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

STATISTICAL ABSTRACT

OF THE

UNITED STATES

1934

FIFTY-SIXTH NUMBER

Bureau of the Census
Library

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1934

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LETTER OF SUBMITTAL

DEPARTMENT OF COMMERCE,
BUREAU OF FOREIGN AND DOMESTIC COMMERCE,
Washington, July 19, 1934.

SIR: I have the honor to submit herewith for publication the fifty-sixth 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, of which H. Gordon Hayes is chief, under the general direction of M. Joseph Meehan, chief of the Current Statistics section of the division, and the more immediate charge of Martha Hunter. 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 United States Shipping Board; 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.

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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			

[illegible] North, not a part of any accession, but in the past some-

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

[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 [illegible] The last column shows the estimated [illegible] 1830

Census year	Area (square miles)			Population				
						Increase over preceding census		
	Gross	Land	Water	Number	Per square mile [1]	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.

In comparing [illegible] with that shown for the decade 1910–1920, allowance should be made for the fact that [illegible] 1910 and 1920 was less than a full decade, and that between the 1920 and [illegible] full decade. An increase of 16.1 per cent for 123 months (the time between Jan. 1, 1920, and Apr. 1, 1930) [illegible] 0 years; and the 1920 increase for 116½ [illegible] 15.4 per cent for 120 months. [illegible] is only slightly higher than that [illegible].

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	**3,736,305**	**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	[2] 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		55,308	117,238	89,453
Philippine Islands	114,400	[3] 7,635,420	[4] 10,314,310	[5] 12,082,306
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, [illegible] 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 conve
each State or Territory the population as returned at a given census has
as constituted at the time that census was taken. The areas of Indian
Territory, are included in the areas of the several States and Territories, although the population was not ascertained and car
nsity of population prior to 1890. The census of 1870 in the Southern S
Population density in 1930 of Alaska, Hawaii, and Puerto Rico, and
31, 191
was as follows: Alaska,
49.5; P

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	223.6	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	80.4	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	103.0
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	20.6	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
				63.6	74.6	85.7	94.0	103.0	113.5	121.3
				78.6	94.0	104.9	119.5	130.3	145.8	164.1
				2,270.7	3,062.5	3,972.3	4,645.3	5,517.8	7,292.0	7,852.7
				30.4	37.6	41.1	46.1	51.2	57.4	60.2
				18.4	25.7	31.8	39.9	50.8	60.9	72.0
				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	.3	.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	[illegible]	68,825	69,122	76,931	83,059	97,199	108,830	147,545	174,620	
8	[illegible]	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	426,814	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	----------	----------	----------	----------	----------	----------	----------	[6] 4,837
25	Nebraska	----------	----------	----------	----------	----------	----------	----------	28,841
26	Kansas	----------	----------	----------	----------	----------	----------	----------	107,206
27	**South Atlantic**	1,851,806	2,286,494	2,674,891	3,061,063	3,645,752	3,925,299	4,679,090	5,304,703
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	[illegible]	747,610	880,200	974,600	1,065,366	1,211,405	1,239,797	1,421,661	1,596,318
32	[illegible]	----------	----------	----------	----------	----------	----------	----------	----------
33	[illegible]	393,751	478,103	555,500	638,829	737,987	753,419	869,039	992,622
34	[illegible]	249,073	345,591	415,115	502,741	581,185	594,398	668,507	703,708
35	Georgia	82,548	162,686	252,433	340,989	516,823	691,392	906,185	1,057,286
36	Florida	----------	----------	----------	----------	34,730	54,477	87,445	140,424
37	**East South Central**	109,368	335,407	708,590	1,190,489	1,815,969	2,575,445	3,363,271	4,020,991
38	Kentucky	73,677	220,955	406,511	564,317	687,917	779,828	982,405	1,155,684
39	Tennessee	35,691	105,602	261,727	422,823	681,904	829,210	1,002,717	1,109,801
40	Alabama	----------	----------	----------	127,901	309,527	590,756	771,623	964,201
41	Mississippi	----------	8,850	40,352	75,448	136,621	375,651	606,526	791,305
42	**West South Central**	----------	----------	77,618	187,680	246,127	449,985	940,251	1,747,667
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 (–) [illegible]

[2] Includes populatic [illegible] ory and Indian reservations, specially enumerated in 1890, but not include[illegible]

[3] Includes persons ([illegible] 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	8,166,341	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	332,422	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
6,810,806	10,496,878	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
906,096	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	3,826,352	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	2,093,890	2,420,982	2,810,173	3,668,412	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	15,783,589	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	1,399,750	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	8,409,901	8,893,307	9,887,214	31.0	11.2	8.4	8.1	37
1,321,011	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	1,289,600	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	10,242,224	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
		[6] 258,657	[6] 790,391	1,657,155	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
315,385	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	8,194,433	239.1	47.2	5.3	6.7	56
23,955	75,116	357,232	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] [illegible] Louisiana Territory in 1810.

[5] [illegible] Territory; for 1870 and 1880, population parts as since existing ha[illegible]

[6] Area now constituting West[illegible] or to 1870.

[7] Population of area taken to [illegible] t of Louisiana Territory in 1810.

[8] Includes population of Indi[illegible], 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 densit[illegible] include for the three New England States named above only those towns [illegible] or when combined with [illegible] the town. The total urban and rural population for 18[illegible] 1890, 22,298,359; rural—1880, 35,797,616; 1890, 40,649,355;

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, 667	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
[illegible]	40	2, 709, 338	59	4, 178, 915	76	5, 265, 747
	82	2, 809, 627	119	4, 026, 045	143	5, 075, 041
	280	4, 338, 250	367	5, 524, 434	459	6, 942, 742
	468	3, 220, 766	612	4, 254, 856	721	4, 997, 794
Places of 2,500 to 5,000	893	3, 103, 105	1, 106	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
[illegible]	606	9, 097, 200	5.7	6.0	6.6	7.4
	851	5, 897, 156	4.2	4.6	4.7	4.8
	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, 929, 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.
[illegible] on the same basis as in 1920, the per cent [illegible]
[illegible] United States, 55.9; New Hampshire, [illegible]
[illegible]; 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	1,354,365	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	635,429	52,008	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	2,474,936	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	8,426,271	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	5,635,727	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	850,204	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	875,496	1,528,526	979,292	1,491,647	30.6	36.4	39.6
Missouri	1,398,817	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	561,942	13.1	16.0	18.9
Nebraska	310,852	881,362	406,306	891,066	486,107	891,856	26.1	31.3	35.3
Kansas	493,790	1,197,159	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	5,698,122	10,095,467	25.4	31.0	36.1
Delaware	97,085	105,237	120,767	102,236	123,146	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				
Virginia	476,529	1,585,083	673,984	1,635,203	7[illegible]				
West Virginia	228,242	992,877	369,007	1,094,694	4[illegible]				
North Carolina	318,474	1,887,813	490,370	2,068,753	8[illegible]				
South Carolina	224,832	1,290,568	293,987	1,389,737	371,080	1,367,685	14.8	17.5	21.3
Georgia	538,550	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	36.7	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	1,784,463	633,543	1,783,087	799,026	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	1,901,975	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	2,970,329	7,271,395	4,427,439	7,749,391	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	539,480	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	2,389,348	3,435,367	24.1	32.4	41.0
Mountain	947,511	1,686,006	1,214,980	2,121,121	1,457,922	2,243,867	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	70,097	155,468	29.6	29.5	31.1
Colorado	404,840	394,184	453,259	486,370	519,882	515,909	50.7	48.2	50.2
New Mexico	46,571	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	285,717	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	34,404	56,594	16.3	19.7	37.8
Pacific	2,382,329	1,809,975	3,471,483	[illegible]	[illegible]	1,659,552	56.8	62.4	67.5
Washington	605,530	536,460	748,735	[illegible]	[illegible]	678,857	53.0	55.2	56.6
Oregon	307,060	365,705	391,019	[illegible]	[illegible]	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	595,422	499,095	30,455	74,156	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	706,446	17,793	13,483	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	4,913,633	4,488,933	22.9	17.7	4,887,204	4,453,114	26,429	35,819	4,049,103
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	633,630
Illinois	1,098,262	999,249	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	5,171,596	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	360,205	56.9	56.3	361,886	360,431	335	774	172,511
Nebraska	584,172	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
[illegible]		5,898,178	45.9	37.3	6,397,757	5,878,956	18,941	19,220	4,216,511
[illegible]		46,530	23.0	19.5	51,151	46,362	61	228	68,932
[illegible]		237,456	19.3	14.6	277,656	236,172	1,569	1,284	420,485
[illegible]		435	2	1	[illegible]	[illegible]	894	435	[illegible]
[illegible]		950,757	46.1	39.3	1,059,913	948,746	4,504	2,011	687,568
[illegible]		449,114	32.7	26.0	476,631	447,750	1,293	1,364	789,951
[illegible]		1,599,918	58.7	50.5	1,499,946	1,597,220	1,281	2,698	763,209
[illegible]		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	5,095,096	53.3	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	1,302,242	1,174,232	2,620	2,292	641,331
Tennessee	1,271,708	1,215,452	54.4	46.5	[illegible]	[illegible]	2,529	2,387	506,953
Alabama	1,335,885	1,340,277	56.9	50.6	[illegible]	[illegible]	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	789,050	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	1,168,367	1,138,718	35.0	30.8	1,152,993	1,123,693	15,374	15,025	1,120,174
Montana	225,667	204,594	41.1	38.1	225,389	203,962	278	632	152,608
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	131,872	106,667	8,377	9,046	134,916
Nevada	16,164	16,441	26.9	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 1924 to 1930 are based on the assumption that the increase (or decrease) each year between the censuses of 1920 and [illegible] the two enumerations. For 1931 t[illegible] ween 1920 and 1930, the 1930 to 1930, see Table 6, p. 4.

[All figures in thousands]

Division and State	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Continental United States	113,202	114,867	116,532	118,197	119,862	121,526	123,191	124,070	124,822	125,693
New England	7,737	7,812	7,886	7,961	8,036	8,110	8,185	8,225	8,258	8,298
Maine	781	784	787	790	792	795	798	800	801	802
New Hampshire	453	455	457	459	462	464	466	467	468	469
[illegible]	356	356	357	358	358	359	360	360	360	361
	4,027	4,066	4,104	4,143	4,182	4,221	4,259	4,280	4,297	4,318
	641	649	657	665	673	681	690	694	698	702
	1,480	1,502	1,524	1,546	1,568	1,590	1,612	1,624	1,634	1,646
Middle Atlantic	24,017	24,407	24,797	25,188	25,578	25,968	26,360	26,565	26,741	26,945
New York	11,352	11,567	11,782	11,997	12,212	12,427	12,643	12,756	12,852	12,965
New Jersey	3,545	3,631	3,717	3,804	3,890	3,977	4,063	4,109	4,148	4,193
Pennsylvania	9,120	9,209	9,298	9,387	9,476	9,565	9,654	9,700	9,741	9,787
East North Central	23,153	23,526	23,899	24,272	24,645	25,018	25,390	25,587	25,755	25,950
Ohio	6,140	6,236	6,322	6,409	6,495	6,582	6,668	6,714	6,753	6,798
Indiana	3,066	3,096	3,126	3,156	3,186	3,216	3,246	3,262	3,275	3,291
Illinois	6,988	7,100	7,212	7,323	7,435	7,547	7,659	7,718	7,768	7,826
Michigan	4,184	4,208	4,413	4,527	4,642	4,756	4,871	4,931	4,983	5,043
Wisconsin	2,767	2,797	2,827	2,857	2,887	2,917	2,946	2,962	2,976	2,992
West North Central	12,875	12,948	13,022	13,095	13,168	13,242	13,316	13,352	13,387	13,425
Minnesota	2,455	2,482	2,499	2,517	2,534	2,551	2,568	2,577	2,585	2,594
Iowa	2,433	2,440	2,446	2,453	2,460	2,466	2,473	2,476	2,479	2,482
Missouri	3,503	3,525	3,547	3,569	3,591	3,613	3,635	3,646	3,656	3,668
North Dakota	662	665	668	672	675	678	682	683	685	687
South Dakota	661	667	672	678	683	689	694	697	700	702
Nebraska	1,332	1,340	1,348	1,356	1,364	1,372	1,380	1,384	1,388	1,392
Kansas	1,818	1,829	1,840	1,851	1,862	1,873	1,884	1,889	1,894	1,900
South Atlantic	14,782	14,958	15,134	15,310	15,486	15,662	15,838	15,930	16,009	16,102
Delaware	230	231	233	234	236	237	239	240	240	241
Maryland	1,530	1,547	1,565	1,583	1,600	1,618	1,636	1,645	1,653	1,663
Dist. of Columbia	459	464	469	474	478	483	488	491	493	495
[illegible]	2,359	2,370	2,381	2,392	2,403	2,414	2,425	2,430	2,435	2,441
	1,580	1,606	1,632	1,658	1,684	1,710	1,736	1,749	1,761	1,774
	2,827	2,887	2,947	3,006	3,066	3,126	3,185	3,217	3,244	3,275
	1,708	1,713	1,719	1,724	1,729	1,735	1,740	1,743	1,745	1,748
	2,901	2,903	2,904	2,905	2,906	2,908	2,909	2,909	2,910	2,911
	1,188	1,237	1,285	1,334	1,383	1,432	1,480	1,506	1,528	1,554
East South Central	9,330	9,427	9,524	9,621	9,718	9,814	9,911	9,963	10,006	10,056
Kentucky	2,504	2,523	2,542	2,561	2,581	2,600	2,619	2,630	2,638	2,648
Tennessee	2,460	2,487	2,515	2,542	2,569	2,596	2,623	2,638	2,650	2,664
Alabama	2,479	2,508	2,537	2,566	2,595	2,624	2,654	2,669	2,682	2,697
Mississippi	1,887	1,908	1,930	1,951	1,972	1,994	2,015	2,026	2,036	2,047
West South Central	11,092	11,280	11,469	11,658	11,847	12,035	12,224	12,324	12,409	12,507
	1,797	1,807	1,817	1,827	1,837	1,847	1,857	1,862	1,867	1,872
	1,932	1,961	1,991	2,020	2,050	2,079	2,109	2,125	2,138	2,153
Oklahoma	2,190	2,226	2,261	2,297	2,333	2,369	2,405	2,424	2,440	2,459
Texas	5,173	5,286	5,400	5,513	5,626	5,740	5,853	5,913	5,964	6,023
Mountain	3,497	3,532	3,568	3,604	3,639	3,675	3,709	3,730	3,748	3,766
Montana	544	543	542	541	540	538	[1] 538	[1] 538	[1] 538	[1] 538
Idaho	438	439	440	441	443	444	445	446	447	447
Wyoming	208	211	214	217	220	223	226	228	229	231
Colorado	982	991	1,001	1,010	1,019	1,029	1,038	1,043	1,047	1,052
New Mexico	388	394	400	406	413	419	425	428	431	434
Arizona	379	389	398	408	418	428	438	443	448	453
Utah	475	481	486	492	498	504	509	512	515	518
Nevada	83	85	86	87	89	90	91	92	93	93
Pacific	6,720	6,977	7,233	7,489	7,746	8,002	8,258	8,394	8,509	8,644
Washington	1,447	1,468	1,488	1,508	1,528	1,548	1,568	1,579	1,588	1,599
Oregon	858	875	891	908	925	941	958	967	974	983
California	4,415	4,634	4,854	5,073	5,293	5,513	5,732	5,848	5,947	6,062

[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 1934, 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 1934, are based on available data regarding births, deaths, immigration, and emigration

Year	Continental United States	Year	Continental United States	Year	Continental United States	Hawaii	Puerto Rico	Philippine Islands	Panama Canal Zone
1850	23, 260, 638	1879	49, 092, 687	1907	87, 455, 366	181, 192	1, 073, 912	8, 368, 592	----------
1851	24, 910, 926	1880	50, 262, 382	1908	89, 073, 360	185, 031	1, 089, 709	8, 537, 784	----------
1852	25, 736, 070	1881	51, 541, 575	1909	90, 691, 354	188, 870	1, 105, 506	8, 706, 977	----------
1853	26, 561, 214	1882	52, 820, 768						
1854				1910	92, 267, 080	193, 282	1, 121, 913	8, 876, 170	----------
1855	27, 386, 359	1883	54, 099, 961	1911	93, 682, 189	199, 874	1, 140, 638	9, 045, 363	----------
1856	28, 211, 504	1884	55, 379, 154	1912	95, 097, 298	206, 466	1, 159, 364	9, 214, 556	[1] 61, 279
1857	29, 036, 649	1885	56, 658, 347	1913	96, 512, 407	213, 058	1, 178, 090	9, 383, 749	[1] 57, 400
1858	29, 861, 794	1886	57, 937, 540	1914	97, 927, 516	219, 650	1, 196, 816	9, 552, 942	[2] 37, 706
1859	30, 686, 939	1887	59, 216, 733						
				1915	99, 342, 625	226, 243	1, 215, 542	9, 722, 135	[2] 20, 926
1860	31, 502, 613	1888	60, 495, 927	1916	100, 757, 735	232, 836	1, 234, 268	9, 891, 328	[2] 31, 048
1861	32, 214, 118	1889	61, 775, 121	1917	102, 172, 845	239, 429	1, 252, 994	10, 060, 521	[3] 23, 295
1862	32, 925, 623	1890	63, 055, 438	1918	103, 587, 955	246, 022	1, 271, 720	10, 229, 714	[3] 21, 707
1863	33, 637, 128	1891	64, 361, 124	1919	105, 003, 065	252, 615	1, 290, 446	10, 398, 503	[3] 21, 759
1864	34, 348, 633	1892	65, 665, 810						
				1920	106, 543, 031	261, 396	1, 311, 717	10, 566, 889	[3] 21, 650
1865	35, 060, 138	1893	66, 970, 496	1921	108, 207, 853	272, 364	1, 335, 532	10, 735, 275	[3] 23, 757
1866	35, 771, 643	1894	68, 275, 182	1922	109, 872, 675	283, 332	1, 359, 347	10, 903, 661	[3] 23, 671
1867	36, 483, 148	1895	69, 579, 868	1923	111, 537, 497	294, 300	1, 383, 162	11, 072, 047	[4] 23, 671
1868	37, 194, 653	1896	70, 884, 554	1924	113, 202, 319	305, 268	1, 406, 977	11, 240, 433	[3] 27, 143
1869	37, 906, 158	1897	72, 189, 240						
				1925	114, 867, 141	316, 236	1, 430, 792	11, 408, 819	[3] 27, 151
1870	38, 655, 016	1898	73, 403, 926	1926	116, 531, 963	327, 204	1, 454, 607	11, 577, 205	[3] 27, 692
1871	39, 814, 757	1899	74, 798, 612	1927	118, 196, 785	338, 172	1, 478, 422	11, 745, 591	[3] 27, 624
1872	40, 974, 498	1900	76, 129, 408	1928	119, 861, 607	349, 140	1, 502, 237	11, 913, 978	[3] 28, 002
1873	42, 134, 239	1901	77, 747, 402	1929	121, 526, 429	360, 109	1, 526, 052	12, 082, 366	[3] 30, 300
1874	43, 293, 980	1902	79, 365, 396						
				1930	123, 191, 000	371, 078	1, 549, 868	12, 250, 752	[5] 39, 467
1875	44, 453, 721	1903	80, 983, 390	1931	124, 070, 000	382, 000	1, 573, 700	12, 419, 100	41, 500
1876	45, 613, 462	1904	82, 601, 384	1932	124, 822, 000	393, 000	1, 597, 500	12, 589, 400	43, 100
1877	46, 773, 203	1905	84, 219, 378	1933	125, 693, 000	404, 000	1, 621, 300	12, 758, 400	44, 700
1878	47, 932, 945	1906	85, 837, 372	1934	126, 425, 000	415, 000	1, 645, 100	12, 927, 400	46, 400

[1] Enumeration by Canal Commission.
[2] Police census.
[3] Police census, excluding persons in military and naval service.
[4] Police census for 1922.
[5] Federal census, Apr. 1, 1930.

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, 688, 989	53, 900, 431	51, 610, 189	62, 137, 080	60, 637, 968	106. 0	104. 0	102. 5
White	42, 178, 245	39, 552, 710	48, 490, 665	46, 200, 990	55, 182, 864	53, 700, 353	106. 6	104. 4	102. 7
Negro	4, 885, 881	[illegible]	[illegible]	[illegible]	[illegible]	5, 035, 474	98. 9	99. 2	97. 0
Indian	135, 133	[illegible]	[illegible]	[illegible]	[illegible]	162, 047	103. 5	104. 8	105. 1
Chinese	66, 856	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, 781, 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, 153, 709	6, 212, 698	129. 2	121. 7	115. 1

	1860	1870	1880	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, 064, 806	24, 036, 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, 979, 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, 130, 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, 466, 467**	**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, 920	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, 001	−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, 960
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, 269, 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, 040	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, 130	[8] 1, 440, 777
Per cent		65. 2	78. 9	46. 7	19. 3	16. 9	[9] 20. 8
Foreign born, white	1, 396, 959	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; [illegible] for the negro population.

[2] [illegible] of Mexicans included in the [illegible] (172,704 of foreign parentage and 70,477 of mixed parentage); foreign-born [illegible] arison 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 [illegible] 147 Indians, and 13 Chinese), specially enumerated in 1890 in Indian Territory [illegible].

[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	62,137,080	60,637,966	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	3,067,723	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	1,532,751	1,605,539	95.5	509,462
Rhode Island	297,524	306,873	335,372	352,125	95.2	248,989	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	13,188,691	13,072,069	100.9	9,879,094	10,023,968	98.6	2,761,740
New York	5,187,350	5,197,877	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	4,290,997	4,845,517	4,785,833	101.2	3,955,902	4,003,649	98.8	665,438
East North Central	11,036,041	10,440,502	12,904,783	12,382,402	104.1	10,605,117	10,448,622	101.5	1,786,458
Ohio	2,955,980	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	6,459,087	6,085,182	6,735,442	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	1,630,736	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	329,190	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	203,543	234,028	231,883	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	839,334	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	1,322,793	1,291,796	102.4	1,196,873	1,169,651	102.3	12,292
Tennessee	1,173,987	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	836,860	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	4,975,395	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	914,689	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	1,068,044	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	299,941	248,948	293,228	244,378	120.0	236,894	207,472	114.2	44,899
Idaho	233,919	197,947	237,347	207,685	114.3	214,007	193,101	110.8	18,947
Wyoming	110,359	84,043	124,735	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	2,802,245	4,268,659	3,925,774	108.7	3,208,891	3,129,719	102.5	658,699
Washington	734,701	621,920	826,392	737,004	112.1	658,330	618,513	106.4	142,594
Oregon	416,334	367,055	499,672	454,114	110.0	427,154	404,400	105.6	62,078
California	1,813,591	1,813,270	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	663,359	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	33	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	458	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	61	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	1,010	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	10,448	9,371	5,421	919	755	287	E. N. C.
292,166	120.5	159,128	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.
468,183	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	4,293	4,094	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	1,074	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.
3,099	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	[illegible]	[illegible]	[illegible]	95.9	790	613	1,072	1,034	589	154	32	14	E. S. C.
9,548	[illegible]	[illegible]	[illegible]	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	2,302	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	45,981	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	16,812	13,913	117.2	132,905	116,409	52,534	49,549	2,875	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	743	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	110.5	609	499	122.0	2,728	1,284	1,516	1,353	282	60	2,056	1,213	Utah.
3,602	232.5	277	239	115.9	2,221	869	2,456	2,415	410	73	442	166	Nev.
501,086	131.5	45,059	45,063	100.0	200,952	169,191	18,238	17,003	31,236	10,395	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	4,853,191	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	614	76	410,791	662
Vermont	331,218	1,057	11	331,418	937	67	342,771	820
[illegible]	1,763,782	18,697	606	2,215,373	22,144	1,430	2,769,764	31,974
[illegible]	269,939	6,488	104	337,859	7,393	254	419,050	9,092
[illegible]	610,769	11,547	384	733,438	12,302	518	892,424	15,220
Middle Atlantic	10,305,055	189,492	2,331	12,468,794	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	90,901
Indiana	1,938,798	39,228	275	2,146,736	45,215	453	2,458,502	57,505
Illinois	3,031,151	46,368	352	3,708,472	57,028	852	4,734,873	85,078
Michigan	1,614,500	15,100	7,277	2,072,884	15,223	5,783	2,308,563	15,816
Wisconsin	1,309,618	2,702	3,177	1,680,828	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	10,085,817	237,909
Minnesota	776,884	1,564	2,325	1,296,408	3,683	10,192	1,737,030	4,959
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	96,956	288	1,025	328,010	541	20,049	380,714	465
Nebraska	449,764	2,385	253	1,047,096	8,913	6,647	1,056,526	6,269
Kansas	952,155	43,107	334	1,376,619	49,710	1,779	1,416,319	52,003
South Atlantic	4,654,112	2,941,202	1,888	5,592,149	3,262,990	3,093	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	1,203,603	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	293	297,333	230,730
East South Central	8,657,593	1,924,896	2,562	4,305,668	2,119,797	3,669	5,044,847	2,499,526
Kentucky	1,377,179	271,451	60	1,590,462	268,071	102	1,862,309	284,706
Tennessee	1,138,831	403,151	377	1,330,637	430,678	203	1,540,186	480,243
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	3,295,636	1,378,090	67,257	4,771,085	1,694,066
Arkansas	591,531	210,666	328	818,752	309,117	342	944,580	366,856
Louisiana	454,954	483,655	1,387	558,395	559,193	1,000	729,612	650,804
Oklahoma[3]	[illegible]	[illegible]	[illegible]	172,554	21,609	64,494	670,204	55,084
Texas	1,197,237	393,384	1,128	1,745,935	488,171	1,421	2,426,669	620,722
Mountain	614,321	5,922	33,276	1,117,363	12,971	93,601	1,579,855	15,590
Montana	35,385	346	3,428	127,090	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	4,269	272,465	672
Nevada	53,556	488	8,222	39,121	242	7,992	35,405	134
Pacific	997,455	6,880	110,293	1,754,644	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	14,530	394,582	1,105
California	767,181	6,018	91,495	1,111,833	11,322	90,243	1,402,727	11,045

[illegible] enumerated in Indian Territory and on Indian reservations.
[illegible] 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, 881	7, 316, 079	79, 051	5, 779	8, 065, 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, 817	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, 913	568	R. I.
770	1, 098, 897	15, 174	685	1, 358, 732	21, 046	853	1, 576, 673	29, 354	876	Conn.
17, 895	18, 880, 452	417, 870	17, 570	21, 641, 840	600, 183	19, 121	25, 172, 104	1, 052, 899	35, 747	M. A.
12, 781	8, 966, 845	134, 191	12, 378	10, 172, 027	198, 483	14, 717	12, 150, 293	412, 814	24, 959	N. Y.
1, 508	2, 445, 804	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	300, 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, 962	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, 615, 938	5, 201	9, 928	2, 913, 859	10, 739	14, 408	Wis.
43, 697	11, 351, 621	242, 662	43, 638	12, 225, 387	278, 521	40, 341	12, 873, 487	331, 784	91, 644	W. N. C
9, 399	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, 148	569, 855	617	6, 584	639, 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, 708, 909	57, 925	2, 426	1, 792, 847	66, 344	21, 808	Kans.
8, 405	8, 071, 603	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	81, 181	39	192, 615	30, 335	53	205, 694	32, 602	84	Del.
556	1, 062, 639	232, 250	457	1, 204, 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, 281	Va.
68	1, 156, 817	64, 173	120	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, 037	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, 328	2, 652, 513	3, 002	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, 364	226, 040	185	Ky.
187	1, 711, 432	473, 088	269	1, 885, 993	451, 758	134	2, 138, 619	477, 646	201	Tenn.
238	1, 228, 832	908, 282	979	1, 447, 032	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, 981	2, 281, 951	794, 898	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, 467	91, 595	3, 212, 899	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, 007	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, 080	70, 699	346	6, 362	81, 425	516	9, 117	Nev.
108, 415	4, 023, 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	29, 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, 539	16, 999, 221	8, 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, 298	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, 866	41, 043	44, 526
Massachusetts	1, 230, 773	1, 429, 784	1, 093, 258	1, 202, 191	401, 959	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, 898	5, 397, 951	6, 254, 301	1, 700, 302	2, 198, 863	4, 912, 575
New York	3, 668, 266	4, 473, 946	2, 844, 083	3, 351, 491	873, 566	1, 133, 307	2, 786, 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, 692	4, 370, 186	1, 881, 521	2, 182, 978	3, 223, 279
Ohio	3, 669, 122	4, 325, 311	838, 251	921, 783	385, 823	439, 891	678, 697
Indiana	2, 329, 544	2, 605, 744	227, 066	225, 153	141, 593	150, 105	150, 868
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, 126	1, 946, 472	1, 251, 752	1, 320, 255	1, 371, 961
Minnesota	827, 627	1, 114, 316	708, 126	655, 750	347, 019	380, 613	486, 164
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, 084	272, 240	202, 018	200, 919	186, 026
North Dakota	207, 966	256, 622	203, 073	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, 697	1, 792, 499	16, 371	15, 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, 269, 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, 867	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, 398	13, 975
Louisiana	941, 724	1, 172, 572	67, 016	61, 797	43, 009	48, 881	44, 871
Oklahoma	1, 679, 107	1, 994, 305	53, 083	48, 495	49, 036	53, 901	39, 968
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, 084	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, 455
Nevada	36, 285	47, 570	11, 701	12, 365	7, 911	9, 215	14, 802
Pacific	2, 887, 387	4, 433, 736	884, 372	1, 118, 320	548, 007	786, 554	1, 033, 868
Washington	711, 706	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	73,051	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	790	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	1,052,699	6,757	5,940	7,709	8,812	14,005	3,266	3,662	M. A.
3,191,549	198,483	412,814	2,898	5,503	6,973	5,793	9,665	2,686	2,930	N. Y.
844,442	117,132	208,828	454	100	213	1,190	1,783	325	439	N. J.
1,233,051	284,568	431,257	3,405	337	523	1,829	2,557	255	293	Pa.
3,223,924	514,554	930,450	58,317	15,695	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,.34	80,810	111,982	9,642	125	285	283	279	81	71	Ind.
1,218,158	182,274	328,972	28,906	194	469	2,776	3,192	472	564	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	37,263	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	20	19	Iowa.
149,390	178,241	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	308	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	98	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.
13,017	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	163	Fla.
57,665	2,523,532	2,658,238	1,403	1,623	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.
7,040	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	60,618	95,670	1,534	1,582	578	687	W. S. C.
10,173	472,220	478,463	409	105	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	30,601	30,225	249,314	76,899	102,083	4,339	3,252	10,792	11,418	Mt.
72,961	1,658	1,256	2,571	10,956	14,798	872	486	1,074	753	Mont.
30,454	920	668	1,278	3,098	3,688	585	335	1,569	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	8,005	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.
1,159,765	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	2,363	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	98.9	98.9	98.8	1.0	1.1	1.2	77.3	39.3	28.3	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	95.9	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	66.4	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	9.8
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	96.1	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	8.6	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	95.6	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	22.6	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	56.8	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	96.2	.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	98.0	98.2	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	58.1	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	53,320,223	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	6,903,958	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	33,497,232	33,865,228	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	10,356,983	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	25,337,903	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	1,127,926	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	5,949,693	6,015,411	29,071,885	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	2,979,674	3,134,123	14,720,163	6,186,667	1,895,607	30,032
White	5,074,431	5,621,105	5,455,278	5,486,937	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	86,548	81,319	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	102,956	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	4,866,974	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	4,852,965	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	698,294	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	20,905	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.[1]	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	63,797	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	30,025	64.2
Charleston, S. C	54,955	55,807	58,833	67,957	62,265	28,202	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	204,123	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	33,264	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	17,289	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, 32,810,

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	49,477	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	1,508	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	108,696	142,750	17.7	395,888	408,986	Baltimore.
36,103	41,681	40.8	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	29.1	10,943	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	70,250	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	44,616	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	3,736	6.2	1,354	1,741	2.9	4,526	6,764	11.2	29,681	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	57,932	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.
121,665	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	10,573	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	25.1	37,620	31,235	10.9	6,847	14,884	5.2	139,872	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	399,281	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	10,036	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.
39,608	46,971	41.0	28,215	29,156	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	13,303	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	6,469	4.1	81,897	74,595	Flint.
20,784	20,580	17.9	6,634	5,729	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	2,266	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	21,434	21.3	54,593	46,833	Gary.

