,071	17,956	32,532	24,793	42,106	24,470
E. S. Central	89,199	83,279	2,171,995	1,025,923	89,645	174,772	116,939	193,312	100,843
Alabama	21,442	20,049	527,101	250,384	21,292	43,632	29,962	48,123	23,783
Kentucky	27,117	25,672	587,340	304,605	27,648	46,749	32,503	53,266	30,220
Mississippi	17,256	14,772	413,737	140,855	16,079	29,244	16,906	30,747	13,271
Tennessee	23,384	22,777	643,817	330,079	24,626	55,147	37,568	61,176	33,564
W. S. Central	135,432	132,505	3,727,371	1,751,553	142,382	299,335	204,381	348,243	182,059
Arkansas	17,937	15,918	412,680	180,095	17,965	29,710	18,323	33,034	15,299
Louisiana	23,288	22,239	470,943	264,123	22,808	47,058	36,970	48,982	30,411
Oklahoma	27,339	26,434	795,028	341,774	29,206	59,259	38,008	74,266	34,629
Texas	66,918	67,914	2,043,020	965,561	72,403	160,308	111,080	191,961	101,720
Mountain	44,661	44,301	1,543,650	739,614	47,101	116,018	73,150	155,952	80,163
Arizona	5,008	4,749	198,620	76,250	5,039	14,445	7,344	19,900	8,455
Colorado	13,993	13,700	466,959	233,014	14,583	39,330	25,816	50,731	27,174
Idaho	4,916	5,139	169,087	87,406	5,526	11,313	7,183	15,386	7,940
Montana	6,951	6,732	243,828	112,382	7,184	16,125	10,147	23,317	11,813
Nevada	1,310	1,463	50,401	28,680	1,490	3,108	2,438	5,096	3,317
New Mexico	4,191	4,246	119,759	53,944	4,613	8,596	5,321	10,344	5,351
Utah	5,249	5,103	195,559	91,968	5,159	16,374	9,914	21,509	10,336
Wyoming	2,983	3,169	103,437	55,970	3,497	6,718	4,986	9,669	5,777
Pacific	122,371	125,630	4,428,602	2,285,497	132,906	345,495	236,017	507,548	282,431
California	85,691	89,554	3,210,863	1,692,879	94,310	251,148	176,192	375,948	216,105
Oregon	14,570	13,769	456,931	224,447	15,407	35,579	22,335	48,154	24,064
Washington	22,110	22,307	761,808	368,171	23,189	58,768	37,491	83,444	42,262

Source: Bureau of the Census, Department of Commerce.

No. 799.—RETAIL TRADE BY KIND OF BUSINESS

[All money figures in thousands of dollars]

Kind of business	Number of stores		Net sales		Proprietors	
	1929	1933	1929	1933	1929	1933
UNITED STATES	1,543,158	1,526,119	49,114,653	25,037,225	1,510,607	1,574,341
Food group	491,891	473,916	10,837,421	6,793,010	468,301	493,118
Grocery stores (without meats)	191,876	163,538	3,449,129	1,803,242	171,991	161,216
Combination stores (groceries and meats)	115,549	140,372	3,903,062	3,201,042	113,286	142,881
Meat markets (including sea foods)	49,865	38,344	1,336,958	491,866	51,819	42,155
Candy and confectionery stores	63,265	54,243	571,549	271,213	67,596	60,676
Dairy-products stores (including milk dealers)	11,736	18,092	797,819	498,536	11,455	19,486
Bottled beer and liquor stores		3,767		16,730		4,203
Other food stores	49,600	55,560	778,304	510,381	52,154	62,495
Restaurants and eating places	134,293	200,335	2,124,890	1,428,938	148,948	231,968
Eating places	134,293	170,434	2,124,890	1,324,387	148,948	198,209
Drinking places		29,901		105,551		33,759
Farmers' supplies and country general stores	131,223	107,483	3,689,908	1,660,781	149,707	125,538
Country general stores	104,089	85,839	2,570,744	1,097,437	121,366	103,014
Farmers' supply stores	27,134	21,644	1,119,164	403,344	28,341	22,524
General merchandise group	54,836	[1]49,703	6,444,101	[1]3,884,570	47,821	43,065
Department stores (including mail order)	4,221	[1]3,535	4,350,098	[1]2,538,258	1,441	783
General merchandise and dry-goods stores	38,305	34,122	1,189,856	668,145	39,037	35,229
Variety stores (5-and-10 and to-a-dollar stores)	12,110	12,046	904,147	678,167	7,343	7,053
Apparel group	114,298	[1]86,557	4,240,893	[1]1,930,035	99,613	77,790
Men's and boys' stores	28,197	19,491	1,102,723	489,104	26,354	19,055
Women's ready-to-wear specialty stores	18,253	[1]17,768	1,087,601	[1]575,094	15,751	16,501
Family clothing stores	10,551	5,765	552,353	185,371	9,345	5,604
Accessories and other apparel stores	33,036	24,697	601,387	255,874	29,755	22,224
Shoe stores	24,259	18,836	806,829	424,592	18,408	14,406
Automotive group	257,685	305,403	9,615,810	4,419,249	242,800	309,086
Motor-vehicle dealers	45,301	30,646	6,407,512	2,127,720	43,461	33,823
Accessories, tire, and battery dealers	22,313	16,027	599,295	225,970	20,961	15,626
Filling stations	121,513	170,404	1,787,423	1,531,724	100,746	156,151
Garages and repair shops[2]	66,703	86,454	785,091	519,827	75,903	101,175
Other automotive	1,765	1,872	36,579	14,008	1,729	2,011
Furniture and household group	58,941	42,976	2,754,721	958,780	51,962	39,628
Furniture stores	25,153	17,418	1,509,815	553,503	25,427	18,825
Household appliance stores	8,931	[1]9,761	379,704	[1]198,662	2,569	4,189
Radio stores	16,037	[1]8,161	561,772	[1]113,899	15,531	8,652
Other furniture and household	8,820	7,636	303,430	92,716	8,435	7,957
Lumber, building, and hardware group	90,386	76,098	3,845,624	1,342,705	85,579	72,054
Lumber dealers	26,377	21,015	1,981,284	603,416	17,056	13,286
Hardware stores (including farm-implement dealers)	37,572	32,802	1,224,560	488,486	42,099	36,767
Heating and plumbing stores	12,709	11,307	334,277	123,128	12,959	11,433
Other building (paint, glass, electrical)	13,728	10,974	305,503	127,675	13,465	10,568
Cigar stores and cigar stands	33,243	20,175	410,064	139,756	33,982	20,326
Coal and wood yards—ice dealers	19,118	23,875	1,013,369	623,077	17,729	23,324
Drug stores	58,258	58,407	1,690,399	1,060,252	57,415	57,749
Jewelry stores	19,998	14,313	536,281	175,066	19,982	14,370
News dealers	10,285	6,629	149,886	58,071	8,608	5,749
Other retail stores	63,836	39,380	1,613,238	500,660	62,061	38,919
Second-hand stores	15,065	20,389	148,068	105,275	16,099	23,088

[1] Revised figures.

[2] This classification for 1929 includes 3,379 body, fender, and paint shops, and 2,059 parking stations, parking garages and lots, which are not included in the 1933 total. Figures for those establishments are included in this census in the service division, a new feature of the Census of American Business. The body, fender, and paint shops reported receipts of $46,106,000 in 1929, gave employment to 9,596 full-time, and 1,033 part-time employees, and paid $15,289,000 in salaries and wages; the parking services reported receipts of $39,262,000 and paid $7,442,000 in salaries and wages to 5,015 full-time and 312 part-time employees.

No. 799.—Retail Trade by Kind of Business—Continued

[All money figures in thousands of dollars]

Kind of business	Employees (average)			Pay roll			
	1929, full-time	1933		1929, total	1933		
		Full-time	Part-time		Total	Full-time	Part-time
United States	3,883,581	2,703,325	730,327	5,139,670	2,910,445	2,664,447	245,998
Food group	569,632	504,530	178,455	767,207	593,651	541,932	51,719
Grocery stores (without meats)	143,413	99,015	45,855	183,439	113,590	100,926	12,664
Combination stores (groceries and meats)	193,726	221,225	88,192	254,264	253,174	228,871	24,303
Meat markets (including sea foods)	61,520	35,035	12,517	92,398	44,153	39,712	4,441
Candy and confectionery stores	47,072	21,034	9,527	45,724	18,523	15,725	2,798
Dairy-products stores (including milk dealers)	64,880	66,664	6,242	117,930	100,637	98,554	2,083
Bottled beer and liquor stores		1,238	365		1,361	1,218	143
Other food stores	59,021	60,319	15,757	73,452	62,213	56,926	5,287
Restaurants and eating places	419,994	356,338	73,092	396,075	261,741	239,915	21,826
Eating places	419,994	341,348	67,043	390,075	248,034	228,207	19,827
Drinking places		14,990	6,049		13,707	11,708	1,999
Farmers' supplies and country general stores	154,283	99,478	30,115	176,550	89,838	81,510	8,328
Country general stores	107,023	67,270	21,327	115,511	58,294	53,035	5,259
Farmers' supply stores	47,260	29,208	8,788	61,039	31,544	28,475	3,069
General merchandise group	702,822	[1] 525,444	[1] 159,874	818,930	[1] 533,830	[1] 491,164	[1] 42,666
Department stores (including mail order)	434,975	[1] 364,105	[1] 71,067	620,990	[1] 356,462	[1] 359,977	[1] 26,485
General merchandise and dry-goods stores	89,527	65,390	29,407	102,578	65,483	58,293	7,190
Variety stores (5-and-10 and to-a-dollar stores)	128,320	95,949	59,400	95,362	81,885	72,894	8,991
Apparel group	329,254	[1] 202,331	[1] 62,314	505,353	[1] 245,844	[1] 223,684	[1] 22,160
Men's and boys' stores	67,361	41,853	9,064	123,364	57,858	54,618	3,840
Women's ready-to-wear specialty stores	100,791	[1] 67,149	[1] 17,285	134,582	[1] 72,389	[1] 66,848	[1] 5,541
Family clothing stores	43,555	21,544	5,516	65,080	26,314	24,574	1,740
Accessories and other apparel stores	63,731	37,106	15,741	100,103	43,828	37,036	6,792
Shoe stores	48,816	34,679	14,108	82,218	45,455	41,208	4,247
Automotive group	628,333	432,989	65,383	934,402	434,548	437,701	26,845
Motor-vehicle dealers	343,570	190,691	12,671	549,010	204,818	198,542	6,276
Accessories, tire, and battery dealers	50,886	25,341	3,543	76,104	29,596	28,210	1,386
Filling stations	126,721	143,301	28,421	159,212	151,938	141,903	10,035
Garages and repair shops [3]	104,009	71,904	20,299	145,542	76,216	67,267	8,949
Other automotive	3,147	1,662	449	4,534	1,978	1,779	199
Furniture and household group	249,945	132,071	25,989	404,095	164,833	153,123	11,710
Furniture stores	119,331	66,238	8,350	196,577	84,804	81,005	3,799
Household appliance stores	50,981	[1] 38,011	[1] 10,784	79,507	[1] 44,639	[1] 40,251	[1] 4,388
Radio stores	50,321	[1] 14,432	[1] 3,378	79,996	[1] 17,812	[1] 16,252	[1] 1,560
Other furniture and household	29,312	13,390	3,451	48,015	17,578	15,615	1,963
Lumber, building, and hardware group	289,572	141,679	47,516	468,362	187,058	161,973	25,085
Lumber dealers	134,483	64,613	19,589	222,854	87,222	77,292	9,930
Hardware stores (incl. farm-implement dealers)	73,742	43,396	9,576	108,377	50,580	46,358	4,222
Heating and plumbing stores	46,089	19,015	12,063	80,324	28,716	21,395	7,321
Other building (paint, glass, electrical)	35,258	14,655	6,288	56,807	20,540	16,928	3,612
Cigar stores and cigar stands	27,533	14,797	4,294	34,235	14,293	12,989	1,304
Coal and wood yards—ice dealers	80,218	61,501	20,033	121,347	80,943	69,569	11,374
Drug stores	148,580	116,852	30,699	195,742	126,504	115,100	11,404
Jewelry stores	38,273	20,338	3,468	69,563	29,620	27,983	1,637
News dealers	16,101	9,350	7,241	14,890	7,849	6,678	1,171
Other retail stores	164,213	72,951	14,792	262,756	94,519	87,535	6,984
Second-hand stores	14,828	15,176	7,061	20,169	15,376	13,591	1,785

[1] Revised figures.

[3] See note 2, p. 778.

Source: Bureau of the Census, Department of Commerce.

No. 800.—RETAIL TRADE BY TYPE OF OPERATION: 18 KINDS OF BUSINESS

[All money figures in thousands of dollars]

Kind of business and type of operation	Number of stores, 1933 [1]	Net sales		Number of proprietors, 1933	Full-time employees (average), 1933	Pay roll, 1933	
		1929	1933			Total, including part-time	Part-time only
Total all types	1,526,119	49,114,653	25,037,225	1,674,341	2,703,325	2,910,445	245,998
Independents	1,349,337	38,081,504	17,826,562	1,544,394	1,908,401	1,987,950	181,518
Chains	141,603	9,834,846	6,312,769	3,870	685,207	795,505	50,335
Direct selling (house-to-house)	7,026	93,961	187,368	6,655	36,658	47,247	1,385
Mail-order houses (catalog only)	311	515,237	244,381	199	27,752	24,786	540
Commissaries or company stores	2,719	115,583	95,578	1,415	6,873	8,020	631
Utility-operated stores	4,127	163,371	76,079	123	10,889	16,211	2,855
All other types [1]	20,996	310,151	294,488	17,685	27,545	30,726	2,718
Department stores [2]	3,535	4,350,998	2,538,255	783	304,105	386,462	26,485
Independents	1,428	3,140,287	1,703,445	750	279,979	296,888	16,946
Chains	2,067	725,021	605,722	17	59,517	68,455	9,246
All other types	50	484,790	224,091	16	24,609	21,119	293
Variety, 5-and-10 and to-a-dollar stores [2]	12,046	904,147	673,167	7,653	95,949	81,885	8,991
Independents	6,572	88,340	50,699	7,478	6,336	5,125	912
Chains	5,400	814,762	618,333	102	89,609	76,757	8,079
All other types	74	1,045	135	73	4	3	
Men's and boys' clothing and furnishings stores	19,491	1,192,722	489,104	19,055	41,353	57,353	3,840
Independents	17,599	929,365	374,205	18,799	31,607	42,817	2,973
Chains	1,693	252,354	107,553	96	9,543	14,115	814
All other types	199	11,003	7,346	160	703	926	53
Family clothing stores (men's, women's and children's)	5,765	552,358	185,371	5,604	21,544	26,314	1,740
Independents	5,177	394,707	146,744	5,536	16,711	20,077	1,245
Chains	550	150,739	37,588	37	4,667	6,074	489
All other types	38	6,907	1,039	31	166	163	6
Women's ready-to-wear specialty stores	17,783	1,087,601	575,094	16,501	97,149	72,389	5,541
Independents	15,773	807,811	428,482	16,274	51,634	56,044	4,514
Chains	1,726	246,960	134,255	145	14,309	14,965	833
All other types	269	32,830	12,357	82	1,206	1,380	194
Shoe stores	18,338	806,829	424,592	14,408	34,679	45,455	4,247
Independents	13,380	431,818	197,345	14,108	16,015	20,609	1,841
Chains	4,442	306,216	196,249	124	15,664	21,681	2,016
All other types	1,008	68,795	30,998	174	3,000	3,165	390
Furniture stores	17,418	1,509,815	553,503	18,825	68,238	84,804	3,799
Independents	16,728	1,267,277	468,338	18,700	56,413	71,284	3,598
Chains	570	213,661	78,418	26	8,965	12,308	140
All other types	120	28,877	6,747	99	860	1,212	61
Household appliance stores	9,781	(3)	198,662	4,189	38,010	44,639	4,338
Independents	3,926	(3)	65,880	4,021	8,394	10,796	1,261
Chains	1,355	(3)	42,669	12	13,226	12,291	392
All other types	4,480	(3)	90,113	156	16,390	21,552	2,735
Radio stores	8,161	561,773	113,899	8,652	14,432	17,812	1,560
Independents	7,846	443,974	94,128	8,525	11,940	14,563	1,493
Chains	207	107,279	17,793	19	2,289	2,898	36
All other types	108	10,519	1,978	108	253	351	31
Grocery stores (without meats)	163,538	3,449,129	1,803,242	161,216	99,015	113,590	12,664
Independents	137,852	1,674,805	978,897	159,904	44,272	40,945	4,937
Chains	24,740	1,576,252	811,910	245	53,930	71,808	7,597
All other types	946	198,072	12,435	1,067	813	837	130
Combination stores (groceries and meats)	140,372	3,903,662	3,201,042	142,881	221,225	253,174	24,803
Independents	115,184	2,403,173	1,797,021	142,072	119,862	119,065	11,275
Chains	24,924	1,257,727	1,397,090	483	100,787	133,424	12,999
All other types	264	182,762	6,931	326	586	685	29
Restaurants and eating places [4]	170,434	1,802,913	1,324,397	198,209	341,348	248,034	19,827
Independents	166,596	1,551,912	1,122,882	197,684	280,814	200,068	17,774
Chains	3,377	245,788	196,800	161	59,457	46,943	1,902
All other types	461	5,213	4,705	364	1,077	1,023	151
Cigar stores and cigar stands	20,175	410,064	189,756	20,326	14,797	14,293	1,304
Independents	18,278	301,328	123,521	20,146	9,594	9,483	1,235
Chains	1,713	102,980	64,396	50	4,990	4,650	58
All other types	184	5,756	1,839	130	213	180	11
Motor-vehicle dealers	30,646	(3)	2,127,720	33,893	190,691	204,818	6,276
Independents	30,219	(3)	2,013,692	33,792	180,273	190,660	6,043
Chains	409	(3)	112,703	21	10,306	14,019	232
All other types	18	(3)	1,325	10	112	139	1

For footnotes, see next page.