[3] 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	63,558	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	40,351	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	20,098	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	25,566	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	5,263	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.
13,789	14,239	26.9	12,661	14,362	27.1	444	1,279	2.4	27,367	25,592	Highland Park.
29,945	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.
19,323	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	7,593	6.2	14,474	22,696	18.6	60,867	60,900	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	54,329	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	1,298	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	25,929	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.
49,793	46,994	46.9	38,040	26,129	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	29,062	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.
31,930	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	949	2,110	3.9	27,904	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	54,629	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	32,666	35,536	Mobile.
1,725	1,740	2.6	761	631	1.0	19,833	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	79,549	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.
2,303,082	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.[5]
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.
68,563	86,230	30.4	45,162	49,488	17.4	12,257	16,590	5.8	142,434	141,629	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	91,638	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	33,740	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	73,758	70.3
Philadelphia, Pa.	1,046,964	1,293,697	1,549,008	1,823,779	1,950,961	698,782	740,698	38.0
Pittsburgh, Pa.	[7] 943,904	[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	14,762	34,121	67.0
Portland, Me.	36,425	50,145	58,571	69,272	70,810	35,969	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	23,696	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	30,000	54,153	78.2
Rochester, N. Y.	133,896	162,608	218,149	295,750	328,132	111,976	127,436	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	350,482	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	76,299	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.	19,902	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
[illegible]	24,963	34,159	51,678	59,183	71,864	35,255	46,204	64.4
[illegible]	44,179	62,059	88,926	129,614	149,900	48,945	58,056	38.7
[illegible]	21,850	28,267	35,201	39,631	57,527	33,852	51,522	89.6
[illegible]	31,895	38,253	46,921	60,840	68,743	43,037	50,973	74.2
[illegible]	88,143	108,374	137,249	171,717	209,326	80,072	101,920	48.7
[illegible]	36,006	37,714	83,743	96,965	106,817	44,657	52,217	48.9
[illegible]	5,532	15,839	37,782	51,608	101,161	17,542	43,096	42.6
[illegible]	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	42,307	34.4
Troy, N. Y.	60,956	60,651	76,813	71,996	72,763	33,080	37,423	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	26,036	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	56,838	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	109,072	16.3	38,082	55,500	8.3	332,576	337,241	Pittsburgh.
8,429	14,189	21.9	5,185	9,162	14.1	628	3,399	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.
10,546	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	33,098	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	10,239	5.6	4,637	4,046	2.2	54,093	53,058	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.
110,792	123,163	37.5	71,321	74,696	22.8	1,661	2,838	.9	100,261	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	11,099	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.
239,894	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	29.9	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	74,290	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	1,886	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	46,823	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	1,296	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	1,449	1.8	39,295	39,888	Sioux City.
36,254	42,689	41.1	24,182	29,545	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	32,642	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	103,680	105,646	Syracuse.
29,336	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	147,691	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	2,690	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	12,592	11.8	10,786	12,138	11.4	53,297	53,300	Wilmington.
442	778	1.0	296	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	1,198	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	86,739	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	8,020,603	8,871,780	11,791,841	11,882,063	11,748,399	.8	−1.1
Northwestern Europe	3,494,484	4,380,752	4,202,683	4,239,067	3,830,094	3,728,050	−9.6	−2.7
England	664,160	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	1,871,509	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	53,090	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	2,187,778	3,420,629	4,136,646	6,024,041	6,134,845	5,897,799	1.8	−3.9
Germany[2]	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	423,726	[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[6]	[6] 1,205	[6] 1,839	[6] 9,910	[7] 32,230	5,284	2,257	−83.6	−57.3
Southern Europe	58,265	208,648	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				(7)	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	2,858	5,901	16,255	106.5	175.5
Asia	107,630	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	807,230	1,088,245	1,317,380	1,489,231	1,727,017	2,102,209	16.0	21.7
Canada and Newfoundland[8]	717,157	980,938	1,179,922	1,209,717	1,138,174	1,310,369	−5.9	15.1
Canada—								
French[8]		302,496	395,126	385,083	307,786	370,852	−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	**11,877,991**	**86.6**	**11,740,121**	**87.8**
Northwestern Europe	**3,828,978**	**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 and Irish Free State	1,000,000	7.6	178,832	1.3
			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	**4,330,860**	**31.6**	**4,225,815**	**31.6**
Germany	1,686,102	12.3	1,608,814	12.0
Poland	1,139,978	8.3	1,268,583	9.5
Czechoslovakia	362,436	2.6	491,038	3.7
Austria	575,625	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	1,400,489	10.2	1,153,624	8.6
Latvia			20,673	.2
Estonia			3,550	(2)
Lithuania	135,068	1.0	193,606	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	67,453	.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	23,071	.2
Mexico	[3] 478,383	3.5	23,743	.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**	**73,636**	**.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	5,603	3,355	62.9
Switzerland	67,918	45,092	60.1
France	104,865	30,367	77.5
Central Europe	**3,312,950**	**912,885**	**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	**1,451,325**	**220,155**	**86.8**
Russia	1,041,173	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
Rumania	131,465	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	**21,739**	**3,326**	**86.7**
Asia	**142,889**	**14,691**	**90.7**
Turkey in Asia	43,272	3,379	92.8
Armenia	28,829	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	**53,118**	**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	808,672	354,323	60,205	178,832	744,810	347,852	595,250	179,474	133,133	64,194
New England	1,334,310	135,490	54,226	2,834	33,527	193,113	8,860	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	1,454	462	377	1,429	127	1,089	140	34	22
Massachusetts	1,064,636	78,418	32,724	1,358	20,378	138,366	5,454	36,810	3,070	1,890	1,956
Rhode Island	170,714	24,696	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	1,806	18,453	3,129	548	425
Middle Atlantic	5,269,042	276,133	137,361	28,336	92,559	361,502	55,697	91,045	26,978	30,960	12,692
New York	3,191,549	146,485	67,623	7,037	41,521	251,704	44,882	61,233	17,407	14,909	6,144
New Jersey	844,442	51,629	34,721	1,532	15,750	47,486	7,870	13,360	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	14,585	23,322	93,851	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	840,268	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	3,332	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	65,648	2,159	612	265	351	862	13,061	6,540	5,208	3,068	239
Nebraska	115,346	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	562	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	2,835	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	160	65	201	19
South Carolina	5,266	479	179	13	90	185	65	106	39	24	52
Georgia	13,917	1,328	534	83	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	100	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	25,839	13,246	5,038	1,343
Montana	72,961	6,020	2,721	580	1,095	3,950	8,991	5,655	2,541	1,253	509
Idaho	30,454	3,252	1,025	355	284	616	2,148	4,200	1,667	341	118
Wyoming	19,658	2,105	1,424	222	179	584	647	1,783	775	101	139
Colorado	85,406	6,891	2,877	1,061	900	3,184	1,261	8,328	2,374	810	390
New Mexico	7,797	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	1,159,785	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	1,694	2,154	4,942	31,429	34,084	7,175	3,484	1,242
Oregon	105,475	8,077	3,820	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	135,232	1,608,814	1,268,583	491,638	370,914	274,450	211,416	1,153,624	193,606	20,673	U. S.
78	3,541	11,723	50,005	136,774	16,024	11,946	11,107	1,334	103,310	41,753	2,906	N. E.
5	51	314	813	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	101	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	25,760	13,247	339	Conn.
867	30,985	52,449	572,571	619,628	199,705	216,000	136,753	54,662	659,250	89,882	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	416,569	190,709	82,600	100,773	102,437	175,188	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	10,156	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	16,468	34,348	9,340	674	Mich.
596	7,669	1,459	128,269	42,350	19,580	12,709	6,490	12,266	16,418	4,109	331	Wis.
2,874	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	7,928	3,484	2,753	15,689	805	167	Mo.
202	369	237	10,114	2,128	1,869	1,407	898	336	22,617	121	33	N.Dak.
380	618	229	12,739	717	2,589	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	2,164	334	2,781	8,781	158	11	Kans.
85	2,248	3,950	38,225	26,239	8,309	7,575	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	2,260	155	115	Ga.
39	500	902	5,464	945	638	825	652	160	2,012	168	62	Fla.
19	1,561	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	6,800	14,885	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	1,375	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	20,865	614	135	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	9,088	2,488	1,714	2,468	690	3,650	12,979	262	61	Colo.
5	117	259	936	97	142	316	59	490	219	24	4	N.Mex.
12	279	303	1,433	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	115,296	20,318	10,105	18,035	7,879	19,045	59,554	2,963	1,632	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
[illegible]	89	13,077	1,689	116	217	16,780	126,103	798	24,840	3,116	7,705	7,403
[illegible]	10	448	480	48	38	1,100	32,493	110	8,118	282	1,909	1,249
[illegible]	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	2,126	15,126	442	117	11,646	225,979	2,840	1,291	2,969	1,591	5,521
East North Central	401	42,948	43,871	4,914	424	49,101	244,504	4,563	546	7,500	5,827	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	1,032	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	48	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	218	105	11,449	39,512	8,277	393	782	328	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	69	160	16	25	1,347	4,330	148	23	85	68	305
Virginia	9	68	172	9	23	1,285	1,855	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	10	3	30	------	413
Georgia	6	104	143	8	12	1,197	712	79	90	46	23	411
Florida	40	333	645	38	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	1,589	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	62	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	1,435	640	20	6,716	23,774	3,430	224	256	193	1,207
Montana	29	2,700	641	197	1	840	2,840	67	14	67	43	166
Idaho	9	358	110	29	1	414	1,153	1,086	18	12	14	45
Wyoming	10	633	55	68	2	888	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	822	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	890	260	17,131	122,251	13,793	22,910	1,402	6,272	2,835
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[2]	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	23,743	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	587	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	------	71	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	8,046	3,551	7,099	9,884	20,149	2,626	198	166	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	669	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	1,483	709	7	123	1,290	Ill.
3,564	936	28,539	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	16	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	399	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.
185	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	262	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	4,455	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.
298	267	3,678	23,302	134	2,284	70	104	513	618	153	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	------	29	N. Mex.
29	53	158	1,860	15	1,086	19	21	58	85	2	4	67	Ariz.
34	22	97	1,093	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	154,083	876	8,324	458	783	7,357	5,964	12,742	1,066	5,669	Pac.
646	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 a[illegible] total, and from Spanish mother tongue, the estimated number of [illegible] 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	13,255,394	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
[illegible]	362,199	345,522	2.7	2.6	−4.6	201,778	195,131	160,421	150,391
[illegible]	187,162	178,944	1.4	1.3	−4.4	113,150	109,550	74,012	69,394
[illegible]	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	110,197	.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	189,066	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	614,870	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	274,948	240,196	2.1	1.8	−12.6	160,617	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		58,685		.4			32,312		26,373
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] 2,039	1,372	------	------	−32.7	1,061	672	978	700
[illegible]	182,227	165,053	1.4	1.2	−5.3	112,557	96,164	69,670	68,889
[illegible]		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	67,830	.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] [illegible]

[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	2,118,196
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	391,888	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	29,992	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	3,703
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	23,298	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	1,358	939	69.1	188	179	1,351	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	4,569	26,887	17,267	64.2	1,864	6,845
Luxemburg	5,383	4,462	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	6,589	12,258	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
[illegible]	656,348	363,922	55.4	110,597	169,496	560,282	252,427	45.1	30,238	264,097
[illegible]	240,763	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	128,180	67,012	52.3	7,788	49,188
Yugoslavia	126,732	60,234	47.5	24,040	39,562	75,706	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	55,700	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	49,298	65.5	11,751	12,767	64,058	35,832	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	62,049	49.9	22,701	36,516	41,717	12,825	30.7	2,158	25,349
Albania	6,146	2,227	36.2	1,385	2,396	1,913	360	18.8	98	1,410
Italy	986,531	645,729	65.3	119,191	299,015	693,177	303,114	43.7	21,840	347,291
Spain	40,250	7,554	18.8	6,008	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	5,993	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	1,032	54.7	124	684
Syria	30,994	17,997	58.1	4,707	7,449	23,131	9,876	42.7	1,082	11,356
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	161,060	81,177	50.2	6,633	67,570
Canada—Other	364,192	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	2,057	19.6	794	6,685	8,672	2,732	31.5	229	4,940
Central and South America	18,052	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

[illegible] enship was not reported.
[illegible] States.
[illegible] 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, 811	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, 380
Maine	487, 125	244, 320	242, 805	197, 844	197, 046	153, 689	151, 979
New Hampshire	294, 055	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, 659	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, 285	8, 057, 827	7, 627, 458	5, 013, 332	5, 048, 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	898, 602	894, 572	769, 727	760, 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, 336, 937	3, 315, 275	2, 229, 203	2, 161, 565
Minnesota	1, 537, 983	797, 960	740, 023	577, 121	568, 332	227, 425	215, 765
Iowa	1, 506, 129	765, 863	740, 266	668, 246	662, 364	443, 975	435, 426
Missouri	2, 269, 657	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	104, 395	145, 621	83, 978	73, 135
Nebraska	812, 450	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, 028	2, 964, 483	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, 181	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, 306	544, 681	552, 915
South Carolina	819, 384	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, 814, 288	1, 797, 376
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, 487, 846	2, 353, 497	2, 278, 927	2, 149, 292
Arkansas	968, 231	494, 949	473, 282	359, 862	340, 696	346, 077	328, 216
Louisiana	1, 134, 852	566, 908	567, 944	341, 731	340, 354	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, 666	1, 080, 004	1, 021, 821
Mountain	2, 108, 221	1, 142, 751	965, 470	866, 977	769, 280	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, 068	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	248, 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, 989	2, 592, 941	2, 086, 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, 039
Oregon	621, 375	331, 805	289, 570	235, 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	406,409	25,838,207	U. S.
714,344	792,564	851,225	870,489	29,595	29,175	4,061	972	1,622,348	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	86,164	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	136,298	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	2,347,969	350,152	346,165	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	5,527,666	E. N. C.
389,677	419,958	335,484	275,065	105,736	93,555	3,366	817	1,414,197	Ohio.
128,875	134,020	73,845	55,189	38,250	35,392	5,616	1,553	666,223	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	1,116,699	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	18,042	2,718,748	W. N. C.
349,696	352,567	212,991	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	897	491,185	Iowa.
177,653	194,024	78,726	65,350	75,937	74,520	2,585	1,163	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	196,602	162,775	126,484	1,073,366	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	663	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	248,683	279,404	213	49	552,234	Ga.
30,202	33,067	30,362	25,053	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.
11,951	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.
208,919	204,205	94,543	70,087	614,877	621,099	194,664	174,481	2,548,615	W. S. C.
13,785	12,480	5,900	4,051	128,795	128,335	392	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	46,667	36,093	4,189	4,381	16,427	11,477	213,703	Colo.
6,768	6,510	4,641	2,898	981	787	21,569	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	114,468	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	761,596	715,562	657,383	605,870	601,804	626,368
3	Maine	75,037	79,727	74,061	68,083	60,575	53,110	52,613	52,853
4	New Hampshire	39,350	43,543	42,028	38,822	34,867	31,562	31,759	32,472	
5	Vermont	33,232	34,765	33,713	31,371	27,829	24,590	23,415	23,782	
6	[illegible]	349,640	390,657	387,003	366,149	345,573	324,135	321,499	335,441	
7	[illegible]	59,624	67,620	64,744	62,414	56,677	51,690	51,374	52,099	
8	[illegible]	132,899	152,530	160,046	148,123	131,862	120,783	121,144	120,721	
9	**Middle Atlantic**	2,214,805	2,470,204	2,447,292	2,354,216	2,303,339	2,187,974	2,115,881	2,133,190
10	New York	989,294	1,084,839	1,078,186	1,071,313	1,[illegible]	1,[illegible]	1,[illegible]	1,[illegible]
11	New Jersey	329,668	380,918	384,342	364,396	[illegible]	[illegible]	[illegible]	[illegible]
12	Pennsylvania	895,843	1,004,447	984,764	918,507	[illegible]	[illegible]	[illegible]	[illegible]
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	683,189	676,053	675,072	663,150	621,798	638,994
17	Michigan	463,441	486,970	455,469	416,886	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**	1,205,621	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	180,705	192,934
21	Iowa	220,277	242,963	235,820	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	1,482,588	1,217,758	1,050,257	1,047,428
28	Delaware	19,283	22,321	22,614	21,173	20,122	18,241	17,857	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	43,587
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	193,265	175,334	153,487	130,593	116,803	112,145
33	North Carolina	391,150	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	120,468	98,859	104,760
35	Georgia	316,404	363,910	338,860	334,836	288,126	222,930	183,399	186,969
36	Florida	141,832	152,127	142,881	138,215	137,814	128,299	110,119	110,752
37	**East South Central**	1,122,861	1,203,971	1,092,200	1,051,163	929,003	759,930	635,006	631,872
38	Kentucky	292,866	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	313,682	331,713	303,440	294,168	259,361	208,954	164,883	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	1,425,421	1,296,077	1,230,160	1,192,732	1,023,872	864,409	837,621
43	Arkansas	208,709	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	204,537	235,846	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	408,579	382,579	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	18,480	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	46,346	43,135	37,797	32,382	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	46,072	37,333	33,967	32,472
55	Nevada	7,123	7,850	7,062	6,875	7,285	7,756	7,312	7,762
56	**Pacific**	589,079	682,927	645,179	649,976	683,514	688,733	689,214	686,472
57	Washington	114,854	126,013	138,393	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	
7,990,195	7,042,279	5,975,804	4,645,677	3,751,221	2,770,605	1,950,004	1,106,390	534,676	272,130	94,022	1
556,446	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	12,554	6,407	3,435	591	3
29,681	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	11,621	6,441	3,018	1,475	221	7
114,060	97,558	81,504	64,176	53,241	40,127	26,775	15,126	7,382	3,909	937	8
1,851,303	1,587,001	1,334,184	1,035,773	830,598	600,469	403,506	220,204	102,584	49,883	18,344	9
924,958	780,651	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	224,168	170,465	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	2,269	15
557,637	470,373	383,102	298,912	246,310	183,196	123,566	66,215	31,751	16,345	7,383	16
334,001	275,659	221,237	171,220	137,264	105,038	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	257,863	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	107,596	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	41,648	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	15,211	11,058	6,294	2,949	1,403	376	24
89,856	76,815	64,691	52,041	42,783	34,431	25,525	14,834	7,583	3,821	750	25
120,437	107,622	95,816	78,789	63,848	49,727	37,791	23,039	12,431	6,480	719	26
873,082	783,598	690,506	498,869	393,400	278,086	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	28,732	21,609	16,958	11,712	7,694	4,315	2,265	1,267	1,782	30
136,024	125,667	110,423	82,033	65,198	45,935	34,815	20,321	10,212	5,395	1,184	31
94,645	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	592	34
151,156	133,154	131,455	84,633	67,562	45,142	33,738	19,505	9,564	5,329	1,844	35
91,775	81,647	67,965	51,589	40,757	29,785	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	41,769	24,518	11,881	6,084	1,388	38
141,554	128,582	124,309	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	29,184	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	372,352	282,875	192,729	141,073	83,978	40,862	22,155	6,813	42
98,025	96,405	79,352	59,439	44,001	29,986	22,381	13,255	6,448	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	76,782	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	1,668	799	214	49
16,281	13,013	10,243	7,358	5,409	3,988	2,592	1,336	565	226	178	50
69,330	62,302	53,363	42,608	35,427	26,883	18,190	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	1,259	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	762	392	221	50	55
633,580	567,490	476,998	368,418	301,732	228,385	157,806	86,722	41,576	20,471	16,161	56
118,105	108,280	90,223	69,260	57,530	44,440	30,075	16,110	7,329	3,549	1,980	57
71,976	65,663	55,296	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	8.9	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	8.6	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	7.6	7.3	7.5	6.6	5.8	4.9	3.9	3.1	2.3	1.5	1.5
E. North Central	8.7	9.5	9.2	8.8	8.6	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	5.1	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	8.6	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	7.8	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	8.6	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	10.0	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	5.1	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
[illegible]	[illegible]	11.7	10.7	10.6	9.6	7.8	6.6	6.6	5.4	4.9	4.8	3.4	2.6	1.9	1.3	1.4
[illegible]	[illegible]	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
[illegible]	[illegible]	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
[illegible]	[illegible]	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
[illegible]	[illegible]	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
[illegible]	[illegible]	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
[illegible]	[illegible]	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	.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	8.8	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			
	1900	1910	1920	1930	Native parentage	Foreign or mixed parentage	Foreign-born white	Negro
NUMBER								
All ages	75,994,575	91,972,266	105,710,620	122,775,046	70,138,614	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*	*2,217,342*	*2,257,255*	*2,190,791*	*1,549,340*	*345,962*	*1,428*	*232,378*
5 to 9 years	8,874,123	9,760,632	11,398,075	12,607,609	8,321,038	2,513,415	121,691	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	6,932,503	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	661,992	1,203,191
25 to 29 years	6,529,441	8,180,003	9,086,491	9,833,608	5,509,780	2,042,910	1,021,006	1,071,787
30 to 34 years	5,550,039	6,972,185	8,071,193	9,120,421	4,916,005	1,946,931	1,246,830	864,514
35 to 39 years	4,964,781	6,396,100	7,775,281	9,208,645	4,675,975	1,875,978	1,631,667	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	3,464,612	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	504,590
55 to 59 years	2,211,172	2,786,051	3,549,124	4,645,677	2,300,842	963,652	1,028,613	309,397
60 to 64 years	1,791,363	2,267,150	2,932,548	3,751,221	1,821,621	744,795	910,577	242,169
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	99,096
75 to 79 years	519,857	667,302	856,560	1,106,390	612,330	157,752	269,780	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	205,469	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	148,699	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
					55 to 59 years	2,425,992	2,219,685	3.9	3.7
Under 5 years	5,806,174	5,638,216	9.3	9.3	60 to 64 years	1,941,508	1,809,713	3.1	3.0
Under 1 year	*1,112,171*	*1,078,620*	*1.8*	*1.8*	65 to 69 years	1,417,812	1,352,793	2.3	2.2
5 to 9 years	6,381,108	6,226,501	10.3	10.3	70 to 74 years	991,647	958,357	1.6	1.6
10 to 14 years	6,068,777	5,936,100	9.8	9.8	75 to 79 years	547,604	558,786	.9	.9
15 to 19 years	5,757,827	5,794,290	9.3	9.6	80 to 84 years	251,138	283,538	.4	.5
20 to 24 years	5,336,815	5,533,563	8.6	9.1	85 to 89 years	90,893	114,576	.1	.2
25 to 29 years	4,860,180	4,973,428	7.8	8.2	90 to 94 years	20,431	31,233	(2)	.1
30 to 34 years	4,561,786	4,558,635	7.3	7.5	95 to 99 years	4,283	6,750	(2)	(2)
35 to 39 years	4,679,860	4,528,785	7.5	7.5	100 years and over	1,403	2,561	(2)	(2)
40 to 44 years	4,136,459	3,853,736	6.7	6.4	Unknown	51,816	42,206	.1	.1
45 to 49 years	3,671,924	3,370,355	5.9	5.6					

[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	35,704
Female	18,499	20,497	23,574
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
[illegible]	2,673	2,574	3,146
[illegible]	17,974	11,597	10,180
Under 5 years	5,363	5,699	6,356
Under 1 year	1,108	1,152	1,339
5 to 9 years	4,026	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	106,946
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	1,120,399
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	226,408
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	186,160
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	0.8	1, 763, 740	13.1	1, 842, 161	22.9
10 to 20 years	598, 794	2.7	171, 564	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	207, 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, 804	3.2	163, 227	.6	60, 369	.4	1, 058, 845	10.0	395, 849	9.2
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	.5	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	29.2
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, 228	3.5	52, 050	.6	30, 693	.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, 166	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, 845	8.8	36, 454	4.7
10 to 20 years	13, 607	.3	7, 424	.2	3, 305	.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, 068	1.4	53, 276	.8	15, 562	.5	51, 982	4.9	21, 170	7.6
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, 328	10.4	662, 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, 970	4.2	38, 826	2.3	137	.5	18	1.1	59, 563	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	14.8
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	6.5
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, 929	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, 316	.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	146, 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 o[illegible]

[2] Figures for native white of foreign or mi[illegible] white in 1920 include persons of the Mexican race who were given a [illegible]

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	70,150
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	25,310	33,553
Middle Atlantic	757,228	337,079	420,149	82,743	636,479	32,223	327,351	410,815
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	228,325	213,739	110,284	281,645	36,454	215,661	212,796
Ohio	123,804	63,489	60,315	32,387	74,131	16,213	61,239	58,493
Indiana	43,721	24,609	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	29,960	391	21,721	20,880
West North Central	156,068	83,165	72,903	68,338	51,982	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	4,649	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	314,583	31,328	662,055	455,746	403,595
[illegible]	7,805	4,160	3,645	1,896	2,302	3,496	3,984	3,536
[illegible]	49,910	26,987	22,923	13,202	11,539	25,073	25,105	21,807
[illegible]	6,611	2,827	3,784	533	1,411	4,591	2,741	3,715
[illegible]	162,588	93,666	68,922	65,482	1,738	95,148	78,805	61,645
[illegible]	62,492	36,791	25,701	42,476	9,788	10,173	33,224	23,629
[illegible]	236,261	130,482	105,779	93,372	450	139,105	107,944	94,279
[illegible]	192,878	99,523	93,355	36,246	297	156,065	74,332	77,980
Georgia	210,736	115,869	94,867	46,808	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	71,939	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	675,791	350,340	325,451	182,467	15,958	302,280	293,650	280,982
Arkansas	96,818	53,666	43,152	35,890	666	60,102	45,541	38,656
Louisiana	219,750	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	29,046	15,962	1,070	51,435	55,969
Montana	7,303	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	14.0	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	12.6	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	19.2	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	3.9	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	2.8
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**	**2,025,033**	**439,478**	**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	90,509	172,525	17,444	4,102	474	31.8	60.5	6.1
New Hampshire	168,465	54,469	100,586	10,680	2,545	185	32.3	59.7	6.3
Vermont	131,484	44,303	77,076	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**	**5,873,131**	**421,004**	**50,541**	**22,634**	**35.6**	**59.2**	**4.4**
New York	4,714,608	1,718,371	2,761,998	197,157	22,117	15,055	36.4	58.6	4.2
New Jersey	1,476,159	512,215	892,349	62,415	7,137	2,043	34.7	60.5	4.2
Pennsylvania	3,390,215	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	2,869,347	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	392,557	625,578	48,946	10,814	2,082	36.3	57.9	4.5
West North Central	**4,844,547**	**1,673,552**	**2,876,764**	**227,980**	**58,184**	**8,067**	**34.5**	**59.4**	**4.7**
Minnesota	939,795	367,844	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	125,670	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	21,694	5,645	890	34.6	59.7	4.4
Kansas	685,114	217,606	422,595	33,161	10,279	1,473	31.8	61.7	4.8
South Atlantic	**5,167,443**	**1,757,814**	**3,129,689**	**233,004**	**36,338**	**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	588,895	205,202	348,063	28,854	4,860	1,907	34.8	59.1	4.9
District of Columbia	181,673	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**	**158,157**	**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	270,671	541,796	41,673	8,209	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**	**1,325,261**	**2,565,026**	**195,546**	**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	692,100	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**	**439,101**	**775,861**	**62,515**	**24,269**	**2,301**	**36.1**	**57.3**	**4.6**
Montana	211,910	86,283	111,496	9,397	4,333	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	47,317	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**	**1,163,985**	**1,886,558**	**147,295**	**84,583**	**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	130,768	221,806	18,332	10,126	497	34.3	58.1	4.8
California	2,285,734	808,309	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	573,148	52,385	26.4	61.1	11.1	U. S.
3,044,692	972,313	1,697,691	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.
585,639	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.
8,961,187	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.
1,155,964	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	124,032	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.
471,298	123,988	296,670	44,089	6,072	479	26.3	62.9	9.4	Nebr.
653,414	155,766	418,552	68,989	9,672	435	23.8	64.1	10.6	Kans.
5,246,825	1,414,211	3,145,495	626,831	53,461	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.
682,733	158,968	346,675	69,352	5,853	1,885	27.3	59.5	11.9	Md.
204,556	61,709	109,427	29,766	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	133,496	346,568	46,874	5,600	311	25.1	65.0	8.8	W. Va.
1,001,408	293,855	596,027	103,850	6,704	972	29.3	59.5	10.4	N. C.
553,305	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.
3,996,245	917,077	2,553,815	445,917	71,142	8,294	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	14,397	444	21.3	67.2	9.5	Okla.
1,933,472	449,553	1,231,276	213,763	37,182	1,698	23.3	63.7	11.1	Tex.
1,173,018	274,065	761,361	116,611	19,988	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.
357,236	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	56,054	13,701	875	22.5	64.6	10.3	Wash.
339,219	74,867	218,946	36,489	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	36,920,663	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	21,949,266	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	10,229,306	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	428,073	.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	28,083,047	32,210,106	100.0	100.0	25,740,858	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	19,200,906	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	11,244,289	14,013,140	58.9	60.0	11,195,865	14,143,668	60.4	61.6
Widowed	874,821	976,085	4.6	4.2	1,885,000	2,227,860	10.2	9.7
Divorced	134,789	279,723	.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	34.9
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	1,865,047	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	3,423,100	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	2,039,181	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	897,500	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	15,242,615	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—									
[illegible]	[illegible]	[illegible]	6,850,950	429,680	172,211	33.9	60.5	3.8	1.5
[illegible]	[illegible]	[illegible]	3,154,845	195,869	62,597	44.5	51.1	3.2	1.0
Fo[illegible]	[illegible]	[illegible]	3,952,186	329,770	47,928	21.3	71.6	6.0	.9
Females, total	25,986,592	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	54,700	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
[illegible]	6,824,165	2,560,477	3,555,597	613,842	84,950	37.5	52.1	9.0	1.2
	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	146,490	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	1,239,342	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
[illegible]	2,352,323	643,880	1,501,641	188,770	15,964	27.4	63.8	8.0	.7
	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	29,904,863	14,002,074	15,319,817	44.6	48.8	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	186,106	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	64,823	53,078	48.7	54.3	49.1	44.5	4.09	3.89	3.79
Vermont	85,804	89,188	52,813	35,563	56.4	59.2	41.6	39.9	4.11	4.02	3.93
Massachusetts	874,798	1,021,160	439,238	569,645	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	3,483,389	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	5,143,913	6,362,323	3,395,203	2,868,065	51.4	58.4	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	474,196	353,807	53.6	56.2	44.2	42.0	3.97	3.84	3.77
Illinois	1,534,077	1,929,396	882,099	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	711,389	440,197	256,811	62.5	61.8	35.7	36.1	4.42	4.12	4.04
W. North Central	2,957,949	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	349,008	243,696	50.4	57.7	38.4	40.2	4.54	4.21	4.11
Iowa	586,070	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	459,810	461,203	48.4	48.9	49.3	49.1	4.11	3.85	3.76
North Dakota	134,881	145,005	81,352	57,390	62.9	56.1	33.4	39.6	4.80	4.68	4.62
South Dakota	142,793	161,013	82,482	72,902	59.3	51.2	37.2	45.3	4.46	4.29	4.24
Nebraska	303,436	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	1,466,339	1,969,291	40.6	41.8	56.3	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	270,946	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	652,793	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	1,658,994	40.7	39.0	55.9	57.8	4.57	4.24	4.16
Arkansas	390,960	438,639	162,767	251,807	43.8	38.5	53.3	57.4	4.48	4.22	4.19
Louisiana	380,913	485,368	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	1,380,096	557,686	779,269	41.5	40.4	55.4	56.5	4.58	4.21	4.15
Mountain	803,553	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	56,887	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	106,992	45,808	56,380	41.2	43.2	55.1	53.2	4.17	4.09	3.96
Utah	98,346	115,936	69,583	44,610	59.0	60.0	39.2	38.5	4.57	4.37	4.29
Nevada	21,862	25,469	11,551	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	1,453,222	1,124,366	224,255	104,601	5,928
Maine	197,826	158,087	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	89,926	72,711	2,542	115,293	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	4,465,195	3,732,533	500,565	232,097	14,544
New York	3,153,124	1,753,641	1,297,716	95,621	1,735,056	1,299,216	275,924	159,916	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	2,008,996	1,852,481	125,051	31,464	3,565
East North Central	6,362,823	4,733,353	1,390,480	222,240	5,312,851	4,731,798	424,556	156,497	13,658
Ohio	1,697,918	1,339,077	281,756	75,709	1,474,893	1,335,303	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	1,929,396	1,313,653	530,272	78,737	1,406,127	1,153,819	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	2,860,810	139,849	36,578	7,731
Minnesota	606,496	417,174	183,895	2,592	542,051	503,000	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	33,033	166	154,334	149,928	3,584	822	319
Nebraska	342,999	279,529	57,817	3,700	325,979	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	131,180	974,592	3,243,552	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
[illegible]	529,089	377,679	10,373	140,726	492,575	466,083	22,550	3,942	984
[illegible]	373,941	325,305	22,258	26,274	352,749	336,834	13,301	2,614	723
[illegible]	644,033	457,087	3,762	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	396,793	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	97,793	15,866	3,427
Kentucky	609,405	538,218	10,470	60,672	566,329	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
[illegible]	591,625	361,656	7,326	222,533	554,565	523,935	27,270	3,360	844
[illegible]	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	81,776	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	564,164	492,672	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,[illegible],505	56,996	13,375	3,193
Mountain	914,408	694,118	136,437	8,743	846,808	809,645	27,800	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	267,324	210,335	41,476	3,538	242,548	230,607	8,304	3,637	1,099
New Mexico	98,546	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	12,048
Washington	423,333	309,320	105,869	2,059	382,539	368,917	8,843	4,779	2,212
Oregon	266,328	216,260	46,669	674	246,568	239,069	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.—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	10,503,388	7,382,357	2,564,634	480,324	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	531,277	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	852,063	249,018	59,404	6,840	11.1	11.5	9.7	12.4	9.0
$3,000 to $4,999	2,343,769	1,675,141	603,331	59,377	5,920	22.3	22.7	23.5	12.4	7.8
$5,000 to $7,499	2,207,029	1,508,879	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	6,676	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	354,337	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	[illegible]					100.0	100.0	100.0	100.0	100.0
Rent [illegible]						12.7	10.9	4.2	37.2	39.1
$10 [illegible]						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	90,545	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	53,281	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	[illegible]		
Urban	5,743	5,849	6,076	1,945	$1,291	32.06	34.11	[illegible]		
Rural-nonfarm	2,661	2,772	3,168	(2)	(2)	12.01	13.14	[illegible]		

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

No. 43.—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	20,968,803	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	500,990	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	523,338	193,720	41,156	7.6	7.2	9.1	6.9	10.4
7 persons	1,393,356	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	118,572	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	138,816	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—										
[illegible]	17,587,354	12,216,802	3,544,030	1,655,217	171,305	58.8	58.3	61.8	59.0	43.3
[illegible]	5,745,158	4,184,091	1,045,547	467,575	67,945	19.2	19.9	18.2	16.7	17.2
[illegible]	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	96,106	53,172	15,692	22,725	4,517	.3	.3	.3	.8	1.1
Families having—										
[illegible]	[illegible]	1,227,676	371,311	86,227	18,657	6.0	6.3	6.5	3.1	4.7
[illegible]	[illegible]	468	3,116,525	1,532,551	260,161	62.1	65.1	54.3	54.7	65.8
[illegible]	[illegible]	458	1,288,825	758,898	72,635	21.1	20.0	22.5	27.1	18.4
[illegible]	[illegible]	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

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**	**989, 468**	**1, 600, 429**	**$4, 778**
New England	**802, 593**	**21, 612**	**25, 422**	**26, 304**	**70, 795**	**179, 693**	**212, 943**	**97, 294**	**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	6, 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, 629	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, 565**	**188, 024**	**490, 139**	**641, 016**	**337, 442**	**637, 610**	**6, 467**
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, 480**	**290, 854**	**614, 716**	**640, 459**	**295, 894**	**399, 085**	**5, 035**
Ohio	748, 412	31, 601	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, 848	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, 906	67, 430	47, 137	11, 428	10, 385	3, 657
Missouri	300, 093	28, 779	22, 683	20, 328	39, 112	68, 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, 997	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, 149	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, 703	42, 204	12, 055	19, 149	4, 525
Dist. of Columbia	47, 190	78	211	249	850	3, 435	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, 869
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, 698**	**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, 192	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, 376**	**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, 095	5, 900	3, 922	3, 146	5, 964	7, 593	3, 176	622	773	2, 433
Wyoming	15, 269	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	562	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, 098
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	29, 445	6, 133	9, 137	3, 316
Oregon	111, 762	9, 135	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	19,251,540	1,469,060	1,890,907	1,809,387	2,545,209	3,191,485	1,503,401	343,071	255,339	$27.15
New England	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11,815	27.49
Maine	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New Hampshire	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Vermont	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Massachusetts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	3,382,819	128,125	194,826	274,998	677,338	1,103,907	[illegible]	[illegible]	[illegible]	36.84
New York	1,923,410	30,346	70,886	121,903	331,529	636,369	[illegible]	[illegible]	[illegible]	41.94
New Jersey	495,802	7,582	19,523	35,407	110,629	187,412	[illegible]	[illegible]	[illegible]	37.49
Pennsylvania	963,607	90,197	104,417	117,596	235,180	280,126	84,475	21,306	15,936	26.91
E.N.Central	2,542,573	157,675	219,987	257,332	520,036	729,137	443,743	109,467	57,296	32.53
Ohio	690,692	41,406	64,998	79,796	170,342	227,370	75,180	14,546	7,998	29.08
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	182,857	11,855	20,327	26,451	45,275	53,113	18,118	2,600	1,393	26.83
Iowa	172,445	16,669	29,011	29,701	44,415	38,521	8,049	1,128	416	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	3,061	5,037	4,641	6,113	6,342	2,555	203	67	22.08
S. Dakota	35,746	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	5,693	892	497	22.61
Kansas	136,466	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	181,462	71,455	16,444	11,424	14.17
Delaware	23,497	2,963	2,587	2,742	5,691	6,294	2,013	308	248	25.58
Maryland	151,923	19,398	17,183	17,801	39,044	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	9,646	1,837	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	1,299	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	110,845	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	27,575	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	248,529	164,038	118,163	185,044	144,573	42,735	8,063	4,667	16.92
Arkansas	103,324	42,708	19,201	10,297	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	55,869	47,380	74,088	63,893	17,634	2,826	1,832	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	6,557	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	7,034	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	61,144	82,975	100,562	261,142	353,419	106,805	19,948	16,199	29.82
Washington	149,822	14,885	20,223	22,356	39,331	33,430	10,519	1,567	921	23.60
Oregon	93,093	13,143	14,009	14,681	24,212	19,641	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	57,949,824	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	925,679	281,306	30.4	935,766	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	602,322	65.0	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	18,996,959	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	9,904,654	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**	**49,949,798**	**38,077,804**	**76.2**	**48,773,249**	**10,752,116**	**22.0**
10 to 13 years	9,622,492	235,328	2.4	4,862,291	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	4,799,505	89.9	5,533,563	2,347,548	42.4
25 to 29 years	9,833,608	6,255,677	63.6	4,860,180	4,714,266	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	9,208,645	5,619,242	61.0	4,679,860	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	3,671,924	3,569,094	97.2	3,370,355	706,976	21.0
50 to 54 years	5,975,804	3,555,091	59.5	3,131,645	2,996,041	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	1,072,900	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	91,449	2.2	321	.5	66,323	13.3	4,167	4.8
14 and 15 years	205,931	10.1	2,202	6.3	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	509,352	91.9	166,770	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	38.8	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	48,129	19.1	2,800	7.6
16 and 17 years	403,308	20.5	22,991	38.6	81,719	31.7	6,329	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	983,864	12,224,345	3,561,943	5,118,787	838,622	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	21,049	33,876	61,146	144,364
20 to 24 years	1,156,936	33,572	130,183	1,556,865	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	500,921	670,867	101,168	233,630	205,957	264,727
35 to 39 years	895,899	28,856	133,189	1,586,037	480,106	685,919	99,400	219,188	225,774	217,274
40 to 44 years	849,079	27,353	120,256	1,416,114	398,055	591,139	84,704	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	385,803	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	1,888,307	281,204	962,680	17,583	1,526,234	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	80,531	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	68,689	40	75	178,510	20,943	112,422	2,504	156,604	355,605	152,209
40 to 44 years	65,157	39	52	144,425	12,889	96,016	2,442	119,390	306,597	97,730
45 to 49 years	67,113	26	53	113,402	8,275	78,683	2,196	93,231	281,591	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	49,112	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	26,198	9	12	22,072	894	10,909	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
[illegible]	[illegible]	9, 582, 666	1, 083, 146	25. 6	29. 0	12. 7	89. 8	10. 2
		269, 541	673	. 6	. 8	-------	99. 8	. 2
		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, 662	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
[illegible]	3, 253, 884	1, 727, 650	1, 526, 234	6. 7	4. 5	14. 2	53. 1	46. 9
[illegible]	4, 952, 451	1, 772, 200	3, 180, 251	10. 1	4. 7	29. 6	35. 8	64. 2
[illegible]	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	226, 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, 653	3, 651	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 [illegible] impossible to group the 1920 occup[illegible]ever, that the effect of the differen[illegible]ible. Figures have been adjusted [illegible]' in 1920 (see Note 5).

[2] Since, in 1[illegible] 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)." [illegible] "Wage workers" probably is so [illegible] 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	1,090,223	1,087,359	2,864	984,323	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	20,798	20,749	49	16,154	16,153	1
Other and not specified mine operatives	20,591	20,533	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
[illegible]nders	11,603	10,366	1,237	10,928	10,575	353
[illegible] [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) [5]	249,950	241,619	8,331	312,756	302,334	10,422
[illegible]	183,695	178,750	4,945	207,901	202,190	5,711
[illegible]	[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, repairshops	(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	3,657	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	24,612	24,568	44	31,210	31,169	41

[3] Manu[illegible] [illegible]achine tenders.
an[illegible] [illegible]as follows: Apprentices, steam railroad, telegraph
tic[illegible] [illegible]. Apprentices, wholesale and retail trade; Armen
"[illegible]ers", and draftsmer[illegible]
[5] Persons emp[illegible] [illegible] 1 in "Agriculture, forestry, etc.," in 1920, were transferred to "Man[illegible]" 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
japanners	4,137	3,168	969	5,758	4,622	1,136
lishers:						
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
[illegible]	[8] 70,416	[8] 51,287	[8] 19,129	117,467	88,604	28,863
	1,722	1,692	30	1,587	1,572	15
factories	7,379	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	17,984	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	2,766	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.						
[illegible]	91,291	60,844	30,447	91,852	61,049	30,803
[illegible]	17,482	13,576	3,906	14,834	11,606	3,228
[illegible]	18,244	10,043	8,201	15,036	8,492	6,544
[illegible]	2,986	2,834	152	2,950	2,824	126
[illegible]	6,239	4,432	1,807	5,902	3,877	2,025
[illegible]	15,083	8,946	6,137	13,979	7,766	6,213
[illegible]	2,464	2,186	278	2,014	1,840	174
[illegible]	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
[illegible]	18,135	17,573	562	7,164	6,890	274
tories [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
[illegible]	32,226	28,598	3,628	28,993	25,395	3,598
[illegible]	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]	57,820	54,016	3,804	58,986	56,389	2,597
Other woodworking factories	35,330	20,208	5,622	35,059	27,806	7,253
Paper, [illegible]	155,524	87,679	67,845	165,911	102,421	63,490
Blank [illegible] 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 [illegible]	20,452	7,077	13,375	14,284	5,767	8,517
Printing [illegible]	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
[illegible]	8,454	4,714	3,740	5,469	3,067	2,402
[illegible]	3,543	2,538	1,005	4,275	2,566	1,709
[illegible]	[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	12,608	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	49,269	49,218	51
Electrical machinery and supply factories	64,841	37,452	27,389	117,327	72,012	45,315
[illegible]	86,204	67,370	18,834	80,835	59,546	21,289
[illegible]	14,102	7,751	6,351	1,818	584	1,234
[illegible]	1,138	1,130	8	1,368	1,360	8
[illegible]	[15] 197,268	[16] 131,747		268,405	158,906	109,499
				153,152	123,252	29,900
Laborers (n. o. s.[6]):						
Building, general, and not specified laborers						
Laborers and helpers, building construction	686,722	671,487	15,235	1,115,667	1,104,132	11,535
General and not specified laborers	(7)	(7)	(7)	419,802	419,675	127
	(7)	(7)	(7)	695,865	684,457	11,408
Chemical [illegible]	[16] 134,313	[16] 130,699	[16] 3,614	151,918	148,507	3,411
[illegible]	9,384	9,352	32	4,783	4,772	11
[illegible] works 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 [illegible]

[12] [illegible] "Leather [illegible] ba[illegible] ures for 1920 [illegible] facto[illegible] [illegible] the [illegible] ng factories" in 1930.

[13] [illegible]

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

[15] [illegible] 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
[illegible]	1,757	899	858	1,159	550	609
[illegible]	989	825	164	1,142	966	176
[illegible]	2,708	1,317	1,391	4,136	2,314	1,822
[illegible]	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	8,315	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
[illegible]	18,121	17,983	138	15,997	15,839	158
[illegible]	13,058	9,743	3,315	19,544	14,987	4,557
[illegible]	59,548	55,436	4,112	43,045	39,384	3,661
[illegible]	15,733	15,414	319	9,298	9,038	260
Other food factories	16,686	14,119	2,567	16,963	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	50,788	50,194	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	20,131	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	1,664	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
[illegible]	4,268	3,805	463	2,921	2,632	289
[illegible]	283	237	46	721	661	60
Other	[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
Buttons, [illegible]	1,407	1,093	314	1,129	940	189
[illegible]	15,417	15,255	162	35,665	35,650	15
[illegible] tories	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
Shoe factories	577	513	64	148	136	12
[illegible]	25,830	25,395	435	37,620	37,313	307
[illegible]	[19] 275,701	[19] 248,504	[19] 27,197	179,539	162,875	16,664
Transportation and communication	**3,096,829**	**2,872,559**	**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]	420,189	419,450	739	111,224	111,178	46
Garage owners, managers, and officials	42,151	41,944	207	69,965	69,543	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]						
[illegible]	16,819	16,789	30	16,377	16,361	16
[illegible]	25,305	25,271	34	18,300	18,300	
[illegible]	114,107	114,107		88,197	88,197	
[illegible]	74,539	74,539		73,332	73,332	
[illegible]	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 [illegible] drivers very successful.
[illegible] and the extraction of minerals are classified with the other workers in those [illegible] vers for b[illegible] deliverymen in trade, and drivers [illegible] delivery[illegible] vice.
[24] Included [illegible], an[illegible]
[25] Because [illegible] isus [illegible] some stationary engineers were include[illegible] 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[20]	31,935	20,727	11,208	34,421	20,818	13,603
[illegible]	(27)	(27)	(27)	4,955	4,909	46
	37,917	37,905	12	71,625	71,624	1
	9,403	8,969	434	16,176	15,997	179
[illegible]	[27] 79,434	[27] 62,574	[27] 16,860	67,821	51,699	16,122
[illegible]	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[20]	1,312	1,304	8	6,097	6,031	66
Foremen and overseers (n. o. s.[9])	29,863	29,824	39	52,135	52,061	74
Air transportation	(21)	(21)	(21)	181	181	
Garages, [illegible] mobile 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.[9])	33,432	33,229	203	51,063	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	7,369	7,362	7	13,704	13,700	4
[illegible]	5,088	5,011	77	12,674	12,647	27
[illegible]	5,966	5,963	3	11,329	11,327	2
([illegible]	5,920	5,826	94	4,661	4,637	24
[illegible]	30,197	29,552	645	37,990	34,987	3,003
	(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
[illegible]	48,124	46,634	1,490	85,717	83,794	1,923
ing	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	4,257,684	3,585,701	671,983	6,081,467	5,118,787	962,680
Advertising agents	(31)	(31)	(31)	49,020	43,364	5,656
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	93,356	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	8,853	7,698	1,155	20,149	13,911	6,238
[illegible]	[34] 170,235	[34] 170,039	[34] 196	159,444	159,328	116
	20,604	16,565	4,039	32,564	27,928	4,636
	5,833	5,802	31	5,590	5,440	159

[illegible] ns. [21] Not classified separately in 1920.
[illegible] 20.
[illegible] graph operators in 1920. [28] See Note 4, p. 56.
[illegible] Other professional pursuits" in 1920, were trans-
ferr[illegible]
[illegible] "Other transportation and communication."
[illegible] occupations."
[illegible] rsons specifically returned as "Clerks in stores."
[illegible] chauffeurs, others as teamsters or truck drivers.
[illegible] nestic 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
[illegible]	119,918	114,835	5,083	256,927	243,974	12,953
[illegible]ance cos	15,060	14,754	306	29,308	27,556	1,752
[illegible] 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	8,858	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	140,135	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	(38)	(38)	(38)	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	23,804	22,976	828
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	[39] 91,107	[39] 85,085	[39] 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	24,469	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	3,754	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. [illegible] 1920. [35] Included in "Other proprietors."
[36] Includes [illegible] [37] [illegible] pharmacists.
[39] "Retail d[illegible]ed i[illegible] dealers" in 1920.
[39] Canvasse[illegible], we[illegible] in 1930.
[40] Included [illegible]

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
[illegible] (city)	33,505	31,918	1,587	48,309	45,200	3,109
[illegible] (county)	22,092	18,830	3,262	30,086	24,231	5,855
[illegible] (State)	9,126	8,596	530	15,236	14,256	980
[illegible] (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	2,171,251	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	19,811	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	32,941	31,227	1,714	47,068	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	5,030	3,367	1,663	6,117	4,554	1,563
Photographers	34,259	27,140	7,119	39,529	31,163	8,366
Physicians and surgeons	144,977	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]	37,689	37,678	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
[illegible]	24,897	24,655	242	29,129	28,819	310
[illegible]	(50)	(50)	(50)	11,916	9,203	2,713
[illegible]	(51)	(51)	(51)	1,923	1,888	35
[illegible]	[50] 14,774	[50] 6,872	[50] 7,902	17,640	7,866	9,774
[illegible] tions	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] [illegible]
[28] See note 4, p. 56.
[41] [illegible] classified in "Transportation and communication" in 1930.
[42] [illegible] United States at date of enumeration.
[43] [illegible] legiate rank.
[44] [illegible] classified.
[45] [illegible]
[46] See note 29, p. 61.
[47] [illegible]
[48] [illegible]
[50] [illegible]
[51] [illegible]
owner[illegible]

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.						
[illegible]	(58)	(58)	(58)	15,988	8,288	7,700
[illegible]	4,257	3,187	1,070	10,521	8,765	1,756
[illegible]	(7)	(7)	(7)	170,384	114,759	55,625
[illegible]	(54)	(54)	(54)	16,168	16,047	121
[illegible]	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 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]						
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
[illegible]	221,612	17,262	204,350	256,746	20,383	236,363
[illegible]	178,628	149,590	29,038	309,625	273,805	35,820
[illegible]	59 32,893	59 31,224	59 1,669	71,687	67,337	4,350
[illegible]	396,756	10,882	385,874	361,033	4,565	356,468
[illegible]	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]	(59)	(59)	(59)	20,573	20,558	15
Foremen and overseers	3,611	2,076	1,535	6,337	3,583	2,754
Laborers	13,107	5,570	7,537	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	22,513	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	165,406	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	63 149,427	62 11,640	196,107	182,630	13,477
[illegible]	734,688	375,564	359,124	930,648	447,937	482,711
[illegible]	118,451	105,073	13,378	191,571	174,557	17,014
[illegible]	616,237	270,491	345,746	739,077	273,380	465,697
[illegible]	1,487,905	1,015,742	472,163	1,997,000	1,290,447	706,553
[illegible]	113,022	98,768	14,254	90,379	81,430	8,949
[illegible]	615,154	50,410	564,744	811,190	36,050	775,140

[7] [illegible] available. [21] Not classified separately in 1920.

[53] [illegible] groups—"Semiskilled operatives, other chemical factories"; "Other occu[illegible] 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 [illegible]

[56] "Laborers, profes[illegible] Laborers, domestic and personal service" [illegible] vice."

[57] Some owners of h[illegible]

[58] Some deliverymen [illegible]

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

[60] "Attendants, pool rooms, bowling alleys, golf clubs, etc.," classified in "Professional service"; "Bell boys, chore boys, etc.," which [illegible] see 62 below.

[61] [illegible] classified in "Trade" in 1920 and "County agents [illegible] etc.," [illegible] in 1930, included with "Agents" in "Cle[illegible] 1920. [illegible] occupations" in 1920, were transferred to "[illegible]

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	38,064,737	38,077,804	78.2	76.2	8,549,511	10,752,118	21.1	22.0
New England	2,363,377	2,489,486	80.4	75.8	871,015	941,681	29.0	27.5
Maine	245,013	240,110	77.9	74.4	64,845	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	28,397	19.2	19.9
[illegible]	1,225,163	1,285,316	80.9	75.8	503,155	528,999	31.6	29.2
[illegible]	194,438	209,343	82.0	77.2	80,562	87,829	32.7	30.4
[illegible]	443,653	499,201	81.0	76.0	146,252	178,007	27.1	26.8
Middle Atlantic	7,122,699	8,322,037	80.1	76.9	2,117,517	2,635,509	24.1	24.5
New York	3,367,909	4,108,232	80.4	78.1	1,135,295	1,415,105	26.9	26.9
New Jersey	1,014,663	1,295,594	80.8	77.6	295,990	416,512	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	1,564,041	2,065,414	18.9	20.4
Ohio	1,891,546	2,076,158	79.4	75.6	409,970	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	178,754	204,090	70.9	72.4	28,328	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	71,789	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	4,096,041	4,581,790	77.5	75.7	1,243,958	1,473,514	23.8	24.1
Delaware	73,122	77,221	79.7	77.1	18,102	20,883	20.8	21.6
[illegible]	466,257	515,187	80.0	77.4	137,221	157,692	23.8	23.9
[illegible]	143,401	155,028	82.6	78.4	92,626	88,825	45.5	40.1
[illegible]	677,366	697,944	76.4	74.4	156,210	182,267	18.1	19.5
[illegible]	433,677	488,254	76.0	72.5	57,439	82,198	11.2	13.1
[illegible]	693,155	868,006	75.5	74.7	202,697	272,965	21.9	22.9
[illegible]	468,601	480,976	77.6	76.4	205,656	206,761	33.4	31.2
Georgia	840,412	850,219	78.6	77.4	288,745	311,939	26.7	27.4
Florida	300,050	448,955	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	719,629	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	18.6
Arkansas	518,754	548,652	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	586,834	698,658	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	79.8	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	963,664	12,224,345	3,561,943	5,118,787	838,622	1,727,650	1,772,200
New England	206,338	22,007	6,601	1,175,759	232,075	368,617	75,897	124,777	125,705
Maine	49,973	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	7,687	1,435	603,316	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	9,189	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	[illegible]			459,079	497,318
New York	260,233	5,196	9,119	1,568,416	4 [illegible]			252,223	314,451
New Jersey	61,975	2,845	3,633	580,945	1 [illegible]			75,135	68,866
Pennsylvania	243,850	5,433	299,038	1,203,772	8 [illegible]			131,721	113,999
East North Central	1,413,202	25,662	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	1,652,311	11,144	53,120	898,148	385,735	546,327	66,270	169,337	155,259
Minnesota	204,294	6,040	10,735	185,558	72,685	106,140	13,501	33,788	30,103
Iowa	324,072	772	8,662	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	1,356	6,854	4,737
South Dakota	127,584	217	1,496	25,935	14,179	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	166,993	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	56	84	41,866	16,174	26,612	13,165	16,645	16,746
[illegible]	252,530	11,349	16,003	179,833	67,483	71,198	25,431	23,440	25,181
[illegible]	112,767	5,208	109,900	122,064	44,762	41,709	5,318	18,560	13,390
[illegible]	429,303	8,996	2,739	221,930	48,019	76,607	11,520	23,285	27,672
[illegible]	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	62,810	79,554	9,802	23,747	28,968
Alabama	383,316	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	28,391	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	236,104	116,122	131,691	24,604	53,034	48,705
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	5,438	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	5,634
Nevada	8,710	120	4,992	7,817	5,680	3,630	584	1,871	2,331
Pacific	498,520	63,452	47,572	852,344	273,036	477,372	81,092	173,049	178,540
Washington	99,374	31,894	5,710	176,909	56,326	75,928	15,715	25,581	25,329
Oregon	78,769	18,625	2,165	98,865	34,030	45,261	6,058	15,379	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	194,484	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	619,546	80,255	231,748	3,293	353,868	699,807	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.
116,678	2,086	2	5	108,770	12,090	32,245	461	51,816	104,698	104,339	N. J.
175,981	7,075	4	113	212,818	19,847	81,781	1,032	108,204	218,513	154,505	Pa.
466,113	37,946	16	193	373,534	65,297	225,294	3,696	303,286	584,776	471,376	E. N. C.
116,602	8,064	-------	44	101,791	15,688	60,897	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	109,330	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	293,665	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	18,848	450	39,171	49,403	28,411	Iowa.
66,022	12,635	5	12	53,035	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.
3,999	3,158	-------	2	1,747	1,099	4,080	181	10,950	11,725	4,368	S. D.
14,494	3,865	-------	-------	5,835	3,281	10,294	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	159,760	519,036	150,168	S. A.
4,108	579	-------	-------	4,075	427	1,809	28	2,602	7,147	4,216	Del.
33,685	2,677	6	-------	34,730	3,499	14,111	257	18,745	56,277	27,390	Md.
22,622	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	256,873	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	81	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	33	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	79,828	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	77,894	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	963	-------	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	19,480	45	58	79,797	22,917	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Adventists (5 bodies)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B[illegible]	57,808	60,192	7,153,313	8,440,922	415,798	6,149,474	1,875,650
[illegible]	[illegible]	7,611	[1] 1,190,863	1,289,966	49,897	1,122,211	117,858
[illegible]	[illegible]	23,374	[2] 2,708,870	3,524,378	182,828	2,805,542	536,008
[illegible]	[illegible]	1,431		117,858	1,149	103,899	12,810
[illegible]	[illegible]	22,081	[2] 2,992,421	3,196,623	178,230	1,921,338	1,097,055
[illegible]	[illegible]	1,024	54,833	79,592	1,190	65,786	12,616
[illegible]	[illegible]	2,267	80,317	81,374	75	42,283	39,016
[illegible]	[illegible]	2,404	126,015	151,131	2,429	88,415	60,287
Brethren, German Baptist (Dunkers)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1,283	1,279	133,626	158,248	9,769	137,343	*11,136*
[illegible]	1,263	1,044	118,737	112,795	7,411	93,500	11,884
[illegible]	[3]	1,913	[3]	202,008	[illegible]	[illegible]	[illegible]
[illegible]	866	1,444	32,259	[illegible]	[illegible]	[illegible]	4,490
[illegible]	5,570	6,226	317,937	[illegible]	[illegible]	[illegible]	433,714
Congregational Churches	[4] 5,900	5,023	[4] 809,236	[illegible]	[illegible]	[illegible]	112,871
Disciples of Christ	8,396	7,648	1,226,028	[illegible]	[illegible]	[illegible]	142,023
Eastern Orthodox Churches	301	446	249,840	259,394	59,913	186,399	13,082
[illegible]	[illegible]	153	119,871	119,495	23,020	87,844	8,631
[illegible]	[illegible]	199	99,681	95,134	26,003	65,751	3,380
[illegible]	[illegible]	94	30,288	44,765	10,890	32,804	1,071
[illegible]	[illegible]	2,054	[5] 210,530	206,080	10,410	186,910	8,760
[illegible]	[illegible]	153		20,449	1,205	19,012	232
[illegible]	[illegible]	1,287	339,853	314,518	[illegible]	314,518	[illegible]
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	[illegible]	[illegible]	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*	*[3] 2,445,883*	*3,966,003*	*1,086,652*	*2,731,969*	147,382
United Luth. Church in America	[7] 3,559	3,650	[1] 1,030,178	1,214,340	304,723	865,844	43,773
[illegible]	1,165	1,180	[6] 271,927	311,425	76,920	232,733	1,772
[illegible] ence of America [8]	3,620	4,752	[1] 1,112,065	1,292,620	370,685	860,021	61,914
[illegible] Church of America	[9] 2,740	2,564	[6] 459,944	496,707	146,306	328,306	22,095
[illegible] lo and other States	326	872	[6] 236,010	247,783	73,234	170,043	4,506
[illegible] d other States	977	873	[6] 186,027	217,873	63,798	150,159	3,916
[illegible] ies)	1,034	1,221	[6] 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 [illegible]	[illegible]	60,644	7,166,885	8,070,619	686,940	6,190,559	1,193,120
Methodis	[illegible]	26,130	3,717,785	4,080,777	313,840	3,260,505	516,432
Methodis	[illegible]	2,239	186,908	192,171	11,551	150,373	30,247
[illegible]	19,184	18,096	2,114,479	2,487,694	239,647	1,820,330	427,717
[illegible]	6,633	6,708	548,355	545,814	42,230	358,833	144,751
[illegible]	2,716	2,466	257,169	456,813	57,977	391,960	6,876
[illegible]	2,621	2,518	245,749	202,713	14,964	129,643	58,106
[illegible]	2,750	2,487	96,440	104,637	6,731	88,915	8,991
P[illegible]	*34*	*91*	*28,245*	*61,574*	*16,151*	*35,950*	9,473
Presbyterian	840	14,848	2,255,626	2,625,284	122,361	2,281,698	221,225
Presbyterian	773	8,947	[10] 1,625,817	1,894,030	77,700	1,653,033	163,297
Cumberland Presbyterian Church	4,318	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	3,469	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	7,299	[6] 1,480,898	1,859,086	462,310	1,299,351	97,425
R[illegible]	2,745	2,082	[6] 556,171	617,551	35,891	524,155	57,505
[illegible]	715	717	144,929	153,739	1,951	118,664	33,124
[illegible]	[11] 1,804	1,709	[6] [11] 354,225	361,286	1,995	339,344	19,947
[illegible]	[illegible]	11	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	693,945
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10,921
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	*2,184*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32,761
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4,446
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66,718

[1] Includes Free Baptist churches, but excludes Negro churches.
[illegible] Negro churches [illegible] the Northern Baptist Convention. [3] Not reported.
[illegible] rch of North America.
[illegible] elical Church. [6] Partly estimated.
[illegible] and General Council (except Augustana Synod).

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	**202,930**	**$3,839,500,610**	**216,042**	**$317,214,528**	**184,686**	**21,038,526**
Adventists (5 bodies)	1,819	11,069,449	2,336	7,610,863	1,759	102,779
Baptist bodies	52,281	469,827,795	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	19,333	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)	1,200	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	114,850,211	7,250	22,967,484	6,680	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	4,883,515	195	838,453	90	5,770
All other (5 bodies)	79	1,893,875	83	247,153	35	2,629
[illegible]	1,989	25,380,761	2,036	5,951,009	2,000	280,195
[illegible]	142	2,319,400	153	574,165	148	27,395
[illegible]	1,253	35,789,581	1,274	6,002,900	1,146	171,402
[illegible]	343	6,159,725	354	1,272,455	347	46,820
Friends (4 bodies)	819	10,217,657	854	1,687,785	727	67,889
Jewish Congregations	1,136	97,401,688	1,290	19,076,451	531	70,380
Latter Day Saints (2 bodies)	1,415	18,983,315	1,769	3,095,895	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	2,223,383	778	50,878
All other (12 bodies)	979	8,219,499	1,149	1,767,382	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	406,165,659	25,790	89,422,307	24,730	3,796,561
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	41,651,150	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	87,535,390	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	986	3,321,287	961	759,021	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	67,798,658	3,330	15,612,028	2,959	367,795
All other (5 bodies)	402	4,584,625	422	1,290,858	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	14,810,436	2,489	465,725
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	26,074
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	5,552
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, DELINQUENTS, AND DEPENDENTS

[Data in this section relate to continental United States. See also general note, p. 71]

No. 54.—DEFECTIVES, DELINQUENTS, AND DEPENDENTS: BY STATES

NOTE.—For later data for prisoners and patients in State and Federal institutions see Tables 61, 62, 66, and 67

Division and State	Number enumerated							Ratio per 100,000 of population			
	Apr. 1, 1930		Jan. 1, 1923					Apr. 1, 1930		Jan. 1, 1923	
	Deaf-mutes	Blind	Patients in hospitals for mental disease	Feeble-minded in institutions	Prisoners [1]	Juvenile delinquents [2]	Paupers in almshouses	Deaf-mutes	Blind	Patients in hospitals for mental disease	Prisoners
United States	57,084	63,489	267,617	42,954	100,619	27,238	78,090	46.5	51.7	245.0	99.7
New England	3,607	3,952	26,876	5,009	5,948	2,803	9,529	44.2	48.4	352.7	77.6
Maine	444	626	1,864	467	511	288	745	55.7	78.5	240.6	65.9
New Hampshire	222	251	1,399	393	244	167	870	47.7	53.9	313.5	54.6
Vermont	214	223	1,277	179	357	207	234	59.5	62.0	362.3	101.3
Massachusetts	1,820	1,924	15,869	3,034	3,134	1,229	5,629	42.8	45.3	390.0	78.3
Rhode Island	339	347	1,630	377	547	196	889	49.3	50.5	262.8	87.7
Connecticut	568	581	4,837	559	1,165	516	1,162	35.3	36.2	333.8	79.0
Middle Atlantic	11,896	10,013	70,535	13,393	20,706	6,613	18,564	43.4	38.1	306.4	89.4
New York	5,373	4,418	40,986	7,278	10,635	3,202	8,740	42.7	35.1	382.6	98.7
New Jersey	1,324	1,222	8,864	1,633	2,594	887	1,764	32.8	30.2	267.4	77.5
Pennsylvania	4,699	4,373	20,685	4,482	7,477	2,524	8,060	48.8	45.4	230.0	82.7
East North Central	12,168	14,120	56,881	10,323	21,059	4,987	21,405	48.1	55.8	255.0	93.7
Ohio	3,047	4,154	13,163	2,510	5,638	1,604	6,872	45.8	62.5	218.8	92.9
Indiana	1,713	2,204	6,595	1,565	2,911	832	3,128	52.9	68.1	220.6	97.0
Illinois	3,315	4,490	19,061	2,458	6,166	1,200	6,415	43.4	58.8	284.4	91.4
Michigan	2,336	1,742	8,971	2,132	4,722	750	3,262	48.2	36.0	230.7	120.0
Wisconsin	1,757	1,530	9,091	1,658	1,622	601	1,728	59.8	52.1	335.6	59.5
West North Central	7,145	8,751	31,355	6,547	10,264	3,223	7,298	53.7	65.8	245.4	80.0
Minnesota	1,226	1,049	6,691	1,892	2,211	738	1,032	47.8	40.9	271.2	89.0
Iowa	1,162	1,577	6,902	1,596	1,946	555	1,711	47.0	63.8	281.7	79.1
Missouri	1,999	3,879	8,806	779	2,726	904	2,712	55.1	106.9	250.5	79.3
North Dakota	306	195	1,269	338	338	160	120	44.9	28.6	190.9	50.6
South Dakota	425	253	1,297	424	377	94	171	61.3	36.5	199.5	57.7
Nebraska	854	552	2,988	751	932	336	573	62.0	40.1	225.8	70.2
Kansas	1,173	1,246	3,402	767	1,734	441	979	62.4	66.2	190.1	96.7
South Atlantic	7,276	8,226	28,637	2,444	17,301	4,241	6,875	46.1	52.1	198.1	118.9
Delaware	64	101	518	50	318	153	277	26.8	42.4	226.9	138.6
Maryland	737	799	4,719	773	1,866	912	1,368	45.2	49.0	316.8	124.6
Dist. of Col.	118	157	3,931		473	380	313	24.2	32.2	898.4	100.5
Virginia	1,373	1,405	5,129	644	2,466	542	1,211	56.7	58.0	216.1	103.4
West Virginia	791	814	2,134	359	1,972	481	702	45.7	47.1	139.8	128.2
North Carolina	1,334	1,318	3,692	308	1,738	544	1,474	42.1	41.6	139.3	65.1
South Carolina	846	1,028	2,414	123	1,255	477	451	48.7	59.1	139.8	72.3
Georgia	1,288	1,788	4,150	47	5,622	403	872	44.3	61.5	139.7	188.4
Florida	725	816	1,950	140	1,591	349	207	49.4	55.6	190.4	153.7
East South Central	4,619	6,053	13,450	621	9,849	1,465	4,097	46.7	61.2	148.1	108.9
Kentucky	1,316	1,977	4,708	531	2,484	618	1,457	50.3	75.6	192.2	101.1
Tennessee	1,426	1,540	3,407	15	1,986	272	1,477	54.5	58.9	143.3	83.3
Alabama	1,048	1,415	2,718		3,571	575	768	39.6	53.5	113.1	148.0
Mississippi	829	1,121	2,617	75	1,808	(3)	395	41.2	55.8	146.2	101.0
West South Central	5,700	6,128	14,936	739	9,344	1,570	2,075	46.8	50.3	140.7	7.4
Arkansas	918	1,101	2,121	7	1,555	205	578	49.5	59.4	118.0	86.0
Louisiana	1,062	1,252	3,322	170	1,940	134	174	50.5	59.6	181.0	105.3
Oklahoma	1,372	1,167	2,895	330	1,957	293	250	57.3	48.7	136.3	91.3
Texas	2,348	2,606	6,598	232	3,892	938	1,073	40.3	44.7	135.7	79.4
Mountain	1,777	2,363	6,471	731	3,441	1,144	1,778	48.0	63.8	184.0	96.8
Montana	305	235	1,438	91	405	182	324	56.7	43.7	242.3	67.2
Idaho	136	156	609	253	337	271	193	30.6	35.1	132.6	72.5
Wyoming	80	53	426	128	358	59	62	26.6	23.5	205.9	171.0
Colorado	532	751	2,147	259	1,184	483	667	51.4	72.5	220.0	120.4
New Mexico	263	607	392		262	42	(4)	62.1	143.4	106.3	70.7
Arizona	174	259	554		422	92	206	39.9	59.5	150.7	112.8
Utah	277	238	700		264	(3)	188	54.5	46.9	149.3	55.8
Nevada	30	64	205		209	15	138	32.9	70.3	264.8	270.0
Pacific	3,396	3,885	18,476	3,147	7,043	1,387	6,469	41.4	47.4	312.1	117.5
Washington	746	792	3,815	803	1,358	334	769	47.7	50.7	270.2	95.4
Oregon	549	496	2,066	675	577	193	580	57.6	52.0	328.4	70.6
California	2,101	2,597	11,995	1,669	5,108	860	5,120	37.0	45.7	324.4	136.2

[1] Total includes 4,604 prisoners in Federal prisons.
[2] In special institutions.
[3] Not reported.
[4] No almshouses maintained.

Source: Bureau of the Census, Department of Commerce.

GENERAL NOTE.—The figures contained in this section can not be taken as an absolute index of conditions. The provisions for the care of these classes are so divergent in different States, and in the same State at different times, that the enumeration of persons in certain institutions may be far from reflecting the true differences or changes in the relative number of such persons in the population at large. Moreover, the methods of enumeration have been changed from time to time. The difficulty of formulating an adequate definition, the large element of personal judgment of the enumerator, and reluctance on the part of individuals to admit defects, all affect the accuracy of the data

No. 55.—DEAF-MUTE POPULATION ENUMERATED: 1890 TO 1930

Division	Number on date of enumeration					Ratio per 100,000 population				
	1890 [1]	1900 [2]	1910 [3]	1920 [4]	1930 [5]	1890	1900	1910	1920	1930
United States	**40,592**	**24,369**	**44,708**	**44,885**	**57,084**	**64.8**	**32.1**	**48.6**	**42.5**	**46.5**
New England	3,389	1,279	2,373	3,093	3,607	72.1	22.9	36.2	41.8	44.2
Middle Atlantic	7,967	3,974	8,823	8,361	11,396	62.7	25.7	45.7	37.6	43.4
East North Central	9,837	5,634	9,810	10,770	12,168	73.0	35.2	53.8	50.2	48.1
West North Central	6,214	4,082	6,211	5,812	7,145	69.6	39.4	53.4	46.3	53.7
South Atlantic	5,597	3,673	6,260	5,946	7,276	63.2	35.2	51.3	42.5	46.1
East South Central	3,831	2,695	4,458	3,745	4,619	59.6	35.7	53.0	42.1	46.7
West South Central	2,478	2,100	4,298	3,902	5,700	52.3	32.1	48.9	38.1	46.8
Mountain	508	370	1,027	1,211	1,777	41.8	22.1	39.0	36.3	48.0
Pacific	771	562	1,448	2,045	3,396	40.8	23.3	34.5	36.7	41.4

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[4] Deaf-mutes reported by census enumerators and by schools, institutions, and organizations for the deaf.

Source: Bureau of the Census, Department of Commerce.

No. 56.—DEAF-MUTES BY SEX, COLOR OR RACE, AND AGE, 1930

Division	Total number enumerated	By sex		By color or race				
		Male	Female	White	Negro	Mexican	Indian	Other races
United States	**57,084**	**29,249**	**27,835**	**52,165**	**4,191**	**410**	**283**	**35**
New England	3,607	1,738	1,869	3,585	18	---	2	2
Middle Atlantic	11,396	5,677	5,719	11,182	196	1	16	1
East North Central	12,168	6,237	5,931	11,885	260	6	17	---
West North Central	7,145	3,767	3,378	6,954	132	4	55	---
South Atlantic	7,276	3,749	3,527	5,437	1,829	---	9	1
East South Central	4,619	2,432	2,187	3,643	976	---	---	---
West South Central	5,700	2,937	2,763	4,711	749	184	56	---
Mountain	1,777	953	824	1,538	11	122	104	2
Pacific	3,396	1,759	1,637	3,230	20	93	24	29

Division	By age at enumeration								
	Under 5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–44 years	45–64 years	65 years and over	Unknown
United States	**919**	**3,950**	**6,262**	**5,669**	**4,705**	**16,782**	**12,335**	**6,386**	**76**
New England	53	211	267	240	263	960	912	699	2
Middle Atlantic	140	889	1,466	1,309	781	3,057	2,395	1,347	12
East North Central	192	655	846	795	915	3,868	3,267	1,602	28
West North Central	98	435	739	661	532	2,014	1,765	887	14
South Atlantic	146	607	924	809	795	2,220	1,249	521	5
East South Central	92	368	631	584	473	1,329	815	324	3
West South Central	101	415	798	751	537	1,849	859	381	9
Mountain	51	142	202	148	171	524	347	191	1
Pacific	46	228	389	372	238	961	726	434	2

Source: Bureau of the Census, Department of Commerce.

No. 57.—BLIND POPULATION ENUMERATED: 1890 TO 1930

Division	Number on date of enumeration					Ratio per 100,000 population				
	1890	1900 [1]	1910	1920 [2]	1930	1890	1900	1910	1920	1930
United States	50,568	64,763	57,272	52,567	63,489	80.8	85.2	62.3	49.7	51.7
New England	4,367	4,846	4,090	4,699	3,952	92.9	86.7	62.4	63.5	48.4
Middle Atlantic	9,154	10,931	10,001	9,374	10,013	72.1	70.7	51.8	42.1	38.1
East North Central	11,229	14,666	11,731	12,234	14,120	83.4	91.7	64.3	57.0	55.8
West North Central	6,319	8,714	6,679	6,111	8,751	71.1	84.2	57.4	48.7	65.8
South Atlantic	7,867	9,159	8,279	6,694	8,226	88.8	87.7	67.9	47.8	52.1
East South Central	6,190	8,221	7,019	4,935	6,053	96.3	108.9	83.5	55.5	61.2
West South Central	3,640	5,264	5,621	4,258	6,126	80.1	80.6	64.0	41.6	50.3
Mountain	762	1,307	1,787	1,906	2,363	65.9	78.0	67.9	57.1	63.8
Pacific	1,040	1,655	2,065	2,356	3,885	55.6	68.5	49.3	42.3	47.4

[1] Figures relate only to those for whom special schedules were returned.
[2] Blind reported by census enumerators, and by schools for the blind, and other agencies.
Source: Bureau of the Census, Department of Commerce.

No. 58.—BLIND POPULATION BY SEX, COLOR OR RACE, AND AGE, 1930

Division	Total number enumerated	By sex		By color or race				
		Male	Female	White	Negro	Mexican	Indian	Other races
United States	63,489	36,529	26,960	52,861	9,128	784	681	35
New England	3,952	2,099	1,853	3,864	81	----	6	1
Middle Atlantic	10,013	5,685	4,328	9,502	499	1	9	2
East North Central	14,120	8,089	6,031	13,311	763	6	35	----
West North Central	8,751	5,014	3,737	8,057	570	12	111	1
South Atlantic	8,226	4,834	3,392	4,900	3,322	----	4	----
East South Central	6,053	3,482	2,571	3,895	2,154	----	4	----
West South Central	6,126	3,545	2,581	4,067	1,595	362	98	4
Mountain	2,363	1,427	936	1,786	34	245	294	4
Pacific	3,885	2,354	1,531	3,479	105	158	120	23

Division	By age at enumeration								
	Under 5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–44 years	45–64 years	65 years and over	Unknown
United States	504	1,113	1,814	2,039	1,965	10,058	17,814	28,113	69
New England	34	44	77	98	114	553	1,140	1,890	2
Middle Atlantic	105	184	326	326	310	1,586	3,007	4,162	7
East North Central	99	161	246	279	321	2,081	4,027	6,892	14
West North Central	43	163	209	292	218	1,140	2,314	4,303	9
South Atlantic	82	194	309	353	363	1,706	2,356	2,856	7
East South Central	53	117	159	200	238	1,062	1,657	2,560	7
West South Central	55	114	186	234	219	1,082	1,667	2,560	9
Mountain	16	68	77	93	68	328	583	1,129	1
Pacific	17	68	165	164	114	520	1,063	1,761	13

Source: Bureau of the Census, Department of Commerce.

No. 59.—PAUPERS ENUMERATED IN ALMSHOUSES: 1880 TO 1923

NOTE.—Data as to number admitted to almshouses during 1922, by sex, race, and nativity, are shown in Statistical Abstract, 1931, Table 60. No data collected since Jan. 1, 1923

Division	Number on date of enumeration [1]					Ratio per 100,000 of population				
	1880	1890	1904	1910	1923	1880	1890	1904	1910	1923
United States	**66,203**	**73,044**	**81,764**	**84,198**	**78,090**	**132.0**	**116.6**	**100.0**	**91.5**	**71.5**
New England	9,835	9,500	11,495	11,886	9,529	245.2	202.1	193.5	181.4	125.1
Middle Atlantic	24,098	21,643	21,783	23,772	18,564	229.6	170.4	129.2	123.1	80.6
East North Central	16,474	20,279	21,127	21,358	21,405	147.0	150.5	125.7	117.0	96.0
West North Central	3,337	5,336	6,618	6,366	7,298	54.2	60.0	61.2	54.7	57.1
South Atlantic	6,975	8,100	8,298	7,706	6,875	91.8	91.4	74.9	63.2	47.6
East South Central	3,361	4,240	4,768	4,266	4,097	60.2	66.0	60.7	50.7	45.4
West South Central	315	809	1,689	1,630	2,075	9.4	17.8	23.0	18.6	19.5
Mountain	152	367	1,283	1,652	1,778	23.3	31.7	63.4	62.7	50.6
Pacific	1,656	2,770	4,703	5,562	6,469	148.6	148.0	153.6	132.7	109.3

[1] June 1, 1880 and 1890; Jan. 1, 1904, 1910, and 1923.