No. 800.—Retail Trade by Type of Operation: 18 Kinds of Business—Continued

[All money figures in thousands of dollars]

Kind of business and type of operation	Number of stores, 1933	Net sales		Number of proprietors, 1933	Full-time employees (average), 1933	Pay roll, 1933	
		1929	1933			Total, including part-time	Part-time only
Filling stations	170,404	1,787,423	1,531,724	156,461	143,395	151,938	10,036
Independents	134,239	1,113,012	984,867	155,734	68,868	65,202	7,508
Chains	36,026	605,204	543,682	647	74,226	86,382	2,513
All other types	139	69,207	3,175	70	301	354	14
Drug stores	58,407	1,690,399	1,066,252	57,749	118,852	126,504	11,404
Independents	53,341	1,371,986	788,568	56,423	83,158	91,524	10,669
Chains	3,760	312,451	267,299	140	31,504	32,816	500
All other types	1,306	5,962	10,385	1,176	2,130	2,164	235
Hardware stores [5]	32,802	706,053	488,436	30,767	43,398	50,520	4,222
Independents	32,234	667,829	467,157	30,711	40,904	47,452	4,128
Chains	536	21,141	19,894	46	2,399	3,006	89
All other types	32	17,083	1,425	10	93	122	5
Jewelry stores	14,313	536,280	175,066	14,370	20,338	29,620	1,637
Independents	14,050	498,602	163,886	14,289	18,780	27,497	1,605
Chains	191	34,246	10,350	11	1,454	1,975	26
All other types	72	3,432	821	70	104	148	6
All other kinds of business [6]	612,247	23,863,893	7,372,900	656,881	768,309	900,276	93,735

[1] Includes leased departments, market and roadside stands, itinerant vendors and rolling stores, cooperatives, a few retailer-wholesalers (whose business is evenly divided between the two), and country buyers who also operate retail stores. The latter were difficult to identify from the 1933 schedule, and the comparison between 1929 and 1933 is subject to qualification in that the entire 1929 figures for retailer-country buyers are included for comparison purposes in figures for independents.

[2] One large national chain with total sales in 1933 (published in the press) of more than $78,000,000 so changed the character of its business since 1929 that it now is classified as a department-store chain whereas it was a variety-store chain before.

[3] Data not available for 1929.

[4] Restaurants and eating places in the 1933 tabulation include lunch counters and refreshment stands in addition to restaurants, cafeterias, and lunch rooms. The 1929 figures include only the latter three kinds of restaurants and, therefore, are not strictly comparable, but the new basis is considered preferable for future comparisons, in order to distinguish eating places as such from drinking places.

[5] Figures for 1933 include two business classifications—hardware stores, and hardware and farm implement dealers. The 1929 figures include only the former and are not comparable with figures for 1933.

[6] Data for "Household appliance stores" and "Motor-vehicle dealers" included for 1929 but not for 1933.

Source: Bureau of the Census, Department of Commerce.

No. 801.—RETAIL TRADE FOR INDIVIDUAL CITIES OF 50,000 OR MORE INHABITANTS, 1933

City	Number of stores	Full-time employees (avg.)	Net sales (thousands of dollars)	City	Number of stores	Full-time employees (avg.)	Net sales (thousands of dollars)
Akron, Ohio	3,427	8,407	70,445	Charlotte, N. C	946	4,054	28,596
Albany, N. Y	2,434	7,023	60,650	Chattanooga, Tenn	1,593	4,080	32,152
Allentown, Pa	1,285	2,960	23,830	Chester, Pa	824	1,452	13,821
Altoona, Pa	800	2,279	17,048	Chicago, Ill	44,599	122,551	960,084
Asheville, N. C	642	1,951	15,185	Cicero, Ill	905	738	9,530
Atlanta, Ga	3,200	13,461	94,484	Cincinnati, Ohio	6,660	20,733	160,459
Atlantic City, N. J	1,705	3,921	30,423	Cleveland, Ohio	13,413	33,658	275,935
Augusta, Ga	913	1,905	14,641	Cleveland Heights, Ohio	313	952	9,422
Austin, Tex	886	2,432	19,531	Columbia, S. C	802	2,195	16,056
Baltimore, Md	13,499	30,164	251,461	Columbus, Ohio	3,940	12,144	93,253
Bayonne, N. J	1,185	899	13,552	Covington, Ky	963	1,322	13,704
Beaumont, Tex	802	2,046	15,290	Dallas, Tex	3,604	12,309	88,512
Berkeley, Calif	1,050	1,903	21,009	Davenport, Iowa	830	2,348	17,843
Bethlehem, Pa	729	1,324	11,496	Dayton, Ohio	2,680	7,100	57,915
Binghamton, N. Y	977	2,983	27,499	Dearborn, Mich	475	734	7,500
Birmingham, Ala	2,742	8,821	55,914	Decatur, Ill	772	2,081	16,849
Boston, Mass	10,632	49,370	374,805	Denver, Colo	4,133	13,522	106,553
Bridgeport, Conn	2,293	5,108	44,337	Des Moines, Iowa	2,157	6,755	55,023
Brockton, Mass	896	2,131	20,349	Detroit, Mich	17,141	46,847	369,936
Buffalo, N. Y	8,215	18,890	162,526	Duluth, Minn	1,285	3,518	28,266
Cambridge, Mass	1,026	2,930	26,135	Durham, N. C	611	1,706	14,556
Camden, N. J	2,117	3,507	32,689	East Chicago, Ind	694	616	6,407
Canton, Ohio	1,493	3,287	28,137	East Orange, N. J	821	1,526	18,334
Cedar Rapids, Iowa	929	2,532	19,918	East St. Louis, Ill	1,089	1,609	14,027
Charleston, S. C	1,037	2,541	16,997	Elizabeth, N. J	2,359	2,965	33,355
Charleston, W. Va	956	3,019	22,885	El Paso, Tex	1,282	3,028	21,340

No. 801.—Retail Trade for Individual Cities of 50,000 or More Inhabitants, 1933—Continued

City	Number of stores	Full-time employees (avg.)	Net sales (thousands of dollars)	City	Number of stores	Full-time employees (avg.)	Net sales (thousands of dollars)
Erie, Pa	1,566	3,514	27,813	Niagara Falls, N. Y	1,141	2,046	19,197
Evanston, Ill	682	3,014	26,566	Norfolk, Va	1,941	5,411	39,228
Evansville, Ind	1,327	3,068	22,559	Oakland, Calif	4,898	10,846	103,904
Fall River, Mass	1,573	3,292	28,624	Oak Park, Ill	565	2,092	21,029
Flint, Mich	1,674	3,864	37,094	Oklahoma City, Okla	2,169	7,404	53,462
Fort Wayne, Ind	1,452	3,881	31,209	Omaha, Nebr	3,152	9,785	73,903
Fort Worth, Tex	2,300	5,612	43,060	Pasadena, Calif	1,336	3,020	28,540
Fresno, Calif	1,432	2,826	27,879	Passaic, N. J	1,178	1,469	18,021
Galveston, Tex	763	2,134	15,611	Paterson, N. J	2,677	4,670	48,179
Gary, Ind	1,027	1,820	17,264	Pawtucket, R. I	897	2,244	20,500
Glendale, Calif	1,053	1,915	19,773	Peoria, Ill	1,422	4,918	34,699
Grand Rapids, Mich	2,215	5,953	45,481	Philadelphia, Pa	25,154	70,738	514,456
Greensboro, N. C	663	2,161	17,195	Pittsburgh, Pa	6,942	27,327	195,681
Hamilton, Ohio	791	1,400	12,393	Pontiac, Mich	706	1,506	12,439
Hammond, Ind	828	1,949	18,982	Port Arthur, Tex	473	1,052	10,711
Hamtramck, Mich	695	883	8,560	Portland, Maine	1,140	3,973	31,522
Harrisburg, Pa	1,241	4,029	29,629	Portland, Oreg	4,584	12,717	105,865
Hartford, Conn	2,192	8,401	68,944	Providence, R. I	3,223	10,869	85,820
Highland Park, Mich	591	1,562	14,486	Pueblo, Colo	674	1,440	12,866
Hoboken, N. J	1,017	1,336	15,242	Quincy, Mass	747	1,844	19,807
Holyoke, Mass	890	1,760	16,334	Racine, Wis	1,054	1,556	16,507
Houston, Tex	4,328	12,657	98,392	Reading, Pa	1,889	4,466	36,741
Huntington, W. Va	1,124	2,623	20,167	Richmond, Va	2,548	9,011	65,982
Indianapolis, Ind	4,494	14,341	104,177	Roanoke, Va	920	3,229	23,384
Irvington, N. J	716	731	10,474	Rochester, N. Y	4,590	12,828	106,321
Jackson, Mich	687	1,658	13,882	Rockford, Ill	1,126	2,739	23,392
Jacksonville, Fla	1,747	5,149	37,767	Sacramento, Calif	1,750	4,504	42,754
Jersey City, N. J	4,289	5,328	61,730	Saginaw, Mich	991	2,172	19,065
Johnstown, Pa	899	2,318	18,247	St. Joseph, Mo	1,203	2,855	22,765
Kalamazoo, Mich	838	2,224	20,215	St. Louis, Mo	12,527	32,610	252,813
Kansas City, Kans	1,580	2,101	19,686	St. Paul, Minn	3,297	12,634	101,323
Kansas City, Mo	6,206	22,921	163,680	Salt Lake City, Utah	1,509	5,357	42,109
Kenosha, Wis	702	1,018	11,289	San Antonio, Tex	3,868	8,920	60,618
Knoxville, Tenn	1,121	3,756	27,404	San Diego, Calif	3,025	5,837	53,917
Lakewood, Ohio	539	1,200	12,875	San Francisco, Calif	10,087	30,408	254,075
Lancaster, Pa	862	2,192	18,318	San Jose, Calif	1,118	2,848	26,470
Lansing, Mich	1,016	2,880	23,395	Savannah, Ga	1,230	2,940	19,911
Lawrence, Mass	1,434	2,550	20,752	Schenectady, N. Y	1,481	3,456	31,365
Lincoln, Nebr	1,044	3,738	28,054	Scranton, Pa	1,917	5,710	41,853
Little Rock, Ark	976	3,178	22,623	Seattle, Wash	5,708	16,229	120,096
Long Beach, Calif	2,177	4,241	41,676	Shreveport, La	1,084	3,627	24,269
Los Angeles, Calif	19,817	56,608	463,340	Sioux City, Iowa	1,098	3,507	26,704
Louisville, Ky	4,012	10,919	81,229	Somerville, Mass	956	1,989	19,699
Lowell, Mass	1,305	2,915	25,021	South Bend, Ind	1,275	3,260	25,249
Lynn, Mass	1,444	3,653	31,824	Spokane, Wash	1,807	4,408	38,375
McKeesport, Pa	714	1,602	14,308	Springfield, Ill	1,110	3,352	24,399
Macon, Ga	659	2,111	14,694	Springfield, Mass	2,258	7,469	58,010
Madison, Wis	961	2,803	23,722	Springfield, Mo	1,057	2,342	18,504
Malden, Mass	649	1,362	14,688	Springfield, Ohio	947	1,922	16,299
Manchester, N. H	1,015	2,336	21,434	Syracuse, N. Y	2,273	7,531	64,722
Medford, Mass	438	889	9,611	Tacoma, Wash	1,690	3,219	28,950
Memphis, Tenn	2,444	9,163	69,077	Tampa, Fla	1,643	3,336	20,725
Miami, Fla	2,429	5,808	44,940	Terre Haute, Ind	1,140	2,306	18,591
Milwaukee, Wis	10,004	21,072	178,740	Toledo, Ohio	3,464	9,713	76,595
Minneapolis, Minn	6,122	21,907	168,636	Topeka, Kans	1,035	2,884	22,267
Mobile, Ala	980	2,787	19,370	Trenton, N. J	2,297	4,313	37,805
Montgomery, Ala	788	2,409	16,020	Troy, N. Y	1,285	2,845	26,115
Mt. Vernon, N. Y	878	2,055	22,059	Tulsa, Okla	2,027	6,189	44,690
Nashville, Tenn	2,206	6,973	50,560	Union City, N. J	1,068	1,617	17,689
Newark, N. J	8,325	21,413	188,167	Utica, N. Y	1,270	3,018	27,667
New Bedford, Mass	1,714	3,284	30,230	Waco, Tex	843	1,917	15,206
New Britain, Conn	844	1,376	13,925	Washington, D. C	6,156	28,508	241,515
New Haven, Conn	2,691	6,159	55,467	Waterbury, Conn	1,230	2,703	24,203
New Orleans, La	7,708	16,945	103,386	Wheeling, W. Va	1,017	3,058	22,449
New Rochelle, N. Y	660	2,241	21,716	Wichita, Kans	1,844	4,728	36,894
Newton, Mass	464	1,257	12,429	Wilkes-Barre, Pa	1,412	4,290	31,049
New York, N. Y	97,528	236,334	2,245,801	Wilmington, Del	1,820	4,085	37,376
Bronx Borough	14,308	18,735	243,789	Winston-Salem, N. C	919	2,038	16,158
Brooklyn Borough	33,423	47,934	557,619	Worcester, Mass	2,024	6,492	54,597
Manhattan Borough	35,089	146,484	1,165,805	Yonkers, N. Y	1,736	2,807	32,057
Queens Borough	12,389	20,548	243,773	York, Pa	954	2,312	18,807
Richmond Borough	2,319	2,633	34,815	Youngstown, Ohio	1,854	5,268	40,765

Source: Bureau of the Census, Department of Commerce.