No. 60.—PAUPERS ENUMERATED IN ALMSHOUSES: BY AGE GROUPS

Age group	Number enumerated					Per cent distribution				
	1880	1890	1904	1910	1923	1880	1890	1904	1910	1923
All ages	**66,203**	**73,044**	**81,764**	**84,198**	**78,090**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 15 years	8,885	5,627	2,755	2,370	1,896	13.4	7.7	3.4	2.8	2.4
15 to 24 years	4,996	4,382	3,240	2,514	1,659	7.5	6.0	4.0	3.0	2.1
25 to 44 years	17,609	17,077	13,573	11,994	7,427	26.6	23.4	16.6	14.2	9.5
45 to 59 years	12,807	15,037	18,810	20,613	15,104	19.3	20.6	23.0	24.5	19.3
60 to 74 years	14,307	18,865	26,803	30,189	32,371	21.6	25.8	32.8	35.9	41.5
75 years and over	7,599	10,714	15,034	15,843	18,763	11.5	14.7	18.4	18.8	24.0
Age unknown	-------	1,342	1,549	675	870	-------	1.8	1.9	.8	1.1

No. 61.—MENTAL PATIENTS, FEEBLE-MINDED, AND EPILEPTICS IN STATE INSTITUTIONS, AND PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES: 1910 TO 1933

Year	State hospitals for mental disease [1]				State institutions for feeble-minded and epileptics				Prisons and reformatories [2]			
	First admissions		Patients present on a given date [3]		First admissions		Patients present on a given date [3]		Prisoners received from courts during the year		Prisoners present on a given date [3]	
	Number	Per 100,000 population [4]	Number	Per 100,000 population [5]	Number	Per 100,000 population [4]	Number	Per 100,000 population [5]	Number	Per 100,000 population [4]	Number	Per 100,000 population [5]
1910	-------	-------	159,096	173.0	-------	-------	[6] 17,411	18.9	29,710	32.3	68,735	74.7
1922	50,286	45.8	222,406	204.0	7,467	6.8	43,579	40.0	-------	-------	-------	-------
1923	-------	-------	229,664	207.5	-------	-------	46,580	42.1	38,628	34.6	81,959	74.0
1926 [7]	52,793	46.2	246,486	217.2	8,171	7.0	55,201	47.9	48,108	42.2	91,669	80.6
1927 [7]	56,144	47.5	256,858	219.0	8,353	7.3	58,367	51.3	51,936	45.1	97,991	85.5
1928 [7]	59,417	49.6	264,511	222.3	9,405	8.2	60,412	52.3	55,746	47.6	109,346	92.2
1929 [7]	60,500	49.8	272,252	225.6	9,795	8.2	64,417	54.1	58,906	51.4	116,390	98.6
1930 [7]	62,987	51.1	280,252	229.0	10,137	8.3	68,035	56.4	66,013	56.2	120,496	104.4
1931 [7]	67,152	54.1	292,284	236.4	10,583	8.8	71,581	60.0	71,520	61.4	129,453	111.6
1932 [7]	66,785	53.5	305,315	245.2	10,676	8.7	76,535	63.7	67,477	58.4	137,082	119.0
1933	-------	-------	318,948	254.8	-------	-------	81,589	65.2	-------	-------	137,183	118.5

[1] Includes 2 Federal hospitals—St. Elizabeths, Dist. of Col., and Asylum for Insane Indians, S. Dak.
[2] Includes Federal civil prisons and State penal institutions used entirely or chiefly for adult offenders convicted of felonies.
[3] In general, Jan. 1, but data for a few institutions relate to other dates.
[4] Based on enumerated population Apr. 15, 1910, and estimated population July 1 of other years.
[5] Based on enumerated population Apr. 15, 1910, and estimated population Jan. 1 of other years.
[6] Does not include 7 special State institutions for epileptics, included for later enumerations.
[7] Figures exclude institutions not reporting as follows: 1 institution for the feeble-minded in 1926, 19273 1929, and 1930 and 2 in 1928, 1931, 1932, and 1933, 2 State hospitals in 1926; 3 State prisons in 1926, 1928, 1929, 1930, and 1931, 2 in 1927, and 4 in 1932 and 1933.

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

No. 62.—STATE HOSPITALS FOR MENTAL DISEASE: FIRST ADMISSIONS DURING 1922, 1931, AND 1932, BY PSYCHOSIS[1]

Psychosis	Number			Per 100,000 population		
	1922 [2]	1931	1932	1922 [2]	1931	1932
Grand total	52,472	67,152	66,785	47.8	54.1	53.5
With psychosis, total	49,116	61,621	61,178	44.7	49.7	49.0
Traumatic	136	338	310	.1	.3	.2
Senile	5,101	5,944	5,992	4.6	4.8	4.8
With cerebral arteriosclerosis	3,045	6,853	7,331	2.8	5.5	5.9
C.	4,977	5,336	5,619	4.5	4.3	4.5
	589	1,214	1,196	.5	1.0	1.0
	86	124	119	.1	.1	.1
With brain tumor	38	46	77	(3)	(3)	.1
With other brain or nervous diseases	456	862	890	.4	.7	.7
	1,819	2,976	2,693	1.7	2.4	2.2
; toxins	355	368	320	.3	.3	.3
	339	971	558	.3	.8	.4
	1,285	1,726	1,545	1.2	1.4	1.2
Manic-depressive	8,095	9,584	9,598	7.4	7.7	7.7
Involution melancholia	1,083	1,369	1,420	1.0	1.1	1.1
	11,887	13,830	13,696	10.8	11.1	11.0
	1,266	1,021	1,125	1.2	.8	.9
	1,513	1,642	1,548	1.4	1.3	1.2
	1,063	1,339	1,426	1.0	1.1	1.1
	764	809	768	.7	.7	.6
	1,615	2,409	2,289	1.5	1.9	1.8
Undiagnosed psychoses	3,142	2,547	2,659	2.9	2.1	2.1
Psychoses not reported	462	313		.4	.3	
Without psychosis, total	3,356	5,531	5,607	3.1	4.5	4.5
Epilepsy	(4)	229	251		.2	.2
Alcoholism	(4)	1,808	1,856		1.5	1.5
Drug addiction	(4)	607	561		.5	.4
Psychopathic personality	(4)	427	440		.3	.4
Mental deficiency	(4)	1,056	988		.9	.8
Others without psychosis	(4)	1,404	1,511		1.1	1.2

missions to three State psychopathic hospitals in Iowa, Massachusetts, and separately tabulated by psychosis.
per 100,000. [4] Separate figures not available.

No. 63.—PATIENTS IN ALL HOSPITALS FOR MENTAL DISEASE: 1880 TO 1923

Division	Number on date of enumeration [1]					Ratio per 100,000 population				
	1880 [2]	1890 [2]	1904	1910	1923	1880	1890	1904	1910	1923
United States	40,942	74,028	150,151	187,791	[3] 267,617	81.6	118.2	183.6	204.2	245.0
New England	5,294	7,693	14,855	19,580	26,876	132.0	163.7	250.1	298.8	352.7
	12,710	21,435	42,562	52,380	70,535	121.1	168.8	232.5	271.2	306.4
	8,966	15,674	33,039	41,246	56,881	80.0	116.3	196.6	226.0	255.0
	3,493	8,641	18,595	22,683	31,355	56.7	97.2	171.9	194.9	245.4
	4,660	9,007	16,514	19,952	28,637	61.3	101.7	149.1	163.6	198.1
	2,549	4,493	7,867	9,759	13,450	45.6	69.9	100.1	116.0	149.1
	800	2,043	6,010	8,413	14,936	24.0	45.0	81.8	95.8	140.7
Mountain	107	858	2,529	3,574	6,471	16.4	74.2	125.0	135.7	184.0
Pacific	2,363	4,184	8,180	10,204	18,476	212.0	223.6	257.2	243.4	312.1

[1] June 1, 1880 and 1890; Jan. 1, 1904, 1910, and 1923.
[2] Total insane enumerated, including those not in hospitals, was 91,959 in 1880 and 106,485 in 1890.
[3] Includes *patients of* 1 State and 11 private hospitals for whom individual schedules were not received.

No. 64.—PATIENTS IN ALL HOSPITALS FOR MENTAL DISEASE: BY AGES

Age group	Number enumerated				Per cent distribution			
	1890	1904	1910	1923	1890	1904	1910	1923
All ages	74,028	150,151	187,791	265,829	100.0	100.0	100.0	100.0
Under 15 years	51	112	341	534	.1	.1	.2	.2
15 to 24 years	4,621	8,625	10,113	14,110	6.2	5.7	5.4	5.3
25 to 44 years	36,346	66,719	79,351	109,757	49.1	44.4	42.3	41.3
45 to 59 years	21,727	45,855	60,142	82,240	29.3	30.5	32.0	30.9
60 to 74 years	8,402	21,111	28,537	45,429	11.3	14.1	15.2	17.1
75 years and over	1,351	4,217	6,073	9,759	1.8	2.8	3.2	3.7
Age unknown	1,530	3,512	3,234	3,900	2.1	2.3	1.7	1.5

Source of Tables 62, 63, and 64: Bureau of the Census, Department of Commerce.

No. 65.—PRISONERS IN ALL PENAL INSTITUTIONS: 1880 TO 1923

NOTE.—Additional data regarding prisoners in all penal institutions Jan. 1, 1923, and commitments during 1923, by sex, race, nativity and age, by class of institution, and by nature and length of sentence, are shown in Statistical Abstract 1931, Table 68 to 70. Data for all penal institutions have not been collected since 1923. For data regarding prisoners in State and Federal prisons and reformatories, 1926 to 1933 and earlier years, see Tables 61, 66, and 67.

Division	Number on date of enumeration [1]				Ratio per 100,000 of population			
	1880	1904	1910	1923	1880	1904	1910	1923
United States	49,527	[2] 81,772	[2] 99,199	[2]104,067	98.7	99.0	107.9	94.6
New England	4,770	8,599	9,698	5,746	118.9	143.6	148.0	75.0
Middle Atlantic	13,815	18,790	22,165	20,150	131.6	110.2	114.8	87.0
East North Central	7,769	12,042	13,476	19,281	69.3	71.2	73.8	85.8
West North Central	3,768	7,828	8,216	9,823	61.2	71.9	70.6	76.6
South Atlantic	6,895	10,740	14,915	15,703	90.8	96.2	122.3	108.0
East South Central	5,197	7,524	10,384	9,648	93.1	95.2	123.5	106.7
West South Central	4,192	7,090	8,419	8,935	125.7	95.0	95.8	83.6
Mountain	743	2,954	4,171	3,322	113.8	142.6	158.4	93.5
Pacific	2,378	4,564	5,851	6,795	213.4	144.8	139.6	113.4

[1] June 1, 1880; June 30, 1904; Jan. 1, 1910 and 1923. Includes only sentenced prisoners, exclusive of those in [illegible] e (5,552 for 1923).
[illegible] prisons, as follows: 1,641 in 1904; 1,904 in 1910; and 4,664 in 1923.

No. 66.—STATE AND FEDERAL PRISONS AND REFORMATORIES: PRISONERS RECEIVED FROM COURTS DURING THE YEAR, BY PRINCIPAL OFFENSES

NOTE.—For distribution of prisoners in all penal institutions, 1910 and 1923, by principal offenses, see Statistical Abstract, 1929, Table 78

Sex and offense	Number				Ratio per 100,000 population [1]			
	1910	1923	1931	1932	1910	1923	1931 [2]	1932 [2]
Male, total	26,222	35,216	68,483	64,546	55.5	61.9	116.1	110.4
Homicide	2,535	3,220	3,528	3,513	5.4	5.7	6.0	6.0
Rape	1,077	1,497	1,796	1,287	2.3	2.6	3.0	2.2
Robbery	1,216	2,923	8,496	8,153	2.6	5.1	14.4	13.9
Assault	2,610	1,830	3,016	2,925	5.5	3.2	5.1	5.0
Burglary	6,004	6,295	14,183	15,230	12.7	11.1	24.0	26.0
Forgery	1,611	2,568	4,417	3,849	3.4	4.5	7.5	6.6
Embezzlement	293	494	1,440	2,106	.6	.9	2.4	3.6
Fraud	509	614			1.1	1.1		
Having stolen property	231	638	2,198	547	.5	1.1	3.7	.9
Larceny	6,676	6,690	13,268	13,707	14.1	11.8	22.5	23.4
Sex offenses, except rape	796	1,110	1,202	1,363	1.7	2.0	2.0	2.3
Violating liquor laws	306	2,533	7,445	6,105	.6	4.5	12.6	10.4
Violating drug laws	22	2,015	1,616	1,399	[3]	3.5	2.7	2.4
[illegible]	146	242	476	428	.3	.4	.8	.7
[illegible]	115	232	638	487	.2	.4	1.1	.8
Other	2,015	2,167	4,464	3,425	4.2	3.9	8.1	5.9
Not reported	60	148		22	.1	.3		[3]
Female, total	1,510	2,369	3,037	2,931	3.4	4.3	5.3	5.1
Homicide	118	223	276	223	.3	.4	.5	.4
Robbery	20	38	115	94	[3]	.1	.2	.2
Assault	103	59	130	148	.2	.1	.2	.3
Burglary	47	42	92	124	.1	.1	.2	.2
Forgery	15	81	181	162	[3]	.1	.3	.3
Embezzlement	1	16	63	90	[3]	[3]	.1	.2
Fraud	10	8			[3]	[3]		
Having stolen property	12	24	59	29	[3]	[3]	.1	.1
Larceny	365	293	394	365	.8	.5	.7	.6
Sex offenses	340	543	600	596	.8	1.0	1.0	1.0
Violating liquor laws	19	186	365	272	[3]	.3	.6	.5
Violating drug laws	1	166	182	216	[3]	.3	.3	.4
Carrying weapons	4	2	10	8	[3]	[3]	[3]	[3]
Nonsupport or neglect of family	20	50	56	52	[3]	.1	.1	.1
Other	435	620	514	551	1.0	1.1	.9	1.0
Not reported		18		1		[3]		[3]

[1] Based upon enumerated population Apr. 15, 1910, and estimated population July 1, 1923, 1931, and 1932.
[2] Based upon estimated population proportional to prisoners of each sex reported in detail.
[3] Less than one-tenth of 1 per 100,000.

Source of Tables 65 and 66: Bureau of the Census, Department of Commerce.

No. 67.—STATE AND FEDERAL PRISONS AND REFORMATORIES: ADMISSIONS DURING THE YEAR AND NUMBER PRESENT ON JANUARY 1, BY STATES

State	Prisoners received from courts during the year							Prisoners present on Jan. 1			
	Number					Per 100,000 population					
	1910	1923	1930	1931	1932	1910	1932	1910	1923	1932	1933
United States	29,710	38,628	[1]66,013	[1]71,520	[2]67,477	32	53	68,735	81,959	[2]137,082	[2]137,183
Federal prisons and reformatories	987	3,703	9,800	10,615	9,652	1	8	1,904	4,684	12,964	12,282
State prisons and reformatories	28,723	34,925	56,213	60,905	57,825	32	50	66,831	77,295	124,118	124,901
New England:											
Maine	69	202	216	316	314	9	39	201	379	514	559
New Hampshire	43	35	107	77	93	10	20	147	138	189	199
Vermont	[3]	277	389	417	358	------	99	170	316	440	432
Massachusetts	1,114	693	972	929	1,133	33	28	1,966	1,448	2,499	2,643
Rhode Island [4]	658	294	179	216	198	121	28	421	466	463	532
Connecticut	186	346	679	604	651	17	40	605	891	1,342	1,366
Middle Atlantic:											
New York	3,188	2,666	3,349	3,679	3,629	35	28	7,073	6,316	9,089	9,615
New Jersey	814	825	1,761	1,977	1,743	32	42	1,839	1,912	3,263	3,212
Pennsylvania	1,145	1,256	2,397	2,572	2,248	15	23	3,510	4,293	6,307	6,396
East North Central:											
Ohio	1,115	2,264	3,712	3,511	3,235	23	48	2,561	4,234	9,154	8,603
Indiana	770	1,358	1,942	2,062	1,864	29	57	2,362	2,302	4,727	4,762
Illinois	844	1,387	2,658	2,629	2,582	15	33	2,509	4,416	9,890	10,440
Michigan	559	1,996	3,949	3,733	3,258	20	65	1,596	3,641	8,995	8,689
Wisconsin	527	532	1,258	1,285	1,247	23	42	953	1,158	2,584	2,696
West North Central:											
Minnesota	444	659	864	1,166	1,129	21	44	1,092	1,634	2,443	2,593
Iowa	333	753	976	1,047	930	15	38	963	1,794	2,971	3,057
Missouri	830	912	1,950	2,249	1,932	26	53	2,307	2,205	4,577	4,579
North Dakota	102	136	233	268	216	18	32	212	244	433	369
South Dakota	152	185	308	391	380	26	54	207	326	529	580
Nebraska	197	378	686	723	664	17	48	481	789	1,230	1,267
Kansas	500	1,001	1,545	1,246	1,246	30	66	1,264	1,574	2,537	2,474
South Atlantic:											
	[5]	[5]	[5]	336	403	------	168	[5]	[5]	340	272
	1,700	1,390	2,899	2,831	2,873	131	174	1,675	1,483	2,549	2,489
	[5]	[5]	[5]	475	606	------	123	[5]	[5]	813	1,048
	662	608	1,336	1,419	1,849	32	76	2,145	1,960	2,991	3,312
	425	772	1,171	1,388	1,498	35	85	1,071	1,628	2,571	2,642
	192	368	1,362	1,691	1,211	9	37	710	1,046	2,886	2,719
	237	351	554	664	[3]	16	------	848	528	[3]	[3]
Georgia	744	876	[3]	[3]	[3]	29	------	2,638	3,738	[3]	[3]
Florida	428	451	1,042	1,315	1,336	57	87	1,297	1,368	2,985	2,950
East South Central:											
Kentucky	855	827	2,260	2,421	2,671	37	101	2,028	2,079	3,504	3,439
Tennessee	652	599	1,459	1,652	1,422	30	54	1,813	1,630	2,926	2,734
Alabama	1,785	1,057	[3]	[3]	[3]	84	------	3,381	3,169	[3]	[3]
Mississippi	624	478	991	[3]	[3]	35	------	1,690	1,620	[3]	[3]
West South Central:											
	570	957	1,266	1,430	1,145	36	61	794	1,410	1,374	1,064
	750	559	1,070	1,320	1,316	45	62	1,999	1,593	2,775	2,601
	818	1,711	2,137	2,863	2,517	49	103	1,110	1,799	4,164	4,100
Texas	1,131	1,503	2,607	3,196	3,300	29	55	3,523	3,577	5,385	5,190
Mountain:											
Montana	297	243	398	328	315	79	59	691	331	611	604
Idaho	95	119	[3]	222	172	20	39	220	284	330	266
Wyoming	123	125	136	151	107	34	47	257	336	352	312
Colorado	590	562	872	1,067	911	75	87	851	1,015	1,382	1,344
New Mexico	193	164	280	378	304	59	71	313	239	546	545
Arizona	279	207	369	362	368	137	82	405	355	587	640
Utah	149	186	223	217	192	40	37	270	200	329	297
Nevada	80	75	125	165	121	98	130	199	174	255	228
Pacific:											
Washington	510	750	1,053	1,227	1,031	45	65	1,249	1,010	1,911	1,801
Oregon	221	262	501	482	493	33	51	399	406	861	868
California	1,008	1,570	2,023	2,318	2,614	42	44	2,816	3,837	7,515	8,373

[3] No report.

th [illegible] ter years include

[illegible] 1925.

Lorton Reformatory, Va., are excluded prior to 1931. [illegible]ty workhouse and those for the District of Columbia in

[6] Includes data for the Maryland house of correction and the State penitentiary.

Source: Bureau of the Census, Department of Commerce.

3. VITAL STATISTICS

GENERAL NOTE.—Vital statistics are registered by the States in the first insta[illegible] original certificates of individual births and deaths are received and tabulated [illegible] Owing to the gradual expansion of the "registration" areas (see Tables 68, 74, and [illegible] and deaths for the areas as a whole are not strictly comparable but, in most cases, [illegible] slightly.

General tables cover the registration area in continental United States. Hawaii and the Virgin Islands are shown separately in certain tables. Stillbirths, shown in Table 78, 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, 1931 and 1932 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, Mexicans have been included with the white for 1930, 1931, and 1932 in order that the data may be comparable with previous years.

No. 68.—DEATHS: NUMBER AND RATES IN THE DEATH REGISTRATION AREA, 1880 TO 1932

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]	19,650,440	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	155,868	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	120,162,000	96.3	91.2	1,308,529	10.9	121,267	9.3	160,508	12.3

[1] Census year ended May 31.

Source: Bureau of the Census, Department of Commerce.

No. 69.—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. 77

Sex and age group	Registration States as of 1900						Registration States as of 1920					
	1901–1905, Average	1911–1915, Average	1921–1925, Average	1930	1931	1932	1920	1925	1929	1930	1931	1932
Both sexes, all ages	15.8	14.6	12.3	11.5	11.4	11.3	13.0	11.9	12.0	11.4	11.2	11.1
Under 1 year	138.2	123.0	89.2	68.0	61.6	55.5	96.9	83.9	71.6	69.2	63.6	57.9
1 to 4 years	15.8	11.8	7.7	4.8	4.6	3.9	9.8	6.9	6.3	5.4	5.0	4.3
Under 5 years	41.7	34.6	23.3	16.3	15.3	13.6	26.7	21.7	18.8	17.5	16.2	14.5
5 to 9 years	4.1	3.1	2.6	1.9	1.9	1.6	3.0	2.2	2.1	1.9	1.8	1.6
10 to 14 years	2.7	2.1	1.9	1.4	1.4	1.4	2.3	1.8	1.6	1.5	1.5	1.4
15 to 19 years	4.4	3.5	2.9	2.3	2.2	2.1	4.0	3.2	2.9	2.7	2.6	2.3
20 to 24 years	6.1	4.9	3.8	3.3	3.2	2.8	5.7	4.3	4.2	3.8	3.7	3.3
25 to 34 years	7.5	6.1	4.6	4.0	3.8	3.6	6.8	5.0	4.9	4.5	4.4	4.1
35 to 44 years	9.9	9.0	6.8	6.3	6.3	5.9	8.2	7.1	7.2	6.7	6.7	6.3
45 to 54 years	14.4	14.3	12.1	12.2	12.4	12.1	12.1	12.0	12.6	12.3	12.2	11.9
55 to 64 years	27.1	27.5	25.0	25.4	25.4	25.7	23.6	23.9	25.0	24.4	24.2	24.4
65 to 74 years	55.1	58.0	54.6	53.9	53.8	55.8	51.8	52.3	54.4	52.0	51.5	52.5
75 years and over	137.8	140.1	136.2	134.6	133.8	141.6	133.2	133.7	139.6	130.5	130.5	138.1
Males, all ages	16.6	15.5	12.9	12.3	12.2	11.9	13.4	12.6	12.9	12.4	12.2	11.9
Under 1 year	152.7	136.7	100.5	76.1	69.4	62.2	108.8	94.2	80.0	77.2	71.3	64.8
1 to 4 years	16.5	12.4	8.1	5.2	5.0	4.2	10.2	7.3	6.7	5.8	5.4	4.5
Under 5 years	45.3	37.8	25.8	18.6	17.1	15.1	29.3	23.9	20.7	19.4	17.9	16.0
5 to 9 years	4.2	3.3	2.9	2.1	2.1	1.8	3.1	2.4	2.3	2.1	2.0	1.7
10 to 14 years	2.8	2.2	2.1	1.6	1.6	1.5	2.4	2.0	1.8	1.7	1.7	1.6
15 to 19 years	4.4	3.7	3.1	2.5	2.5	2.3	4.2	3.2	3.1	2.9	2.8	2.5
20 to 24 years	6.2	5.3	3.8	3.4	3.3	2.9	5.4	4.3	4.3	4.0	3.8	3.5
25 to 34 years	7.8	6.5	4.6	4.2	4.0	3.7	6.5	5.1	5.1	4.8	4.6	4.3
35 to 44 years	10.6	10.1	7.3	7.1	7.1	6.5	8.3	7.6	7.9	7.4	7.4	6.9
45 to 54 years	15.6	15.9	13.0	13.9	14.0	13.7	12.5	13.0	14.1	13.8	13.8	13.3
55 to 64 years	29.1	30.1	26.9	28.4	28.4	28.7	24.6	25.9	27.8	27.1	27.1	27.3
65 to 74 years	58.2	61.7	57.7	58.3	58.4	59.9	53.8	56.2	58.9	56.6	56.1	56.6
75 years and over	142.9	144.6	138.7	139.3	139.4	146.3	135.5	137.6	144.2	135.7	136.5	143.6
Females, all ages	14.9	13.6	11.8	10.7	10.6	10.6	12.6	11.2	11.1	10.5	10.3	10.2
Under 1 year	123.3	109.0	77.5	59.7	53.5	48.6	84.7	73.3	62.9	60.9	55.8	50.9
1 to 4 years	15.2	11.3	7.2	4.5	4.2	3.6	9.4	6.5	6.0	5.0	4.7	4.0
Under 5 years	38.0	31.2	20.7	14.8	13.4	12.0	24.0	19.3	16.8	15.6	14.4	12.9
5 to 9 years	4.0	2.9	2.3	1.7	1.6	1.5	2.8	2.0	1.9	1.7	1.6	1.5
10 to 14 years	2.7	2.0	1.7	1.2	1.2	1.2	2.1	1.7	1.4	1.3	1.3	1.2
15 to 19 years	4.4	3.2	2.8	2.2	2.0	1.8	3.9	3.2	2.8	2.5	2.4	2.1
20 to 24 years	5.9	4.5	3.7	3.2	3.1	2.7	5.9	4.3	4.0	3.7	3.5	3.2
25 to 34 years	7.3	5.6	4.5	3.8	3.6	3.5	7.2	4.9	4.7	4.3	4.2	4.0
35 to 44 years	9.0	7.9	6.2	5.4	5.5	5.3	8.0	6.6	6.5	6.0	5.9	5.7
45 to 54 years	13.1	12.6	11.1	10.5	10.6	10.4	11.6	10.9	11.0	10.6	10.5	10.3
55 to 64 years	25.1	24.9	23.1	22.4	22.4	22.7	22.4	21.7	22.2	21.4	21.3	21.4
65 to 74 years	52.1	54.5	51.7	49.9	49.4	52.0	49.8	48.4	49.9	47.3	46.9	48.3
75 years and over	133.3	135.4	134.2	130.7	129.3	137.8	131.2	130.3	135.6	125.9	125.2	133.2

No. 70.—DEATHS: RATES PER 1,000 ESTIMATED POPULATION IN THE DEATH REGISTRATION AREA, DISTINGUISHING CITIES AND RURAL AREA

NOTE.—See general note, p. 77

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

Source of Tables 69 and 70: Bureau of the Census, Department of Commerce.

No. 71.—DEATHS: Number and Rate per 1,000 Population, by States

NOTE.—See general note, p. 77

Area	Number of deaths		Death rate per 1,000 estimated population							
	1931	1932	1920	1925	1927	1928	1929	1930	1931	1932
Total[1]	1,307,273	1,293,269	13.0	11.8	11.4	12.0	11.9	11.3	11.1	10.9
Alabama	28,431	27,680	(2)	11.6	10.5	12.3	12.4	11.5	10.7	10.3
White	*15,116*	*14,871*	(2)	*9.5*	*8.7*	*10.0*	*10.2*	*9.4*	*8.8*	*8.6*
Colored	*13,315*	*12,809*	(2)	*15.3*	*13.7*	*16.2*	*16.2*	*15.2*	*14.0*	*13.5*
Arizona	6,074	5,420	(2)	(2)	14.4	15.4	15.9	15.2	13.7	12.1
Arkansas	17,847	16,316	(2)	(2)	10.0	10.9	10.5	10.2	9.6	8.7
White	*12,161*	*11,253*	(2)	(2)	*8.8*	*9.7*	*9.4*	*9.1*	*8.8*	*8.1*
Colored	*5,686*	*5,062*	(2)	(2)	*15.4*	*14.3*	*13.8*	*13.5*	*11.9*	*10.5*
California	67,410	67,680	13.3	12.3	12.1	12.5	11.9	11.6	11.5	11.4
Colorado	12,470	12,599	14.5	12.7	13.0	13.8	12.5	12.7	12.0	12.0
Connecticut	17,246	16,962	13.6	11.8	10.8	11.4	11.5	10.7	10.6	10.4
Delaware	3,301	3,178	14.6	13.5	12.8	13.6	13.2	13.6	13.8	13.2
Florida	18,102	18,288	12.8	13.6	13.6	13.7	12.7	12.3	12.0	12.0
White	*11,067*	*11,287*	*11.5*	*11.9*	*11.7*	*11.8*	*10.8*	*10.6*	*10.4*	*10.4*
Colored	*7,045*	*7,001*	*15.3*	*17.4*	*17.9*	*18.2*	*17.1*	*16.5*	*16.0*	*16.7*
Georgia	32,992	32,128	(2)	(2)	(2)	12.4	12.2	12.1	11.3	11.0
White	*16,989*	*16,818*	(2)	(2)	(2)	*10.3*	*10.0*	*9.8*	*9.2*	*9.1*
Colored	*16,003*	*15,310*	(2)	(2)	(2)	*15.9*	*15.8*	*16.1*	*15.1*	*14.5*
Idaho	4,000	3,942	(2)	7.8	8.6	9.4	9.2	9.4	9.0	8.8
Illinois	85,788	83,180	12.6	11.5	11.3	12.1	11.6	10.9	11.1	10.7
Indiana	38,699	38,756	13.4	12.5	11.9	12.7	12.7	12.1	11.9	11.8
Iowa	25,681	25,786	(2)	10.0	10.0	10.3	10.4	10.6	10.4	10.4
Kansas	18,618	19,512	11.4	10.2	10.0	11.2	10.4	10.4	9.9	10.3
Kentucky	28,905	29,059	11.8	11.3	10.6	11.8	12.0	11.3	11.0	11.0
White	*24,566*	*24,829*	*11.0*	*10.4*	*9.8*	*10.9*	*11.1*	*10.4*	*10.1*	*10.3*
Colored	*4,549*	*4,250*	*19.4*	*20.2*	*19.3*	*20.3*	*21.3*	*21.0*	*20.1*	*18.3*
Louisiana	23,535	23,311	11.9	12.8	11.8	12.2	11.9	11.7	11.1	10.9
White	*12,279*	12,512	*9.8*	*10.0*	*9.4*	*10.0*	*9.7*	*9.6*	*9.2*	9.3
Colored	*11,256*	10,799	*15.2*	*17.3*	*15.8*	*15.9*	*15.7*	*15.5*	*14.3*	13.7
Maine	10,490	10,719	15.4	13.8	13.9	13.9	14.3	13.9	13.1	13.4
Maryland	21,763	21,038	14.6	14.0	13.3	13.6	13.5	13.2	13.2	12.7
White	*16,366*	*15,955*	*13.3*	*12.6*	*12.0*	*12.4*	*12.4*	*12.0*	*12.0*	*11.6*
Colored	*5,397*	*5,083*	*21.1*	*20.9*	*19.6*	*19.5*	*18.9*	*18.9*	*19.3*	*18.1*
Massachusetts	48,577	49,446	13.8	12.7	11.9	12.2	12.3	11.6	11.3	11.5
Michigan	49,104	49,585	13.8	*11.5*	*11.2*	11.8	11.8	*10.6*	*10.0*	*10.0*
Minnesota	25,450	25,591	10.7	10.2	9.8	10.3	10.1	10.0	9.9	9.9
Mississippi	22,009	20,311	12.2	11.6	11.9	13.1	13.0	12.0	10.9	10.0
White	*8,694*	*8,311*	*9.2*	*8.8*	*9.2*	*10.5*	*10.5*	*9.1*	*8.6*	*8.2*
Colored	*13,315*	*12,000*	*16.0*	*14.3*	*14.5*	*15.6*	*15.5*	*14.7*	*13.1*	*11.8*
Missouri	44,120	43,738	12.5	11.7	11.4	12.6	12.3	11.9	12.1	12.0
Montana	5,280	5,294	9.6	9.6	9.9	10.7	10.7	10.1	9.8	9.8
Nebraska	12,908	12,922	10.0	9.3	9.1	10.0	9.8	9.6	9.3	9.3
Nevada	1,346	1,342	(2)	(2)	(2)	(2)	13.3	12.7	14.6	14.4
New Hampshire	5,923	6,329	15.2	14.4	13.8	14.0	14.1	13.6	12.7	13.5
New Jersey	44,475	42,914	12.9	11.6	11.1	11.6	11.6	10.7	10.8	10.3
New Mexico	6,156	5,968	(2)	(2)	(2)	(2)	15.4	15.5	14.4	13.8
New York	149,107	147,824	13.8	12.3	11.7	12.4	12.4	11.7	11.7	11.5
North Carolina	33,116	31,051	12.6	11.3	10.9	11.8	11.8	11.2	10.3	9.6
White	*20,164*	*19,513*	*11.2*	*9.7*	*9.4*	*10.4*	*10.2*	*9.6*	*8.9*	*8.5*
Colored	*12,952*	*11,538*	*16.9*	*14.9*	*14.6*	*15.1*	*15.5*	*15.1*	*13.7*	*12.1*
North Dakota	5,128	5,153	(2)	7.6	7.8	8.2	8.0	7.9	7.5	7.5
Ohio	75,557	76,286	12.8	11.8	11.5	12.3	12.4	11.4	11.3	11.3
Oklahoma	18,802	19,285	(2)	(2)	(2)	9.0	9.0	8.2	7.8	7.9
White	*16,893*	*16,716*	(2)	(2)	(2)	*8.7*	*8.7*	*7.8*	*7.4*	*7.7*
Colored	*2,909*	*2,569*	(2)	(2)	(2)	*11.4*	*12.0*	*11.2*	*10.3*	*9.4*
Oregon	10,242	10,277	11.7	11.0	11.2	11.3	11.3	11.0	10.6	10.6
Pennsylvania	111,936	109,204	13.8	12.6	11.9	12.6	12.3	11.6	11.5	11.2
Rhode Island	7,973	8,080	14.3	12.7	11.9	*12.5*	13.1	*11.6*	11.5	*11.6*
South Carolina	21,087	19,884	14.1	12.8	12.6	14.1	13.3	12.9	12.1	11.4
White	*8,718*	*8,599*	*11.4*	*9.8*	*9.8*	*11.3*	*10.1*	*9.8*	*9.1*	*9.0*
Colored	*12,369*	*11,285*	*16.6*	*16.1*	*15.7*	*17.4*	*17.0*	*16.6*	*15.7*	*14.4*
South Dakota	5,868	5,725	(2)	(2)	(2)	(2)	(2)	8.5	8.4	8.2
Tennessee	28,618	28,628	12.1	11.2	11.4	12.2	12.2	11.4	10.8	10.8
White	*20,601*	*20,823*	*10.7*	*9.6*	*9.9*	*10.7*	*10.7*	*9.9*	*9.6*	*9.6*
Colored	*8,017*	*7,805*	*18.0*	*18.1*	*18.0*	*19.1*	*18.7*	*18.3*	*16.7*	*16.2*
Utah	4,478	4,420	11.5	9.3	9.6	10.3	10.1	9.9	8.7	8.6
Vermont	4,493	4,753	15.7	14.4	13.6	13.6	14.7	13.0	12.5	13.2
Virginia	30,029	28,898	13.2	12.4	12.0	12.6	13.0	12.5	12.4	11.9
White	*18,470*	*18,278*	*11.3*	*10.3*	*10.1*	*10.6*	*11.0*	*10.5*	*10.4*	*10.2*
Colored	*11,559*	*10,626*	*17.6*	*17.6*	*17.0*	*17.9*	*18.2*	*18.0*	*17.8*	*16.4*
Washington	16,524	16,581	11.1	10.4	10.6	10.9	10.6	10.6	10.5	10.4
West Virginia	17,620	17,912	(2)	10.7	10.2	10.4	10.6	10.5	10.1	10.2
Wisconsin	30,217	30,321	11.2	10.5	10.4	11.0	10.7	10.4	10.2	10.2
Wyoming	2,035	2,057	(2)	9.0	9.1	9.8	9.0	9.2	8.9	9.0
Hawaii[3]	3,731	3,670	17.6	13.0	12.0	11.8	12.2	10.4	9.8	9.3
Puerto Rico[3]	(2)	35,601	(2)	(2)	(2)	(2)	(2)	(2)	(2)	22.6

[1] Includes District of Columbia (for rates see Washington, table 73); number of deaths, 1932, 7,937.
[2] Not in registration area.
[3] Not included in total.

Source: Bureau of the Census, Department of Commerce.