No. 802.—SERVICE ESTABLISHMENTS, PLACES OF AMUSEMENT AND HOTELS: BY STATES, 1933

[All money figures in thousands of dollars]

Division and State	Number of establishments	Receipts	Number of proprietors	Employees (average)		Pay roll			Total operating expenses (including pay roll) [1]
				Full-time	Part-time	Total	Full-time	Part-time	
United States	502,416	2,760,881	546,444	657,481	202,519	701,594	619,785	81,809	2,043,131
New England	36,769	199,962	38,654	45,668	14,170	53,005	46,483	6,522	151,725
Connecticut	6,755	37,180	7,053	8,056	2,739	9,228	8,010	1,218	28,330
Maine	3,613	13,576	4,008	3,517	1,185	2,975	2,488	487	9,280
Massachusetts	19,720	118,516	20,342	27,002	7,972	33,289	29,398	3,891	91,584
New Hampshire	2,090	9,259	2,305	1,971	690	2,100	1,874	226	6,348
Rhode Island	2,841	15,216	3,030	3,312	1,114	4,007	3,487	520	11,887
Vermont	1,750	6,265	1,916	1,720	470	1,406	1,226	180	4,296
Middle Atlantic	122,350	901,622	130,976	168,702	47,973	217,090	194,848	22,242	658,365
New Jersey	20,012	103,681	21,631	20,854	7,183	24,624	21,305	3,319	80,324
New York	66,196	626,803	70,784	108,995	27,281	150,206	136,998	13,208	447,516
Pennsylvania	36,142	171,048	38,561	38,853	13,509	42,260	36,545	5,715	130,525
East North Central	108,243	589,998	117,266	139,383	46,954	152,545	134,215	18,330	432,751
Illinois	34,173	252,983	36,391	53,024	18,588	66,229	58,714	7,515	180,329
Indiana	13,029	47,650	14,617	12,705	4,276	11,258	9,815	1,443	34,640
Michigan	18,580	93,933	20,158	24,334	7,386	24,149	21,429	2,720	70,439
Ohio	20,925	143,248	32,354	37,325	11,292	38,840	34,082	4,758	109,950
Wisconsin	12,536	52,184	13,746	11,995	5,442	12,069	10,175	1,894	37,393
West North Central	61,348	246,316	67,507	64,436	19,418	60,061	52,984	7,077	179,305
Iowa	11,506	40,899	12,769	9,686	3,566	8,509	7,354	1,155	28,334
Kansas	8,617	25,830	9,541	7,234	2,512	5,473	4,727	746	17,787
Minnesota	11,037	53,213	12,109	13,337	3,808	13,071	11,614	1,457	39,223
Missouri	17,091	86,037	18,632	24,361	5,962	24,587	22,006	2,581	65,506
Nebraska	7,649	24,907	8,480	6,065	2,317	5,406	4,631	775	18,057
North Dakota	2,603	7,665	2,838	1,887	533	1,444	1,286	158	4,979
South Dakota	2,783	7,765	3,038	1,866	720	1,571	1,366	205	5,419
South Atlantic	44,989	223,876	49,051	72,084	19,449	59,713	53,406	6,307	168,876
Delaware	961	4,710	1,005	1,092	406	1,098	927	171	3,362
Dist. of Col.	2,413	31,845	2,450	8,849	1,095	8,603	8,174	429	24,710
Florida	6,270	31,215	6,933	10,716	2,270	8,488	7,664	824	25,511
Georgia	6,389	26,950	7,160	10,739	2,273	7,221	6,617	604	19,783
Maryland	6,825	37,161	7,188	9,356	2,868	9,329	8,529	1,300	27,709
North Carolina	6,227	26,840	7,046	9,958	2,593	7,107	6,416	691	19,635
South Carolina	3,854	14,295	4,178	5,207	2,736	3,874	3,240	634	9,917
Virginia	7,405	33,263	7,994	10,978	3,807	9,159	7,955	1,204	25,352
West Virginia	4,645	17,597	5,097	5,189	1,401	4,334	3,884	450	12,897
East South Central	23,849	82,990	26,406	30,214	7,991	21,847	19,285	2,562	61,879
Alabama	5,326	17,556	5,893	7,477	2,253	5,252	4,517	735	13,232
Kentucky	8,031	28,471	8,922	8,497	2,398	6,817	5,996	821	20,874
Mississippi	3,771	9,143	4,151	3,923	1,063	2,360	2,101	249	7,056
Tennessee	6,721	27,820	7,440	10,307	2,277	7,428	6,671	757	20,717
West South Central	39,582	156,325	44,347	53,154	14,799	41,872	37,591	4,281	118,338
Arkansas	4,245	12,076	4,851	4,578	1,093	2,868	2,592	276	8,728
Louisiana	5,653	25,617	6,096	9,131	2,449	7,802	6,825	977	21,333
Oklahoma	8,574	28,410	9,706	9,431	2,212	7,258	6,615	643	20,948
Texas	21,110	90,213	23,694	30,014	9,045	23,944	21,559	2,385	67,329
Mountain	16,360	68,593	18,369	18,116	5,638	16,945	14,906	2,039	51,336
Arizona	1,546	7,972	1,694	2,285	499	2,066	1,888	178	6,622
Colorado	5,528	22,579	6,180	6,461	1,735	6,053	5,375	678	17,145
Idaho	1,873	6,985	2,119	1,472	591	1,469	1,240	229	4,876
Montana	2,460	9,807	2,770	2,079	862	2,098	1,774	324	6,754
Nevada	541	3,148	580	602	236	694	593	101	2,327
New Mexico	1,258	4,815	1,435	1,709	444	1,211	1,099	112	3,486
Utah	1,974	8,116	2,240	2,300	757	2,189	1,915	274	6,374
Wyoming	1,180	5,171	1,351	1,208	414	1,165	1,022	143	3,752
Pacific	48,928	291,199	53,868	65,725	26,101	78,516	66,067	12,449	220,556
California	35,865	227,065	39,626	50,084	18,818	61,290	52,144	9,146	170,775
Oregon	4,865	22,546	5,492	5,370	2,427	6,013	4,729	1,284	16,902
Washington	8,198	41,588	8,750	10,271	4,856	11,213	9,194	2,019	32,879

[1] Does not include compensation of proprietors.

Source: Bureau of the Census, Department of Commerce.

No. 803.—SERVICE ESTABLISHMENTS, PLACES OF AMUSEMENT, AND HOTELS: BY KIND OF BUSINESS, 1933

[All money figures in thousands of dollars. Pay roll does not include compensation of proprietors]

Kind of business	Number of establishments	Receipts	Number of proprietors	Employees (average)		Pay roll			Total operating expenses (incl. payroll)
				Full-time	Part-time	Total	Full-time	Part-time	
United States total	502, 419	2, 760, 881	546, 444	657, 481	202, 519	701, 594	619, 785	81, 809	2, 043, 131
Service establishments, total	443, 217	1, 725, 114	482, 463	356, 190	149, 325	437, 917	373, 458	64, 459	1, 065, 450
Personal service:									
Barber shops	117, 832	204, 387	128, 709	71, 347	18, 123	58, 507	52, 070	6, 437	122, 186
Beauty parlors	42, 073	116, 795	45, 807	42, 733	8, 955	38, 974	35, 618	3, 356	83, 518
Cleaning, dyeing, pressing, alteration, and repair shops; and valet shops	55, 459	135, 611	59, 965	28, 274	12, 086	26, 271	21, 244	5, 027	82, 957
Costume rental agencies	295	2, 199	298	488	151	736	646	90	1, 611
Funeral directors and embalmers	12, 655	172, 438	15, 571	16, 414	9, 260	27, 071	23, 746	3, 325	86, 220
Fur repair and storage shops	1, 310	5, 065	1, 436	732	376	1, 070	814	256	2, 703
Laundries, hand [1]	13, 691	35, 645	16, 262	7, 511	3, 933	6, 786	5, 319	1, 467	21, 638
Photographic studios	8, 330	31, 873	8, 925	5, 881	1, 945	7, 213	6, 375	838	19, 527
Shoe repair shops	50, 425	87, 153	52, 781	12, 876	4, 739	11, 881	10, 247	1, 634	42, 103
Shoe shine parlors [2]	7, 027	10, 032	7, 722	2, 826	1, 503	2, 014	1, 665	349	6, 042
Other personal services	2, 319	10, 215	2, 022	3, 027	856	2, 799	2, 529	270	7, 410
Business service:									
Adjustment and credit bureaus, and collection agencies	1, 824	35, 159	1, 225	11, 936	931	15, 341	14, 897	444	26, 310
Advertising agencies, and billboard advertising agencies	1, 479	189, 867	1, 101	11, 642	2, 767	29, 792	28, 253	1, 539	61, 533
Blueprinting and photostat laboratories	253	3, 875	236	1, 041	95	1, 185	1, 148	37	2, 510
Cartage and trucking establishments	23, 102	174, 875	25, 196	39, 291	20, 478	57, 301	46, 451	10, 850	144, 427
Delivery service	577	8, 550	583	2, 960	2, 006	4, 130	3, 800	330	7, 009
Dental laboratories	947	8, 983	1, 026	2, 378	287	3, 075	2, 881	194	5, 166
Duplicating, addressing, mailing, and mailing-list service	672	5, 736	675	1, 758	878	2, 258	1, 880	378	4, 155
Linen supply service	461	17, 713	316	5, 374	253	5, 784	5, 653	131	14, 619
Photo finishing laboratories	780	5, 493	880	1, 366	295	1, 522	1, 398	124	3, 236
Sign painting shops	3, 007	9, 438	3, 449	1, 550	1, 129	2, 461	1, 778	683	5, 192
Storage warehouses	2, 517	72, 085	1, 968	16, 543	7, 594	24, 415	21, 235	3, 180	62, 187
Other business services	2, 302	127, 368	1, 706	20, 248	26, 155	45, 262	34, 881	10, 381	104, 730
Mechanical repair service:									
Automobile brake repair, relining, and adjustment shops	241	1, 940	235	400	55	530	503	27	1, 095
Automobile paint shops	1, 694	5, 734	2, 009	1, 211	773	1, 624	1, 221	403	3, 265
Automobile radiator shops	1, 157	3, 539	1, 306	602	244	784	632	152	1, 898
Automobile top and body repair shops	3, 636	17, 778	4, 276	4, 046	1, 875	5, 381	4, 284	1, 097	10, 095
Blacksmith shops	20, 257	21, 563	22, 088	2, 682	1, 791	2, 581	1, 903	678	8, 297
Cabinetmaker and carpenter repair shops	2, 063	3, 654	2, 323	358	528	667	369	298	1, 726
Electric repair shops	2, 391	11, 169	2, 691	2, 303	1, 073	3, 485	2, 830	655	6, 228
Elevator service (repair)	141	1, 546	145	318	211	644	445	199	908
Harness, leather, and shoe repair shops	2, 490	2, 880	2, 629	217	122	186	149	37	928
Locksmith and gunsmith shops	1, 937	3, 272	2, 089	455	153	506	429	77	1, 608
Mattress renovating and repair shops	482	1, 284	589	265	157	263	200	63	656
Plumbing and heating repair shops	6, 608	27, 217	7, 419	3, 447	4, 681	6, 289	3, 556	2, 733	12, 265
Radio repair shops [3]	4, 501	6, 145	5, 078	650	395	689	543	146	2, 904
Saw and tool sharpening service	778	1, 715	857	294	80	347	303	44	950
Tinsmith, sheet metal, and roofing repair shops	3, 151	11, 959	3, 599	1, 522	2, 076	2, 901	1, 636	1, 265	5, 558
Tire repair shops	578	1, 174	637	169	54	164	139	25	486
Typewriter repair shops	268	746	291	142	40	188	171	17	384
Upholstery and furniture repair shops	4, 758	10, 950	5, 414	1, 401	1, 222	1, 983	1, 326	657	5, 461
Watch, clock, and jewelry repair shops	9, 678	14, 707	10, 158	1, 302	562	1, 597	1, 315	282	6, 161
Welding shops	2, 545	10, 478	2, 954	1, 896	780	2, 608	2, 145	463	5, 920
Other mechanical repair services	5, 962	17, 809	6, 755	3, 007	1, 839	4, 364	3, 357	1, 007	9, 781
Miscellaneous service:									
Automobile laundries	733	2, 061	821	773	581	658	464	194	1, 545
Automobile rental service	381	5, 420	274	1, 214	216	1, 583	1, 452	131	5, 015
Disinfectant and exterminating service	321	3, 147	314	815	316	1, 292	1, 147	145	2, 329
Employment agencies	783	3, 274	825	1, 028	131	1, 197	1, 137	60	2, 733
Garages (storage)	2, 123	14, 197	2, 173	3, 619	518	3, 806	3, 568	238	11, 470
Hemstitching, embroidery, and buttonholing shops	985	1, 620	1, 090	405	206	397	317	80	1, 020
Parking lots	3, 152	12, 827	2, 915	3, 123	870	3, 743	3, 476	267	11, 287
Tourist camps, and tourist camps with filling stations	5, 846	8, 483	7, 921	1, 705	785	1, 157	951	206	5, 292
Window cleaning service	387	5, 108	419	2, 575	762	3, 109	2, 669	440	4, 116
Other miscellaneous services	3, 863	21, 163	4, 310	5, 755	1, 931	7, 346	6, 293	1, 053	17, 060

[1] Not including commercial laundries. [2] Including hat cleaning. [3] Not including dealers in radios.

No. 803.—Service Establishments, Places of Amusements, and Hotels: By Kind of Business, 1933—Continued

[All money figures in thousands of dollars]

Kind of business	Number of establishments	Receipts	Number of proprietors	Employees (average)		Pay roll			Total operating expenses (including pay roll)
				Full-time	Part-time	Total	Full-time	Part-time	
Amusements, total	29,737	520,218	30,297	87,372	30,787	117,397	106,568	10,829	489,978
Billiard and pool parlors, and bowling alleys	11,438	31,710	13,040	9,016	7,076	7,482	5,716	1,766	21,178
Dance halls	2,933	10,248	3,412	2,884	5,384	3,856	2,341	1,515	9,039
Skating rinks	204	1,005	327	246	176	299	222	77	968
Theaters	10,265	415,153	8,284	63,136	12,857	85,422	80,519	4,903	408,874
Legitimate stage and opera	122	8,611	69	1,182	448	3,666	3,457	209	6,496
Motion picture	9,499	356,316	8,024	54,030	11,698	71,451	67,009	4,442	352,152
Motion picture and vaudeville	644	50,226	191	7,924	711	10,305	10,053	252	50,226
Other amusements	4,837	62,102	5,234	12,090	5,294	20,338	17,770	2,568	49,919
Hotels, total	29,462	515,549	33,664	213,919	21,908	146,280	139,759	6,521	437,703
Year-round	27,128	493,241	30,712	205,570	20,955	140,973	134,746	6,227	408,396
American plan	4,044	34,474	5,017	14,573	1,936	9,240	8,700	540	28,923
European plan	18,936	402,102	20,595	167,335	15,849	116,292	111,429	4,863	390,233
Mixed plan (American and European)	4,148	56,665	5,100	23,662	3,170	15,441	14,617	824	49,240
Seasonal	2,334	22,308	2,972	8,349	953	5,307	5,013	294	19,307
American plan	1,263	12,509	1,863	4,850	550	3,075	2,909	166	10,773
European plan	604	4,302	718	1,428	142	933	883	50	3,476
Mixed plan (American and European)	467	5,497	591	2,065	261	1,299	1,221	78	5,058

Source: Bureau of the Census, Department of Commerce.

No. 804.—INDEXES OF VALUES OF SALES BY DEPARTMENT STORES: By Federal Reserve Districts and by Months

Note.—1923–1925 average=100. Compiled from reports of about 360 to 560 firms. Indexes have been adjusted for variations in number of firms reporting and monthly indexes for the varying number of business days in the different months and the effect of changes in the date of Easter. The adjusted monthly indexes are revised data based on a new series of seasonal indexes.

Year	United States	Boston [1]	New York	Philadelphia	Cleveland	Richmond [1]	Atlanta	Chicago	St. Louis [1]	Minneapolis	Kansas City [1 2]	Dallas	San Francisco
1919	78	78	76	------	77	84	94	------	------	90	------	98	67
1920	94	91	91	------	98	93	113	------	------	105	------	118	81
1921	87	89	87	------	87	89	96	------	90	100	------	98	77
1922	88	92	90	------	87	86	91	------	89	98	------	91	82
1923	98	98	96	101	101	97	101	99	99	97	------	96	96
1924	99	100	99	99	99	99	98	98	98	99	95	100	99
1925	103	102	105	100	101	104	102	103	103	104	100	104	105
1926	106	105	109	103	102	107	106	108	105	101	95	109	111
1927	107	106	111	99	103	105	107	110	103	101	96	107	113
1928	108	104	113	94	103	106	107	115	104	98	97	109	117
1929	111	106	117	95	105	110	104	117	105	99	96	110	119
1930	102	100	114	87	94	106	95	102	94	94	95	100	111
1931	92	91	105	77	82	100	87	86	82	87	82	86	98
1932	69	71	83	60	60	81	70	64	63	69	64	65	75
1933	67	65	78	58	62	77	68	63	60	65	63	66	71
1934	75	69	82	63	70	90	83	73	69	72	73	79	77

Month	United States—Unadjusted						United States—With seasonal adjustment					
	1930	1931	1932	1933	1934	1935	1930	1931	1932	1933	1934	1935
January	88	81	64	49	57	59	107	99	79	61	71	74
February	89	81	64	49	59	61	108	99	78	60	71	75
March	93	92	69	50	73	71	107	98	73	57	78	82
April	110	101	73	68	73	79	105	102	74	64	74	73
May	105	97	72	67	77	76	105	97	72	67	77	76
June	98	92	66	64	70	76	103	96	69	68	74	80
July	71	66	46	48	51	56	100	94	66	70	73	80
August	77	68	49	59	60	------	102	89	64	75	77	------
September	103	88	71	73	79	------	99	85	68	69	75	------
October	112	94	75	77	82	------	101	85	68	69	73	------
November	113	97	73	76	83	------	99	85	64	66	74	------
December	165	143	106	121	135	------	96	83	62	70	78	------

[1] Beginning December 1930 computed by the Bureau of Foreign and Domestic Commerce based on percentage changes in sales as reported by the Federal Reserve Board. [2] Monthly average sales in 1925=100.