No. 72.—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, 1932[2]	Registration area—rate								Registration States of 1900 (incl. D.C.)—rate					
			1900	1910	1920	1925	1929	1930	1931	1932	1900	1910	1920	1930	1931	1932
	All causes	1,308,529	1,755.0	1,496.2	1,303.8	1,184.1	1,191.9	1,133.1	1,107.5	1,089.0	1,719.5	1,582.4	1,378.0	1,152.3	1,136.5	1,127.1
1,2	Typhoid and paratyphoid fever	4,441	35.9	23.5	7.8	8.0	4.2	4.8	4.5	3.7	31.3	18.0	4.9	1.6	1.4	1.1
7	Measles	1,941	12.5	12.3	8.8	2.3	2.5	3.2	3.0	1.6	13.4	12.6	10.3	2.6	2.2	2.0
8	Scarlet fever	2,577	10.2	11.6	4.6	2.7	2.1	1.9	2.2	2.1	9.6	12.2	5.2	1.8	2.2	2.6
9	Whooping cough	6,364	12.1	11.4	12.5	6.7	6.3	4.8	3.9	4.5	12.3	10.7	11.9	3.4	3.4	3.2
10	Diphtheria	5,418	43.3	21.4	15.3	7.8	6.8	4.9	4.8	4.5	40.4	22.5	17.3	4.3	2.9	2.5
11, 107–109	Influenza and pneumonia (all forms)	129,540	203.4	162.1	208.0	123.4	147.2	102.7	107.7	107.8	202.2	174.4	209.2	97.9	101.1	99.3
11	Influenza	37,066	22.9	14.4	70.9	29.7	55.5	19.5	26.5	30.8	26.7	15.5	54.9	11.1	16.1	17.6
107	Bronchopneumonia[3]	39,174	21.9	47.1	54.5	38.7	37.6	34.3	33.6	32.6	22.8	52.6	64.8	36.7	36.2	35.8
108	Lobar pneumonia	49,524	158.6	46.4	73.0	49.9	49.5	45.4	44.5	41.2	152.7	52.4	82.4	48.6	47.6	44.7
109	Pneumonia unspecified	3,776		54.3	9.5	5.1	4.6	3.5	3.2	3.1		53.9	7.0	1.5	1.2	1.2
15	Tetanus	1,934	5.1	4.5	3.1	2.4	2.5	2.1	1.9	1.6	5.4	4.9	3.6	2.7	2.3	1.9
18	Epidemic cerebrospinal meningitis	1,677	(4)	.4	1.6	1.1	4.5	3.6	2.4	1.4	(4)	.3	1.8	3.6	2.2	1.4
23	Tuberculosis of the respiratory system	67,789	180.5	136.0	97.0	75.9	67.6	63.4	60.7	56.4	173.3	138.1	93.1	59.1	55.9	52.0
24–32	Other forms of tuberculosis	7,720	21.4	24.3	17.0	10.8	8.4	8.1	7.5	6.4	21.9	26.6	18.6	8.6	7.4	6.8
38	Malaria	2,568	7.9	2.2	3.6	2.1	3.5	2.9	2.1	2.1	6.3	1.3	.2	.1	.1	.1
45–53	Cancer and other malignant tumors	122,739	63.0	76.2	83.2	92.8	95.9	97.2	98.9	102.1	64.0	83.0	98.7	117.6	119.7	123.1
59	Diabetes mellitus	26,368	9.7	14.9	16.0	16.9	18.8	19.0	20.4	21.9	11.0	17.6	20.4	24.0	25.6	27.8
82a, c	Cerebral hemorrhage and softening	95,382	71.5	75.7	81.7	81.0	82.1	81.0	79.1	79.4	76.5	88.0	96.4	82.7	81.6	81.6
90–93, 94a, 95	Diseases of the heart[5]	251,243	132.1	158.8	159.1	185.7	210.8	205.5	201.9	209.1	137.4	180.9	197.6	253.2	265.2	279.5
106	Bronchitis	4,338	45.7	23.4	13.2	6.5	4.7	4.2	3.8	3.6	45.2	26.6	17.1	4.9	4.1	4.0
119, 120	Diarrhea and enteritis[6]	19,619	133.2	117.4	54.3	39.4	23.5	26.3	20.7	16.4	139.9	119.4	55.6	17.4	13.0	10.2
121	Appendicitis	17,111	9.7	11.4	13.4	15.2	15.2	15.3	15.2	14.2	8.8	11.1	13.2	15.8	15.6	14.6
122	Hernia, intestinal obstruction[7]	12,269	12.2	12.4	10.6	10.8	10.6	10.3	10.5	10.2	11.9	12.6	11.1	10.3	10.2	10.1
124	Cirrhosis of the liver	8,681	12.9	13.9	7.1	7.3	7.2	7.2	7.4	7.2	12.6	14.4	7.7	7.8	8.3	8.0
130–132	Nephritis	104,751	89.0	99.1	89.2	96.5	91.2	90.8	87.2	87.2	88.7	107.3	97.4	91.0	88.3	89.5
140, 142a, 145	Puerperal septicemia	4,939	5.7	7.2	6.6	5.5	5.0	4.6	4.6	4.1	5.8	6.7	6.0	3.9	3.9	3.6
141, 142b, 143, 144. 146–150	Other puerperal causes	8,354	7.6	8.5	12.5	9.3	8.2	8.2	7.3	7.0	7.6	8.4	11.5	6.7	6.2	5.9
157–161	Congenital malformations and diseases of early infancy	63,934	91.8	88.1	84.7	74.0	62.4	60.9	56.5	53.2	88.2	94.6	90.8	60.6	55.5	51.5
163–171	Suicide	20,927	11.5	16.0	10.2	12.1	14.0	15.6	16.8	17.4	10.2	15.4	10.9	16.9	18.3	19.3
172–175	Homicide	11,035	2.1	5.9	7.1	8.6	8.5	9.0	9.3	9.2	1.2	3.9	4.2	5.1	5.3	5.2
206	Automobile and railroad-train collision	1,466	(4)	(4)	(4)	1.2	1.7	1.5	1.4	1.2	(4)	(4)	(4)	1.3	1.3	1.3
208	Automobile and street-car collision	304	(4)	(4)	(4)	.5	.4	.4	.4	.3	(4)	(4)	(4)	.4	.3	.2
210	Automobile accidents[8]	26,350	(4)	1.8	10.4	17.1	23.3	24.5	25.2	21.9	(4)	2.0	12.1	25.0	25.5	22.5
	Other external causes	57,748	79.0	82.6	60.9	59.7	55.5	54.2	51.6	48.1	72.3	75.8	58.5	51.3	49.3	45.5

[1] See general note, p. 77. [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. 73.—DEATHS: Rate per 1,000 Estimated Population, by Registration Cities Having 100,000 or More Inhabitants in 1930

Note.—See general note, p. 77

City	Rate per 1,000 population				
	1920	1925	1930	1931	1932
Akron	11.7	8.6	7.8	7.7	7.5
Albany	15.7	15.3	14.8	14.1	13.7
Atlanta	17.1	16.1	15.5	14.9	14.0
White	*14.6*	*12.0*	*11.6*	*11.6*	*11.1*
Colored	*22.8*	*24.6*	*23.2*	*21.6*	*19.7*
Baltimore	15.4	15.1	13.9	14.2	13.2
White	*14.0*	*13.5*	*12.7*	*12.9*	*12.1*
Colored	*23.3*	*23.1*	*19.6*	*19.9*	*18.5*
Birmingham	16.3	15.8	13.6	13.0	11.9
White	*12.3*	*11.7*	*10.0*	*10.2*	*9.3*
Colored	*22.6*	*22.4*	*19.3*	*17.7*	*16.2*
Boston	15.5	15.1	14.1	14.0	13.9
Bridgeport	13.0	10.6	10.9	11.1	10.4
Buffalo	14.7	13.7	12.9	12.7	12.5
Cambridge	14.9	12.8	11.8	11.9	12.1
Camden	14.9	15.1	13.4	14.1	14.4
Canton	12.6	11.6	9.7	9.9	9.4
Chattanooga	19.4	21.7	15.7	13.6	12.7
White	*15.5*	*15.1*	*12.2*	*11.1*	*10.2*
Colored	*27.6*	*38.2*	*24.8*	*20.1*	*19.3*
Chicago	12.7	11.2	10.4	10.4	9.9
Cincinnati	15.0	15.2	15.5	15.7	14.8
Cleveland	12.5	11.4	11.0	11.0	10.7
Columbus	14.8	14.4	15.3	13.4	13.9
Dallas	13.3	12.5	11.5	11.1	11.1
White	*12.0*	*11.3*	*10.2*	*9.5*	*9.9*
Colored	*20.4*	*19.6*	*18.8*	*20.3*	*18.3*
Dayton	12.2	11.0	11.0	11.8	11.8
Denver	17.4	15.1	15.0	14.1	14.8
Des Moines	(1)	11.2	12.0	11.4	12.4
Detroit	13.5	11.0	9.3	8.1	7.9
Duluth	10.2	11.1	11.7	11.2	11.3
Elizabeth	12.7	11.3	11.5	10.6	10.4
El Paso	28.1	19.2	17.7	14.8	14.0
Erie	13.7	11.8	11.2	10.8	11.1
Evansville	13.0	12.3	12.6	11.3	10.7
Fall River	14.7	13.5	11.5	11.0	11.4
Flint	11.8	7.8	8.9	6.9	7.5
Fort Wayne	13.2	11.4	11.0	10.9	10.1
Fort Worth	(1)	10.4	11.0	10.5	10.5
White	(1)	*9.9*	*10.1*	*9.8*	*9.8*
Colored	(1)	*13.8*	*16.5*	*14.9*	*15.2*
Gary	13.8	13.0	9.6	9.6	8.0
Grand Rapids	13.2	11.5	10.0	9.0	9.0
Hartford	16.5	13.5	13.0	13.2	12.2
Houston	13.5	12.8	12.2	10.9	11.2
White	*12.0*	*10.8*	*10.3*	*9.3*	*9.8*
Colored	*18.2*	*19.4*	*19.1*	*16.5*	*16.4*
Indianapolis	14.6	14.5	14.2	13.6	12.9
White	*13.8*	*13.8*	*13.5*	*13.1*	*12.4*
Colored	*21.1*	*20.1*	*19.6*	*17.3*	*16.6*
Jacksonville, Fla	16.9	16.7	15.2	14.7	14.4
White	*14.1*	*12.7*	*11.8*	*11.5*	*10.5*
Colored	*20.3*	*22.5*	*21.0*	*20.4*	*21.5*
Jersey City	14.1	11.9	11.3	11.2	11.1
Kansas City, Kans	14.5	14.1	13.7	12.8	12.9
White	*15.5*	*12.4*	*13.1*	*12.0*	*12.4*
Colored	*20.6*	*23.5*	*16.9*	*16.7*	*16.7*
Kansas City, Mo	16.1	13.9	13.2	12.8	12.6
Knoxville	17.0	14.2	14.1	12.7	12.3
White	*16.2*	*12.6*	*13.2*	*11.9*	*11.4*
Colored	*21.7*	*22.7*	*18.5*	*16.9*	*16.7*
Long Beach	12.8	11.7	10.4	9.8	10.1
Los Angeles	13.6	12.5	11.2	10.8	11.1
Louisville	15.0	14.3	14.3	14.0	13.7
White	*15.6*	*12.9*	*12.6*	*12.6*	*12.5*
Colored	*21.9*	*22.1*	*23.2*	*21.8*	*20.3*
Lowell	15.8	14.6	13.2	12.9	12.9
Lynn	12.8	11.6	10.3	9.3	10.1
Memphis	19.8	18.5	17.3	16.6	16.8
White	*15.6*	*13.8*	*13.5*	*13.6*	*13.6*
Colored	*26.8*	*26.2*	*23.5*	*21.4*	*22.0*
Miami	15.0	(2)	11.1	11.4	11.6
White	*12.5*	(2)	*9.9*	*10.5*	*10.4*
Colored	*20.7*	(2)	*15.2*	*14.7*	*15.0*
Milwaukee	11.7	10.6	9.6	9.0	8.8
Minneapolis	12.3	11.7	10.8	10.9	10.9
Nashville	18.1	17.0	16.3	16.7	15.5
White	*15.5*	*14.1*	*13.7*	*14.6*	*13.9*
Colored	*24.0*	*24.1*	*23.1*	*22.4*	*19.8*
Newark, N. J	12.9	12.4	11.9	11.4	10.5
New Bedford	14.4	12.0	11.0	12.0	11.0
New Haven	14.6	13.4	13.0	13.1	12.5
New Orleans	17.6	18.7	17.4	16.4	16.6
White	*14.5*	*14.7*	*14.4*	*13.5*	*14.0*
Colored	*26.2*	*29.0*	*25.1*	*23.6*	*22.9*
New York	12.9	11.4	10.8	10.9	10.5
Bronx Boro	10.4	8.1	7.9	8.1	8.0
Brooklyn Boro	12.5	10.8	9.8	10.1	9.7
Manhattan Boro	14.4	14.5	16.0	16.4	15.5
Queens Boro	11.0	8.8	7.1	7.1	6.9
Richmond Boro	15.0	13.4	13.8	13.4	14.1
Norfolk	15.5	12.9	13.6	13.2	12.9
White	*12.1*	*9.3*	*10.1*	*10.1*	*10.2*
Colored	*21.1*	*19.6*	*20.4*	*19.1*	*18.0*
Oakland	11.8	10.2	11.1	10.8	10.7
Oklahoma City	11.9	8.4	11.2	10.5	10.6
Omaha	14.4	13.8	13.1	13.2	12.6
Paterson	12.8	12.5	12.0	13.2	12.4
Peoria	15.1	12.3	12.3	12.3	11.1
Philadelphia	14.5	13.8	12.5	12.8	12.1
Pittsburgh	16.4	15.0	13.9	14.1	12.8
Portland, Oreg	12.2	11.9	12.1	11.6	11.2
Providence	15.5	13.5	12.9	12.7	13.0
Reading	14.4	13.4	11.1	11.4	11.9
Richmond	16.5	15.4	14.9	15.5	14.2
White	*13.4*	*12.7*	*12.3*	*13.1*	*11.8*
Colored	*23.3*	*21.8*	*21.4*	*21.4*	*20.2*
Rochester	12.7	12.2	11.5	11.7	11.7
St. Louis	14.1	14.2	13.9	14.6	13.3
St. Paul	12.5	12.3	10.6	10.8	10.8
Salt Lake City	14.3	11.8	12.9	11.6	11.1
San Antonio	16.2	15.2	16.0	14.6	14.4
White	*16.1*	*15.0*	*15.7*	*14.4*	*14.3*
Colored	*16.8*	*17.2*	*19.7*	*16.8*	*16.1*
San Diego	17.0	15.0	14.5	13.7	14.4
San Francisco	14.2	12.9	13.0	12.9	12.7
Scranton	14.9	13.9	12.8	12.8	12.9
Seattle	10.7	9.8	10.9	11.3	11.2
Somerville	12.0	11.2	9.7	8.9	8.8
South Bend	12.7	11.0	9.1	8.1	7.7
Spokane	14.1	12.4	12.5	12.2	11.5
Springfield, Mass	13.1	12.7	11.8	11.0	11.1
Syracuse	15.2	12.2	11.7	11.4	11.8
Tacoma	12.9	12.3	12.8	12.7	12.8
Tampa	13.4	14.6	11.6	11.2	11.3
White	*11.2*	*12.1*	*10.4*	*10.1*	*10.6*
Colored	*20.8*	*24.2*	*15.9*	*15.5*	*13.8*
Toledo	13.9	13.0	12.6	11.8	11.6
Trenton	15.8	15.4	15.3	14.7	14.2
Tulsa	(1)	(1)	9.9	8.0	8.3
White	(1)	(1)	*9.2*	*7.5*	*8.0*
Colored	(1)	(1)	*15.4*	*11.3*	*10.5*
Utica	14.7	15.2	14.8	15.0	14.9
Washington, D. C	14.7	15.1	15.1	15.8	16.1
White	*12.7*	*12.6*	*12.9*	*13.4*	*14.0*
Colored	*20.6*	*22.2*	*21.0*	*22.0*	*21.6*
Wichita	15.0	11.8	11.9	9.7	9.9
Wilmington, Del	14.2	13.3	14.6	13.9	14.0
Worcester	14.8	13.5	12.8	12.0	12.1
Yonkers	11.3	9.6	8.4	8.6	8.6
Youngstown	13.0	11.8	10.5	9.7	9.6

[1] Not in registration area.

[2] Rate unsatisfactory.

Source: Bureau of the Census, Department of Commerce.

No. 74.—BIRTHS, DEATHS, AND DEATHS UNDER 1 YEAR OF AGE IN THE BIRTH REGISTRATION AREA: BY SEX

NOTE.—See general note, p. 77

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	393,615	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	701,184	662,485	996,627	534,720	461,907
1919	61,483,423	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	86,250,025	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	103,575,658	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	2,233,149	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	116,644,000	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

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	11.9
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	1,168	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	871,162	19.8	12.0	7.8	1,057	1,186	20.0	12.2
1929	800,163	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

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	89	1,298
1920	129,531	73,737	55,794	86	95	76	1,322
1924	136,730	78,085	58,645	71	79	63	1,331
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	146,661	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

[1] Midyear estimates.

[2] Exclusive of Rhode Island.

Source: Bureau of the Census, Department of Commerce.

No. 75.—BIRTHS AND EXCESS OF BIRTHS OVER DEATHS: By States

NOTE.—See general note, p. 77. For number of deaths in each State see Table 71; for number in entire birth registration area see Table 74

Area	Number of births					Excess of births over deaths [1]			
	1920	1925	1930	1931	1932	1925	1930	1931	1932
Total birth registration area	1,508,874	1,878,880	2,203,958	2,112,760	2,074,042	848,362	882,591	811,355	780,773
White	1,395,523	1,731,669	1,953,163	1,867,245	1,822,425	803,481	821,605	747,259	699,955
Colored	113,351	147,211	250,795	245,515	251,617	44,881	60,986	64,096	80,818
Cities in birth registration area	763,209	964,302	1,080,674	1,012,385	966,714	408,352	385,971	322,973	293,372
Rural part of birth registration area	745,665	914,578	1,123,284	1,100,375	1,107,328	440,010	496,620	488,382	487,401
Alabama	(2)	(2)	63,757	62,743	62,939	(2)	33,335	34,312	35,259
White	(2)	(2)	*40,732*	*39,829*	*39,381*	(2)	*24,772*	*24,713*	*24,510*
Colored	(2)	(2)	*22,975*	22,914	*23,558*	(2)	*8,563*	*9,599*	*10,749*
Arizona	(2)	(2)	10,376	9,369	8,523	(2)	3,697	3,295	3,101
Arkansas	(2)	(2)	41,093	41,042	37,450	(2)	22,143	23,195	21,135
White	(2)	(2)	*32,009*	*31,581*	*28,691*	(2)	*19,524*	*19,420*	*17,438*
Colored	(2)	(2)	*9,084*	*9,461*	*8,759*	(2)	*2,619*	*3,776*	*3,697*
California	67,199	85,204	84,206	81,426	78,093	28,404	17,957	14,016	10,413
Colorado	(2)	(2)	18,814	18,513	17,613	(2)	5,607	6,043	5,014
Connecticut	34,096	29,736	27,693	25,555	23,731	12,056	10,406	8,309	6,769
D[illegible]	(2)	4,674	4,474	4,237	4,294	1,559	1,218	936	1,116
I[illegible]	8,823	9,107	9,376	9,353	10,157	2,092	1,989	1,610	2,220
White	*6,319*	*6,245*	*6,524*	*6,368*	*6,810*	*1,952*	*1,729*	*1,594*	*1,809*
Colored	*2,504*	*2,862*	*3,052*	*2,985*	*3,347*	*140*	*260*	*16*	*411*
Florida	(2)	29,403	26,993	27,033	27,402	12,541	8,764	8,931	9,114
White	(2)	*20,160*	*18,602*	*18,663*	*18,875*	*10,000*	*7,555*	*7,606*	*7,588*
Colored	(2)	*9,243*	*8,391*	*8,370*	*8,527*	*2,541*	*1,209*	*1,325*	*1,526*
Georgia	(2)	(2)	60,689	61,780	63,717	(2)	25,506	28,788	31,589
White	(2)	(2)	*37,285*	*37,516*	*38,241*	(2)	*19,292*	*20,587*	*21,428*
Colored	(2)	(2)	*23,404*	*24,264*	*25,476*	(2)	6,214	*8,261*	*10,166*
Idaho	(2)	(2)	9,177	9,075	8,732	(2)	5,006	5,075	4,790
Illinois	(2)	135,437	128,121	118,788	111,512	53,844	44,530	33,000	28,332
Indiana	64,809	64,842	59,278	55,973	53,073	25,710	20,082	17,274	14,317
Iowa	(2)	47,760	42,733	41,943	40,459	23,466	16,505	16,262	14,673
Kansas	39,632	36,716	33,707	32,794	31,700	18,135	14,202	14,176	12,188
Kentucky	62,888	63,607	59,262	57,120	59,505	35,120	29,700	28,215	30,446
White	*58,747*	*59,088*	*55,881*	*53,865*	*56,195*	*35,352*	*31,069*	*29,509*	*31,366*
Colored	*4,141*	*4,419*	*3,381*	*3,255*	*3,310*	*−232*	*−1,369*	*−1,294*	*−920*
Louisiana	(2)	(2)	42,890	43,369	43,208	(2)	18,183	19,834	19,987
White	(2)	(2)	*26,166*	*26,313*	*25,606*	(2)	*13,543*	*14,034*	*13,094*
Colored	(2)	(2)	*16,724*	*17,056*	*17,602*	(2)	*4,640*	*5,800*	*6,893*
Maine	17,328	17,453	16,199	16,303	16,129	6,661	5,117	5,813	5,410
Maryland	36,212	33,864	30,251	28,782	28,820	12,236	8,684	7,019	7,782
White	*29,452*	*27,124*	*23,834*	*22,551*	*22,477*	*10,931*	*7,531*	*6,185*	*6,522*
Colored	*6,760*	*6,740*	*6,417*	*6,231*	*6,343*	*1,255*	*1,153*	*834*	*1,260*
Massachusetts	91,692	86,037	73,616	69,221	68,534	34,316	24,283	20,644	*19,088*
Michigan	92,740	99,220	99,325	90,929	85,736	49,801	47,705	41,825	36,151
Minnesota	55,909	53,776	47,418	46,882	46,377	28,340	21,716	21,432	20,786
Mississippi	(2)	45,155	48,163	45,211	46,273	23,002	24,064	23,202	25,962
White	(2)	*22,083*	*23,296*	*21,702*	*21,793*	*13,865*	*14,138*	*13,008*	*13,482*
Colored	(2)	*23,072*	*24,867*	*23,509*	*24,480*	*9,137*	*9,926*	*10,194*	*12,480*
Missouri	(2)	(2)	62,166	60,734	59,949	(2)	19,067	16,614	16,211
Montana	(2)	10,234	9,971	9,638	9,091	5,046	4,531	4,368	3,797
Nebraska	30,911	29,233	27,004	26,609	25,159	16,740	13,712	13,701	12,237
Nevada	(2)	(2)	1,332	1,223	1,260	(2)	172	−123	−82
New Hampshire	9,946	9,407	8,342	7,764	7,808	2,844	2,020	1,841	1,479
New Jersey	(2)	74,181	68,321	64,054	61,219	31,989	24,724	19,579	18,305
New Mexico	(2)	(2)	12,115	12,322	12,391	(2)	5,519	6,166	6,423
New York	235,243	229,717	216,072	205,677	198,431	87,217	68,619	56,570	50,607
North Carolina	81,407	88,716	76,772	74,799	77,902	51,165	40,990	41,083	46,851
White	*57,054*	*57,681*	*53,462*	*51,901*	*53,702*	*37,979*	*31,835*	*31,737*	*34,189*
Colored	*24,353*	*26,035*	*23,310*	*22,898*	*24,200*	*13,189*	*9,155*	*9,346*	*12,662*
North Dakota	(2)	14,471	14,783	14,380	14,047	9,426	9,412	9,252	8,894
Ohio	123,729	126,378	118,260	108,150	101,753	53,271	42,034	32,593	25,467
Oklahoma	(2)	(2)	42,505	43,269	41,039	(2)	22,859	24,467	21,754
White	(2)	(2)	*39,468*	*39,798*	*37,683*	(2)	*22,805*	*23,905*	*20,967*
Colored	(2)	(2)	*3,037*	*3,471*	*3,356*	(2)	*54*	*562*	*787*
Oregon	14,942	15,486	13,468	13,210	12,847	5,857	2,925	2,968	2,570
Pennsylvania	220,462	215,120	189,458	178,714	168,534	99,375	77,852	66,778	59,330
Rhode Island	(2)	14,400	12,191	11,325	11,171	6,174	4,185	3,352	3,091
South Carolina	47,777	(2)	40,480	39,515	41,518	(2)	18,027	18,428	21,634
White	*23,813*	(2)	*20,057*	*19,259*	20,072	(2)	*10,786*	*10,541*	*11,473*
Colored	*23,964*	(2)	*20,403*	*20,256*	*21,446*	(2)	*7,241*	*7,887*	*10,161*
South Dakota	(2)	(2)	(2)	(2)	13,241	(2)	(2)	(2)	7,516
Tennessee	(2)	(2)	52,652	52,234	52,491	(2)	22,665	23,616	23,803
White	(2)	(2)	*44,546*	*44,343*	*44,406*	(2)	*23,909*	*23,742*	*23,583*
Colored	(2)	(2)	*8,106*	*7,891*	*8,085*	(2)	*−644*	*−126*	*220*

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

No. 75.—Births and Excess of Births Over Deaths: By States—Con.

Area	Number of births					Excess of births over deaths [1]			
	1920	1925	1930	1931	1932	1925	1930	1931	1932
Utah	14,157	13,735	12,946	12,618	11,974	9,251	7,882	7,540	7,554
Vermont	7,409	7,509	6,934	6,676	6,030	2,372	2,247	2,183	1,277
Virginia	65,794	61,193	54,708	52,731	54,582	31,850	24,388	22,702	25,684
White	*45,229*	*42,407*	*38,972*	*37,746*	*38,515*	*24,884*	*20,379*	*19,276*	*20,243*
Colored	*20,565*	*18,786*	*15,731*	*14,985*	*16,067*	*6,966*	*4,009*	*3,426*	*5,441*
[illegible]	27,072	24,741	23,019	22,028	21,379	9,461	6,341	5,504	4,798
[illegible]	(2)	45,311	41,614	39,325	38,803	28,157	23,394	21,705	20,891
[illegible]	58,697	57,324	56,788	54,420	53,107	27,944	26,235	24,203	22,786
[illegible]	(2)	4,833	4,471	4,504	4,249	2,937	2,392	2,469	2,192
Hawaii [3]	(2)	(2)	10,814	10,463	10,493	(2)	6,949	6,732	6,823
Virgin Islands [3]	(2)	634	592	478	553	133	108	29	99

[1] A *minus sign* indicates an excess of deaths over births. [2] Not in the birth registration area.
[3] Not included in total.
Source: Bureau of the Census, Department of Commerce.

No. 76.—Births, Deaths, and Excess of Births Over Deaths: Rates per 1,000 Population in the Birth Registration Area

Note.—See general note, p. 77

Area	1920	1924	1925	1926	1927	1928	1929	1930	1931	1932
Total birth registration area:										
Births	23.7	22.4	21.5	20.7	20.6	19.8	18.9	18.9	18.0	17.4
Deaths	13.1	11.7	11.8	12.2	11.4	12.0	11.9	11.3	11.1	10.9
Excess	10.6	10.7	9.7	8.5	9.2	7.8	7.0	7.6	6.9	6.5
White:										
Births	23.4	22.1	21.2	20.4	20.4	19.5	18.6	18.6	17.7	17.0
Deaths	12.7	11.2	11.4	11.8	10.9	11.5	11.3	10.8	10.6	10.5
Excess	10.7	10.9	9.8	8.6	9.5	8.0	7.3	7.8	7.1	6.5
Colored:										
Births	26.9	26.2	25.4	24.9	23.6	22.2	21.3	21.5	20.9	21.3
Deaths	18.3	17.3	17.6	18.1	16.5	17.1	16.9	16.3	15.5	14.5
Excess	8.6	8.9	7.8	6.8	7.1	5.1	4.4	5.2	5.4	6.8
Cities:										
Births	23.9	22.8	21.9	21.2	21.0	20.1	19.4	19.1	17.5	16.7
Deaths	14.0	12.5	12.7	13.1	12.4	13.3	13.0	12.3	11.9	11.6
Excess	9.8	10.3	9.2	8.1	8.6	6.8	6.4	6.8	5.6	5.1
Rural:										
Births	23.5	22.0	21.0	20.2	20.3	19.5	18.4	18.7	18.4	18.1
Deaths	12.2	10.9	10.9	11.3	10.4	11.0	10.9	10.5	10.3	10.2
Excess	11.3	11.1	10.1	8.9	9.9	8.5	7.5	8.2	8.1	7.9

Source: Bureau of the Census, Department of Commerce.

No. 77.—Births and Excess of Births Over Deaths: Rates per 1,000 Population, by States

Note.—See general note, p. 77

Area	Births per 1,000 population								Excess [illegible] per [illegible]				
	1920	1925	1927	1928	1929	1930	1931	1932	1925	1929	1930	1931	1932
Total birth registration area	23.7	21.5	20.6	19.8	18.9	18.9	18.0	17.4	9.7	7.0	7.6	6.9	6.5
White	23.4	21.2	20.4	19.5	18.6	18.6	17.7	17.0	9.8	7.3	7.8	7.1	6.5
Colored	26.9	25.4	23.6	22.2	21.3	21.5	20.9	21.3	7.8	4.4	5.2	5.4	6.8
Cities in birth registration area	23.9	21.9	21.0	20.1	19.4	19.1	17.5	16.7	9.2	6.4	6.8	5.6	5.1
Rural part of birth registration area	23.5	21.0	20.3	19.5	18.4	18.7	18.4	18.1	10.1	7.5	8.2	8.1	7.9
Alabama	(2)	(2)	26.3	24.5	24.0	24.0	23.5	23.5	(2)	11.6	12.5	12.8	13.2
White	(2)	(2)	*26.9*	*24.8*	*24.2*	*23.9*	*23.2*	*22.8*	(2)	*14.0*	*14.5*	*14.4*	*14.2*
Colored	(2)	(2)	*25.2*	*23.9*	*23.5*	*24.3*	*24.1*	*24.8*	(2)	*7.3*	*9.1*	*10.1*	*11.3*
Arizona	(2)	(2)	20.9	21.4	22.4	23.7	21.1	19.0	(2)	6.5	8.5	7.4	6.9

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

No. 77.—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	1927	1928	1929	1930	1931	1932	1925	1929	1930	1931	1932
Arkansas	(2)	(2)	22.1	20.8	20.2	22.1	22.0	20.1	(2)	9.7	11.9	12.4	11.4
White	(2)	(2)	*23.3*	*21.9*	*21.0*	*23.2*	*22.8*	*20.7*	(2)	*11.6*	*14.1*	*14.0*	*12.6*
Colored	(2)	(2)	*18.6*	*17.8*	*17.8*	*18.9*	*19.8*	*18.2*	(2)	*4.0*	*5.4*	*7.9*	*7.7*
California	19.0	18.4	16.6	15.8	14.8	14.7	13.9	13.1	6.0	2.9	3.1	2.4	1.7
Colorado	(2)	(2)	(2)	18.8	17.4	18.1	17.7	16.8	(2)	4.9	5.4	5.7	4.8
Connecticut	24.5	19.8	18.7	18.0	17.1	17.2	15.7	14.5	8.0	5.6	6.5	5.1	4.1
Delaware	(2)	20.2	18.2	18.3	18.1	18.7	17.7	17.9	6.7	4.9	5.1	3.9	4.7
District of Columbia	20.1	19.6	19.1	18.7	18.4	19.2	19.0	20.6	4.5	3.0	4.1	3.2	4.5
White	*19.3*	*18.3*	*17.9*	*17.5*	*17.0*	*17.8*	*17.9*	*19.1*	*5.7*	*4.0*	*4.9*	*4.5*	*5.1*
Colored	*22.4*	*23.3*	*22.3*	*21.8*	*22.2*	*22.9*	*22.1*	*24.6*	*1.1*	*.5*	*1.9*	*.1*	*3.0*
Florida	(2)	23.8	25.6	21.5	18.8	18.2	18.0	17.9	10.2	6.1	5.9	6.0	5.9
White	(2)	*23.7*	*25.7*	*21.3*	*18.2*	*17.8*	*17.5*	*17.4*	*11.8*	*7.4*	*7.2*	*7.1*	*7.0*
Colored	(2)	*24.0*	*25.4*	*22.0*	*20.1*	*19.3*	*19.0*	*19.2*	*6.6*	*3.0*	*2.8*	*3.0*	*3.5*
Georgia	(2)	(2)	(2)	20.3	20.1	20.9	21.2	21.9	(2)	7.9	8.8	9.9	10.9
White	(2)	(2)	(2)	*20.5*	*19.6*	*20.3*	*20.3*	*20.6*	(2)	*9.6*	*10.5*	*11.1*	*11.5*
Colored	(2)	(2)	(2)	*20.0*	*21.1*	*21.9*	*22.9*	*24.1*	(2)	*5.3*	*5.8*	*7.8*	*9.6*
Idaho	(2)	(2)	20.8	20.5	19.8	20.6	20.3	19.5	(2)	10.6	11.2	11.3	10.7
Illinois	(2)	19.1	18.3	17.4	17.0	16.7	15.4	14.4	7.6	5.4	5.8	4.3	3.7
Indiana	22.0	20.8	19.7	18.9	18.3	18.3	17.2	16.2	8.3	5.6	6.2	5.3	4.4
Iowa	(2)	19.0	18.2	17.6	17.1	17.3	16.9	16.3	9.6	6.7	6.7	6.5	5.9
Kansas	22.3	20.1	18.8	18.2	17.4	17.9	17.4	16.7	9.9	7.0	7.5	7.5	6.4
Kentucky	25.9	25.2	24.3	23.0	21.7	22.6	21.7	22.6	13.9	9.7	11.3	10.7	11.6
White	*26.8*	*26.8*	*25.0*	*23.7*	*22.3*	*23.4*	*22.4*	*23.3*	*15.4*	*11.2*	*13.0*	*12.3*	*13.0*
Colored	*17.6*	*19.2*	*17.7*	*16.1*	*15.6*	*15.0*	*14.4*	*14.7*	*−1.0*	*−5.7*	*−6.0*	*−5.7*	*−4.1*
Louisiana	(2)	(2)	22.9	20.5	20.3	20.3	20.4	20.3	(2)	8.4	8.6	9.3	9.4
White	(2)	(2)	*22.8*	*20.1*	*19.7*	*19.7*	*19.6*	*19.0*	(2)	*10.0*	*10.2*	*10.4*	*9.7*
Colored	(2)	(2)	*23.0*	*21.1*	*21.2*	*21.4*	*21.7*	*22.5*	(2)	*5.5*	*5.9*	*7.4*	*8.8*
Maine	22.5	22.3	20.7	20.8	20.0	20.3	20.4	20.1	8.5	5.7	6.4	7.3	6.7
Maryland	24.8	21.9	20.5	19.9	18.5	18.5	17.5	17.4	7.9	5.0	5.3	4.3	4.7
White	*24.3*	*21.1*	*19.8*	*19.0*	*17.5*	*17.6*	*16.5*	*16.4*	*8.5*	*5.1*	*5.6*	*4.5*	*4.8*
Colored	*27.4*	*25.7*	*24.4*	*24.3*	*23.4*	*23.1*	*22.3*	*22.6*	*4.8*	*4.5*	*4.2*	*3.0*	*4.5*
Massachusetts	23.7	21.2	19.9	18.9	17.5	17.3	16.2	15.9	8.5	5.2	5.8	4.9	4.4
Michigan	24.9	23.1	22.1	21.1	20.8	20.4	18.4	17.2	11.6	9.0	9.8	8.4	7.2
Minnesota	23.3	21.7	20.2	19.5	18.3	18.5	18.2	17.9	11.5	8.2	8.5	8.3	8.0
Mississippi	(2)	23.7	25.3	24.4	22.9	23.9	22.3	22.7	12.1	9.9	11.9	11.4	12.7
White	(2)	*23.7*	*25.3*	*24.3*	*22.3*	*23.2*	*21.5*	*21.5*	*14.9*	*12.0*	*14.1*	*13.9*	*13.3*
Colored	(2)	*23.6*	*25.2*	*24.6*	*23.4*	*24.6*	*23.1*	*24.0*	*9.3*	*7.9*	*9.3*	*10.0*	*12.2*
Missouri	(2)	(2)	18.6	17.6	16.9	17.1	16.7	16.4	(2)	4.6	5.2	4.6	4.4
Montana	(2)	18.9	18.1	18.5	18.7	18.5	17.9	16.9	9.3	8.0	8.4	8.1	7.1
Nebraska	23.8	21.8	20.5	20.5	19.4	19.6	19.2	18.1	12.5	9.6	10.0	9.9	8.8
Nevada	(2)	(2)	(2)	(2)	14.2	14.6	13.3	13.5	(2)	.9	1.9	−1.3	−.9
New Hampshire	22.4	20.7	19.2	18.8	17.6	17.9	16.6	16.7	6.3	3.5	4.3	3.9	3.2
New Jersey	(2)	20.4	19.1	18.0	17.2	16.8	15.6	14.8	8.8	5.6	6.1	4.8	4.5
New Mexico	(2)	(2)	(2)	(2)	27.1	28.5	28.8	28.7	(2)	11.7	13.0	14.4	14.9
New York	22.4	19.9	19.0	18.3	17.5	17.1	16.1	15.4	7.6	5.1	5.4	4.4	3.9
North Carolina	31.4	29.0	27.7	26.4	24.7	24.1	23.3	24.0	17.7	12.9	12.9	13.0	14.4
White	*31.6*	*28.5*	*27.3*	*25.8*	*24.2*	*23.8*	*22.9*	*23.6*	*18.8*	*14.0*	*14.2*	*14.0*	*15.0*
Colored	*31.1*	*30.2*	*28.3*	*27.7*	*25.9*	*24.8*	*24.2*	*25.3*	*15.2*	*10.4*	*9.7*	*10.5*	*13.2*
North Dakota	(2)	21.8	21.9	22.2	21.6	21.7	21.1	20.5	14.2	13.6	13.8	13.6	13.0
Ohio	21.3	20.3	19.3	18.5	17.7	17.7	16.1	15.1	8.5	5.3	6.3	4.8	3.8
Oklahoma	(2)	(2)	(2)	18.4	16.8	17.7	17.9	16.8	(2)	7.8	9.5	10.1	8.9
White	(2)	(2)	(2)	*19.5*	*17.7*	*18.5*	*18.5*	*17.4*	(2)	*9.0*	*10.7*	*11.1*	*9.7*
Colored	(2)	(2)	(2)	*9.9*	*9.0*	*11.4*	*13.9*	*12.3*	(2)	*−3.0*	*.2*	*2.1*	*2.9*
Oregon	18.9	17.7	16.1	15.2	14.1	14.1	13.7	13.2	6.7	2.8	3.1	3.1	2.6
Pennsylvania	25.2	23.4	22.4	21.2	19.8	19.6	18.4	17.3	10.8	7.5	8.0	6.9	6.1
Rhode Island	(2)	22.2	20.6	19.3	18.0	17.7	16.3	16.0	9.5	4.9	6.1	4.8	4.4
South Carolina	28.3	(2)	(2)	25.0	22.7	23.3	22.7	23.8	(2)	9.4	10.4	10.6	12.4
White	*28.9*	(2)	(2)	*25.4*	*20.9*	*21.2*	*20.2*	*20.9*	(2)	*10.8*	*11.4*	*11.1*	*11.9*
Colored	*27.8*	(2)	(2)	*26.9*	*24.9*	*25.7*	*25.7*	*27.3*	(2)	*7.9*	*9.1*	*10.0*	*12.9*
South Dakota	(2)	(2)	(2)	(2)	(2)	(2)	(2)	18.9	(2)	(2)	(2)	(2)	10.7
Tennessee	(2)	(2)	21.5	19.6	19.5	20.1	19.8	19.8	(2)	7.3	8.7	9.0	9.0
White	(2)	(2)	*22.1*	*20.2*	*20.0*	*20.8*	*20.5*	*20.5*	(2)	*9.3*	*10.9*	*11.0*	*10.9*
Colored	(2)	(2)	*18.8*	*16.8*	*17.1*	*17.0*	*16.4*	*16.8*	(2)	*−1.6*	*−1.3*	*−.3*	*.6*
Utah	31.3	28.6	26.2	26.0	24.6	25.4	23.5	23.3	19.3	14.5	15.5	14.8	14.7
Vermont	21.0	21.1	19.6	19.6	18.7	19.3	18.5	16.8	6.7	4.0	6.3	6.0	3.6
Virginia	28.4	25.8	24.3	23.5	22.4	22.6	21.7	22.4	13.4	9.4	10.1	9.3	10.5
White	*27.8*	*24.9*	*23.6*	*22.9*	*21.7*	*22.0*	*21.2*	*21.5*	*14.6*	*10.7*	*11.5*	*10.8*	*11.3*
Colored	*29.8*	*28.0*	*26.1*	*25.2*	*24.2*	*24.2*	*23.1*	*24.9*	*10.4*	*6.0*	*6.2*	*5.3*	*8.5*
Washington	19.8	16.9	15.5	15.2	14.6	14.7	14.0	13.5	6.5	4.0	4.1	3.5	3.1
West Virginia	(2)	28.2	27.1	25.8	23.8	24.0	22.5	22.0	17.5	13.2	13.5	12.4	11.8
Wisconsin	22.2	20.5	20.2	19.9	19.0	19.3	18.4	17.8	10.0	8.3	8.9	8.2	7.6
Wyoming	(2)	22.9	20.6	20.4	19.8	19.8	19.8	18.6	13.9	10.8	10.6	10.9	9.6
Hawaii[3]	(2)	(2)	(2)	(2)	31.2	29.1	27.4	26.7	(2)	19.0	18.7	17.6	17.4

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

Source: Bureau of the Census, Department of Commerce.

No. 78.—BIRTHS AND STILLBIRTHS BY LEGITIMACY: BY STATES, 1932

Area	Births (excluding stillbirths)			Stillbirths			Stillbirths per 100 live births		
	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate
Birth registration area [1]	**1,927,415**	**1,852,910**	**74,505**	**73,891**	**67,616**	**6,275**	**3.8**	**3.6**	**8.4**
White	1,674,668	1,639,974	34,694	55,153	53,124	2,029	3.3	3.2	5.8
Colored	252,747	212,936	39,811	18,738	14,492	4,246	7.4	6.8	10.7
Alabama	62,939	57,341	5,598	3,089	2,608	481	4.9	4.5	8.6
White	*39,381*	*38,680*	*701*	*1,337*	*1,308*	*29*	*3.4*	*3.4*	*4.1*
Colored	*23,558*	*18,661*	*4,897*	*1,752*	*1,300*	*452*	*7.4*	*7.0*	*9.2*
Arizona	8,523	8,349	174	216	202	14	2.5	2.4	8.0
Arkansas	37,450	35,893	1,557	1,491	1,338	153	4.0	3.7	9.8
White	*28,689*	*28,804*	*585*	*861*	*828*	*33*	*3.0*	*2.9*	*5.6*
Colored	*8,761*	*7,589*	*1,172*	*630*	*510*	*120*	*7.2*	*6.7*	*10.2*
Colorado	17,613	17,162	451	559	537	22	3.2	3.1	4.9
Connecticut	23,731	23,309	422	685	667	18	2.9	2.9	4.3
[illegible]	4,294	4,069	225	145	119	26	3.4	2.9	11.6
	10,157	9,376	781	437	362	75	4.3	3.9	9.6
White	*6,809*	*6,635*	*174*	*210*	*202*	*8*	*3.1*	*3.0*	*4.6*
Colored	*3,348*	*2,741*	*607*	*227*	*160*	*67*	*6.8*	*5.8*	*11.0*
Florida	27,402	25,731	1,671	1,550	1,321	229	5.7	5.1	13.7
White	*18,874*	*18,540*	*334*	*706*	*677*	*29*	*3.7*	*3.7*	*8.7*
Colored	*8,528*	*7,191*	*1,337*	*844*	*644*	*200*	*9.9*	*9.0*	*16.0*
Georgia	63,717	58,636	5,081	3,849	3,227	622	6.0	5.5	12.2
White	*38,241*	*37,642*	*599*	*1,491*	*1,451*	*40*	*3.9*	*3.9*	*6.7*
Colored	*25,476*	*20,994*	*4,482*	*2,358*	*1,776*	*582*	*9.3*	*8.5*	*13.0*
Idaho	8,732	8,641	91	236	229	7	2.7	2.7	7.7
Illinois	111,512	108,844	2,668	3,446	3,326	120	3.1	3.1	4.5
Indiana	53,073	51,976	1,097	1,518	1,457	61	2.9	2.8	5.6
Iowa	40,459	39,730	729	1,278	1,226	52	3.2	3.2	7.1
Kansas	31,700	31,166	534	894	864	30	2.8	2.8	5.6
Kentucky	59,505	58,401	1,104	2,014	1,928	86	3.4	3.3	7.8
White	*56,195*	*55,426*	*769*	*1,804*	*1,742*	*62*	*3.2*	*3.1*	*8.1*
Colored	*3,310*	*2,975*	*335*	*210*	*186*	*24*	*6.3*	*6.3*	*7.2*
Louisiana	43,298	39,609	3,689	2,186	1,906	280	5.0	4.8	7.6
White	*25,600*	*25,064*	*536*	*861*	*844*	*17*	*3.4*	*3.4*	*3.2*
Colored	*17,698*	*14,545*	*3,153*	*1,325*	*1,062*	*263*	*7.5*	*7.3*	*8.3*
Maine	16,129	15,618	511	546	518	28	3.4	3.3	5.5
Maryland	28,820	26,828	1,992	1,856	1,594	262	6.4	5.9	13.2
White	*22,477*	*21,956*	*521*	*1,211*	*1,145*	*66*	*5.4*	*5.2*	*12.7*
Colored	*6,343*	*4,872*	*1,471*	*645*	*449*	*196*	*10.2*	*9.2*	*13.3*
Michigan	85,736	83,634	2,102	2,977	2,871	106	3.5	3.4	5.0
Minnesota	46,377	45,178	1,199	1,333	1,257	76	2.9	2.8	6.3
Mississippi	46,273	42,439	3,834	2,189	1,849	340	4.7	4.4	8.9
White	*21,787*	*21,501*	*286*	*678*	*660*	*18*	*3.1*	*3.1*	*6.3*
Colored	*24,486*	*20,938*	*3,548*	*1,511*	*1,189*	*322*	*6.2*	*5.7*	*9.1*
Missouri	59,949	58,027	1,922	2,477	2,299	178	4.1	4.0	9.3
Montana	9,091	8,892	199	254	250	4	2.8	2.8	2.0
Nebraska	25,159	24,676	483	693	676	17	2.8	2.7	3.5
Nevada	1,260	1,249	11	60	58	2	4.8	4.6	18.2
New Hampshire	7,808	7,659	149	300	284	16	3.8	3.7	10.7
New Jersey	61,219	59,943	1,276	2,291	2,205	86	3.7	3.7	6.7
New Mexico	12,391	11,973	418	389	372	17	3.1	3.1	4.1
New York	198,431	194,737	3,694	8,258	7,984	274	4.2	4.1	7.4
North Carolina	77,902	71,614	6,288	3,630	2,989	647	4.7	4.2	10.3
White	*53,701*	*52,226*	*1,475*	*1,746*	*1,653*	*93*	*3.3*	*3.2*	*6.3*
Colored	*24,201*	*19,388*	*4,813*	*1,890*	*1,336*	*554*	*7.8*	*6.9*	*11.5*
North Dakota	14,047	13,727	320	362	346	16	2.6	2.5	5.0
Ohio	101,753	99,219	2,534	3,453	3,275	178	3.4	3.3	7.0
Oklahoma	41,039	40,157	882	1,056	1,013	43	2.6	2.5	4.9
White	*37,553*	*36,992*	*561*	*913*	*887*	*26*	*2.4*	*2.4*	*4.6*
Colored	*3,486*	*3,165*	*321*	*143*	*126*	*17*	*4.1*	*4.0*	*5.3*
Oregon	12,847	12,613	234	322	308	14	2.5	2.4	6.0
Pennsylvania	168,534	162,897	5,637	6,021	5,653	368	3.6	3.5	6.5
Rhode Island	11,171	10,901	270	382	370	12	3.4	3.4	4.4
South Carolina	41,518	36,803	4,715	2,651	2,116	535	6.4	5.7	11.3
White	*20,072*	*19,572*	*500*	*678*	*657*	*21*	*3.4*	*3.4*	*4.2*
Colored	*21,446*	*17,231*	*4,215*	*1,973*	*1,459*	*514*	*9.2*	*8.5*	*12.2*
South Dakota	13,241	13,013	228	312	302	10	2.4	2.3	4.4
Tennessee	52,491	50,360	2,131	2,097	1,902	195	4.0	3.8	9.2
White	*44,406*	*43,496*	*910*	*1,473*	*1,423*	*50*	*3.3*	*3.3*	*5.5*
Colored	*8,085*	*6,864*	*1,221*	*624*	*479*	*145*	*7.7*	*7.0*	*11.9*
Utah	11,974	11,856	118	247	243	4	2.1	2.0	3.4
Vermont	6,030	5,884	146	184	180	4	3.1	3.1	2.7
Virginia	54,582	50,734	3,848	2,422	2,064	358	4.4	4.1	9.3
White	*38,515*	*37,524*	*991*	*1,224*	*1,160*	*64*	*3.2*	*3.1*	*6.5*
Colored	*16,067*	*13,210*	*2,857*	*1,198*	*904*	*294*	*7.5*	*6.8*	*10.3*
[illegible]	21,379	20,922	457	530	512	18	2.5	2.4	3.9
	38,803	37,067	1,736	1,431	1,292	139	3.7	3.5	8.0
	53,107	51,878	1,229	1,457	1,407	50	2.7	2.7	4.1
	4,249	4,179	70	112	110	2	2.6	2.6	2.9

[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. 79.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE: NUMBER AND RATES, BY STATES, FOR THE BIRTH REGISTRATION AREA

NOTE.—See general note, p. 77

Area	Number of infant deaths		Deaths of infants under 1 year of age per 1,000 births						
	1931	1932	1920	1925	1928	1929	1930	1931	1932
Total birth registration area	130,134	119,431	86	72	69	68	65	62	58
White	107,269	96,250	82	68	64	63	60	57	53
Colored	22,865	23,181	132	111	106	102	100	93	86
Cities	61,705	54,788	91	73	69	66	63	61	57
White	52,672	45,894	87	69	65	62	59	57	53
Colored	9,033	8,894	158	125	121	114	109	106	96
Rural part	68,429	64,643	81	70	68	69	66	62	58
White	54,597	50,356	76	67	63	64	62	58	54
Colored	13,832	14,287	118	101	99	96	95	86	81
Alabama	3,855	3,835	(1)	(1)	75	74	72	61	61
White	*2,098*	*2,042*	(1)	(1)	*64*	*64*	*60*	*53*	*52*
Colored	*1,757*	*1,793*	(1)	(1)	*94*	*91*	*94*	*77*	*76*
Arizona	1,027	817	(1)	(1)	142	133	117	110	96
Arkansas	2,013	1,697	(1)	(1)	67	58	51	49	45
White	*1,530*	*1,244*	(1)	(1)	*61*	*55*	*50*	*48*	*43*
Colored	*483*	*453*	(1)	(1)	*86*	*69*	*56*	*51*	*52*
California	4,613	4,116	74	69	62	63	59	57	53
Colorado	1,500	1,259	(1)	(1)	89	91	94	81	72
Connecticut	1,375	1,173	92	73	59	64	56	54	49
Delaware	346	288	(1)	91	78	81	78	82	67
District of Columbia	627	740	91	87	65	71	71	67	73
White	*283*	*380*	*72*	*67*	*46*	*48*	*52*	*44*	*56*
Colored	*344*	*360*	*139*	*132*	*107*	*117*	*110*	*115*	*108*
Florida	1,728	1,674	(1)	74	67	66	64	64	61
White	*967*	*933*	(1)	*60*	*55*	*52*	*50*	*52*	*49*
Colored	*761*	*741*	(1)	*105*	*95*	*94*	*95*	*91*	*87*
Georgia	4,217	4,101	(1)	(1)	82	76	77	68	64
White	*2,127*	*2,121*	(1)	(1)	*68*	*66*	*65*	*57*	*56*
Colored	*2,090*	*1,980*	(1)	(1)	*104*	*93*	*97*	*86*	*78*
Idaho	507	379	(1)	(1)	59	55	57	56	43
Illinois	6,961	5,884	(1)	73	64	61	56	59	53
Indiana	3,224	2,903	82	68	63	64	58	58	55
Iowa	2,055	1,933	(1)	56	53	53	54	49	48
Kansas	1,571	1,525	73	62	69	58	53	48	48
Kentucky	3,713	3,767	73	70	70	71	65	65	63
White	*3,268*	*3,409*	*69*	*67*	*66*	*67*	*62*	*61*	*61*
Colored	*445*	*358*	*133*	*120*	*118*	*130*	*122*	*137*	*108*
Louisiana	2,856	2,804	(1)	(1)	78	74	78	66	65
White	*1,409*	*1,363*	(1)	(1)	*64*	*59*	*62*	*54*	*53*
Colored	*1,447*	*1,451*	(1)	(1)	*102*	*98*	*103*	*86*	*82*
Maine	1,166	1,017	102	76	73	77	76	72	63
Maryland	2,318	1,989	104	90	80	80	75	81	69
White	*1,496*	*1,289*	*90*	*76*	*67*	*69*	*63*	*66*	*57*
Colored	*822*	*700*	*164*	*146*	*128*	*120*	*121*	*132*	*110*
Massachusetts	3,774	3,624	91	73	64	62	60	55	53
Michigan	5,184	4,628	92	75	69	66	63	57	54
Minnesota	2,370	2,189	86	60	54	51	52	51	47
Mississippi	2,529	2,480	(1)	68	74	72	68	56	54
White	*952*	*967*	(1)	*53*	*61*	*58*	*51*	*44*	*44*
Colored	*1,577*	*1,513*	(1)	*83*	*86*	*85*	*83*	*67*	*62*
Missouri	3,814	3,430	(1)	(1)	66	62	59	63	57
Montana	583	467	(1)	71	61	64	58	60	51
Nebraska	1,299	1,091	64	58	53	52	49	49	43
Nevada	91	88	(1)	(1)	(1)	67	68	74	70
New Hampshire	445	460	88	76	69	68	61	57	59
New Jersey	3,640	3,075	(1)	69	65	60	56	57	50
New Mexico	1,656	1,479	(1)	(1)	(1)	146	145	134	119
New York	11,808	10,469	86	68	65	61	59	57	53
North Carolina	5,455	5,183	85	79	86	79	79	73	67
White	*3,115*	*3,073*	*73*	*67*	*75*	*67*	*67*	*60*	*57*
Colored	*2,340*	*2,110*	*113*	*105*	*109*	*107*	*105*	*102*	*87*
North Dakota	845	779	(1)	72	60	67	62	59	56
Ohio	6,494	5,951	83	70	66	69	61	60	59
Oklahoma	2,228	2,053	(1)	(1)	69	70	61	51	50
White	*1,942*	*1,770*	(1)	(1)	*66*	*66*	*57*	*49*	*47*
Colored	*286*	*282*	(1)	(1)	*131*	*142*	*108*	*82*	*81*
Oregon	577	531	62	51	47	48	50	44	41
Pennsylvania	11,918	10,113	97	82	72	71	68	67	60

1 Not in the birth registration area.

No. 79.—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						
	1931	1932	1920	1925	1928	1929	1930	1931	1932
Rhode Island	689	639	(1)	73	67	72	62	61	57
South Carolina	3,201	3,204	116	(1)	97	91	89	81	77
White	*1,134*	*1,234*	*83*	(1)	*78*	*72*	*69*	*59*	*62*
Colored	*2,067*	*1,970*	*148*	(1)	*115*	*110*	*108*	*102*	*92*
South Dakota	(1)	668	(1)	(1)	(1)	(1)	(1)	(1)	50
Tennessee	3,530	3,550	(1)	(1)	81	77	76	68	68
White	*2,727*	*2,788*	(1)	(1)	*73*	*70*	*69*	*61*	*63*
Colored	*803*	*767*	(1)	(1)	*121*	*117*	*115*	*102*	*95*
Utah	618	529	71	56	59	59	57	51	44
Vermont	400	381	96	72	65	66	65	60	63
Virginia	4,026	3,670	84	81	76	79	77	76	67
White	*2,411*	*2,222*	*72*	*68*	*64*	*67*	*65*	*64*	*58*
Colored	*1,615*	*1,448*	*110*	*111*	*105*	*107*	*107*	*108*	*90*
Washington	1,064	967	66	56	48	49	49	48	45
West Virginia	3,036	2,911	(1)	80	70	78	81	77	75
Wisconsin	2,887	2,675	77	67	61	60	56	53	50
Wyoming	301	242	(1)	64	68	70	69	69	57
Hawaii [2]	796	799	(1)	(1)	(1)	101	82	76	76
Virgin Islands [2]	57	74	(1)	142	215	145	120	119	134
Total for area having birth registration in 1917 [3]	70,437	63,953	86	73	68	66	63	61	57

[1] Not in the birth registration area. [2] Not included in the total. [3] Exclusive of Rhode Island.

No. 80.—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. 77

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	1928	1929	1930	1931	1932	1920	1925	1930	1931	1932
All causes under 1 year of age	85.8	71.7	68.7	67.6	64.6	61.8	57.6	86.1	72.8	63.1	60.9	56.8
Measles	1.0	.3	.6	.3	.4	.4	.2	1.0	.4	.3	.4	.3
Scarlet fever	.1	.1	.1	.1	.1	.1	(1)	.1	.1	.1	(1)	(1)
Whooping cough	3.0	1.8	1.6	1.9	1.5	1.2	1.5	3.0	1.6	1.4	1.2	1.5
Diphtheria [2]	.5	.3	.3	.2	.2	.2	.2	.5	.3	.2	.1	.2
Influenza and pneumonia (lobar and unspecified)	5.9	4.4	5.6	5.9	3.8	4.2	4.0	5.7	4.4	3.6	4.1	3.7
Dysentery	.4	.3	.3	.3	.4	.3	.2	.3	.3	.3	.2	.2
Erysipelas	.4	.3	.3	.4	.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	.5	.4	.5	.5	.5	1.0	.7	.5	.5	.4
Syphilis	.9	.7	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7
Convulsions	1.0	.7	.5	.4	.4	.3	.3	1.0	.7	.4	.3	.3
Bronchitis and broncho-	9.6	7.7	7.3	7.0	6.8	6.8	6.0	10.1	8.0	7.2	7.2	6.5
	1.2	.6	.5	.4	.3	.3	.2	1.1	.6	.3	.2	.2
	14.9	11.2	7.7	7.1	7.8	6.6	5.2	15.2	11.2	7.5	6.3	4.9
	6.2	6.2	5.4	5.5	5.3	5.4	5.3	6.4	6.3	5.9	6.1	6.0
in-												
fancy	7.7	5.9	5.0	4.7	4.7	4.5	4.2	7.7	6.1	4.8	4.5	4.2
Premature birth	19.4	17.2	17.6	17.5	16.7	16.0	15.8	19.1	17.6	16.8	16.3	16.1
Injury at birth	3.7	4.9	4.7	4.8	4.8	4.8	4.6	3.9	4.9	5.3	5.3	5.1
External causes	1.0	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.0	.9	.9	.9
Unknown or ill-defined diseases	2.5	2.2	3.7	3.8	4.0	3.7	3.6	2.5	2.0	2.0	1.8	1.4
All other causes	5.4	5.2	5.0	5.0	4.5	4.3	3.8	5.3	5.4	4.6	4.5	4.0

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

Source of Tables 79 and 80: Bureau of the Census, Department of Commerce.

No. 81.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE: RATES PER 1,000 BIRTHS ACCORDING TO AGE SUBDIVISIONS, FOR THE ENTIRE BIRTH REGISTRATION AREA AND FOR THE REGISTRATION AREA OF 1917

NOTE.—See general note, p. 77

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	1928	1929	1930	1931	1932	1920	1925	1930	1931	1932
Total under 1 year	85.8	71.7	68.7	67.6	64.6	61.6	57.6	86.1	72.8	63.1	60.9	56.8
Under 1 day	14.8	15.0	15.3	15.3	15.0	15.0	15.0	14.8	15.0	14.9	15.0	15.0
1 day	4.6	4.2	4.4	4.4	4.2	4.0	3.8	4.6	4.3	4.2	4.1	3.9
2 days	3.4	3.2	3.1	3.0	2.9	2.7	2.6	3.4	3.2	2.9	2.8	2.7
3 to 6 days	6.4	5.8	5.4	5.3	5.1	4.7	4.7	6.4	5.9	5.0	4.7	4.6
1 week	5.4	4.4	4.1	3.9	3.9	3.6	3.4	5.4	4.5	3.8	3.6	3.2
2 weeks	3.8	2.9	2.6	2.6	2.5	2.4	2.2	3.8	3.0	2.5	2.4	2.2
3 weeks	3.1	2.3	2.3	2.3	2.1	2.0	1.8	3.1	2.4	2.1	2.0	1.9
Under 1 month	41.5	37.8	37.2	36.9	35.7	34.6	33.5	41.5	38.3	35.4	34.6	33.5
1 month	7.3	5.8	5.5	5.6	5.3	5.0	4.7	7.2	5.9	5.1	4.9	4.5
2 months	5.7	4.6	4.4	4.3	4.2	4.0	3.6	5.7	4.7	4.1	3.9	3.4
3 to 5 months	13.1	10.3	9.3	9.2	8.8	8.0	7.2	13.2	10.5	8.4	7.7	7.0
6 to 8 months	10.0	7.4	6.9	6.5	6.2	5.7	4.9	10.1	7.5	5.9	5.6	4.8
9 to 11 months	8.3	5.8	5.4	5.1	4.6	4.3	3.8	8.5	5.9	4.3	4.2	3.7

Source: Bureau of the Census, Department of Commerce.

No. 82.—HOMICIDES AND SUICIDES: NUMBER AND RATE IN CITIES HAVING 100,000 POPULATION OR MORE IN 1900

Year	Estimated population July 1	Homicides		Suicides	
		Number	Rate per 100,000 population	Number	Rate per 100,000 population
1900	14,133,877	481	3.4	2,099	14.9
1904	15,670,701	723	4.6	2,998	19.1
1905	16,104,214	983	6.1	3,126	19.4
1906	16,594,107	1,189	7.2	2,984	18.0
1907	17,072,832	1,455	8.5	3,319	19.4
1908	17,541,214	1,401	8.0	3,957	22.6
1909	18,018,210	1,252	6.9	3,772	20.9
1910	18,522,956	1,479	8.0	3,743	20.2
1911	18,958,147	1,505	7.9	3,880	20.5
1912	19,413,308	1,504	7.7	3,868	19.9
1913	19,847,428	1,702	8.6	3,957	19.9
1914	20,273,425	1,715	8.5	4,351	21.5
1915	20,729,640	1,698	8.2	4,455	21.5
1916 [1]	21,021,720	1,736	8.5	3,892	18.5
1917	21,616,460	2,061	9.5	3,816	17.7
1918	22,038,899	1,865	8.5	3,351	15.2
1919	22,563,206	2,006	8.9	3,229	14.3
1920	23,009,576	1,930	8.4	2,910	12.6
1921	23,462,846	2,168	9.2	3,731	15.9
1922	23,935,903	2,211	9.2	3,626	15.1
1923	24,410,880	2,435	10.0	3,692	15.1
1924	24,866,783	2,682	10.8	3,855	15.5
1925	25,339,416	2,808	11.1	4,000	15.8
1926	25,830,606	2,715	10.5	4,264	16.5
1927	26,337,938	2,771	10.5	4,492	17.1
1928	26,815,069	2,748	10.2	4,799	17.9
1929	27,282,708	2,674	9.8	4,996	18.3
1930	27,789,074	2,866	10.3	5,587	20.1
1931	28,259,474	2,924	10.3	5,668	20.1
1932	28,250,974	2,868	10.2	6,059	21.4

[1] Excludes Memphis, Tenn.

Source: Bureau of the Census, Department of Commerce.

No. 83.—BIRTH AND DEATH REGISTRATION: States Included in Registration Area with Year When Each Was Added

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

[illegible] 1,000 or more in 1900; remainder added in 1916.
[illegible] omitted in 1928.
[illegible] from area in 1925; readmitted in 1928.

NOTE.—The Territory of Hawaii was added to the death registration area in 1917 and to the birth registration area in 1921; Alaska was added to both the death and the birth registration areas in 1924; and Puerto Rico in 1932.

No. 84.—MARRIAGES, DIVORCES, AND ANNULMENTS: Number and Ratio of Divorces to Marriages, Continental United States

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	Per cent	Number	Per cent		
1890	542,537	33,461	11,625	34.7	21,836	65.3	62	[illegible]
1893	578,673	37,468	12,590	33.6	24,878	66.4	65	[illegible]
1894	560,161	37,508	12,551	33.4	25,017	66.6	66	[illegible]
1895	598,855	40,387	13,456	33.3	26,931	66.7	67	[illegible]
1896	613,873	42,937	14,448	33.6	28,489	66.4	70	[illegible]
1897	622,350	44,699	14,765	33.0	29,934	67.0	72	[illegible]
1898	625,655	47,849	15,988	33.4	31,861	66.6	76	[illegible]
1899	650,610	51,437	16,925	32.9	34,512	67.1	79	[illegible]
1900	685,284	55,751	18,620	33.4	37,131	66.6	81	[illegible]
1901	716,621	60,984	20,008	32.8	40,976	67.2	85	[illegible]
1902	746,733	61,480	20,056	32.6	41,424	67.4	82	[illegible]
1903	786,132	64,925	21,321	32.8	43,604	67.2	83	[illegible]
1904	781,145	66,199	22,189	33.5	44,010	66.5	85	[illegible]
1905	804,787	67,976	22,220	32.7	45,756	67.3	84	[illegible]
1906	853,290	72,062	23,455	32.5	48,607	67.5	84	[illegible]
1916	1,040,684	[2] 114,000	33,809	31.1	74,893	68.9	108	[illegible]
1922	1,134,151	[2] 148,815	47,359	32.0	100,416	68.0	131	[illegible]
1923	1,229,784	[2] 165,096	52,999	32.2	111,480	67.8	134	[illegible]
1924	1,184,574	[2] 170,952	52,984	31.5	115,328	68.5	144	[illegible]
1925	1,188,334	[2] 175,449	52,147	30.1	121,333	69.9	148	[illegible]
1926	1,202,574	[2] 180,853	52,834	29.5	126,563	70.5	150	3,825
1927	1,201,053	[2] 192,037	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	4,237
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 83 and 84: Bureau of the Census, Department of Commerce.

No. 85.—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	160,338	1.48	1.28	173	163	3,903
New England	55,282	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	5,091	4,886	.40	.38	45	47	1,025
New Jersey	26,468	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	29,663	6.4	4.4	13,312	11,176	1.98	1.65	311	377	58
Indiana	38,372	36,105	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	99,950	8.0	7.5	22,531	19,443	1.69	1.45	210	195	162
Minnesota	19,207	17,346	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
V[illegible]	25,295	24,626	10.4	10.1	3,130	2,613	1.29	1.07	124	106	19
[illegible]	18,173	18,480	10.4	10.5	1,599	1,201	.91	.68	88	65	35
[illegible]	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	31
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	119,139	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	4,070	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	690	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	986	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	19,234	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 [illegible] statistics for the United States, Alaska, Hawaii, and Puerto Rico, beginning 1904, [illegible]ely, were included. In prior years the transfer of population between them [illegible]s considered immigration

No. 86.—IMMIGRATION: 1821 TO 1933

N[illegible] 1903, immigrants arriving; [illegible]. Data are for fiscal years [illegible]s

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	546,889	1910	1,041,570	1932	35,576
1900–1904	3,255,149	1889	444,427	1911	878,587	1933	23,068
1905–1909	4,947,239	1890	455,302	1912	838,172		
1910–1914	5,174,701	1891	560,319	1913	1,197,892	Calendar years:	
1915–1919	1,172,679	1892	579,663	1914	1,218,480	1928	290,297
1920–1924	2,774,600	1893	439,730	1915	326,700	1929	268,941
1925–1929	1,520,910	1894	285,631	1916	298,826	1930	180,251
1873	459,803	1895	258,536	1917	295,403	1931	43,353
1874	313,339	1896	343,267	1918	110,618	1932	28,008
1875	227,498	1897	230,832	1919	141,132	1933	23,899
1876	169,986	1898	229,299	1920	430,001		
1877	141,857	1899	311,715	1921	805,228		

[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. 87.—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
[illegible]	[illegible]	810,352	3,584,952	892,984	723,824	1,616,808	1,881,616	1,968,144
[illegible]	[illegible]	951,590	2,472,500	389,746	843,861	1,233,607	1,131,164	1,238,893
1911	878,587	151,713	1,030,300	295,666	222,549	518,215	582,921	512,085
1912	838,172	178,983	1,017,155	333,262	282,030	615,292	504,910	401,863
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
Dec. 31:								
1932	28,008	130,609	158,617	97,517	174,935	272,452	−69,509	−113,835
1933	23,899	127,383	151,282	51,690	137,871	189,561	−27,791	−38,279

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

Source of Tables 86 anf 87: Immigration and Naturalization Service, Department of Labor.

No. 88.—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	29,499	2,510	1922	309,556	13,731	4,345
1905–1909, total	4,947,239	58,688	6,709	1923	522,919	20,619	3,661
1910–1914, total	5,174,701	115,655	16,010	1924	706,896	30,284	6,409
1915–1919, total	1,172,679	74,929	11,835	1925	294,314	25,390	9,495
1920–1924, total	2,774,600	90,208	21,694	1926	304,488	20,550	10,904
1925–1929, total	1,520,910	102,661	56,594	1927	335,175	19,755	11,662
1916	298,826	18,867	2,781	1928	307,255	18,839	11,625
1917	295,403	16,028	1,853	1929	279,678	18,127	12,908
1918	110,618	7,297	1,569	1930	241,700	8,233	16,631
1919	141,132	8,626	3,068	1931	97,139	9,744	18,142
1920	430,001	11,795	2,762	1932	35,576	7,064	19,426
1921	805,228	13,779	4,517	1933	23,068	5,527	19,865

No. 89.—IMMIGRANT ALIENS ADMITTED: BY OCCUPATION, AMOUNT OF MONEY BROUGHT, ETC., YEARS ENDED JUNE 30

	1910–1914, total	1920–1924, total	1925–1929, total	1930	1931	1932	1933
Reporting occupations—							
Professional	62,124	79,309	53,953	9,888	4,773	2,538	1,631
Skilled	747,794	510,236	280,107	45,572	13,549	2,831	2,375
Unskilled	2,882,435	954,418	505,119	69,758	20,630	3,056	1,872
Farmers	56,788	74,973	51,001	8,375	2,743	403	292
Farm laborers	1,257,060	111,583	101,120	13,736	3,422	254	134
Common laborers	953,421	466,575	194,587	16,447	4,503	1,118	844
Servants	604,967	288,109	149,447	29,073	9,740	1,232	550
Other unskilled	10,199	13,178	8,964	2,127	222	49	52
Commercial [1]	72,572	59,924	27,535	5,137	2,393	1,133	785
Miscellaneous	55,279	95,895	50,198	5,751	2,782	954	859
Bringing—							
Less than $50	3,222,314	954,147	549,474	67,872	25,138	7,742	5,525
$50 or more	674,931	822,386	598,087	122,177	49,981	18,330	11,972
Amount brought ($1,000)	171,406	171,467	111,743	21,877	10,771	4,560	3,277
Passage paid by—							
Self	3,460,555	1,569,335	863,541	135,776	50,039	16,557	11,452
Relative	1,657,869	1,123,827	632,616	103,099	44,013	17,383	10,843
Others	56,277	80,938	24,753	2,825	3,087	1,636	773
Going to join—							
Relative	4,169,633	2,132,479	1,140,502	199,841	78,870	28,293	19,359
Friend	706,468	277,995	146,595	25,808	10,412	2,529	1,457
No one	298,600	364,126	233,813	16,051	7,857	4,754	2,252

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

No. 90.—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	1931	1932	1933
Admissions, total	5,174,701	1,172,679	2,774,600	1,520,910	241,700	97,139	35,576	23,068
Males	3,442,917	688,881	1,577,496	836,091	117,026	40,621	13,917	9,219
Females	1,731,784	483,798	1,197,104	684,819	124,026	56,518	21,659	13,849
Males per 1,000 females	1,988	1,424	1,318	1,221	939	719	643	666
Under 16 years [1]	657,825	195,241	516,293	247,373	40,777	17,320	6,781	4,131
16 to 44 years [1]	4,229,546	853,348	2,003,466	1,135,903	177,059	67,100	22,905	15,033
45 years and over	287,330	124,090	254,841	137,634	23,864	12,719	5,890	3,904
Illiterates, number [2]	1,143,266	116,749	75,231	20,556	2,495	2,334	1,523	871
Per cent	22.1	10.0	2.7	1.4	1.0	2.4	4.3	3.8
Departures, total	1,442,892	618,223	892,984	389,746	50,661	61,882	103,285	80,081
Males	1,163,750	495,643	682,170	278,709	32,565	40,857	66,859	51,852
Females	279,142	122,580	210,814	111,037	18,096	21,025	36,436	28,229
Males per 1,000 females	4,169	4,043	3,236	2,510	1,798	1,943	1,835	1,837
Under 16 years [1]	69,018	38,883	39,280	18,493	3,479	5,241	8,977	5,867
16 to 44 years [1]	1,217,753	488,282	635,980	285,680	34,199	41,640	70,521	54,202
45 years and over	156,121	91,058	217,724	85,573	12,983	15,001	23,797	20,012

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

Source of Tables 88, 89, and 90: Immigration and Naturalization Service, Department of Labor.