Source: United States and Boston, Richmond, St. Louis, and Kansas City, except as noted, Federal Reserve Board, other districts, the respective Federal Reserve banks. Indexes for Minneapolis and New York published on a 1929 and 1925–27 base, respectively; computed to a 1923–25 base by Bureau of Foreign and Domestic Commerce.

No. 805.—INDEXES OF THE VALUE OF SALES OF CHAIN STORES

NOTE.—The combined index for all groups covers 18 leading chains, including in addition to the 3 apparel and the 5 grocery chains shown in the table, 6 five-and-ten (variety), 2 drug, and 2 shoe chains. Indexes are based on daily average sales. Each monthly index is expressed as a percentage of the average for the same month of the base period. Allowance for the fluctuating date of Easter is made in the case of apparel, variety, and shoe chains. No allowance has been made for changes in the number of stores operated

[1929–1931=100]

Month	Combined index (18 companies)				Apparel index (3 companies)				Grocery index (5 companies)			
	1932	1933	1934	1935	1932	1933	1934	1935	1932	1933	1934	1935
Annual index	84	88	92	------	82	81	97	------	81	78	84	------
January	88	80	89	92	91	76	93	95	86	76	81	86
February	90	79	91	96	91	73	90	96	85	74	82	88
March	84	76	91	96	80	63	100	105	84	75	81	88
April	89	80	92	96	93	84	103	104	84	75	82	89
May	85	80	90	92	87	79	98	100	84	77	82	89
June	82	84	92	96	81	81	91	99	81	79	84	90
July	83	87	93	96	75	79	88	101	81	82	85	91
August	80	87	93	------	75	91	97	------	80	81	87	------
September	83	88	95	------	83	84	99	------	80	81	86	------
October	82	86	92	------	80	88	101	------	77	80	85	------
November	79	86	93	------	78	82	102	------	77	80	85	------
December	77	88	94	------	74	88	99	------	76	80	86	------

Source: The Chain Store Age.

No. 806.—INDEXES OF DOLLAR VALUES OF AUTOMOBILE RETAIL SALES, VARIETY STORE SALES, AND RETAIL SALES OF GENERAL MERCHANDISE IN SMALL TOWNS AND RURAL AREAS

NOTE.—Indexes of automobile sales are based on unit sales figures reported monthly to the Automobile Manufacturers' Association, which represent over 95 percent of all dealer's sales. The unit sales figures are converted to dollar volume by the use of a computed "average realized price." Indexes of sales in small towns and rural areas are based on figures furnished by three mail-order companies for sales by mail only and by a large group of chain units operating in small towns and cities which serve the rural population. Sales of reporting concerns represent about one-fifth of all general merchandise sales in places of less than 30,000 inhabitants. Indexes of variety store sales are based on figures furnished by chain organizations doing more than 75 percent of the business in the variety field. Adjustment has been made for changes in the number of stores operated by these companies so that the indexes reflect sales changes for a constant number of stores. All indexes are computed from dollar sales reduced to a daily average basis. In computing the index of automobile sales, equal weight is given to all days of the month, while in computing the other two indexes, allowance is made for the varying number of business days and the varying sales importance of the different days of the week. In addition, all monthly indexes are adjusted for seasonal changes. No allowance is made for the changing date of Easter

[1929–1931=100]

Year	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AUTOMOBILE RETAIL SALES													
1929	144.1	138.5	136.5	153.5	154.5	146.0	141.5	152.0	148.5	141.5	141.0	132.5	113.0
1930	93.0	110.5	114.5	113.5	103.5	100.5	90.0	83.0	78.0	82.0	76.0	70.5	82.5
1931	62.9	70.5	72.5	74.0	75.0	67.0	61.5	64.5	52.5	49.0	46.5	49.5	60.5
1932	35.5	45.5	44.0	36.0	37.5	37.0	42.5	28.0	30.0	31.0	28.0	28.5	34.0
1933	43.3	41.0	33.0	30.5	30.5	42.5	49.0	52.5	52.0	52.0	53.5	53.0	30.5
1934	57.6	33.5	54.5	64.5	59.0	55.5	63.5	67.0	56.0	53.0	59.0	63.0	49.0
1935	------	75.0	86.5	94.5	78.5	70.0	78.5	81.0	------	------	------	------	------
VARIETY STORE SALES													
1929	107.1	100.2	103.2	105.3	102.3	108.5	106.3	107.9	109.5	107.4	109.9	109.5	111.3
1930	99.0	98.7	100.9	102.8	99.1	97.7	97.0	97.9	97.6	96.9	100.6	98.4	100.4
1931	93.8	94.3	94.4	96.1	97.5	97.0	95.8	98.2	91.1	92.3	91.4	91.8	90.3
1932	80.8	88.8	86.9	84.4	83.5	82.9	81.5	78.9	77.7	81.7	80.1	80.6	71.9
1933	82.5	82.3	78.5	75.2	77.5	78.1	83.2	83.6	86.7	86.4	85.6	85.5	83.3
1934	90.4	94.2	87.5	94.8	87.2	90.0	90.8	89.6	90.3	89.5	90.0	91.5	88.9
1935	------	90.2	90.8	93.0	90.6	86.0	90.7	92.1	------	------	------	------	------
RURAL RETAIL SALES													
1929	124.9	109.9	117.8	138.8	120.0	116.5	127.4	126.0	129.0	134.4	126.6	124.7	125.1
1930	97.8	107.5	108.4	107.1	107.7	105.3	101.0	94.9	95.9	93.2	90.4	87.3	86.5
1931	77.4	85.1	84.2	85.1	86.6	85.8	84.0	82.8	76.5	70.0	65.8	67.7	68.3
1932	63.1	69.3	67.2	65.6	67.2	64.5	64.3	60.7	58.5	61.8	63.2	59.8	58.7
1933	69.2	58.8	56.1	47.5	61.5	64.8	65.7	71.3	75.2	73.9	79.9	85.4	77.7
1934	83.7	79.5	80.7	79.6	73.8	79.7	72.3	75.5	79.2	98.8	89.1	89.8	94.5
1935	------	87.5	90.6	97.4	101.0	93.1	99.5	97.0	------	------	------	------	------

Source: Bureau of Foreign and Domestic Commerce.

34.—CONSTRUCTION

No. 807.—CONSTRUCTION CONTRACTS AWARDED

NOTE.—Data compiled from reports covering contracts awarded in small towns and rural districts as well as large cities. Public works and public utilities cover some projects not susceptible to measurement 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 varied number of States for earlier years have been published in the 1932 and previous issues of this publication

[Values in millions and tenths of millions of dollars; floor space in thousands of square feet]

Year	Total	Residential	Commercial [1]	Factories [2]	Public works	Public utilities [1 2]	Educational	Hospitals and institutions	Public buildings	Religious and memorial	Social and recreational
37 STATES [3]											
Number of projects:											
1925	173,720	127,678	19,083	5,139	9,381	1,802	4,024	929	856	2,426	2,402
1926	170,723	120,473	20,249	5,456	11,461	2,122	3,993	985	995	2,406	2,583
1927	184,604	128,436	21,616	5,361	14,100	2,456	4,497	1,194	1,303	2,751	2,890
1928	200,255	139,133	23,583	5,809	16,876	2,394	4,769	1,141	1,383	2,520	2,657
1929	172,171	110,498	24,136	6,383	16,708	2,661	4,531	1,190	1,303	2,277	2,484
1930	135,269	74,713	22,431	4,675	18,257	3,130	4,771	1,221	1,477	2,044	2,551
1931	110,203	63,834	15,299	2,824	16,393	2,405	3,250	929	1,454	1,560	2,255
1932	76,129	38,057	14,234	2,370	13,821	1,628	1,800	552	974	1,103	1,600
1933	85,217	40,479	18,189	3,776	13,172	2,023	2,197	546	1,304	1,216	2,225
1934	92,528	37,879	20,917	3,708	16,073	2,725	3,945	741	1,812	1,330	2,798
Value of construction:											
1925	6,006.4	2,747.7	872.4	326.6	650.6	415.4	426.4	111.1	54.5	153.1	248.7
1926	6,380.9	2,671.1	920.9	471.2	775.6	564.7	381.1	133.1	67.2	148.8	247.1
1927	6,303.1	2,573.3	932.9	375.9	962.2	419.8	379.8	162.5	79.5	156.5	260.7
1928	6,628.3	2,788.3	884.6	508.8	980.1	484.4	399.0	164.7	76.2	127.9	214.1
1929	5,750.8	1,915.7	929.2	545.9	934.4	524.5	381.9	152.2	120.8	106.1	140.0
1930	4,523.1	1,101.3	616.3	256.6	963.0	700.7	376.1	163.1	139.8	92.8	113.3
1931	3,092.8	811.4	311.1	116.2	875.4	295.7	228.8	121.2	181.3	53.1	98.7
1932	1,351.2	280.1	122.7	43.5	514.7	75.6	82.3	48.4	118.0	27.3	38.7
1933	1,255.7	249.3	99.4	127.5	499.5	103.2	40.0	37.3	50.9	17.7	31.1
1934	1,543.1	248.8	150.6	116.1	625.0	126.2	117.5	37.3	55.7	18.3	47.6
Floor space of buildings:											
1925	920,537	559,501	160,067	66,900	-------	-------	61,308	14,036	8,293	18,869	31,565
1926	872,574	521,061	152,355	75,705	-------	-------	54,505	14,790	7,856	16,371	29,872
1927	838,298	494,563	141,815	68,130	-------	-------	55,475	18,803	9,941	17,191	32,381
1928	956,841	568,383	159,192	92,903	-------	-------	62,983	20,004	11,287	15,398	26,691
1929	779,747	387,671	161,262	105,523	-------	-------	60,644	19,494	12,626	12,817	19,709
1930	494,809	230,039	96,587	48,020	-------	-------	58,550	19,120	17,024	10,802	14,666
1931	357,789	190,274	50,035	20,108	-------	-------	37,372	16,881	24,256	5,578	13,287
1932	152,829	73,607	23,885	9,048	-------	-------	14,234	7,317	16,198	3,517	5,023
1933	143,170	72,783	22,553	18,986	-------	-------	5,953	5,596	9,473	2,633	5,194
1934	149,685	64,255	28,261	17,566	-------	-------	17,864	4,222	9,423	2,648	5,446

[1] Owing to a change in the classification, data for airports have been excluded from the "Commercial" class and included with "Public utilities" beginning 1930. Separate figures for airports are not available prior to 1930.

[2] Owing to a change in the classification figures for the "Factories" class exclude data for power plants for all years and for pipe lines beginning 1929 (separate figures not available for years prior to 1929), which data are included with "Public utilities."

[3] Figures for the 37 States include all except the 11 States in the Mountain and Pacific divisions.

Source: The F. W. Dodge Corporation.

No. 808.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES: BY MONTHS [1]

NOTE.—See headnote, table 807

Month	Value of construction (thousands of dollars)					Floor space of buildings [2] (thousands of square feet)				
	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Total	4,523,115	3,092,850	1,351,159	1,255,708	1,543,108	494,809	357,789	152,829	143,170	149,685
January	323,975	227,956	84,798	83,356	186,464	31,037	24,002	12,301	7,620	9,543
February	317,053	235,405	89,046	52,712	96,716	36,157	28,017	12,123	7,234	7,906
March	456,119	369,981	112,235	59,959	178,348	52,920	37,362	16,728	9,773	14,541
April	482,877	336,925	121,705	56,573	131,157	54,502	38,486	13,675	10,786	13,923
May	457,416	300,079	146,221	77,172	134,364	52,512	33,484	15,561	14,877	14,249
June	600,573	316,148	113,075	102,342	127,055	46,263	32,370	12,189	15,345	13,730
July	306,878	285,997	128,769	82,554	119,662	43,466	32,262	14,134	14,304	13,054
August	346,644	233,106	133,988	105,989	119,592	38,364	29,793	13,659	12,706	13,939
September	331,864	251,110	127,527	120,134	110,151	39,592	29,500	13,271	12,767	12,359
October	336,706	242,094	107,274	145,367	135,225	39,108	30,365	10,896	15,199	14,890
November	253,574	151,196	105,302	162,341	111,692	32,598	20,179	11,525	11,480	12,569
December	249,436	136,852	81,219	207,210	92,685	28,290	16,903	6,768	11,074	8,983

[1] Figures for the 37 States include all except the 11 States in the Mountain and Pacific divisions.
[2] Figures do not include data for floor space for public works and public utilities. Figures for 1929 include data for airports which are not included for later years. See footnote 1, table 807.

Source: The F. W. Dodge Corporation.

No. 809.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES: BY TERRITORIES

NOTE.—See headnote, table 807. New England includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. Metropolitan New York and vicinity includes northern New Jersey, New York City, Long Island, Westchester, Orange, Putnam, and Rockland Counties, N. Y. Up-State New York includes all counties north of Orange, Putnam, and Rockland. Middle Atlantic includes eastern Pennsylvania, southern New Jersey, Maryland, Delaware, District of Columbia, and Virginia. Pittsburgh includes western Pennsylvania, West Virginia, Ohio, and Kentucky. Southern Michigan consists of the southern peninsula. Chicago includes northern Illinois, Indiana, Iowa, and eastern and southern Wisconsin. Central Northwest includes Minnesota, the Dakotas, northern peninsula of Michigan, and northwest Wisconsin. St. Louis includes southern Illinois, eastern Missouri, northeast Arkansas, western Tennessee, and northwest Mississippi. Kansas City includes western Missouri, Kansas, Oklahoma, and Nebraska. Texas includes the State only. New Orleans includes Louisiana, western and southern Arkansas, and eastern and southern Mississippi. Southeastern includes the Carolinas, Georgia, Florida, Alabama, and eastern Tennessee

[Value in thousands of dollars; floor space in thousands of square feet]

Territory	Value				Floor space of buildings [1]			
	1931	1932	1933	1934	1931	1932	1933	1934
Total	3,092,850	1,351,159	1,255,708	1,543,108	357,789	152,829	143,170	149,685
New England	295,019	114,053	120,690	144,861	36,345	15,425	13,982	13,959
Metropolitan New York and vicinity	725,061	190,673	176,618	206,498	106,872	26,819	27,117	25,504
Up-State New York	169,718	75,955	76,671	62,414	15,701	7,868	6,598	6,371
Middle Atlantic	356,807	227,615	136,101	191,018	41,677	30,300	19,982	23,129
Pittsburgh	309,540	151,612	146,866	200,085	32,268	13,633	13,365	12,932
Southern Michigan	90,611	41,715	47,969	54,842	11,206	5,044	4,907	5,578
Chicago	345,583	152,842	121,885	176,174	33,155	13,578	13,800	15,020
Central Northwest	93,815	61,516	44,072	58,590	8,686	4,305	4,325	4,202
St. Louis	120,750	83,077	80,775	95,504	11,680	5,810	7,051	8,035
Kansas City	153,490	76,681	73,751	77,746	14,481	6,241	7,173	7,170
Texas	157,033	56,233	59,652	64,282	16,384	6,943	8,217	8,399
New Orleans	126,484	35,921	43,621	55,902	7,446	4,806	2,857	3,476
Southeastern	148,932	83,260	127,033	155,184	21,888	12,058	13,798	15,910

[1] Figures do not include data for floor space for public works and public utilities.

Source: The F. W. Dodge Corporation.

No. 810.—BUILDING PERMITS ISSUED IN PRINCIPAL CITIES

NOTE.—Figures cover new buildings and repairs to old buildings, but exclude data for installation permits (those for installing boilers, signs, etc.) which are not strictly building operations. These permits are rather numerous, but in value they are of small amount. The number figures represent the number of buildings covered by permits issued (new construction and repairs, etc.), rather than the number of permits. The cities shown had a population of 50,000 or over in 1930. The estimated cost of new buildings only, authorized in 257 identical cities since 1921 is as follows: 1921, $1,573,000,000; 1922, $2,489,000,000; 1923, $3,072,000,000; 1924, $3,208,000,000; 1925, $3,805,000,000; 1926, $3,557,000,000; 1927, $3,138,000,000; 1928, $2,995,000,000; 1929, $2,580,000,000; 1930, $1,451,000,000; 1931, $1,049,000,000; 1932, $379,000,000; 1933, $274,000,000; 1934, $241,000,000. Buildings authorized by permit are not always actually constructed, and the actual cost of those constructed may differ considerably from that originally estimated

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Akron, Ohio	2,421	1,506	908	690	1,078	8,777	1,939	804	689	875
Albany, N. Y.	1,612	1,229	1,172	1,402	1,593	9,004	6,061	3,896	1,521	1,725
Allentown, Pa.	671	428	329	277	271	2,270	968	1,003	674	436
Altoona, Pa.	1,481	1,015	634	511	576	1,369	745	170	119	165
Asheville, N. C.	383	267	201	180	311	422	234	96	150	311
Atlanta, Ga.	3,043	3,239	2,393	1,768	2,387	8,446	3,471	3,520	946	2,508
Atlantic City, N. J.	593	663	1,233	858	756	1,401	843	825	403	502
Augusta, Ga.	980	964	624	457	448	715	732	420	372	794
Austin, Tex.	1,234	1,435	1,104	1,176	1,150	3,335	2,471	5,565	1,609	1,387
Baltimore, Md.	16,943	15,680	12,364	7,978	7,514	27,821	24,691	13,663	7,465	8,948
Bayonne, N. J.	226	240	293	234	215	792	448	195	303	371
Beaumont, Tex.	1,561	1,046	772	725	829	2,606	1,021	711	275	376
Berkeley, Calif.	1,541	1,143	940	749	746	2,988	1,900	1,097	786	642
Bethlehem, Pa.	381	177	113	75	110	1,066	443	239	100	142
Binghamton, N. Y.	2,314	2,590	2,654	2,835	2,304	2,255	969	1,484	864	1,338
Birmingham, Ala.	2,542	1,716	1,240	919	2,637	2,420	1,037	699	515	965
Boston, Mass.[1]	7,496	7,694	5,964	5,513	5,317	26,906	33,908	11,695	7,562	9,382
Bridgeport, Conn.	1,140	938	581	484	471	2,618	2,753	1,249	566	678
Brockton, Mass.	772	614	482	404	344	1,113	830	495	326	206
Buffalo, N. Y.	3,763	3,568	2,240	1,919	1,757	14,825	9,338	4,067	2,371	2,643
Cambridge, Mass.	773	650	490	513	633	11,063	4,991	1,977	1,321	595
Camden, N. J.	832	609	301	311	295	2,582	1,130	445	223	501
Canton, Ohio	930	627	319	333	559	1,585	640	378	88	343
Cedar Rapids, Iowa	1,227	1,177	1,004	1,001	1,062	2,032	1,606	436	416	1,516
Charleston, S. C.	433	400	466	330	348	1,103	414	244	361	677
Charleston, W. Va.	456	325	381	324	277	6,881	1,050	491	230	274
Charlotte, N. C.	824	641	397	279	360	2,588	1,318	602	736	792
Chattanooga, Tenn.	2,978	2,349	1,622	1,706	2,338	2,934	1,230	2,185	631	625
Chester, Pa.	252	146	61	68	56	1,139	681	126	63	232
Chicago, Ill.	10,380	6,619	3,872	3,166	3,201	85,749	66,694	12,881	5,729	10,176
Cicero, Ill.	241	142	93	74	64	1,117	1,071	66	57	159
Cincinnati, Ohio	6,667	5,395	3,861	3,687	3,788	33,161	21,467	7,820	4,194	4,587
Cleveland, Obio	7,637	6,645	3,612	3,005	2,871	32,554	11,991	12,043	2,750	3,262
Columbia, S. C.	585	559	505	292	319	1,903	2,073	631	143	930
Columbus, Ohio	2,504	1,738	1,074	908	952	5,616	3,369	1,868	2,136	862
Covington, Ky.	343	347	212	123	182	629	761	197	160	134
Dallas, Tex.	3,325	3,071	2,409	3,044	2,594	11,028	4,348	2,222	1,821	2,551
Davenport, Iowa	1,557	1,493	1,157	2,237	1,360	2,462	1,252	712	432	355
Dayton, Ohio	1,697	1,396	744	640	603	5,958	2,895	939	598	1,426
Decatur, Ill.	447	252	158	136	136	1,991	781	179	158	845
Denver, Colo.	5,043	4,183	3,523	3,421	2,948	7,648	6,826	3,001	1,881	2,265
Des Moines, Iowa	1,113	1,171	953	899	879	4,011	3,033	1,895	751	1,489
Detroit, Mich.	15,313	10,082	5,159	4,079	5,454	48,369	23,435	8,740	4,053	8,889
Duluth, Minn.	1,390	1,472	919	920	1,157	2,168	948	1,352	1,014	604
Durham, N. C.	233	191	152	199	261	1,047	693	667	538	676
East Chicago, Ind.	367	215	58	117	[2] 76	1,801	605	76	184	[2] 151
East Orange, N. J.	678	644	353	444	834	2,627	1,411	665	258	490
East St. Louis, Ill.	566	468	321	279	267	1,365	1,052	272	192	238
Elizabeth, N. J.	433	292	216	401	265	2,384	2,348	385	618	273
El Paso, Tex.	1,123	697	419	361	383	2,937	949	376	281	255
Erie, Pa.	1,480	1,220	685	484	421	3,302	2,711	673	544	280
Evanston, Ill.	513	354	224	183	213	3,103	3,251	789	400	742
Evansville, Ind.	1,639	1,055	814	1,224	917	1,761	1,188	485	281	644
Fall River, Mass.	561	537	428	378	393	1,189	697	447	183	282
Flint, Mich.	3,104	2,103	992	1,094	2,259	3,994	1,966	262	420	702
Fort Wayne, Ind.	1,351	1,311	595	439	496	3,099	3,188	1,023	761	451
Fort Worth, Tex.	2,616	1,923	1,325	922	903	10,463	6,345	1,432	2,626	1,405
Fresno, Calif.	1,496	1,437	1,088	964	1,204	1,383	1,007	893	546	796
Galveston, Tex.	1,376	1,371	1,454	1,083	1,328	1,717	2,543	877	454	484
Gary, Ind.	743	340	89	131	145	1,177	983	130	113	221
Grand Rapids, Mich.	2,640	1,664	1,002	700	805	2,922	1,147	1,513	415	454
Greensboro, N. C.	471	511	393	360	422	766	1,135	209	256	621

[1] Applications filed. [2] For 10 months only; November and December not available.

No. 810.—Building Permits Issued in Principal Cities—Continued

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Hamilton, Ohio	502	325	361	142	360	1,552	467	703	64	742
Hammond, Ind	704	345	190	194	223	1,876	3,314	152	190	279
Hamtramck, Mich	322	228	118	140	206	1,299	121	54	202	274
Harrisburg, Pa	676	482	350	289	236	2,519	2,001	695	464	352
Hartford, Conn	1,339	1,331	1,116	1,186	1,534	6,365	4,847	2,068	864	1,882
Highland Park, Mich	235	142	132	120	151	624	117	81	57	160
Hoboken, N. J	272	289	227	271	326	828	567	486	166	165
Holyoke, Mass	250	243	149	149	156	1,703	766	237	185	584
Houston, Tex	2,741	2,261	963	1,480	2,085	17,205	11,863	2,573	3,034	4,698
Huntington, W. Va	201	236	237	169	205	770	1,096	202	212	179
Indianapolis, Ind	4,919	3,229	2,160	2,014	2,922	7,451	9,339	2,546	1,699	2,707
Irvington, N. J	445	380	242	164	142	1,700	1,749	366	199	149
Jackson, Mich	736	506	280	226	234	698	410	374	184	83
Jacksonville, Fla	2,103	2,288	2,381	3,171	4,186	2,410	1,847	2,344	1,530	2,160
Jersey City, N. J	835	725	571	458	634	12,167	1,991	1,171	1,130	867
Johnstown, Pa	412	327	214	216	340	696	605	139	82	126
Kalamazoo, Mich	973	742	493	444	507	1,172	1,085	202	238	517
Kansas City, Kans	678	596	358	381	340	1,350	667	288	193	264
Kansas City, Mo	1,508	1,396	708	583	525	15,663	8,291	1,961	943	1,423
Kenosha, Wis	522	387	210	190	203	1,484	646	248	115	184
Knoxville, Tenn	667	526	316	296	396	3,627	1,035	1,415	475	1,072
Lakewood, Ohio	456	391	311	227	223	1,482	797	404	183	304
Lancaster, Pa	520	410	202	115	249	1,381	538	362	141	208
Lansing, Mich	722	470	329	282	474	2,065	1,209	523	108	394
Lawrence, Mass	236	350	180	199	230	618	892	235	192	754
Lincoln, Nebr	609	627	394	641	1,188	1,598	1,745	340	358	567
Little Rock, Ark	1,496	848	742	733	1,185	2,251	2,771	398	205	456
Long Beach, Calif	4,502	3,304	2,449	9,320	3,537	13,058	4,472	3,101	6,384	2,565
Los Angeles, Calif	30,614	25,311	17,122	15,873	15,966	75,357	41,422	17,786	15,396	14,988
Louisville, Ky	1,756	1,174	898	695	849	6,937	5,585	2,415	1,627	2,309
Lowell, Mass	663	537	434	405	392	1,147	627	167	251	238
Lynn, Mass	1,041	802	626	523	457	2,972	1,521	740	418	444
Macon, Ga	674	501	420	391	333	777	564	585	557	644
Madison, Wis	845	685	398	377	466	2,348	1,345	608	312	716
Malden, Mass	475	495	328	237	271	1,133	985	252	144	275
Manchester, N. H	1,095	1,045	996	782	804	765	826	717	382	392
McKeesport, Pa	1,231	815	404	338	416	1,052	632	349	136	164
Medford, Mass	625	608	303	242	192	1,656	2,243	461	326	279
Memphis, Tenn	3,693	2,717	2,059	1,811	2,131	9,501	3,334	1,809	1,625	1,516
Miami, Fla	3,032	2,970	2,354	2,382	4,124	1,917	3,097	1,197	1,722	2,711
Milwaukee, Wis	4,939	3,892	2,165	1,791	2,191	25,285	12,634	4,147	2,207	2,814
Minneapolis, Minn	5,932	5,861	3,889	3,020	3,035	13,449	12,390	6,991	2,821	3,218
Mobile, Ala	680	443	343	432	591	1,100	881	639	385	807
Montgomery, Ala	1,558	1,194	829	889	1,547	1,274	820	1,187	586	1,183
Mt. Vernon, N. Y	596	516	293	216	189	4,197	3,819	677	608	459
Nashville, Tenn	2,062	1,580	1,273	1,016	818	5,517	4,403	1,124	1,829	1,359
Newark, N. J	1,882	1,593	1,025	857	803	12,379	6,456	5,410	4,594	2,695
New Bedford, Mass	520	542	423	500	493	982	471	194	233	440
New Britain, Conn	592	535	403	379	556	896	1,000	317	261	750
New Haven, Conn	1,193	1,003	749	626	529	15,924	9,491	2,449	1,910	2,067
New Orleans, La	1,227	1,323	1,047	853	851	5,487	5,526	3,406	1,251	1,422
New Rochelle, N. Y	609	485	288	218	178	5,669	4,340	715	525	382
Newton, Mass	1,048	915	511	567	555	5,870	4,882	1,341	1,680	2,227
New York, N. Y.:										
Borough of Bronx [1]	7,507	7,183	5,956	6,640	6,713	56,116	55,399	8,881	20,770	11,458
Borough of Brooklyn [1]	11,503	11,396	8,350	10,222	11,401	70,632	75,534	20,396	19,008	21,110
Borough of Manhattan [1]	3,396	3,202	2,487	2,991	3,861	198,445	137,371	30,496	28,204	44,807
Borough of Queens [1]	17,583	18,899	12,049	11,530	11,798	77,344	76,754	15,982	14,802	14,825
Borough of Richmond [1]	2,539	2,217	1,592	1,477	1,540	7,629	7,805	3,097	3,777	4,462
Niagara Falls, N. Y	1,640	1,305	1,013	897	824	3,736	1,249	904	441	1,006
Norfolk, Va	1,092	1,142	966	758	686	2,603	1,640	3,091	1,087	1,435
Oakland, Calif	3,154	2,784	2,023	1,722	2,794	9,086	7,223	2,266	1,945	2,689
Oak Park, Ill	315	240	119	112	139	1,861	1,249	600	126	327
Oklahoma City, Okla	3,270	1,796	859	625	843	26,412	19,019	7,176	2,934	1,719
Omaha, Nebr	854	1,017	740	770	861	5,121	3,915	2,228	1,100	1,907
Pasadena, Calif	4,040	3,285	2,978	2,725	2,868	5,886	4,460	1,220	994	1,721
Passaic, N. J	709	629	569	470	687	2,099	604	451	355	471
Paterson, N. J	1,785	1,477	1,066	947	1,008	2,088	1,548	1,177	736	724
Pawtucket, R. I	597	525	256	295	346	1,847	962	288	273	909

[1] Applications filed.