No. 91.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS

NOTE.—Residence for a year or more is regarded as permanent residence. Excess of departures

Country	Fiscal years ended June 30—								
	1910–1914, total			1920–1924, total			1925–1929, total		
	Admitted	Departed	Excess	Admitted	Departed	Excess	Admitted	Departed	Excess
All countries, total.	5,174,701	1,442,892	3,731,809	2,774,600	892,984	1,881,616	1,520,910	389,746	1,131,164
Europe, total	4,524,169	1,176,037	3,348,132	1,787,303	758,619	1,028,684	789,407	294,972	494,436
[illegible]				[1] 250	[1] 284	[1] —34	1,072	1,062	10
[illegible]				25,842	4,716	21,126	5,550	2,447	3,103
[illegible]				25,262	32,110	*—6,848*	4,237	4,268	*—31*
[illegible]				17,936	5,668	12,268	3,575	2,455	1,120
[illegible]				1,914	7,559	*—5,645*	910	614	296
Czechoslovakia				84,245	38,087	46,158	16,937	11,059	5,878
Denmark	33,470	2,804	30,666	21,910	4,110	17,800	12,496	2,815	9,681
Estonia				[1] 765	[1] 11	[1] 754	670	81	598
Finland				14,624	5,794	8,830	2,298	2,570	*—272*
France	43,004	17,003	26,001	33,484	12,816	20,668	21,358	7,677	13,681
Germany	161,195	27,938	133,257	149,103	15,401	133,702	237,531	25,277	212,254
Greece	*132,212*	*70,708*	*61,504*	*52,144*	51,481	663	8,630	19,065	*—10,435*
Irish Free State [2]							120,188	5,388	114,800
Italy	1,104,833	405,723	699,110	460,644	236,985	223,659	67,489	94,525	*—27,036*
Latvia				[1] 1,473	[1] 67	[1] 1,406	1,556	202	1,354
Lithuania				[1] 2,359	[1] 335	[1] 2,034	3,034	1,809	1,225
Netherlands	35,734	2,777	32,957	20,603	3,553	17,050	8,794	2,558	6,236
Norway	57,070	9,245	47,834	40,891	8,756	32,135	29,436	8,287	21,149
Poland				183,881	102,376	81,505	39,435	14,596	24,839
Portugal	51,902	8,477	43,425	41,770	21,749	20,021	3,059	12,150	*—9,091*
Rumania	*12,851*	*2,331*	*10,520*	61,083	36,863	24,220	6,727	5,805	922
Russia	1,054,608	153,470	901,138	54,692	26,575	28,117	6,912	1,699	5,213
Spain	28,631	8,723	19,908	45,077	20,124	24,953	2,032	11,767	*—9,735*
Sweden	89,215	9,340	79,875	57,883	9,934	47,949	42,119	5,645	36,474
Switzerland	18,811	2,817	15,994	21,480	3,825	17,655	10,292	2,853	7,439
Turkey in Europe	69,651	19,939	49,712	15,208	2,671	12,537	1,162	203	959
United Kingdom [3]	445,940	53,555	392,386	301,471	48,307	253,164	122,747	37,613	85,134
England	218,767	*29,939*	188,828	122,575	32,238	90,337	49,832	28,093	21,139
Ireland	137,410	13,346	124,064	81,456	10,472	70,984	5,093	811	4,282
Scotland	78,391	9,465	68,926	90,809	5,122	85,687	61,627	7,880	53,747
Wales	*11,372*	*805*	*10,567*	6,631	476	6,156	6,195	229	5,966
[illegible]				43,487	55,296	*—11,809*	5,728	10,182	*—4,454*
[illegible]				7,812	3,166	4,646	3,424	300	3,124
Asia, total	132,041	32,749	99,292	92,572	49,678	42,894	17,798	27,478	*—9,680*
China	9,800	12,157	*—2,357*	22,723	22,477	246	7,925	18,570	*—10,645*
Japan	30,564	10,692	19,872	38,636	18,016	20,620	3,421	*5,655*	*—2,234*
India	2,795	747	2,048	1,611	1,044	567	465	674	*—209*
Syria, Palestine, and Iraq.				[1] 2,946	[1] 492	[1] 2,454	4,530	1,725	2,805
Turkey in Asia	88,900	8,560	75,340	23,769	6,980	16,789	235	440	*—205*
Other Asia	4,982	*593*	4,389	2,887	669	2,218	1,222	414	808
America, total	508,682	229,928	276,754	883,989	81,042	802,947	708,219	64,293	643,926
Canada and Newfoundland.	329,316	195,872	133,444	526,853	22,980	503,873	422,433	13,655	408,778
Central America	6,423	1,984	4,439	8,859	3,377	5,482	7,652	3,442	4,210
Mexico	88,358	4,146	84,212	255,774	23,182	232,592	243,171	20,261	222,910
South America	18,306	*6,318*	11,988	25,802	7,331	18,471	17,223	7,419	9,804
West Indies	64,023	21,427	42,596	65,771	24,068	41,703	17,711	19,515	*—1,804*
Other America	256	181	75	930	104	826	29	1	28
Africa	5,985	1,161	4,824	3,917	672	3,245	2,445	701	1,744
Australia, Tasmania, New Zealand	5,341	2,854	2,487	6,458	2,804	3,654	2,881	2,188	693
Pacific Islands, not specified.	483	163	20	361	169	192	160	114	46

[1] Figures for 1924 and [illegible] prior years included with countries to which they formerly belonged.
[2] [illegible] prior to 1925.

DEPARTED: BY COUNTRY OF LAST OR FUTURE PERMANENT RESIDENCE

Indicated by minus sign (—). For totals for period 1915–1919, see Statistical Abstract, 1929, p. 96

Fiscal year ended June 30—								Calendar year		Country
1930		1931		1932		1933		1933		
Admitted	Departed	Admitted	Departed	Admitted	Departed	Admitted	Departed	Admitted	Departed	
241,700	50,661	97,139	61,882	35,576	103,295	23,068	80,081	23,899	51,690	**All countries, total.**
147,438	29,538	61,909	33,135	20,579	52,101	12,383	47,691	13,056	31,079	**Europe, total.**
341	33	222	23	245	122	129	105	114	64	Albania.
1,744	301	738	270	301	452	228	348	212	213	Austria.
1,265	550	887	512	446	783	285	469	256	335	Hungary.
909	489	551	625	229	676	133	554	113	427	Belgium.
211	84	200	96	65	157	23	153	34	110	Bulgaria.
4,438	1,166	2,016	1,331	494	1,862	294	1,122	416	667	Czechoslovakia.
1,161	305	555	513	262	582	166	333	115	256	Denmark.
132	27	104	49	32	74	18	58	34	51	Estonia.
525	274	327	547	100	764	108	579	142	391	Finland.
3,713	1,978	1,830	1,978	854	2,572	571	1,702	581	1,333	France.
26,569	4,639	10,401	3,369	2,670	5,533	1,919	5,131	2,568	4,068	Germany.
2,291	733	1,763	753	877	1,406	532	1,277	531	787	Greece.
17,971	1,242	6,121	1,556	441	2,457	266	2,304	305	1,766	Irish Free State.
22,327	2,654	13,399	2,410	6,662	4,866	3,477	6,270	3,586	4,309	Italy.
370	33	227	115	69	61	50	41	45	35	Latvia.
612	169	403	349	191	411	118	330	117	145	Lithuania.
2,738	476	1,143	612	231	780	174	628	138	400	Netherlands.
2,649	1,085	1,280	1,437	348	1,686	202	1,602	199	1,176	Norway.
9,231	1,979	3,604	2,119	1,296	2,408	1,332	1,675	1,066	848	Poland.
637	255	542	204	248	1,003	90	2,166	108	571	Portugal.
1,726	508	933	504	465	708	247	530	193	394	Rumania.
1,133	256	335	433	244	1,524	164	515	236	312	Russia.
670	1,231	476	1,667	445	2,998	198	2,815	221	1,493	Spain.
3,109	1,113	1,298	1,583	328	2,930	142	1,822	173	1,075	Sweden.
1,689	465	864	411	235	778	163	537	157	409	Switzerland.
222	5	59	-------	62	5	82	7	68	1	Turk. in Europe.
36,489	6,070	10,294	8,215	2,155	12,321	1,051	12,792	1,108	8,554	U. Kingdom.[3]
12,884	4,055	4,825	4,588	1,374	7,019	712	7,100	684	4,869	England.
5,474	321	1,184	552	98	621	72	649	99	476	Ireland.
16,092	1,589	3,895	2,880	633	4,370	228	4,739	299	2,967	Scotland.
1,439	105	390	215	50	311	39	304	26	242	Wales.
1,737	1,302	859	1,317	508	1,814	174	1,048	144	694	Yugoslavia.
829	116	478	137	76	308	47	278	76	195	Other Europe.
4,535	4,792	3,345	4,405	1,931	4,918	552	5,550	534	4,087	**Asia, total.**
1,589	3,471	1,150	3,375	750	3,384	148	3,551	141	2,575	China.
837	1,035	653	699	526	813	75	1,074	75	889	Japan.
110	121	123	111	87	169	44	223	31	176	India.
1,199	81	630	110	439	255	220	314	217	255	Syria, Palestine, and Iraq.
105	19	139	20	43	55	27	82	35	55	Turkey in Asia.
695	65	650	90	86	242	38	306	35	137	Other Asia.
88,104	15,773	30,816	23,943	12,577	45,784	9,925	26,408	10,094	16,127	**America, total.**
65,254	3,229	22,183	2,895	8,003	2,181	6,187	1,827	6,742	1,704	Canada and Newfoundland.
1,618	869	1,107	854	672	856	507	776	452	672	Central America.
12,703	6,355	3,333	14,442	2,171	37,074	1,936	19,110	1,743	9,735	Mexico.
3,302	1,742	1,695	2,010	702	2,209	433	1,695	350	1,347	South America.
5,225	3,577	2,496	3,742	1,029	3,463	862	2,995	804	2,666	West Indies.
2	1	2	-------	-------	1	-------	5	3	3	Other America.
572	180	417	160	186	221	71	209	92	194	Africa.
1,026	358	616	223	291	235	122	204	103	182	Australia, Tasmania, New Zealand.
25	20	36	16	12	36	15	19	20	21	Pacific Islands, not specified.

[3] Figures include Irish Free State prior to 1925; beginning 1925 figures shown under Ireland are for Northern Ireland only.

Source: Immigration and Naturalization Service, Department of Labor.

No. 92.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS

NOTE.—Excess of departures indicated by minus sign (—). For percentage distribution of

Race or people	Fiscal years ended June 30—								
	1910–1914, total			1920–1924, total			1925–1929, total		
	Admitted	Departed	Excess	Admitted	Departed	Excess	Admitted	Departed	Excess
Total	5,174,701	1,442,892	3,731,809	2,774,600	892,984	1,881,616	1,520,910	389,746	1,131,164
African (black)	33,527	6,603	26,924	43,092	8,239	34,853	4,850	4,043	807
[illegible]	30,960	4,164	26,796	20,559	1,571	18,988	4,291	314	3,977
[illegible]	47,143	5,182	41,961	17,650	8,072	9,578	9,408	7,955	1,453
Bulgarian, Serbian, Montenegrin.	60,180	35,846	24,334	14,509	43,069	*—28,560*	2,766	7,751	*—4,985*
Chinese	9,061	11,957	*—2,896*	19,374	21,884	*—2,510*	6,149	18,049	*—11,900*
Croatian and Slovenian.	162,093	59,480	103,213	23,611	15,398	8,213	4,046	2,320	1,726
Cuban	17,038	7,964	9,074	6,490	5,278	1,212	8,506	6,002	2,504
Dalmatian, Bosnian, Herzegovinian.	22,652	4,021	18,631	2,166	3,375	*—1,209*	409	2,100	*—1,691*
Dutch and Flemish	64,882	9,097	55,785	42,936	9,820	33,116	15,299	5,421	9,878
East Indian	2,824	675	2,149	1,046	779	267	240	416	*—176*
English	267,713	48,262	219,451	297,885	47,433	250,452	198,394	42,232	156,162
Finnish	57,717	15,637	42,080	15,311	6,037	9,274	3,045	2,747	298
French	96,439	18,567	77,872	148,132	17,527	130,605	99,710	7,835	91,875
German	363,930	67,420	296,510	223,894	20,712	203,182	279,265	29,845	249,420
Greek	192,247	76,093	116,154	59,076	51,833	7,243	10,883	19,305	*—8,422*
Hebrew	495,459	33,031	462,428	286,560	2,344	284,216	56,160	1,298	54,862
Irish	183,471	19,005	164,466	149,781	12,747	137,034	198,977	7,397	191,580
Italian (north)	174,871	64,304	110,567	67,105	32,296	34,809	11,191	15,298	*—4,107*
Italian (south)	971,366	352,486	618,880	401,834	205,941	195,893	61,831	79,690	*—17,859*
Japanese	30,788	10,756	20,032	37,304	17,907	19,397	3,178	5,505	*—2,327*
Korean	276	320	*—44*	447	179	268	196	181	15
Lithuanian	100,050	17,181	82,869	6,672	11,322	*—4,650*	2,006	1,918	88
Magyar	146,045	72,833	73,212	30,034	33,460	*—3,426*	5,464	4,883	581
Mexican	82,588	3,434	79,154	249,248	22,058	227,190	238,527	19,852	218,675
Pacific Islander	88	12	76	63	16	47	19	21	*—2*
Polish	581,979	145,735	436,244	62,603	99,471	*—36,868*	18,347	14,603	3,744
Portuguese	47,742	7,472	40,270	42,591	22,241	20,350	4,053	12,396	*—8,343*
Rumanian	65,360	19,881	45,479	11,467	36,495	*—25,028*	2,160	5,443	*—3,283*
Russian	155,002	51,904	103,098	21,628	17,472	4,156	6,013	3,168	2,845
Ruthenian	134,911	21,454	113,457	5,438	1,687	3,751	2,560	245	2,315
Scandinavian (Norwegians, Danes, and Swedes).	204,287	40,812	163,475	137,719	25,205	112,514	96,891	18,190	78,701
Scotch	110,820	16,572	94,248	161,379	8,673	152,706	125,448	10,342	115,106
Slovak	132,165	58,983	73,182	56,625	33,506	23,119	6,811	3,361	3,450
Spanish	43,081	13,805	29,276	60,110	24,810	35,300	4,269	14,557	*—10,288*
Spanish-American	6,302	2,103	4,199	13,700	6,430	7,330	14,802	7,993	6,809
Syrian	35,519	5,219	30,300	12,288	5,737	6,551	2,867	1,250	1,617
Turkish	8,245	6,244	2,001	1,125	2,746	*—1,621*	666	697	*—31*
Welsh	12,109	1,444	10,665	8,423	659	7,764	7,163	422	6,741
West Indian (other than Cuban).	5,990	2,523	3,467	7,753	3,418	4,335	1,853	3,406	*—1,553*
Other peoples	17,181	[1] 104,411	*—87,230*	6,912	5,137	1,775	2,197	1,295	902

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

DEPARTED WITH EXCESS OF ADMISSIONS OR DEPARTURES: BY RACE

immigrants, see Table 94. For totals for period 1915–1919, see Statistical Abstract, 1929, p. 98

Fiscal year ended June 30—													Calendar year 1933	
1930		1931		1932		1933								
						Admitted			Departed					
Admitted	Departed	Admitted	Departed	Admitted	Departed	Total	Male	Female	Total	Male	Female		Admitted	Departed
241,700	50,661	97,139	61,882	35,576	103,295	23,068	9,219	13,849	80,081	51,852	28,229		23,899	51,690
1,806	776	884	737	183	811	84	32	52	1,058	507	551		103	701
790	57	519	40	316	45	251	53	198	47	29	18		247	36
653	574	266	792	110	676	66	28	38	264	178	86		87	184
744	846	429	927	184	954	92	31	61	582	470	112		94	394
970	3,404	748	3,333	545	3,311	44	-------	44	3,500	3,179	321		28	2,507
1,314	280	668	382	299	781	117	47	70	367	280	87		98	224
2,122	1,274	717	1,363	409	1,227	337	208	129	880	575	305		240	1,106
108	119	69	119	51	238	20	8	12	140	93	47		14	105
4,713	998	2,001	1,238	497	1,433	320	163	157	1,178	692	486		324	816
51	65	65	95	50	166	1	-------	1	199	191	8		-------	162
34,960	6,461	12,703	6,582	4,491	8,478	2,943	1,136	1,807	8,269	4,395	3,874		2,926	5,956
556	331	310	694	133	1,227	137	52	85	751	440	311		176	472
13,771	1,945	4,908	2,040	1,873	2,646	1,393	459	934	1,706	909	797		1,616	1,379
34,415	5,732	13,813	4,379	3,902	6,953	2,726	1,033	1,693	6,152	3,257	2,895		2,923	4,879
3,793	785	2,663	816	1,105	1,607	687	154	533	1,402	1,199	203		651	868
11,526	299	5,692	319	2,755	452	2,372	1,155	1,217	334	237	147		2,658	346
34,947	1,940	10,814	2,379	1,570	3,509	1,258	449	809	3,812	2,187	1,625		1,337	2,592
2,822	755	1,731	389	1,118	666	621	248	373	889	666	223		612	694
20,494	2,206	12,239	2,391	5,697	4,705	3,017	1,163	1,854	5,793	4,630	1,163		3,193	3,949
796	1,004	626	696	503	781	60	37	23	1,041	780	261		53	859
27	33	21	28	19	25	2	1	1	49	43	6		6	38
426	194	320	348	171	420	124	28	96	346	209	137		113	154
1,542	668	999	562	441	808	321	148	173	532	315	217		310	391
11,915	6,296	2,627	14,406	1,674	36,992	1,514	645	869	18,977	12,032	6,945		1,398	9,602
-------	7	6	3	-------	6	-------	-------	-------	5	5	-------		-------	6
4,924	1,924	2,008	2,101	639	2,375	516	221	295	1,627	1,076	551		412	811
780	336	626	307	265	1,105	94	42	52	2,174	1,645	529		107	634
432	429	245	470	112	668	96	49	47	464	314	150		86	355
1,634	472	967	532	448	970	278	112	166	444	274	170		309	344
473	12	158	24	90	70	70	24	46	52	39	13		73	22
8,478	2,775	3,947	3,761	1,206	5,403	669	325	344	3,958	2,456	1,502		661	2,692
28,117	2,210	7,618	3,435	1,902	4,724	1,096	387	709	5,168	2,898	2,270		1,257	3,312
3,214	758	1,474	576	336	1,438	189	88	101	1,102	815	287		280	603
1,169	1,776	734	2,214	621	3,606	343	186	157	3,204	2,692	512		354	1,706
3,237	1,741	1,848	2,023	1,043	2,097	690	310	380	1,733	1,022	711		575	1,475
637	81	344	70	284	164	203	83	120	178	100	78		219	115
175	26	75	28	60	84	45	10	35	95	80	15		57	64
2,043	180	550	257	104	389	68	28	40	381	223	158		77	290
600	737	428	852	128	836	73	28	45	742	323	419		94	587
526	155	279	174	242	449	131	48	83	436	397	39		131	260

Source: Immigration and Naturalization Service, Department of Labor.

No. 93.—IMMIGRATION, BY COUNTRY OF LAST PERMANENT RESIDENCE, 1841 TO 1930

No. [illegible] arriving; [illegible] the lists [illegible] certain countries are not comparable [illegible] the beginning of the World War were thereto[illegible]fore 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
[illegible]									[illegible]
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
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
Portugal	550	1,055	2,658	14,082	16,978	27,508	69,149	89,732	29,094
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
[illegible]				984,914	1,462,839	659,954	865,015	487,589	550,804
[illegible]				437,706	644,680	216,726	388,017	249,944	157,420
[illegible]				436,871	655,482	388,416	339,065	146,181	220,591
[illegible]				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 [4]	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	26,799	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]	62,489	74,720	186,607	404,044	426,967	38,972	361,388	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	15,769
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	33,523	1,147	228

[1] Jan. 1, 1861, to June 30, 1870. [2] Includes Serb[illegible] 1920.
[3] From 1899 to 1919 Poland is included with Austria-Hun[illegible]
[4] Includes Irish Free State. [5] Included in "[illegible]
[6] Included in "All other [illegible] "Other Asia[illegible]
[7] [illegible] Mexico not reported from 1886 to 1893, inclusive.
[8] [illegible] 1893.

Source: Immigration and Naturalization Service, Department of Labor.

No. 94.—IMMIGRANT ALIENS ADMITTED: PERCENTAGES, BY RACE OR PEOPLE, YEARS ENDED JUNE 30

Race or people	1910–1914	1920–1924	1925–1929	1932	1933	Race or people	1910–1914	1920–1924	1925–1929	1932	1933
Total	100.0	100.0	100.0	100.0	100.0	Irish	3.5	5.4	13.1	4.4	5.4
African (black)	.6	1.6	.3	.5	.4	Italian (north)	3.4	2.4	.7	3.1	2.7
Armenian	.6	.7	.3	.9	1.1	Italian (south)	18.8	14.5	4.1	16.0	13.1
Bohemian and Moravian (Czech)	.9	.6	.6	.3	.3	Japanese	.6	1.3	.2	1.4	.3
[illegible]	1.2	.5	.2	.5	.4	Korean	.1	.2	(1)	.1	(1)
Chinese	.2	.7	.4	1.5	.2	Lithuanian	1.9	.2	.1	.5	.5
Croatian and Slovenian	3.1	.9	.3	.8	.5	Magyar	2.8	1.1	.4	1.2	1.4
Cuban	.3	.2	.6	1.2	1.5	Mexican	1.6	9.0	15.7	4.7	6.6
Dalmatian, Bosnian, Herzegovinian	.4	.1	(1)	.1	.1	Polish	11.2	2.3	1.2	1.8	2.2
Dutch and Flemish	1.3	1.5	1.0	1.4	1.4	Portuguese	.9	1.5	.3	.7	.4
East Indian	.1	(1)	(1)	.1	(1)	Rumanian	1.3	.4	.1	.3	.4
English	5.2	10.7	13.0	12.6	12.7	Russian	3.0	.8	.4	1.3	1.2
Finnish	1.1	.6	.2	.4	.6	Ruthenian	2.6	.2	.2	.3	.3
French	1.9	5.3	6.6	5.3	6.0	Scandinavian [2]	3.9	5.0	6.4	3.4	2.9
German	7.0	8.1	18.4	11.0	11.8	Scotch	2.1	5.8	8.2	5.4	4.7
Greek	3.7	2.1	.7	3.1	3.0	Slovak	2.6	2.0	.4	.9	.8
Hebrew	9.6	10.3	3.7	7.7	10.3	Spanish	.8	2.2	.3	1.8	1.5
						Spanish-American	.1	.5	1.0	2.9	3.0
						Syrian	.7	.4	.2	.8	.9
						Turkish	.2	(1)	(1)	.2	.2
						Welsh	.2	.3	.5	.3	.3
						West Indian (other than Cuban)	.1	.3	.1	.4	.3
						Other peoples	.3	.2	.1	.7	.6

[1] Less than one-tenth of 1 per cent.

[2] Norwegians, Danes, and Swedes.

No. 95.—QUOTA AND NONQUOTA IMMIGRANTS ADMITTED: BY COUNTRY OR REGION OF BIRTH, YEAR ENDED JUNE 30, 1933

NOTE.—See headnote Table 96

Country	Quota immigrants	Nonquota immigrants			Country	Quota immigrants	Nonquota immigrants		
		From nonquota countries [1]	Returning residents	Other exempt classes			From nonquota countries [1]	Returning residents	Other exempt classes
All countries	8,220	7,549	62,610	8,051	Europe—Contd. United Kingdom—Con.				
Europe, total	7,634	66	53,172	7,133	Scotland	266	3	4,429	133
Albania	75		115	62	Wales	44		374	17
Austria	121	1	415	100	Yugoslavia	105		449	109
Belgium	59		334	56	Other Europe	94		233	53
Bulgaria	11		26	18					
Czechoslovakia	171	1	1,107	225	America, total	67	7,479	4,923	145
Denmark	123		678	62	Canada and Newfoundland		4,651	1,437	45
Finland	72		647	62	Mexico		1,608	656	3
France	257	3	2,296	131	West Indies	52	427	2,256	76
Germany	1,324	5	12,306	657	Central and South America	15	792	567	21
Greece	108		520	347	Other America		1	7	
Hungary	187		358	137					
Irish Free State	282		7,706	118	Asia, total	392	1	4,227	675
Italy	1,109	15	5,051	2,433	China	19	1	1,177	189
Lithuania	96		264	101	India	21		61	55
Netherlands	128		579	57	Japan	6		2,700	122
Norway	141		1,558	96	Palestine	12		51	14
Poland	961	2	1,550	896	Syria	90		90	101
Portugal [2]	69	1	711	16	Turkey in Asia	187		90	172
Rumania	236		278	184	Other Asia	57		58	22
Russia	309	1	506	242					
Spain	164	5	1,161	179	Africa	35		86	41
Sweden	105		2,211	74	Australia and New Zealand	87	3	181	50
Switzerland	122		739	58	Other countries	5		21	7
Turkey in Europe	34		32	45					
United Kingdom:									
England	772	27	5,364	419					
N. Ireland	89	2	1,175	46					

[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 94 and 95: Immigration and Naturalization Service, Department of Labor.

No. 96.—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 [illegible] subject to the quota law, [illegible] n persons of s[illegible] in continental United Sta[illegible] the populatio[illegible], to 2 per cent according to [illegible] clause of the latter act, which became effective [illegible] should be computed by applying to [illegible] the ratio between the calculated number of inhabitants in continental United States in 1920 owning 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		Under immigration act of 1924						
	Annual quota [1]	Admitted, 1922–1924, total [2]	Annual quota, 1925–1929	Admitted, 1925–1929, total	Annual quota 1930 to 1933 [3]	Admitted			
						1930	1931	1932	1933
All countries	357,803	937,075	164,667	781,622	153,831	141,497	54,118	12,983	8,220
Europe	356,061	929,670	161,422	749,911	150,508	137,016	51,153	12,022	7,634
Albania	288	856	100	472	100	110	81	102	75
Austria	7,342	19,497	785	4,213	1,413	1,417	524	187	121
Belgium	1,563	4,707	512	2,652	1,304	1,118	524	117	59
Bulgaria	302	898	100	509	100	95	52	11	11
Czechoslovakia	14,357	42,962	3,073	14,668	2,874	2,898	1,448	304	171
Danzig, Free City of	301	649	228	1,065	100	112	52	6	10
Denmark	5,619	14,129	2,789	13,114	1,181	1,144	516	209	123
Estonia	1,348	1,465	124	612	116	112	71	15	17
Finland	3,921	10,880	471	2,363	569	559	300	69	72
France	5,729	15,106	3,954	17,730	3,086	2,812	1,226	288	257
Germany	67,607	135,918	51,227	242,363	25,957	27,119	10,100	2,086	1,324
Greece	3,063	9,804	100	737	307	362	308	141	108
Hungary	5,747	17,420	473	2,445	869	864	624	329	187
Irish Free State [4]			28,567	132,715	17,853	19,692	6,780	452	282
Italy	42,057	126,263	3,845	18,383	5,802	5,610	4,245	2,012	1,109
Latvia	1,540	3,053	142	754	236	202	138	43	29
Lithuania	2,629	5,089	344	1,828	386	398	305	181	96
Luxemburg	92	277	100	496	100	96	41	7	4
Netherlands	3,607	9,622	1,648	7,708	3,153	2,788	1,142	185	128
Norway	12,202	30,345	6,453	30,335	2,377	2,546	1,156	260	141
Poland	30,977	85,836	5,982	29,000	6,524	6,456	2,841	917	961
Portugal	2,465	7,416	503	2,449	440	433	433	201	69
Rumania	7,419	22,267	603	3,783	295	670	497	318	236
Russia	24,405	77,718	2,248	10,018	2,701	2,231	1,537	528	309
Spain	912	2,712	131	805	252	332	263	191	164
Sweden	20,042	48,675	9,561	44,849	3,314	3,204	1,247	290	105
[illegible]	3,752	11,227	2,081	9,683	1,707	1,605	797	132	122
[illegible]	2,654	6,138	100	431	226	65	20	33	34
[illegible]	77,342	197,354	34,007	148,660	65,721	50,275	12,934	2,099	1,171
[illegible]	6,426	19,496	671	3,081	845	782	523	252	105
[illegible]	353	891	[5] 500	[6] 1,991	[5] 600	[6] 909	[6] 428	[6] 57	[6] 34
Asia	1,261	5,881	[5] 1,424	[6] 4,927	[5] 1,523	[6] 2,150	[6] 1,344	[6] 530	[6] 392
Africa	122	439	[5] 1,200	[6] 1,667	[5] 1,200	[6] 330	[6] 231	[6] 99	[6] 35
Australia, New Zealand, and Pacific islands	359	1,085	[5] 621	[6] 1,470	[5] 600	[6] 284	[6] 246	[6] 182	[6] 92
Western Hemisphere			(5)	[6] 3,647	(5)	[6] 1,717	[6] 1,144	[6] 150	[6] 67

[1] Quota for 1924; revisions from 1922 or 1923 allotments for certain countries were made due to changes in boundaries or other adjustments.

[2] Admissions from certain countries in excess of quota occurred in 1922 in cases involving unusual hardship.

[3] The total quota for 1930 and 1931 was 153,714. In 1932, there was a decrease in Russia's quota from 2,784 to 2,701 and [illegible] Bessarabia and Hejaz and Nejd.

[4] Ai[illegible] rior to 1925; thereafter, [illegible]

[5] Al[illegible] r protectorates in "Ot[illegible]rica, Pacific Islanc[illegible] quotas of the European countries to which they belong.

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

Source: Immigration and Naturalization Service, Department of Labor.

No. 97.—ALIENS DEPORTED FROM THE UNITED STATES: YEARS ENDED JUNE 30

NOTE.—In addition to the 19,865 aliens formally deported in 1933, 10,347 aliens subject to deportation were permitted to leave the country, either without the institution of deportation proceedings or before their conclusion, and 1,645 indigent aliens were returned to their native land at their own request

	1931	1932	1933
Total	18,142	19,426	19,865
Destined to Europe	6,162	6,530	5,904
Austria	46	55	34
Belgium	80	80	76
Czechoslovakia	351	304	217
Denmark	172	135	91
Finland	174	161	130
France	75	70	47
Germany	736	596	545
Great Britain	898	863	811
Greece	203	364	400
Hungary	113	87	68
Ireland	245	236	247
Italy	645	996	1,043
Netherlands	150	115	111
Norway	289	188	220
Poland	352	389	306
Portugal	167	277	279
Rumania	354	268	185
Spain	283	508	434
Sweden	151	138	115
Yugoslavia	451	477	315
Other Europe	221	223	227
Destined to:			
Canada and Newfoundland	2,305	2,367	2,239
Mexico	8,409	7,116	7,750
West Indies	209	236	283
Destined to—Contd.			
Other America	266	302	287
China	402	2,379	2,642
Japan	123	100	284
Other countries	266	336	476
Race or people:			
African (black)	213	271	285
Chinese	398	2,380	2,573
Dutch and Flemish	243	202	205
English	1,195	1,243	1,078
French	585	587	554
German	1,156	935	806
Irish	635	671	699
Italian	724	1,055	1,145
Japanese	126	161	280
Mexican	8,335	7,049	7,772
Polish	390	437	326
Scandinavian	720	513	474
Scotch	535	513	549
Spanish	394	599	502
All others	2,493	2,810	2,617
Causes for deportation:			
Public charges from causes existing prior to entry	578	492	534
Mentally, or physically defective at time of entry	374	615	522
Criminal and immoral classes	2,719	2,804	2,796
Miscellaneous causes	14,471	15,515	16,013

No. 98.—ALIENS REGISTERED UNDER THE ACT OF MARCH 2, 1929

NOTE. Under the terms of an act of Congress approved March 2, 1929, any alien who has resided in the United States continuously since the first day of July, 1921, may apply for registry and the issuance of a certificate of permanent residence. Such registry may be granted by the Secretary of Labor when the first day of July, 1921, may apply for registry and the issuance of a certificate of permanent residence. Such registry may be granted by the Secretary of Labor when the alien establishes to the satisfaction of the Secretary of Labor: (1) That he entered the United States prior to July 1, 1921; (2) that he is not ineligible to citizenship; (3) that he is not subject to deportation under the immigration laws in effect at the time of his entry; (4) that he has had a residence 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	1931	1932	1933
Total	8,098	16,242	14,144	6,229
Born in:				
Germany	505	1,003	531	270
Great Britain	501	861	680	233
Greece	517	683	423	213
Ireland	223	464	443	147
Italy	510	1,263	1,020	538
Poland	692	2,101	1,956	785
Scandinavia	528	983	595	243
Other Europe	2,117	4,058	3,157	1,420
Canada	1,059	2,342	3,237	1,032
Mexico	1,144	1,701	1,391	857
Other countries	302	783	711	441
Entered the United States at:				
New York, N.Y.	2,980	6,741	5,838	2,712
Other Atlantic ports	1,059	2,006	1,498	986
Pacific and Gulf ports	477	825	587	
Canadian land border	2,412	4,883	4,784	1,659
Mexican land border	1,170	1,787	1,437	872
Entered:				
By boat	5,427	11,177	9,191	4,213
By railway	1,767	3,582	3,786	1,391
By automobile	126	170	134	55
By wagon etc.	192	197	141	110
Afoot	586	1,116	892	460
Prior to 1891	313	739	806	47
1891 to 1900	381	1,246	1,396	85
1901 to 1910	1,491	4,096	4,832	1,773
1911 to 1920	5,282	9,122	6,567	3,972
Jan. 1 to June 2, 1921	631	1,039	543	352
Race or people:				
English	735	1,292	1,532	551
German	614	1,397	932	418
Greek	579	804	488	257
Hebrew	705	1,672	1,337	512
Irish	406	884	998	313
Italian	487	1,160	960	529
Mexican	1,131	1,672	1,360	838
Scandinavian	564	1,050	644	267
All other	2,877	6,311	5,893	2,544
Sex:				
Male	6,794	13,743	11,270	5,065
Female	1,304	2,499	2,874	1,164

Source of Tables 97 and 98: Immigration and Naturalization Service, Department of Labor.

No. 99.—ARRIVALS AND DEPARTURES OF ALIENS AND CITIZENS

Class	1920–1924, average	1925–1929, average	1930	1931	1932	1933
Aliens and citizens:						
Arrivals	963,630	888,385	923,474	720,576	514,133	455,729
Departures	588,089	632,323	734,448	737,302	668,494	582,347
Excess of arrivals (+) or departures (−)	+375,541	+256,062	+189,026	−16,726	−154,361	−126,618
Aliens, total:						
Arrivals	716,990	494,300	446,214	280,679	174,871	150,728
Departures	323,362	246,721	272,425	290,916	287,657	243,802
Excess of arrivals (+) or departures (−)	+393,628	+247,779	+173,789	−10,237	−112,786	−93,074
Aliens, immigrant or emigrant:						
Arrivals	554,920	304,182	241,700	97,139	35,576	23,068
Departures	178,597	77,949	50,661	61,882	103,295	80,081
Excess of arrivals (+) or departures (−)	+376,323	+226,233	+191,039	+35,257	−67,719	−57,013
Aliens, *nonimmigrant* or nonemigrant:						
Arrivals	162,070	190,318	204,514	183,540	139,295	127,660
Departures	144,765	168,772	221,764	229,034	184,362	163,721
Excess of arrivals (+) or departures (−)	+17,305	+21,546	−17,250	−45,494	−45,067	−36,061
Citizens:						
Arrivals	246,640	393,885	477,260	439,897	339,262	305,001
Departures	264,727	385,602	462,023	446,386	380,837	338,545
Excess of arrivals (+) or departures (−)	−18,087	+8,283	+15,237	−6,489	−41,575	−33,544
Citizens permanently departed:						
Naturalized	7,097	3,675	1,597	1,417	1,310	1,051
Native-born	49,117	20,579	19,142	18,576	32,668	20,238

No. 100.—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	1931	1932	1933
United States, total	1,488,422	454,192	963,630	888,385	923,474	720,576	514,133	455,729
United States citizens	273,262	131,643	246,640	393,885	477,260	439,897	339,262	305,001
Immigrants	[illegible]	234,536	554,920	304,182	241,700	97,139	35,576	23,068
Nonimmigrant aliens	[illegible]	88,013	162,070	190,318	204,514	183,540	139,295	127,660
New York	1,048,710	193,356	571,942	551,927	616,265	506,098	362,192	328,990
United States citizens	173,578	55,192	161,265	272,872	326,014	317,726	246,946	226,771
Immigrants	759,791	100,970	321,403	153,683	147,982	63,392	21,500	12,944
Nonimmigrant aliens	115,341	37,194	89,274	125,372	141,369	124,980	93,746	89,275
Boston	73,898	13,034	30,329	19,445	44,938	15,863	11,799	12,129
United States citizens	11,498	2,723	4,486	8,223	31,132	8,640	7,711	7,820
Immigrants	52,474	8,801	24,168	7,162	9,483	3,053	660	422
Nonimmigrant aliens	9,925	1,510	1,675	4,060	4,323	4,170	3,428	3,887
Philadelphia	54,823	2,385	10,627	815	1,716	2,118	1,099	562
United States citizens	3,506	462	1,356	413	1,383	1,809	879	325
Immigrants	48,547	1,667	8,597	150	72	71	21	12
Nonimmigrant aliens	2,770	256	675	252	261	236	199	165
Baltimore	31,283	914	511	198	335	340	1,347	1,642
United States citizens	1,126	76	132	110	205	249	1,138	1,453
Immigrants	29,395	780	317	50	73	39	58	37
Nonimmigrant aliens	762	58	62	38	57	52	151	152
New Orleans	11,674	11,199	11,052	13,050	13,057	11,328	8,755	7,406
United States citizens	7,337	6,808	6,474	9,246	9,626	8,632	6,991	5,993
Immigrants	1,791	1,931	1,407	847	765	549	401	252
Nonimmigrant aliens	2,546	2,460	3,171	2,957	2,666	2,145	1,363	1,151
San Francisco	14,053	19,587	24,738	16,245	17,974	15,677	12,208	10,073
United States citizens	5,389	5,460	6,976	5,791	7,812	7,921	7,271	5,933
Immigrants	4,776	8,442	7,659	2,297	3,344	2,156	1,160	395
Nonimmigrant aliens	3,887	5,665	10,103	7,157	6,818	5,600	3,777	3,745
Seattle	4,627	6,911	8,733	5,583	5,580	4,711	4,205	3,121
United States citizens	794	614	1,739	2,332	2,580	2,335	2,233	1,703
Immigrants	2,208	3,938	4,046	959	716	544	342	29
Nonimmigrant aliens	1,625	2,359	2,948	2,292	2,284	1,832	1,630	1,389

Source of Tables 99 and 100: Immigration and Naturalization Service, Department of Labor.