No. 810.—Building Permits Issued in Principal Cities—Continued

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1930	1931	1932	1933	1934	1930	1931	1932	1933	1934
Peoria, Ill.	1,150	807	497	506	532	3,436	2,515	584	1,877	934
Philadelphia, Pa.	6,430	5,491	4,144	3,577	3,524	53,142	35,265	17,863	12,099	8,284
Pittsburgh, Pa.	5,115	4,059	2,401	2,317	2,150	20,730	19,386	9,135	2,695	2,443
Pontiac, Mich.	572	444	193	206	299	1,280	341	77	67	170
Port Arthur, Tex.	1,070	626	398	[3] 243	[4] 459	2,490	905	87	[3] 44	[4] 223
Portland, Me.	1,173	1,117	922	685	754	1,587	1,254	1,067	537	451
Portland, Oreg.	6,041	4,823	3,435	3,185	3,053	12,063	7,156	2,982	2,885	2,358
Providence, R. I.	4,835	4,720	4,004	3,500	3,578	10,742	7,918	2,189	2,326	1,711
Pueblo, Colo.	1,028	736	424	406	474	538	454	129	97	165
Quincy, Mass.	1,438	1,312	904	864	712	2,724	1,783	687	496	379
Racine, Wis.	723	333	134	142	182	3,924	1,757	205	100	160
Reading, Pa.	2,417	1,543	843	644	706	2,474	2,772	478	327	1,329
Richmond, Va.	1,668	1,543	1,119	1,005	1,244	5,951	3,054	1,096	1,025	1,803
Roanoke, Va.	499	422	293	278	292	2,606	1,113	257	1,592	167
Rochester, N. Y.	2,490	2,291	1,785	1,359	1,294	8,011	6,303	3,557	2,078	3,724
Rockford, Ill.	1,039	583	249	218	309	2,908	647	732	120	320
Sacramento, Calif.	1,636	1,377	1,373	1,147	923	3,029	3,787	2,339	1,349	1,732
Saginaw, Mich.	1,054	825	542	507	637	2,690	485	288	219	337
St. Joseph, Mo.	470	453	274	235	165	1,620	431	220	241	418
St. Louis, Mo.	8,120	6,754	4,387	3,546	3,650	17,322	16,620	4,414	13,068	5,269
St. Paul, Minn.	3,780	3,959	2,813	2,750	2,566	10,682	12,652	2,790	4,566	2,343
Salt Lake City, Utah.	948	968	518	528	967	4,274	3,462	540	571	1,177
San Antonio, Tex.	3,234	2,586	2,023	1,538	1,707	8,488	3,272	1,638	2,310	1,754
San Diego, Calif.	3,219	2,831	2,067	1,874	1,858	5,426	5,811	2,592	2,539	2,746
San Francisco, Calif.	4,951	5,251	3,931	3,439	2,935	22,414	21,442	16,405	58,198	7,112
San Jose, Calif.	755	811	583	558	676	3,403	1,803	1,230	1,152	1,323
Savannah, Ga.	187	276	181	918	221	1,069	450	155	473	391
Schenectady, N. Y.	1,390	1,050	754	795	976	5,339	1,300	599	660	564
Scranton, Pa.	826	744	652	594	618	3,190	1,378	2,126	458	664
Seattle, Wash.	6,577	5,714	3,677	2,980	3,133	30,356	12,483	3,257	1,953	2,318
Shreveport, La.	1,924	1,687	1,332	1,198	1,818	1,542	1,800	455	1,337	1,865
Sioux City, Iowa.	705	668	328	315	310	3,412	1,571	1,141	377	1,145
Somerville, Mass.	555	559	395	354	323	1,880	980	556	234	252
South Bend, Ind.	1,760	1,074	665	470	577	3,709	1,329	493	285	228
Spokane, Wash.	2,169	1,757	1,334	1,209	1,325	3,641	2,176	506	808	754
Springfield, Ill.	964	850	602	395	247	3,179	2,329	714	636	418
Springfield, Mass.	1,062	827	589	507	513	5,703	2,948	1,021	747	988
Springfield, Mo.	426	347	329	403	406	1,115	2,283	361	325	440
Springfield, Ohio.	651	428	231	194	267	777	1,194	445	60	217
Syracuse, N. Y.	1,532	1,268	657	590	576	5,399	7,000	1,598	646	1,241
Tacoma, Wash.	1,621	1,278	800	615	706	4,070	2,002	432	534	459
Tampa, Fla.	2,337	2,642	2,065	1,937	1,985	1,302	741	414	407	440
Terre Haute, Ind.	879	675	507	438	439	687	228	615	192	1,125
Toledo, Ohio.	2,637	1,822	898	921	998	10,405	2,205	493	401	2,448
Topeka, Kans.	684	591	435	453	436	2,425	2,305	909	260	305
Trenton, N. J.	580	565	399	438	443	2,449	2,421	707	411	675
Troy, N. Y.	713	556	451	467	428	3,024	2,201	723	470	674
Tulsa, Okla.	2,360	1,501	714	646	690	8,356	4,389	513	514	1,008
Union City, N. J.	497	534	389	355	357	887	1,075	624	170	261
Utica, N. Y.	552	326	207	166	225	1,350	1,134	533	619	1,317
Waco, Tex.	360	312	319	252	191	1,154	1,779	327	257	206
Washington, D. C.	4,605	5,819	4,492	3,819	4,548	48,824	52,688	59,927	8,539	20,929
Waterbury, Conn.	541	438	290	281	338	2,037	1,187	309	286	640
Wheeling, W. Va.	528	421	271	273	422	1,121	645	318	343	429
Wichita, Kans.	1,762	1,732	652	560	811	6,308	2,340	1,195	351	707
Wilkes-Barre, Pa.	774	696	601	561	612	1,669	1,170	780	719	438
Wilmington, Del.	1,407	1,055	559	573	584	4,017	3,297	1,382	2,118	1,156
Winston-Salem, N.C.	1,217	1,027	584	553	706	1,602	852	403	246	352
Worcester, Mass.	1,063	1,304	950	932	1,103	6,341	5,592	1,583	1,162	1,306
Yonkers, N. Y.	1,134	1,205	810	663	669	9,887	10,014	2,595	2,146	942
York, Pa.	830	891	674	672	694	1,679	792	235	392	432
Youngstown, Ohio.	1,029	768	473	587	694	2,801	1,464	595	543	449

[3] For 7 months only; August to December not available.
[4] For 11 months only; December not available.

Source: Bureau of Labor Statistics, Department of Labor.

No. 811.—BUILDING PERMITS ISSUED, BY CLASSES

NOTE.—See headnote, table 810. Figures represent 819 identical cities

Class of building	Number of buildings		Percentage change	Proposed cost (1,000 dollars)		Percentage change
	1933	1934		1933	1934	
Grand total, all buildings	327,288	351,221	+7.3	467,057	492,631	+5.5
Total new buildings	90,321	66,715	−4.0	336,550	323,721	−3.8
New residential buildings	24,304	21,990	−9.5	123,687	107,942	−12.7
1-family dwellings	22,358	20,396	−8.8	84,988	78,994	−7.1
2-family dwellings	1,267	977	−22.9	7,134	5,841	−18.1
1-family and 2-family dwellings with stores	259	216	−16.6	1,312	1,013	−22.8
Multifamily dwellings	364	320	−12.1	28,828	18,947	−34.3
Multifamily dwellings with stores	17	23	+35.3	209	511	+145.0
Hotels	2	3	+50.0	103	160	+56.1
Lodging houses	15	6	−60.0	104	24	−76.6
Other	22	49	+122.7	1,010	2,451	+142.7
New nonresidential buildings	66,017	64,725	−2.0	212,863	215,779	+1.4
Amusement buildings	437	603	+38.0	5,297	10,277	+94.0
Churches	324	401	+23.8	5,743	5,808	+1.1
Factories and workshops	1,046	1,163	+11.2	20,653	18,151	−12.1
Public garages	*380*	*515*	*+35.5*	*2,006*	*3,363*	*+67.7*
Private garages	40,938	37,935	−7.3	9,256	9,104	−1.6
Service stations	3,057	3,002	−1.8	7,063	9,521	+34.8
Institutions	87	124	+42.5	20,804	13,034	−37.5
Office buildings	111	164	+47.7	5,552	14,371	+158.8
Public buildings	169	351	+107.7	36,889	41,432	+12.3
Public works and utilities	251	393	+56.6	57,535	14,559	−74.7
Schools and libraries	98	482	+391.8	11,866	36,530	+207.8
Sheds	12,863	12,378	−3.8	3,231	3,441	+6.5
Stables and barns	496	686	+38.3	407	1,121	+175.3
Stores and warehouses	5,215	5,424	+4.0	25,459	33,505	+31.6
All other	545	1,104	+102.6	1,044	1,562	+49.6
Additions, alterations, and repairs	236,967	204,506	+11.6	130,506	168,910	+29.4

Source: Bureau of Labor Statistics, Department of Labor.

No. 812.—INDEX NUMBERS OF BUILDING-MATERIAL PRICES AND CONSTRUCTION COSTS

[Monthly average 1923–1925=100]

Year	Wholesale price indexes [1]							Construction costs [6]	Factory building costs
	All building materials	Lumber	Brick and tile [2]	Portland cement, plant [3]	Structural steel [4]	Paint and paint materials [5]	Other building materials		
1913	54.4	52.0	38.0	56.5	68.0	49.1	61.1	47.1	-------
1914	50.6	48.0	37.9	52.2	52.9	49.0	57.8	41.8	50.5
1915	51.3	46.9	38.2	48.4	57.6	53.0	63.0	43.7	-------
1916	*64.9*	*53.0*	*41.4*	*62.0*	*113.7*	*74.6*	*85.0*	*69.5*	-------
1917	84.6	69.5	49.0	76.2	168.3	92.2	110.4	85.4	-------
1918	94.6	80.4	65.1	89.8	135.1	117.9	117.1	89.2	-------
1919	110.9	108.8	89.7	97.1	113.5	135.7	113.1	93.5	-------
1920	144.0	159.0	115.6	111.2	127.3	143.2	130.7	118.5	-------
1921	93.5	85.6	103.2	105.1	92.1	81.1	107.6	95.1	90.1
1922	93.4	95.4	97.1	98.2	78.0	90.7	92.3	82.3	85.9
1923	104.3	107.6	101.2	102.4	109.1	98.0	102.1	100.9	101.9
1924	98.2	95.6	101.0	100.3	100.7	96.4	100.7	101.6	100.1
1925	97.6	96.8	97.8	97.3	90.1	105.7	97.2	97.5	98.1
1926	96.0	96.2	97.7	94.9	88.2	96.7	96.8	98.1	99.5
1927	90.9	89.6	93.5	91.7	83.5	93.1	92.4	97.3	97.2
1928	90.3	87.1	93.4	91.0	84.0	90.0	93.6	97.5	96.4
1929	91.6	90.3	92.1	87.1	86.5	91.8	94.6	97.6	[7] 95.9
1930	86.3	82.6	87.7	87.1	77.0	87.5	90.3	95.7	[7] 94.3
1931	76.0	66.9	81.6	75.3	73.3	76.8	82.1	85.5	[7] 88.8
1932	68.5	56.3	75.5	73.2	71.3	68.8	77.0	74.0	[7] 84.8
1933	*73.9*	*68.0*	*77.3*	*81.7*	*73.3*	*70.9*	*80.1*	*80.3*	[7] 85.8
1934	82.7	81.3	88.1	88.4	80.1	76.9	87.4	93.4	[7] 89.3

[1] Beginning 1926 the indexes, except for Portland cement and structural steel, have been revised to include additional items not previously included; the "All building materials" index also includes plumbing and heating equipment (not shown separately in this table) for which data are not available prior to 1926.
[2] Excludes tile prior to 1926. [3] Composite price. [4] Pittsburgh district. [5] Excludes paint prior to 1926.
[6] Based upon the cost of lumber, steel, cement, and the rates paid common labor.
[7] Average of March, June, September, and December.

Sources: Wholesale prices, Department of Labor; Construction costs, Engineering News-Record; Standard factory building costs, Aberthaw Construction Co.

No. 813.—CONSTRUCTION PROJECTS FINANCED FROM PUBLIC WORKS ADMINISTRATION FUNDS AND FROM REGULAR GOVERNMENTAL APPROPRIATIONS: VALUE OF CONTRACTS AWARDED AND FORCE-ACCOUNT PROJECTS STARTED

NOTE.—In thousands of dollars. In the case of Federal projects financed from Public Works funds the entire amount is allotted to Federal departments or agencies. The work is performed by commercial firms under contracts or, if a force-account project (no contract let), by day labor hired directly by the Federal agencies. In the case of allotments to States and local governments for non-Federal projects the Public Works Administration makes a direct grant of not more than 30 percent of the total construction cost. The public agency finances the other 70 percent, in some cases through loans at interest from the Public Works Administration. Commercial allotments are in the form of loans and for the most part have been made to railroads

Year and geographic division	Federal projects financed from public works funds									
	Total	Building construction	Public roads	River, harbor, and flood-control projects	Streets and roads [1]	Naval vessels	Reclamation projects	Forestry	Water and sewerage systems	Miscellaneous
1933, June to December	640,514	50,605	181,876	117,599	17,704	191,875	57,975	8,885	1,979	12,018
1934, total	[2] 636,247	59,884	264,955	133,399	14,654	38,800	[2] 86,866	3,560	3,891	[2] 30,338
New England	18,724	3,711	10,047	1,979	196	731	44	96	61	1,864
Middle Atlantic	74,994	11,541	30,756	4,651	385	20,420	100	30	240	6,871
East North Central	68,728	5,017	41,061	13,649	226	76	1,042	895	248	6,514
West North Central	69,915	2,562	39,371	24,381	1,189	-------	1,249	99	233	831
South Atlantic	98,551	17,469	33,782	18,565	3,722	16,752	2,141	184	1,598	4,337
East South Central	35,463	2,052	25,857	5,282	552	-------	1,027	117	134	443
West South Central	48,992	3,902	29,430	11,519	621	11	2,000	89	261	1,167
Mountain	120,948	5,993	33,654	31,430	4,659	-------	39,940	485	749	4,036
Pacific	90,197	3,837	21,008	18,704	2,378	716	38,969	1,564	160	2,861
Outside cont'l. U. S.	9,674	3,000	-------	3,239	731	92	344	-------	6	1,361

Year and geographic division	Non-Federal projects financed from public works funds						Federal projects financed from regular appropriations [3]			
	Total	Building construction	Streets and roads [1]	Water and sewerage systems	Railroad construction and repair	Miscellaneous	Total [4]	Building construction	River, harbor, and flood-control projects	Naval vessels
1933, June to December	60,581	24,480	8,770	26,215	-------	1,117	-------	-------	-------	-------
1934, total	529,422	170,383	50,243	100,906	198,181	9,709	[2] 147,453	15,388	7,987	114,151
New England	49,977	20,453	12,474	7,812	7,837	1,401	39,335	228	75	38,879
Middle Atlantic	182,450	59,575	8,907	10,490	103,301	177	38,550	6,881	294	31,251
East North Central	78,730	12,539	4,130	29,358	31,781	921	3,980	2,709	452	-------
West North Central	51,979	24,117	6,348	13,897	4,308	3,310	2,328	608	38	-------
South Atlantic	68,036	17,756	7,900	11,432	29,359	1,089	28,632	3,217	259	23,965
East South Central	18,367	5,444	707	4,554	7,581	81	2,281	369	1,473	-------
West South Central	24,262	10,693	1,630	6,891	3,543	1,505	5,376	357	4,591	-------
Mountain	15,524	4,308	1,711	5,572	3,693	240	2,605	60	3	-------
Pacific	38,423	15,301	6,436	9,645	6,279	761	22,835	417	804	19,412
Outside cont'l. U. S.	1,675	196	-------	1,255	-------	224	1,496	535	-------	644

[1] Except those reported by Bureau of Public Roads.
[2] Includes small amounts not allocated by divisions.
[3] Data are for July–December 1934.
[4] Includes small amounts for classes not shown separately.
Source: Bureau of Labor Statistics, Department of Labor.

No. 814.—RESIDENTIAL STRUCTURES IN 64 CITIES, 1934 [1]

Item	Number	Percent	Item	Number	Percent	Item	Number	Percent
Persons inventoried	9,074,783	100.0	Dwelling units by type	2,633,135	100.0	Owner-occupied	1,035,927	39.3
Families	2,612,107	100.0	Single family	1,536,806	58.4	Owned free	390,537	37.7
Structures by type	1,931,055	100.0	2-family	501,340	19.0	Mortgaged	498,382	48.1
Single-family	1,536,806	79.6	3-family	79,302	3.0	Not reported	147,008	14.2
2-family	250,670	13.0	4-family	86,676	3.3	Rental units	1,597,208	60.7
3-family	26,434	1.4	Row house	34,218	1.3	Under $15	540,352	33.9
4-family	21,669	1.1	Apartment	246,946	9.4	$15 to $30	697,695	43.7
Row house	7,051	.4	Other	147,847	5.6	$30 and over	358,661	22.5
Apartment	22,053	1.1	Occupied	2,428,907	92.2	Dwelling units equipped with		
Other	66,372	3.4	Very spacious	703,635	29.0	Furnace or boiler	1,141,142	43.3
Condition of structure:			Spacious	655,108	27.0	Mechanical refrigeration	447,135	17.0
Good	726,245	37.6	Adequate	651,840	26.8	Gas for cooking	1,828,463	69.4
Minor repairs	857,326	44.4	Crowded	379,434	15.6	Electricity for lighting	2,386,880	90.6
Major repairs	301,740	15.6	Over-crowded	29,283	1.2	Tub and/or shower	2,627,849	99.8
Unfit for use	43,901	2.3	Greatly overcrowded	6,120	.3			
Not reported	1,843	.1	Not reported	3,489	.1			
			Vacant	204,228	7.8			

[1] Totals of selected items shown for individual cities in table 815. See also headnote of that table.
Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 815.—RESIDENTIAL STRUCTURES IN 64 CITIES: SELECTED

NOTE.—The cities included in the real property inventory were selected from every State in the Union population of 11,000 to more than 1,000,000. The total population of the areas canvassed constituted ings with residential units except hotels, clubs, rooming houses, and summer cottages.

	City	Total number of persons inventoried	Total number of families	Total number of structures	Dwelling units			Owner-occupied units			Total number of rental units
					Total number	Percent of total occupied	Percent of occupied units crowded [1]	Total number	Percent of total [2]		
									Owned free	Mortgaged	
1	Albuquerque, N. Mex. [4]	26,375	7,490	6,458	7,820	92.4	26.7	3,103	46.3	39.2	4,627
2	Asheville, N. C. [4]	45,060	12,547	10,833	12,584	88.7	21.1	3,529	49.8	43.8	9,055
3	Atlanta, Ga.	353,093	98,593	89,267	95,582	92.7	29.5	26,880	36.8	51.5	68,702
4	Austin, Tex. [4]	55,487	15,554	12,849	14,407	97.3	27.1	6,167	48.2	34.5	8,240
5	Baton Rouge, La. [4]	28,339	7,725	6,951	7,692	93.6	24.1	2,396	47.8	38.6	5,296
6	Binghamton, N. Y.	118,847	32,701	21,757	32,409	96.1	11.3	14,650	32.5	42.9	17,759
7	Birmingham, Ala.	356,871	101,225	82,704	101,721	90.2	30.0	27,223	46.3	49.3	74,498
8	Boise, Idaho [4]	20,697	6,522	5,167	6,477	95.1	17.0	2,910	55.9	36.7	3,567
9	Burlington, Vt. [4]	24,904	6,648	4,252	6,618	94.9	16.3	2,590	37.5	36.5	4,028
10	Butte, Mont. [4]	29,300	9,522	7,358	10,727	84.1	17.9	4,084	67.9	15.0	6,643
11	Casper, Wyo. [4]	16,007	5,056	4,227	5,619	87.6	20.9	2,024	55.1	36.8	3,595
12	Charleston, S. C. [4]	60,744	17,511	10,759	17,911	92.7	40.4	3,324	45.9	15.0	14,587
13	Cleveland, Ohio	1,132,556	313,298	202,569	319,181	91.5	13.6	122,829	29.4	67.9	196,352
14	Columbia, S. C. [4]	46,651	12,361	10,009	12,188	94.7	32.4	3,174	38.3	43.2	9,014
15	Dallas, Tex.	292,773	84,829	66,813	83,628	93.0	23.2	28,578	39.8	47.6	55,050
16	Decatur, Ill. [4]	55,705	16,603	14,662	16,407	94.0	14.0	7,205	40.4	44.2	9,202
17	Des Moines, Iowa	152,089	45,277	37,341	44,858	94.7	15.4	20,173	46.5	48.9	24,685
18	Erie, Pa.	118,128	31,335	25,194	33,179	89.3	13.0	14,481	36.7	40.8	18,698
19	Fargo, N. Dak. [4]	26,901	7,250	5,209	7,467	93.6	28.2	2,733	38.8	46.2	4,734
20	Frederick, Md. [4]	13,931	4,019	2,635	3,785	97.6	12.7	1,609	22.9	10.3	2,176
21	Greensboro, N. C. [4]	51,408	12,887	11,000	12,061	96.1	26.9	3,547	44.9	51.2	8,514
22	Hagerstown, Md. [4]	30,626	8,404	5,035	8,149	94.7	13.6	2,687	34.8	30.4	5,462
23	Indianapolis, Ind.	403,033	124,415	94,807	126,029	89.1	13.3	45,510	32.8	57.7	80,519
24	Jackson, Miss. [4]	43,883	12,614	9,503	11,422	98.2	27.2	3,590	29.8	40.3	7,832
25	Jacksonville, Fla.	149,085	43,720	35,530	42,522	90.6	20.8	11,757	49.9	39.7	30,765
26	Kenosha, Wis. [4]	53,015	13,978	11,058	13,843	95.6	15.2	6,787	25.4	53.6	7,056
27	Knoxville, Tenn.	128,082	33,435	29,188	32,275	93.9	30.0	12,120	58.3	38.2	20,155
28	Lansing, Mich. [4]	73,609	21,453	18,144	20,815	95.9	8.9	9,347	37.6	54.2	11,468
29	Lincoln, Nebr. [4]	77,262	22,053	18,780	23,242	92.3	13.8	10,670	48.2	41.6	12,572
30	Little Rock, Ark.	97,056	28,291	25,161	27,792	93.0	22.8	10,273	51.1	42.4	17,519
31	Minneapolis, Minn.	470,273	135,293	95,859	140,317	91.5	14.9	59,226	32.9	47.2	81,091
32	Nashua, N. H. [4]	30,064	8,200	4,646	7,969	94.9	15.5	2,906	30.9	31.9	5,063
33	Oklahoma City, Okla.	178,638	53,393	40,093	49,714	96.2	25.4	18,270	34.0	58.5	31,444
34	Paducah, Ky. [4]	31,626	9,576	7,765	9,029	94.3	28.4	3,029	44.2	16.9	6,000
35	Peoria, Ill.	125,715	37,621	31,146	35,862	96.4	15.1	18,108	41.6	51.0	17,754
36	Phoenix, Ariz. [4]	43,884	14,035	10,519	14,392	92.9	18.8	4,090	35.4	50.7	10,302
37	Portland, Maine [4]	62,808	18,179	10,475	19,689	88.2	12.6	5,915	36.4	23.6	13,774
38	Portland, Oreg.	329,060	111,052	93,526	115,270	91.2	8.1	55,412	48.7	48.6	59,858
39	Providence, R. I.	624,469	164,977	99,707	170,175	92.3	16.9	62,048	22.4	40.3	108,127
40	Pueblo, Colo. [4]	40,901	12,287	10,882	12,723	91.7	18.7	5,841	36.8	27.1	6,882
41	Racine, Wis. [4]	72,866	19,776	15,565	20,253	92.9	12.0	10,028	26.8	52.7	10,225
42	Reno, Nev. [4]	15,763	5,628	4,652	6,194	87.7	10.7	2,406	50.1	36.8	3,788
43	Richmond, Va.	207,295	56,975	41,201	54,957	91.8	20.1	19,987	42.3	46.7	34,970
44	Sacramento, Calif.	107,157	34,664	28,292	36,505	90.0	13.3	16,454	38.6	48.4	20,051
45	St. Joseph, Mo.	66,007	20,051	16,686	19,932	92.4	16.9	7,778	56.4	35.6	12,154
46	St. Paul, Minn.	309,654	88,634	65,174	86,206	94.1	14.6	42,158	47.6	38.0	44,048
47	Salt Lake City, Utah	177,466	47,959	37,858	48,175	92.7	27.7	23,507	44.1	50.8	24,668
48	San Diego, Calif.	173,486	61,139	52,565	63,695	91.0	8.9	24,799	49.5	43.9	38,896
49	Santa Fe, N. Mex. [4]	9,058	2,639	2,145	2,720	91.6	35.5	1,219	57.5	27.2	1,501
50	Seattle, Wash.	380,561	128,310	102,017	135,609	89.8	10.3	60,331	47.8	48.0	75,278
51	Shreveport, La. [4]	74,860	22,288	19,722	21,872	92.4	23.9	7,032	41.7	51.9	14,840
52	Sioux, Falls, S. Dak. [4]	34,173	9,468	7,561	9,240	96.8	20.5	3,950	44.7	48.4	5,290
53	Springfield, Mo. [4]	55,855	17,313	14,801	16,200	95.2	19.6	7,414	49.0	44.7	8,786
54	Syracuse, N. Y.	228,359	64,220	43,509	65,184	93.2	9.5	27,429	19.6	54.9	37,755
55	Topeka, Kans.	63,736	19,562	16,390	19,092	95.3	14.1	9,148	51.2	42.2	9,944
56	Trenton, N. J.	168,525	43,146	26,556	42,801	94.3	13.4	21,365	17.6	41.7	21,436
57	Waterbury, Conn.	115,046	29,660	16,060	30,304	93.1	19.6	10,882	13.6	47.3	19,422
58	Wheeling, W. Va.	171,398	45,260	36,152	44,656	94.1	25.5	19,259	54.3	28.2	25,397
59	Wichita, Kans.	109,401	33,729	27,729	34,056	92.7	15.6	13,870	40.7	47.3	20,186
60	Wichita Falls, Tex. [4]	35,773	10,666	9,667	10,722	91.7	21.5	3,433	58.5	35.9	7,289
61	Williamsport, Pa. [4]	41,387	11,872	8,459	12,141	92.4	9.7	5,226	41.1	28.7	6,915
62	Wilmington, Del.	145,710	38,727	20,806	39,022	94.4	12.4	16,694	28.1	43.1	22,328
63	Worcester, Mass.	255,481	67,088	38,548	69,371	92.4	14.5	25,654	16.6	49.1	43,717
64	Zanesville, Ohio [4]	35,125	10,504	9,042	10,678	91.9	13.6	5,019	54.0	36.7	5,659

[1] Includes units classed as crowded (1.01 to 2 persons per room), overcrowded (2.01 to 3 persons per room), and greatly overcrowded (over 3 persons per room); bathrooms are not counted as rooms.

[2] The difference between the sum of the percentages and 100 percent is accounted for by those unreported.

[3] The difference between the sum of the percentages and 100 percent is accounted for by the omission in this table of 3- and 4-family dwelling units and those classified as "Other dwelling units."

Statistics From the Real Property Inventory, 1934

as a representative sample of urban housing in the United States. The cities chosen vary in size from a about one-seventh of the total urban population of the United States. The survey covered all build-

Percent of total number of rental units with monthly rent [2]—			Percent distribution of dwelling units by type of structure [3]				Condition of structure, percent of total—			Percent of total dwelling units equipped with—					
Under $15	$15 to $30	$30 and over	Single family	2-family	Row house	Apartment	In need of minor repairs	In need of major repairs	Unfit for use	Furnace or boiler.	Mechanical refrigeration	Gas for cooking	Electricity for lighting	Tub and/or shower	
30.7	44.2	23.5	74.6	9.8	2.1	8.2	36.4	16.0	1.5	39.6	14.4	60.6	87.8	70.5	1
56.4	29.7	12.3	78.3	7.4	.4	5.5	45.8	22.7	3.9	40.9	16.0	17.9	80.6	72.2	2
53.3	27.5	17.7	56.9	23.6	.8	9.7	43.4	23.2	4.1	28.8	19.2	49.0	70.4	64.6	3
40.3	34.3	23.4	82.0	8.9	.3	2.3	38.4	19.2	3.1	3.0	15.0	64.5	78.6	72.4	4
44.9	32.3	20.0	83.4	9.3	1.4	1.6	49.4	17.7	2.0	5.4	13.0	55.6	69.9	69.6	5
7.0	56.5	35.4	45.4	29.3	.3	9.6	37.2	6.7	.4	77.5	13.6	81.3	97.7	90.7	6
70.0	15.3	5.1	67.3	24.8	.8	4.0	49.0	24.7	3.9	17.4	11.0	35.4	66.4	47.5	7
28.0	45.1	23.4	72.0	6.5	1.4	11.9	42.7	15.2	2.9	41.4	20.2	21.4	96.7	75.8	8
19.8	52.0	25.4	40.5	29.5	.8	10.3	47.3	8.5	1.1	55.8	16.1	75.6	97.7	76.6	9
42.2	38.6	13.8	55.2	13.5	2.1	14.7	41.1	23.7	4.9	27.0	9.2	29.6	98.3	67.7	10
37.7	36.5	15.2	65.1	9.1	5.4	12.6	45.4	19.7	6.1	35.5	14.5	80.9	90.9	68.6	11
64.4	23.2	10.3	33.4	29.2	1.6	2.8	34.6	22.3	4.1	2.7	9.1	35.1	49.8	43.6	12
16.8	52.6	29.8	41.5	28.8	.4	12.5	43.6	12.0	2.4	74.5	17.9	94.2	97.8	90.8	13
59.9	21.3	13.4	68.7	18.4	1.3	1.6	46.1	19.1	1.7	17.3	15.3	39.3	64.7	55.4	14
34.2	41.6	22.5	67.9	16.7	.1	6.6	44.8	15.8	2.6	3.2	10.6	79.0	84.9	76.1	15
42.4	44.8	9.4	83.7	5.7	.1	4.5	50.9	17.5	1.8	75.9	14.2	78.9	92.4	72.2	16
28.2	45.1	25.7	77.3	4.2	.2	9.0	45.8	17.2	1.9	75.5	17.3	70.1	95.0	67.9	17
10.8	62.1	17.1	54.8	31.5	2.0	2.5	42.3	10.9	.8	65.5	9.2	93.6	97.7	84.0	18
15.4	40.8	41.4	57.0	13.1	.2	15.0	41.9	12.4	3.0	87.0	25.8	82.8	97.5	80.1	19
38.9	45.6	13.9	44.6	34.4	5.6	1.8	45.5	9.1	.7	61.2	20.2	44.9	87.7	59.5	20
55.9	24.8	17.4	86.0	6.9	.4	2.4	52.6	17.0	2.6	27.4	18.4	22.8	82.7	55.0	21
32.8	51.3	14.3	34.8	42.0	5.7	7.3	40.1	9.0	1.0	65.9	19.5	53.4	94.6	76.3	22
42.4	39.0	17.3	60.3	23.9	.9	9.0	47.8	16.5	3.0	61.4	16.3	73.0	92.6	63.9	23
50.0	25.6	14.9	71.1	20.5	.3	1.8	54.3	21.9	1.9	3.0	10.1	53.9	64.0	54.3	24
54.7	33.2	11.3	71.4	17.2	.1	3.7	45.6	19.3	3.1	5.8	11.4	23.9	66.7	65.5	25
29.9	58.2	10.8	61.0	29.0	(1)	1.8	47.2	15.0	1.2	80.2	12.6	84.4	96.8	82.9	26
63.1	25.3	10.2	85.2	5.8	.6	3.5	48.2	20.4	3.5	23.3	10.9	17.0	68.7	51.1	27
37.5	49.1	12.7	79.2	9.3	.5	4.3	50.0	18.0	1.4	86.9	14.3	75.5	98.3	85.3	28
25.2	46.4	24.4	74.3	5.4	.2	12.3	38.3	14.0	1.2	80.3	27.6	80.1	97.0	81.4	29
55.8	31.2	8.4	84.7	6.5	.1	3.9	41.4	20.4	4.5	1.6	16.7	65.0	72.3	64.6	30
16.5	46.7	35.7	53.2	21.0	.4	14.8	38.9	12.2	1.4	76.6	21.3	88.8	97.2	83.8	31
28.1	54.6	14.0	34.0	30.3	2.6	10.3	43.1	11.4	1.9	45.3	14.5	64.2	95.3	73.3	32
34.4	42.2	19.5	70.5	12.6	.2	8.4	40.8	14.2	2.3	7.7	23.7	86.7	86.8	72.7	33
70.4	17.2	7.2	74.6	14.5	.4	2.9	40.1	31.5	8.0	16.3	6.4	29.4	68.6	48.3	34
26.4	48.9	23.9	78.5	8.5	.1	5.3	41.1	15.3	2.7	72.6	20.5	78.5	93.7	63.8	35
43.0	37.5	17.5	60.2	16.6	5.1	8.3	49.0	17.7	4.2	11.3	20.2	76.1	91.6	82.1	36
13.4	50.3	33.5	28.9	28.6	.8	18.2	41.0	11.1	.9	71.2	14.6	67.5	95.8	81.5	37
42.9	43.1	12.9	77.0	3.4	.5	14.9	45.5	16.0	1.5	64.4	20.5	51.6	97.3	88.3	38
23.5	57.2	18.4	31.7	31.1	.4	6.9	44.2	8.7	.6	48.1	11.9	75.7	96.2	76.8	39
52.2	30.9	7.4	78.3	7.0	1.1	5.7	43.2	16.5	2.2	41.4	12.5	36.3	90.7	66.1	40
37.4	48.3	11.8	56.8	30.1	.2	3.4	44.1	17.8	1.2	78.2	14.4	84.6	96.2	75.7	41
17.8	41.2	34.2	67.2	7.9	3.1	14.9	36.6	11.7	1.8	46.0	22.0	28.6	95.1	86.4	42
38.0	35.0	26.9	58.8	21.4	3.0	7.7	42.8	16.6	1.8	35.9	25.7	52.3	79.5	65.3	43
19.5	51.9	25.3	67.0	10.1	.3	9.8	44.4	15.2	3.4	22.1	17.6	80.5	96.3	84.9	44
44.8	40.2	14.1	71.8	16.4	.2	5.4	49.7	17.7	2.6	49.0	19.2	61.8	92.1	68.8	45
18.7	47.4	32.8	61.7	19.8	.3	10.0	43.3	15.4	1.7	73.7	16.7	84.2	96.3	80.9	46
35.7	43.5	19.6	71.3	8.6	1.8	13.3	40.8	18.8	2.6	46.7	23.8	29.7	97.8	81.7	47
19.6	57.8	21.3	76.1	5.8	1.0	10.7	39.1	11.6	1.5	6.9	16.2	93.2	97.6	91.1	48
40.0	28.9	27.2	66.8	10.7	4.4	2.0	35.5	14.1	1.3	15.2	10.8	32.3	74.7	55.5	49
31.9	46.3	20.7	70.2	3.7	.4	21.1	43.0	17.7	2.4	60.6	22.1	31.7	98.5	87.4	50
58.5	27.1	13.2	83.3	9.9	.5	1.7	50.6	11.0	1.1	.3	10.1	91.6	71.7	56.6	51
18.4	51.6	28.0	71.8	11.6	.2	6.6	43.6	14.5	1.0	79.7	18.4	80.6	97.7	74.1	52
56.2	28.7	9.8	86.9	4.5	.1	3.5	50.3	18.2	2.2	33.7	17.2	50.4	85.7	68.3	53
15.0	52.1	31.8	44.5	32.8	.4	8.2	45.7	8.9	.8	83.8	18.2	90.8	97.6	86.5	54
38.5	39.7	20.5	77.8	7.8	.3	5.4	44.3	18.5	2.2	53.2	16.8	83.0	94.7	66.5	55
16.9	52.3	29.7	36.4	34.2	18.3	2.7	50.0	10.0	1.2	76.0	14.7	84.9	93.1	83.1	56
19.3	60.9	19.3	29.4	19.1	.3	16.4	39.6	9.5	.8	42.4	13.1	81.9	97.1	86.9	57
50.5	37.4	10.1	64.1	22.5	1.3	1.9	47.3	23.8	4.9	34.6	15.2	71.5	82.5	51.0	58
46.5	37.0	14.5	74.5	7.3	.8	10.1	45.4	20.0	2.1	42.1	22.0	79.5	93.7	75.3	59
64.3	25.2	4.5	82.5	9.7	.1	2.9	44.8	20.0	2.6	2.8	13.2	84.0	83.6	81.7	60
28.8	53.8	15.0	46.8	33.3	3.4	6.9	41.3	19.5	1.1	71.6	13.8	74.7	93.1	78.2	61
20.2	49.6	28.7	31.3	20.8	31.5	5.1	47.2	10.6	2.7	93.1	17.1	77.9	89.1	77.3	62
19.7	58.6	20.8	31.3	20.0	1.3	9.8	53.2	11.0	.9	48.7	11.1	63.8	98.3	84.4	63
57.6	35.8	5.9	71.8	16.7	.4	4.1	48.4	19.3	1.6	47.2	13.6	85.7	88.6	62.9	64

[4] Data cover metropolitan district; data for city proper were published in the final reports of the real property inventory.

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 816.—CONSTRUCTION ESTABLISHMENTS WHICH DID A BUSINESS OF OVER $25,000 DURING 1929: VALUE OF BUSINESS AND PRINCIPAL EXPENDITURES BY STATES

NOTE.—The construction business of 113,799 active reporting establishments which did a business of less than $25,000 during 1929 amounted to $1,035,454,000 (figure partially estimated)

Division and State	Number of establishments	Value of construction business (1,000 dollars)			Principal expenditures (1,000 dollars)			Projected average number of workmen employed throughout the year [1]
		Total	Under general contract or directly for owner	Under subcontract	Subcontract work let	Wages paid	Cost of materials	
Continental U. S.	**30, 597**	**6, 250, 267**	**4, 911, 766**	**1, 338, 501**	**1, 455, 494**	**1, 467, 542**	**2, 055, 595**	**823, 772**
New England	**2, 730**	**474, 849**	**392, 224**	**82, 625**	**104, 657**	**130, 650**	**144, 376**	**73, 479**
Maine	142	13, 100	11, 408	1, 692	1, 507	4, 513	4, 185	2, 843
New Hampshire	113	9, 902	7, 972	2, 020	857	3, 106	4, 091	2, 080
Vermont	61	5, 878	4, 955	923	260	1, 898	2, 611	1, 243
Massachusetts	1, 434	306, 094	255, 229	50, 865	76, 316	81, 454	88, 448	45, 086
Rhode Island	220	30, 675	25, 317	5, 358	5, 385	8, 566	9, 958	4, 997
Connecticut	804	109, 110	87, 343	21, 767	20, 326	31, 111	35, 083	17, 230
Middle Atlantic	**8, 546**	**2, 219, 827**	**1, 709, 448**	**510, 379**	**610, 855**	**518, 448**	**658, 851**	**250, 447**
New York	4, 372	1, 323, 724	993, 098	330, 626	385, 625	318, 537	363, 751	139, 508
New Jersey	1, 483	292, 175	238, 500	53, 675	57, 114	66, 005	110, 025	33, 018
Pennsylvania	2, 691	603, 928	477, 851	126, 078	168, 116	134, 906	185, 075	77, 921
East North Central	**7, 934**	**1, 568, 591**	**1, 202, 108**	**366, 483**	**343, 927**	**374, 717**	**542, 728**	**202, 122**
Ohio	2, 043	400, 208	317, 307	82, 991	89, 779	90, 596	144, 722	53, 679
Indiana	746	104, 623	87, 834	16, 789	17, 863	25, 462	40, 614	16, 004
Illinois	2, 497	589, 011	440, 190	148, 821	134, 487	151, 494	186, 280	72, 344
Michigan	1, 501	329, 380	242, 419	86, 961	76, 387	73, 578	115, 431	39, 052
Wisconsin	1, 147	145, 279	114, 357	30, 921	25, 411	33, 588	55, 681	21, 043
West North Central	**2, 490**	**438, 690**	**369, 185**	**69, 406**	**71, 046**	**104, 914**	**160, 143**	**72, 716**
Minnesota	561	105, 798	88, 829	16, 969	17, 687	25, 739	35, 259	17, 081
Iowa	486	76, 782	70, 717	6, 065	8, 122	18, 795	30, 042	12, 705
Missouri	759	152, 664	120, 419	32, 245	32, 368	36, 990	52, 422	24, 706
North Dakota	81	8, 388	7, 348	1, 040	960	1, 817	3, 557	1, 077
South Dakota	70	8, 304	7, 583	781	773	1, 894	2, 958	1, 682
Nebraska	243	45, 345	39, 543	5, 802	5, 031	10, 451	18, 631	8, 321
Kansas	290	41, 249	34, 745	6, 504	6, 105	9, 223	17, 274	7, 144
South Atlantic	**2, 184**	**438, 732**	**347, 907**	**91, 825**	**101, 494**	**95, 665**	**152, 128**	**72, 824**
Delaware	91	18, 696	14, 063	4, 633	3, 907	4, 050	6, 702	2, 412
Maryland	407	108, 075	81, 048	27, 027	26, 045	23, 494	33, 390	15, 348
District of Columbia	253	66, 201	49, 781	16, 420	26, 355	13, 486	15, 501	8, 826
Virginia	337	54, 313	42, 710	11, 603	12, 631	12, 443	19, 604	9, 605
West Virginia	169	23, 375	20, 438	2, 936	3, 322	6, 086	7, 946	4, 351
North Carolina	293	54, 786	46, 043	8, 743	6, 986	12, 032	24, 767	9, 523
South Carolina	116	16, 622	13, 617	3, 005	1, 789	3, 797	8, 161	3, 647
Georgia	230	57, 077	45, 840	11, 237	10, 587	11, 293	23, 624	11, 578
Florida	288	40, 587	34, 366	6, 220	9, 872	8, 983	12, 435	7, 534
East South Central	**936**	**164, 952**	**130, 341**	**34, 611**	**27, 852**	**35, 474**	**62, 133**	**29, 355**
Kentucky	330	43, 319	32, 965	10, 355	8, 998	9, 394	13, 872	7, 252
Tennessee	314	62, 826	45, 794	17, 032	9, 761	13, 349	23, 706	10, 807
Alabama	197	45, 859	40, 630	5, 229	7, 018	9, 813	19, 380	8, 934
Mississippi	95	12, 948	10, 953	1, 995	2, 075	2, 918	5, 177	2, 362
West South Central	**1, 609**	**307, 705**	**259, 633**	**48, 071**	**50, 855**	**69, 823**	**118, 365**	**47, 596**
Arkansas	118	17, 022	15, 135	1, 886	2, 465	3, 915	7, 156	2, 320
Louisiana	178	34, 043	29, 486	5, 457	6, 344	7, 507	11, 733	6, 332
Oklahoma	312	56, 208	48, 723	7, 575	7, 086	13, 028	22, 225	8, 976
Texas	1, 001	199, 442	166, 289	33, 153	34, 960	45, 373	77, 250	29, 968
Mountain	**709**	**90, 105**	**78, 189**	**16, 916**	**15, 902**	**21, 247**	**29, 218**	**13, 189**
Montana	119	11, 423	9, 520	1, 903	1, 215	2, 958	4, 551	1, 608
Idaho	44	7, 120	6, 570	551	852	2, 207	1, 168	1, 782
Wyoming	40	3, 061	2, 707	354	296	848	984	439
Colorado	211	28, 016	22, 098	5, 918	4, 976	6, 440	10, 009	4, 127
New Mexico	41	6, 563	6, 010	552	819	1, 412	2, 030	862
Arizona	105	12, 932	9, 468	3, 464	2, 610	2, 595	4, 969	1, 616
Utah	129	17, 350	13, 570	3, 780	4, 451	4, 041	4, 717	2, 470
Nevada	20	3, 639	3, 245	394	683	747	790	265
Pacific	**3, 409**	**545, 915**	**427, 730**	**118, 185**	**128, 908**	**115, 604**	**187, 653**	**67, 064**
Washington	404	66, 728	56, 950	9, 778	11, 465	16, 622	25, 616	9, 274
Oregon	249	30, 870	25, 526	5, 343	4, 555	7, 935	10, 915	4, 724
California	2, 756	448, 317	345, 253	103, 064	112, 886	91, 048	151, 122	53, 066

[1] The average number of workmen reported as employed on the fifteenth of each month (or nearest representative day), including estimates for a considerable number of establishments which failed to report the number of workmen employed. Salaried employees are not included.

Source: Bureau of the Census, Department of Commerce.

No. 817.—VALUE OF BUSINESS AND PRINCIPAL EXPENDITURES OF CONSTRUCTION ESTABLISHMENTS WHICH DID A BUSINESS OF OVER $25,000 DURING 1929: BY CLASS OF ESTABLISHMENTS, CONTINENTAL UNITED STATES

[All money figures in thousands of dollars]

Classification of establishment	Number of establishments	Value of construction business			Principal expenditures			Projected average number of workmen employed throughout the year [1]
		Total	Under general contract or directly for owner	Under subcontract	Subcontract work let	Wages paid	Cost of materials	
All classes	30,597	6,250,267	4,911,706	1,338,561	1,455,494	1,467,542	2,055,595	828,772
Operative builders	750	153,524	153,519	5	103,142	13,148	22,602	7,418
General contractors	14,766	4,217,367	4,171,886	45,480	1,290,578	914,112	1,188,687	585,179
Building	10,131	2,622,047	2,611,366	10,681	1,124,702	502,676	652,167	286,962
Building not specialized	7,062	2,149,941	2,139,919	10,022	919,417	424,776	527,438	245,043
Commercial only	539	132,627	132,473	154	67,126	23,702	26,284	11,777
Manufacturing only	75	93,828	93,815	13	32,185	12,463	34,580	7,865
Residential only	2,455	245,651	245,159	492	105,974	41,736	64,865	22,277
Highway	1,514	443,064	436,443	6,621	43,789	102,204	165,341	78,733
Bridge and culvert	475	137,205	129,086	8,120	11,893	35,595	55,658	23,761
Grading	396	47,733	45,897	1,836	4,400	16,399	3,532	11,213
Street paving	984	282,760	276,319	6,441	25,230	61,282	109,106	42,773
Sewer, gas, water, conduit	494	115,153	113,352	1,801	5,959	30,056	41,011	22,683
Dam and reservoir	87	28,483	28,003	480	2,351	8,280	8,229	4,923
Waterworks	105	44,210	43,510	700	2,684	11,601	17,857	7,086
Dredging, river, harbor, etc	193	104,463	100,856	3,607	7,719	28,423	20,732	19,808
Levee	34	5,631	5,519	112	631	1,490	392	1,185
Railroad	137	105,302	103,026	2,276	12,815	34,840	24,177	24,432
Foundation	56	8,282	8,057	225	988	2,475	2,095	1,367
Central station, light and power plant	86	158,160	157,667	493	35,463	37,491	55,678	21,954
Air transport work	7	2,416	2,317	99	250	860	696	555
Refuse disposal plant	7	1,721	1,721	----------	193	527	445	240
Oil and natural gas pipe line	22	29,507	29,493	14	2,537	9,370	8,178	5,312
Subway (other than buildings)	24	71,818	69,888	1,930	5,782	22,451	21,013	10,923
Vehicular subway and tunnel	3	3,772	3,772	----------	3,025	130	138	75
Telephone line and system	9	5,158	5,114	44	102	1,805	1,430	1,162
Miscellaneous, n. e. s	2	481	481	----------	65	67	206	42
Subcontractors	15,081	1,879,376	586,361	1,293,015	61,474	540,284	844,308	256,175
Carpentering and wood flooring	382	36,611	10,359	26,252	2,600	11,160	14,829	4,898
Concreting	477	66,312	13,716	52,596	2,468	23,740	23,117	13,760
Electrical	1,928	198,487	78,531	119,956	1,509	61,683	87,768	26,330
Elevator construction	129	77,376	12,469	64,907	1,727	13,048	50,697	5,395
Heating and plumbing	5,583	611,886	237,782	374,104	18,298	148,602	319,128	72,246
Heating and piping	1,423	221,996	93,087	128,909	11,291	48,616	116,004	23,761
Plumbing	2,808	256,834	80,209	176,625	4,332	66,393	135,603	31,444
Plumbing and heating combined	1,218	93,738	44,937	48,801	1,947	22,922	48,754	11,827
Miscellaneous	134	39,319	19,549	19,770	728	10,672	18,767	5,214
Masonry	673	85,023	24,508	60,515	2,634	32,749	34,191	15,045
Painting and decorating	1,102	83,899	25,858	57,041	926	43,504	17,623	19,509
Glass and glazing	154	16,653	2,660	13,993	286	3,063	8,888	1,334
Plastering and lathing	623	83,313	6,984	76,329	4,033	42,712	21,749	16,675
Roofing and sheet metal work	1,697	145,095	39,388	105,707	2,379	37,302	64,118	21,025
Steel erection	300	135,718	56,914	78,802	10,498	25,285	71,285	11,661
Stone work	173	27,085	2,013	24,172	1,196	9,265	9,685	4,169
Marble and tiling	851	112,960	14,417	98,533	1,372	34,213	60,626	15,233
Wrecking	44	3,816	152	3,664	50	2,045	26	920
Excavating	293	39,813	7,049	32,764	2,668	14,269	2,025	8,221
Ornamental iron	227	36,077	2,396	33,681	1,256	6,696	17,811	2,669
Highway	28	4,174	379	3,795	65	974	1,543	605
Bridge and culvert	14	1,496	210	1,286	88	534	513	464
Grading	59	5,636	1,094	4,542	285	2,014	238	1,533
Street paving	18	3,324	479	2,845	31	987	1,212	555
Sewer, gas, water, conduit	14	5,480	4,147	1,333	25	2,085	1,724	1,260
Dam, reservoir, and waterworks	4	334	88	246	2	92	182	58
Dredging, river, harbor, etc	13	2,346	787	1,559	10	664	781	381
Soundproofing	26	5,556	962	4,594	75	1,181	2,825	539
Railroad	3	934	222	712	230	294	242	290
Foundation	25	22,950	4,877	18,073	3,841	6,922	6,001	3,365
Power plant	4	1,064	858	206	17	238	659	149
Metal work, n. e. s	136	52,189	30,985	21,204	1,957	11,222	29,209	4,840
Flooring, n. e. s	81	10,760	2,887	7,873	116	2,651	5,281	1,293
Miscellaneous n. e. s	22	3,020	1,289	1,731	232	1,089	238	746

[1] See footnote 1, table 816.

Source: Bureau of the Census, Department of Commerce.

APPENDIX

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

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