No. 101.—ALIENS ADMITTED TO CITIZENSHIP: By States and Insular Areas and by Sex, Years Ended June 30

	1930	1931	1932	1933
Cont'l U.S.	169, 035	143, 177	136, 111	113, 005
New England	19, 986	18, 573	21, 185	15, 871
Maine	831	353	450	407
New Hampshire	509	387	479	358
Vermont	331	192	277	319
Massachusetts	12, 283	12, 356	14, 727	10, 306
Rhode Island	1, 612	1, 620	1, 590	1, 037
Connecticut	4, 420	3, 665	3, 662	3, 444
Middle Atlantic	85, 518	66, 317	61, 155	58, 915
New York	59, 552	46, 061	41, 834	44, 650
New Jersey	12, 708	9, 290	10, 298	7, 572
Pennsylvania	13, 258	10, 966	9, 023	6, 693
East North Central	38, 763	35, 010	31, 978	21, 597
Ohio	7, 671	5, 811	4, 585	3, 469
Indiana	1, 391	1, 328	1, 080	752
Illinois	16, 422	13, 850	12, 252	7, 880
Michigan	10, 203	11, 437	11, 857	7, 482
Wisconsin	3, 076	2, 584	2, 204	2, 014
West North Central	7, 129	5, 901	5, 227	3, 709
Minnesota	2, 720	2, 241	1, 996	1, 417
Iowa	1, 057	940	759	523
Missouri	1, 578	1, 139	1, 108	892
North Dakota	477	319	309	208
South Dakota	308	287	279	124
Nebraska	744	689	560	343
Kansas	245	286	216	202
South Atlantic	2, 842	2, 484	1, 962	1, 416
Delaware	121	144	120	85
Maryland	728	761	556	385
District of Columbia	423	366	309	269
[illegible]	198	153	114	86
[illegible]	639	461	347	182
[illegible]	76	92	29	20
[illegible]	49	46	39	24
[illegible]	146	83	87	67
Florida	462	378	301	298
East South Central	396	406	355	195
Kentucky	172	147	120	65
Tennessee	123	120	87	59
East South Central—Continued				
Alabama	68	85	104	51
Mississippi	33	54	44	23
West South Central	982	1, 057	812	815
Arkansas	51	29	37	28
Louisiana	240	220	171	198
Oklahoma	134	135	118	88
Texas	557	673	486	501
Mountain	1, 692	1, 461	1, 606	1, 177
[illegible]	363	379	371	289
[illegible]	132	112	114	91
[illegible]	182	147	177	117
[illegible]	464	360	425	225
[illegible]	78	60	69	47
Arizona	109	136	174	147
Utah	206	168	173	147
Nevada	98	99	103	114
Pacific	11, 727	11, 968	11, 831	9, 307
Washington	1, 968	2, 062	1, 899	1, 597
Oregon	675	661	563	446
California	9, 084	9, 245	9, 369	7, 264
Insular areas	342	318	489	358
Alaska	223	166	161	95
Hawaii	74	98	220	201
Puerto Rico	45	54	98	59
Virgin Islands			10	3
Entire United States	169, 377	143, 495	136, 600	113, 363
[illegible]				
Male	120, 606	106, 715	95, 901	78, 293
Female	48, 771	36, 780	40, 699	35, 070
Cont'l United States:				
Male	120, 321	106, 477	95, 609	78, 124
Female	48, 714	36, 700	40, 502	34, 881
Insular areas:				
Male	285	238	292	169
Female	57	80	197	189

No. 102.—ALIENS ADMITTED TO CITIZENSHIP IN CONTINENTAL UNITED STATES: By Nationality, Years Ended June 30

Nationality	1930	1931	1932	1933
All countries	169, 035	143, 177	136, 111	113, 005
Europe	151, 991	127, 940	118, 787	98, 554
Albania	359	294	217	158
Austria	3, 217	2, 476	1, 970	1, 764
Belgium	747	637	564	421
Bulgaria	213	214	200	121
Czechoslovakia	6, 942	4, 832	4, 032	3, 148
Denmark	1, 652	1, 482	1, 445	1, 141
Estonia	236	178	143	96
Finland	1, 251	1, 149	1, 265	913
France	1, 167	877	905	826
Germany	15, 762	17, 592	17, 854	16, 385
Great Britain:				
England	7, 223	6, 773	6, 175	4, 728
Scotland	5, 114	4, 884	3, 796	2, 812
Wales	390	343	367	248
Greece	4, 011	3, 172	2, 335	1, 701
Hungary	3, 787	4, 421	2, 224	1, 592
Ireland	9, 177	11, 109	14, 426	13, 546
Italy	31, 551	22, 756	20, 886	16, 327
Latvia	619	399	405	334
Lithuania	2, 466	1, 893	1, 900	1, 610
Netherlands	1, 696	1, 180	1, 134	747
Norway	2, 752	2, 813	2, 788	2, 139
Poland	22, 596	15, 401	14, 280	12, 089
Portugal	800	824	792	634
Rumania	3, 932	2, 524	2, 093	1, 716
Russia	12, 994	9, 521	7, 621	6, 738
Spain	635	594	551	573
Sweden	4, 848	4, 836	4, 087	3, 006
[illegible]	1, 424	1, 225	1, 217	891
[illegible]	4, 236	3, 319	2, 974	2, 060
[illegible]	194	222	151	90
Palestine	152	125	95	89
Syria	717	588	491	395
Turkey	2, 333	1, 550	1, 257	999
Other Asia	71	80	74	73
Philippine Islands	53	29	16	18
Canada	7, 566	7, 173	10, 144	8, 638
Mexico	176	178	248	278
British West Indies, incl. Brit. Empire not specified	2, 554	2, 143	2, 035	1, 413
Other West Indies	74	90	82	97
Central America	53	358	58	54
South America	348	363	333	343
Africa	43	39	24	50
Australia	104	94	103	82
Repatriated Americans	2, 800	2, 427	2, 354	1, 922

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

5. EDUCATION

No. 103.—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] [2] 18,543,201	[1] [2] 21,404,322	[1] 24,239,948
Per cent of total population	31.3	30.1	29.6	28.3	26.4
[illegible]	6,871,522	9,867,505	12,722,581	15,503,110	17,813,852
[illegible]	17.82	19.67	20.32	20.51	19.37
[illegible]	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 [illegible]	59.3	62.3	64.1	68.6	72.1
Average [illegible] 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 [illegible]	37,795	55,886	91,708	137,495	253,757
[illegible]	[3] $189	[3] $195	[3] $252	[3] $325	[3] $485
Total expenditure for education [illegible]	63,397	78,095	140,507	214,965	426,250
[illegible]	$1.64	$1.56	$2.24	$2.84	$4.64
[illegible] sive	$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
[illegible]	[1] 105,710,620	[4] 116,531,963	[4] 119,861,607	[1] 122,775,046	[4] 124,822,000
[illegible]	[1] 27,728,788	[4] 30,165,515	[4] 30,915,278	[1] 31,571,322	[4] 32,031,549
	26.2	[5] 25.9	[5] 25.8	25.7	25.7
Pupils [illegible]	21,578,316	24,741,468	25,179,696	25,678,015	26,275,441
Per [illegible]	20.4	[5] 21.2	[5] 21.0	20.9	21.1
Per [illegible]	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	81.3	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 [illegible]					
Average annual salary per teacher	590,120	1,061,583	1,164,583	1,250,427	1,265,444
	[6] $871	[6] $1,277	[6] $1,364	[6] $1,420	[6] $1,417
Total expenditure for education [illegible]	1,036,151	2,026,308	2,184,337	2,316,790	2,174,651
Pe[illegible]	$9.80	[5] $17.39	[5] $18.23	$18.87	$17.42
Pe[illegible] clusive	$37.37	$67.17	$70.67	$73.38	$67.89
Per capita of enrollment	$48.02	$81.90	$86.75	$90.22	$82.78

[1] Census enumeration as of June 1, 1870 to 1900, Apr. 15, 1910, Jan. 1, 1920, and Apr. 1, 1930.
[2] [illegible] y which is not included in public school statistics.
[3] [illegible] estimates for July 1.
[5] Computed from the above revised estimates of population.
[6] Computed from number of teaching positions plus supervisors and principals whose salaries are included.

Source: Office of Education, Department of the Interior.

No. 104.—ELEMENTARY, SECONDARY, NORMAL SCHOOL, AND COLLEGE ENROLLMENTS AND EXPENDITURES: CONTINENTAL UNITED STATES

Schools	1900	1910	1920	1930	1932
ENROLLMENT					
Elementary and kindergarten, total	16,224,784	18,449,828	20,894,171	23,598,479	23,566,653
Kindergartens	*225,394*	[1] *346,189*	*510,949*	*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	5,547,001
Public high schools	519,251	915,061	[3] 2,199,389	[3] 4,399,422	[3] 5,140,021
Private high schools	110,797	117,400	[3] 213,920	[4] 341,158	[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	1,085,799	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	[11] 49,896
Colleges, universities, and professional schools [8]	[10] 40,554	[9] 77,873	189,235	563,547	[11] 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 $2,968,109,000 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. 105.—PUBLIC HIGH SCHOOLS AND PRIVATE HIGH SCHOOLS AND ACADEMIES: CONTINENTAL UNITED STATES

N[illegible]ols. In 1930, 22,237 [illegible] The total enrollme[illegible] or 1920, 1930, and 19[illegible]

	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	3,623,722	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	41,687	[4] 97,654	[4] 182,687	[4] 213,291
Men	3,597	10,172	18,890	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
Colored students (included above)	*5,933*	*8,395*	*12,636*	*27,651*	*96,107*	*118,897*
First year	(5)	(5)	392,505	742,320	1,212,894	1,460,459
Second year	(5)	(5)	247,936	498,796	906,179	1,132,061
Third year	(5)	(5)	163,176	346,684	670,089	852,012
Fourth year	(5)	(5)	111,444	251,369	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	21,882	61,737	111,363	230,902	474,736	591,719
Boys	7,692	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. 106.

No. 105.—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	20,333	22,014
Men	3,272	4,275	4,512	5,698	7,866	8,580
Women	3,937	5,842	6,634	9,248	12,467	13,434
Secondary pupils, total	94,931	110,797	117,400	184,153	269,249	309,052
Boys	47,534	55,734	55,474	84,222	128,596	146,517
Girls	47,397	55,063	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. 106.—NORMAL SCHOOLS AND TEACHERS' COLLEGES (STATE, COUNTY, CITY, AND PRIVATE): Continental United States

Note.—Data cover regular session only; figures formerly shown for 1928 and 1930 included summer schools. For summer-school enrollment in 1932, see Table 118

	1900	1910	1920	1928	1930	1932
ALL NORMAL SCHOOLS AND TEACHERS' COLLEGES						
Number reporting	305	264	369	339	331	289
Instructors, total	4,367	5,914	9,467	11,927	11,977	[1] 11,905
Men	1,856	2,195	3,512	4,547	4,720	4,516
Women	2,511	3,719	5,955	7,380	7,257	7,089
Students in all courses, total	[2] [3] 116,684	[2] 132,438	162,368	185,162	178,462	164,826
Men	47,906	37,823	29,107	42,238	43,458	50,509
Women	68,778	94,615	133,261	142,924	133,004	114,317
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	[illegible]	[illegible]	20,917	49,627	49,227	46,072
[illegible]	[illegible]	[illegible]	91,641	71,685	90,601	61,144
[illegible]	[illegible]	[illegible]	2,380,073	3,536,032	4,065,070	4,247,027
[illegible]	[illegible]	[illegible]	31,275	70,017	69,984	59,069
[illegible]	[illegible]	[illegible]	23,232	51,222	53,241	49,027
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] 60,309	[2] 94,143	140,382	156,794	154,961	156,143
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	138,720
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	1,098	850	893	531
Students in all courses	[2] 7,505	[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
[illegible]	1,618	1,229	1,207	1,323	950	383
[illegible]	[2] 48,675	[2] 21,355	9,459	12,789	9,116	3,131
[illegible]	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 136 pupils in all courses and 42 for normal courses not distributed by kind of school.

Source of Tables 105 and 106: Office of Education, Department of the Interior.

No. 107.—UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS: CONTINENTAL UNITED STATES

NOTE.—All data cover regular session only. For summer-school enrollment, 1932, see Table 118

	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	48,649	52,263	56,861	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	21,644	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	15,502	([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	([5])
Women	1,506	1,741	1,568	1,728	1,433	1,251	([5])
STUDENTS							
Total students of collegiate grade, excluding duplicates	167,999	266,654	482,445	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] 867,427
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	66,509	53,295	92,591	93,639	92,786	([4])
Women	2,144	5,088	3,836	5,822	5,785	5,255	([4])
Other departments	----------	----------	65,859	53,566	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	59,309	55,632	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	4,353	11,451	13,834	16,332	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
[illegible]	[11] 40,554	77,873	189,235	407,400	496,529	567,618	563,632

[illegible] to full time basis and excluding duplicates was 89,000. This includes administ[illegible]
[illegible]rvice, and organized research in addition to the regular force.
[illegible] and graduate.

[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 114.
[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, whi[illegible]ncluded in collegiate or other departments. For 1932 undergraduate and gradu[illegible]essions were tabulated separately and are here included in figure shown under [illegible] respectively. For separate data see Table 114.
[9] Including first professional. [10] Data not collected. [11] Including endowment.

Source: Office of Education, Department of the Interior.

No. 108.—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.	[illegible]	[illegible]	21,578,316	25,678,015	26,275,441	77.3	81.3	82.0
New England	[illegible]	[illegible]	1,242,221	1,492,320	1,535,403	72.7	75.9	76.9
Maine	[illegible]	[illegible]	137,681	154,455	161,756	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	66,259	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	566,288	667,379	687,629	79.4	85.2	86.8
Illinois	1,795,000	1,002,687	1,127,560	1,395,907	1,415,553	72.1	78.9	78.9
Michigan	1,233,800	541,501	691,674	970,582	998,825	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	83.7	84.8	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
[illegible]	860,200	707,031	672,483	656,073	683,830	78.3	76.3	79.5
[illegible]	204,600	139,802	168,233	169,277	165,608	84.6	83.0	80.9
[illegible]	197,700	126,253	146,955	165,624	164,914	82.9	84.7	83.4
Nebraska	359,200	[5] 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	38,483	42,360	44,522	73.3	73.5	76.5
Maryland	407,500	238,393	241,618	277,459	288,169	66.9	68.9	70.7
Dist. of Columbia	89,400	55,774	65,208	80,965	90,087	84.3	91.9	[illegible]
[illegible]	719,700	402,109	505,190	562,956	582,982	73.3	78.6	[6] 81.0
[illegible]	530,600	276,458	340,256	395,505	422,357	79.8	76.0	79.6
North Carolina	1,053,300	520,404	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	[5] 690,918	713,290	742,756	[7] 74.0	79.7	83.4
Florida	391,100	148,089	225,160	340,434	367,758	82.6	91.5	94.0
East South Central	2,955,500	1,910,364	2,137,794	2,434,538	2,476,265	77.2	82.9	83.8
Kentucky	759,100	494,893	[8] 535,332	588,354	613,119	[8] 76.2	78.1	80.8
Tennessee	757,500	521,753	619,852	627,747	641,551	87.6	83.5	84.7
[illegible]	823,100	424,611	569,940	622,988	639,836	74.1	76.2	77.7
[illegible]	615,800	469,137	[8] 412,670	595,449	581,759	[9] 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	422,399	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	1,018,349	525,118	794,536	893,248	910,314	90.0	89.4	89.4
Montana	141,349	66,141	126,576	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	76,506	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	96.6	95.6
Oregon	218,300	118,412	151,028	202,595	204,792	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	----------	3,486	7,003	7,691	85.4	80.2	78.5
Guam	6,100	----------	----------	3,683	3,484	----------	71.0	56.8
Hawaii Territory	110,700	----------	41,350	71,657	78,663	----------	64.0	71.1
[illegible]	[5] 13,500,000	----------	935,678	1,121,233	1,224,548	----------	34.8	35.0
[illegible]	548,500	----------	180,458	221,248	229,169	----------	41.7	41.8
[illegible]	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 institution4.
[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	1,698,481	2,723,666	C. U. S.
1,171,808	363,595	1,362,526	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	156.6	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	1,059,705	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	4,432,168	130.0	134.9	159.2	159.3	405,417	534,830	792,724	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	1,226,875	133.7	144.9	162.5	163.2	[4] 167,920	241,739	280,568	Ill.
796,312	200,513	866,700	140.0	129.6	161.5	162.2	[4] 61,539	82,243	153,325	Mich.
420,732	158,873	510,270	124.4	138.9	150.3	158.1	57,366	76,741	111,289	Wis.
2,250,166	623,270	2,503,679	114.2	127.4	148.9	153.0	132,608	186,183	265,479	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	388,920	119.5	124.8	143.7	156.7	[4] 9,768	20,720	30,483	Kans.
3,316,927	562,459	3,178,967	86.8	98.3	125.3	129.6	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.
499,446	83,536	482,645	90.4	102.2	131.9	139.3	23,662	12,914	12,664	Va.
359,655	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	10,650	9,340	5,444	S. C.
649,726	93,030	572,343	92.5	98.0	111.7	105.9	6,000	14,030	9,684	Ga.
315,264	52,494	292,728	80.9	98.0	119.0	133.3	8,200	6,862	7,742	Fla.
2,193,184	278,101	1,904,679	80.1	84.3	114.7	115.1	52,052	69,425	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] 7,500	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	[3] 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.

[6] The enrollment in schools in California for 1920 and in District of Columbia and Nevada for 1930 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.

[7] Approximate. [8] 1919. [9] Enrollment figures from the Bureau of the Census.

Source: Office of Education, Department of the Interior.

No. 109.—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	1,636	1,665
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	1,268
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	16.6	52,001	[3] 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	361,829	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	165,836	167,093	22.8	20.7	266,785	1,010	1,568	1,586
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	77,859	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	99,138	117,051	122,294	121,241	15.5	15.4	141,689	797	1,134	1,133
Minnesota	15,157	19,575	22,169	21,948	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
[illegible]	18,365	21,126	24,200	24,588	26.4	19.6	30,233	797	1,235	1,230
[illegible]	7,387	8,975	8,856	8,607	17.4	19.3	7,669	728	900	900
[illegible]	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	1,483	1,051
Kansas	13,467	16,989	19,141	19,118	18.0	19.6	23,024	761	1,159	1,123
South Atlantic	62,187	84,888	112,005	112,335	26.3	16.7	106,856	560	945	929
Delaware	993	1,134	1,420	1,520	13.7	14.5	2,599	848	1,570	1,631
[illegible]	5,514	6,675	8,745	8,800	17.1	16.0	13,549	902	1,518	1,523
[illegible]	1,631	2,096	2,722	2,751	11.5	12.4	6,768	1,359	2,269	2,340
[illegible]	10,443	14,271	16,477	16,719	19.9	12.0	14,824	546	861	869
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	18,633	464	873	799
South Carolina	6,968	9,699	13,398	13,053	23.1	14.9	8,813	464	788	668
Georgia	12,625	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
[illegible]	11,100	13,348	15,323	16,420	41.7	25.8	14,608	[4] 413	896	835
[illegible]	10,286	13,277	18,331	19,238	37.0	22.2	15,575	494	902	826
[illegible]	8,756	12,558	17,130	17,079	35.0	17.4	12,121	484	792	710
[illegible]	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
[illegible]	9,522	10,476	12,990	11,694	47.0	27.6	7,087	477	673	593
[illegible]	6,286	8,966	12,173	12,445	21.4	15.4	11,174	723	941	895
[illegible]	9,473	15,389	19,807	18,160	26.2	20.3	20,008	708	1,070	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	46,110	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	809	1,239	1,250
Colorado	5,200	7,386	9,744	9,806	15.6	19.0	13,594	929	1,453	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	9,877	11,140	11,045	20.0	18.7	17,988	1,229	1,556	1,553
Oregon	4,453	7,778	6,208	7,876	19.4	14.1	11,330	870	1,612	1,439
California	11,369	19,343	36,768	39,020	13.8	17.6	88,713	1,272	2,123	2,189
Alaska Territory	----------	164	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	4,461	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 [illegible] separately.
[2] Includes 231 part-time teachers. [3] Estimated. [4] 1919. [5] 1930. [6] [illegible]

Source: Office of Education, Department of the Interior.

No. 110.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: EXPENDITURES

NOTE.—Figures include new buildings as well as operation and equipment [illegible] lituros per capita of total population for outlying territories and possessions for [illegible] Alaska, $11.75; Canal Zone, $25.38; Guam, $3.52; Hawaii, $15.06; Philippine Islar [illegible] $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	18.87	17.42	17.58	37.37	78.38	67.89
New England	34,270	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	86,891	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	23.96	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	71.86	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	99.83	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	5.60	13.80	19.25	17.19	21.03	53.15	76.05	68.12
Minnesota	13,724	35,734	51,600	49,672	6.60	14.97	20.13	19.22	24.41	58.04	78.53	75.02
Iowa	12,767	37,334	50,737	44,015	5.76	15.53	20.53	18.00	21.85	62.44	82.53	72.33
Missouri	13,067	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	11,593	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	26,783	73,475	184,089	172,977	2.19	5.25	11.66	10.80	7.23	17.37	39.33	36.53
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	3,702	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	2,080	4,297	12,666	13,954	8.10	9.82	26.02	28.30	40.68	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	28,219	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	8,117	22,939	21,755	2.47	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	75,586	146,935	139,908	2.95	7.38	12.07	11.27	9.46	23.85	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	10.39	9.68	8.20	20.39	36.01	33.80
Oklahoma	6,739	22,906	32,802	28,781	4.07	11.29	13.69	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	77,870	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	8,502	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	5,808	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	23.05	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	6,339	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	144.96	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	93.91	84.58
Oregon	4,646	9,998	19,573	17,156	6.90	12.76	20.52	17.61	31.46	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. 111.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: ENROLLMENT OF WHITE AND COLORED 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		Colored		White		Colored			
	1930	1932	1930	1932	1930	1932	1930	1932	White	Colored
Total	7,444,731	7,562,872	2,232,578	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	234,030	51,690	54,130	.752	.695	.738	.766	165	147
D. C.	53,934	50,698	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
W. Virginia	369,307	390,583	26,138	25,774	.828	.793	.895	.853	(1)	(1)
North Carolina	607,344	599,060	250,505	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	113,507	.825	.839	.825	.885	126	121
Alabama	428,257	432,699	194,731	207,137	.938	.817	.662	.706	124	101
Mississippi	302,040	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	.603	.707	147	97
[illegible]	[illegible]	[illegible]	49,281	50,298	1.075	.954	1.003	1,018	126	120
[illegible]	[illegible]	[illegible]	203,740	214,306	.794	.776	.844	.883	134	104
[illegible]	[illegible]	[illegible]	47,536	47,984	.852	.802	.871	.887	(1)	(1)

[1] Data not available.

No. 112.—PUBLIC HIGH SCHOOLS: TEACHERS AND PUPILS, 1930

NOTE.—Data include seventh and eighth grade pupils in junior high schools. See headnote, Table 105

Division and State or outlying area	Number reporting	Teachers	Pupils		Division and State or outlying area	Number reporting	Teachers	Pupils	
			Male	Female				Male	Female
Cont'l U. S.	22,237	213,306	2,522,816	2,689,363	S. Atl.—Contd.				
New England	919	15,049	176,749	184,116	Georgia	444	2,583	20,013	36,700
Maine	217	1,362	14,592	16,081	Florida	260	2,542	26,395	30,037
N. Hampshire	105	862	9,133	9,814	E. S. Central	2,293	11,377	126,418	150,922
Vermont	85	545	5,014	6,644	Kentucky	682	3,143	33,517	39,474
Massachusetts	371	8,617	103,389	106,275	Tennessee	588	2,932	34,016	42,170
Rhode Island	33	1,073	13,224	13,531	Alabama	373	2,905	34,573	39,918
Connecticut	108	2,590	30,497	31,771	Mississippi	650	2,397	24,312	29,360
Mid. Atlantic	2,327	43,023	568,925	556,989	W. S. Central	2,746	18,195	211,434	237,180
New York	943	20,437	295,278	276,982	Arkansas	370	2,231	28,260	31,404
New Jersey	215	6,063	74,399	72,435	Louisiana	341	1,981	20,605	25,720
Pennsylvania	1,169	16,523	199,248	207,572	Oklahoma	816	5,092	58,182	64,299
E. N. Central	4,245	47,521	568,498	586,796	Texas	1,219	8,891	104,387	115,757
Ohio	1,241	13,326	166,297	171,306	Mountain	1,018	8,553	98,621	104,089
Indiana	819	7,701	84,647	86,071	Montana	200	1,235	12,812	15,082
Illinois	1,000	11,933	146,480	144,921	Idaho	172	1,171	13,351	14,320
Michigan	701	9,289	111,356	118,124	Wyoming	94	604	5,962	6,944
Wisconsin	484	5,182	59,718	66,374	Colorado	228	2,651	28,330	30,203
W. N. Central	4,590	28,869	307,991	350,085	New Mexico	120	616	6,823	7,385
Minnesota	563	5,268	56,716	69,217	Arizona	57	720	8,088	8,075
Iowa	959	6,494	67,645	75,247	Utah	113	1,345	18,827	19,240
Missouri	1,002	5,501	66,627	71,478	Nevada	34	202	2,428	2,340
North Dakota	408	1,356	13,145	17,548	Pacific	1,105	19,550	228,869	231,324
South Dakota	334	1,603	14,311	18,204	Washington	346	3,560	46,223	48,865
Nebraska	598	3,281	34,979	39,737	Oregon	284	2,085	26,075	26,481
Kansas	726	5,276	54,568	58,654	California	475	13,905	157,591	156,297
S. Atlantic	2,994	21,169	236,281	287,562	Alaska	15	57	416	428
Delaware	30	370	4,301	4,836	Canal Zone	2	28	470	447
Maryland	195	2,248	20,944	30,677	Guam	1	2	22	12
D. C.	21	956	10,326	12,226	Hawaii	13	344	4,491	3,780
Virginia	462	2,956	32,756	42,352	Philippine Is.	52	831	24,075	16,017
West Virginia	361	3,011	33,689	37,752	Puerto Rico	17	181	1,855	1,983
N. Carolina	383	4,512	52,113	66,597	Virgin Islands	3	15	167	166
S. Carolina	338	1,991	20,254	25,486					

Source of Tables 111 and 112: Office of Education, Department of the Interior.

No. 113.—SCHOOL STATISTICS OF NONCONTIGUOUS TERRITORIES AND POSSESSIONS

	1899–1900 [1]	1909–10	1919–20	1929–30	1930–31	1931–32	1932–33
HAWAII TERRITORY							
Public schools:							
Number	140	152	173	181	183	181	184
Teachers	352	486	1,161	2,563	2,656	2,686	2,636
Male	112	106	143	469	491	507	514
Female	240	380	1,018	2,094	2,165	2,179	2,122
Pupils [2]	11,501	19,909	38,295	73,180	76,530	78,663	80,161
Male	6,339	10,937	20,044	37,682	39,430	40,944	41,772
Female	5,162	8,972	18,251	35,498	37,100	37,719	38,389
Hawaiian	4,977	4,381	3,293	3,321	3,206	3,006	2,939
Part-Hawaiian	2,631	3,842	4,100	7,679	8,073	8,245	8,558
Anglo-Saxon	1,250	1,505	1,033	2,993	3,210	3,382	3,565
Spanish			379	258	253	299	268
Portuguese	3,809	4,662	5,304	6,091	5,881	5,737	5,662
Japanese	1,352	7,078	17,541	39,115	41,251	42,864	43,606
Chinese	1,289	2,855	3,721	6,706	6,826	6,733	6,643
Puerto Rican		372	1,068	1,163	1,257	1,298	1,376
Korean		260	508	1,719	1,859	1,934	2,021
Filipino			941	3,344	3,807	4,156	4,383
All other	229	582	407	791	907	1,009	1,140
PUERTO RICO							
Population	953,243	[3]1,118,012	[3]1,299,809	[3]1,544,000	[4]1,573,700	[4]1,597,500	[4]1,621,300
Persons of 5–17 years	322,393	[5]361,967	[5]438,743	[5]530,148	[4]541,300	[4]550,200	[4]559,100
Persons attending school	25,528	121,453	184,991	221,248	226,215	229,169	233,457
Teachers	525	1,692	3,286	4,451	4,523	4,601	4,638
Public-school buildings	[6]	274	569	1,080	1,078	1,096	[6]
Rented buildings	[6]	751	1,334	1,170	914	901	[6]
Schoolrooms	525	[6]	3,006	4,690	4,462	4,477	[6]
School expenditures	$288,098	$1,244,502	$3,150,761	$5,974,936	$6,170,464	$6,377,019	[6]
For university			$188,884	$587,615	$615,920	$847,319	[6]
Expenditures per inhabitant	$0.30	$1.11	$2.42	$3.87	$3.92	$3.99	[6]
PHILIPPINE ISLANDS							
Schools	2,285	4,531	5,944	7,821	7,761	7,641	
Primary	2,233	4,295	5,280	} 7,694	7,636	7,516	
Intermediate	17	198	614				
Secondary	35	38	50	127	125	125	
Teachers	4,641	9,007	17,575	28,519	28,469	27,252	
American	787	732	341	263	260	219	
Filipino	3,854	8,275	17,234	28,256	28,209	27,033	
Average monthly enrollment	[7][8]227,600	[8][9]451,938	678,956	1,100,896	1,155,793	1,143,864	
ALASKA TERRITORY							
Native schools: [10]							
Number	25	77	67	93	105	104	103
Pupils enrolled	1,753	3,964	3,610	3,899	4,206	4,386	4,618
Average attendance		1,692	2,367	3,029	3,172	3,332	3,156
Teachers	27	103	138	195	219	219	212
Teachers' salaries	$18,341	$85,834	$122,014	$220,667	$268,824	$291,631	$294,251
Total cost	$29,274	$195,613	$249,456	$580,400	$614,625	$749,956	$506,924
White schools: [11]							
Teachers			163	253	259	263	[6]
Pupils enrolled		[12]621	3,418	5,066	5,304	5,395	[6]
Average attendance			[13]1,635	4,167	4,459	4,601	[6]
Expenditures		[12]$36,486	$330,038	$594,662	$595,193	$604,887	[6]

[1] Statistics for Puerto Rico are for 1898–99; f[illegible] for 1903–4.
[2] Figures by race for 1899–1900 include 4,036 [illegible]ls, 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; 1930–31, 12,178; 1931–32, 12,617, and 1932–33, 12,589.
[3] Censuses of 1910, 1920, and 1930, respectively.
[4] Census estimates as of July 1.
[5] No schoolbuildings on the island, the 525 schools in operation being conducted, as a rule, in teachers' residences.
[6] Not available. [7] March. [8] Highest monthly enrollment. [9] September.
[10] Statistics for 1899–1900 are for all public schools.
[11] [illegible]owns and districts.
[12] towns only.
[13] 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, Department of the Interior; white schools, reports of the Governor of Alaska.

No. 114.—UNIVERSITIES, COLLEGES, AND

Division and State or outlying area	Number of institutions, 1932	Faculty, 1932		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	67,184	22,020	482,445	924,275	989,757	616,843	372,914	292,702	232,976
New England	62	7,486	1,448	42,628	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	2,305	1,552	843	1,064	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	4,652	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	103,550	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	11,966	3,473	112,177	207,093	203,310	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	38,086	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	67,820	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	630	13,094	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	97,065	102,435	65,390	37,095	31,961	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	6,931	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	1,085
East South Central	101	3,268	1,628	17,147	42,160	46,155	26,179	19,976	16,036	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	26,372	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	21,611	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	779
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	1,088	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	6,357	2,201	36,756	84,191	99,096	58,861	40,235	36,821	30,828
Washington	15	893	349	7,865	15,127	15,049	9,198	5,851	5,417	4,520
Oregon	13	742	208	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	985	2,017	895	1,122	387	195
Puerto Rico	1	94	45	644	1,284	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 115.

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[1]								
Graduate		Undergraduate		Graduate						
Male	Female	Male	Female	Male	Female	Male	Female	1930	1932	
25,943	16,710	257,342	84,407	24,436	9,864	19,372	14,378	567,618	563,632	Continental U.S.
3,053	1,476	22,517	5,124	2,817	436	686	326	76,208	73,915	New England.
21	22	879	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	1,128	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	1,936	497	3,805	1,566	63,963	60,971	West North Central.
426	377	5,653	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	-------	264	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.
157	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	108	3,408	643	102	30	206	165	6,493	4,348	Alabama.
67	25	727	7	10	-------	185	323	5,136	3,445	Mississippi.
964	820	15,858	5,185	682	215	1,956	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.
716	608	9,620	4,052	496	118	799	427	16,330	17,883	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. 115.—NUMBER OF STUDENTS PURSUING SPECIFIED PROFESSIONAL COURSES, 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 114. 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	269	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	1,941	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	1,061	746	3,037	588	238	1,687	8,202
Michigan	112	1,540	959	238	351	4,427	467	563	3,495	883
Wisconsin	321	545	636	202		1,703	536	344	959	285
West North Central	1,966	3,187	3,487	1,278	1,109	9,306	2,661	2,696	5,802	3,412
Minnesota	489	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		69	56		100	402	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	280	313		59	1,537	457	519	603	580
South Atlantic	869	4,990	3,864	1,162	850	6,892	1,828	923	7,101	2,762
Delaware						194	33	54	70	
Maryland	50	165	708	424	361	784	262	95	2,951	105
District of Columbia	231	3,268	1,108	310	73	589			480	117
		420	603	126	127	1,297	268	95	366	488
		149	144		38	435	148	164	167	
		256	292		81	812	243		275	347
		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	738	1,179	1,345	368	304	3,387	730	828	2,566	1,467
Kentucky	634	280	342	151	93	718	185	117	628	408
Tennessee	94	606	343	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	1,682	1,706	299	272	6,655	1,752	790	3,365	2,726
		120	198			292	113	118	306	106
		331	586	142	76	1,100	363	161	1,172	835
		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	203	4,181	1,116	612	3,260	2,870
Montana		63			54	209			37	92
Idaho		39			74	428	172		410	292
Wyoming		33				176	113	64	315	
Colorado	138	292	214	12	75	1,850	243	264		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	4,612	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. 116.—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	48,682,136	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	67,098	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	30,306	91,867	92,466
Middle Atlantic	8,340,144	9,000,200	40,573	59,329	384,470	430,003	153,262	312,098	316,480
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	248,182	237,704
Ohio	2,720,349	3,047,178	13,164	21,086	87,815	103,370	23,004	84,983	82,639
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	5,204,892	5,724,280	40,258	44,826	164,925	178,395	46,794	91,250	92,051
Minnesota	1,170,048	1,369,302	7,804	9,587	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	1,460,415	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	257,004	1,836	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	27,756	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
[illegible]	733,412	957,910	3,498	5,221	31,383	35,372	7,369	23,253	29,910
[illegible]	233,854	236,321	1,970	2,078	12,824	12,435	973	3,222	2,947
[illegible]	825,117	1,035,385	5,057	7,929	52,674	57,616	2,936	35,286	35,545
[illegible]	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	2,735
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	32,288	8,833	29,949	29,924
Alabama	268,137	304,134	2,067	2,185	11,596	14,638	2,489	6,267	7,303
Mississippi	234,058	240,288	2,474	2,770	12,970	13,402	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	7,804	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	14,523	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	1,588,130	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	3,166	1,719	2,509	2,860
Wyoming	75,351	110,039	511	1,036	2,195	2,366	807	2,318	2,406
Colorado	538,268	578,332	3,030	3,891	14,658	15,965	1,637	5,836	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	429
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	583	2,409	2,225		6	
Puerto Rico	25,210	34,497	262	482	716	894	11	335	
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. 117.—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	8,280	11,027	[2] 4,417	[2] 6,805	152,909	167,346	50,148	111,547	28	[2] 383	3,131
New England	30	668	723	201	774	5,496	6,810	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	837	903	159	693			
Vermont	2	15	10	1	20	280	123	9	274			
Massachusetts	11	324	331	85	281	2,779	2,820	264	2,963	5	60	967
Rhode Island	1	81	31	23	79	457	609	40	566			
Connecticut	6	105	156	27	223	569	1,006	68	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	263	551	9,448	12,678	1,868	9,152	6	87	766
New Jersey	7	186	213	70	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	68	1,326	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	4,499			
Wisconsin	26	521	564	236	312	8,846	7,001	3,578	4,880			
W. N. Central	31	1,584	1,702	771	1,036	31,825	24,059	8,535	17,600	5	58	123
Minnesota	6	204	255	82	182	3,969	3,296	980	2,960	2	25	232
Iowa	1	172	183	78	94	4,158	2,620	726	1,884			
Missouri	8	359	445	211	244	8,828	7,426	3,093	5,932	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	3,652	2,203	892	1,657	2	24	100
Kansas	3	246	272	154	130	6,063	3,744	1,568	2,251			
South Atlantic	33	800	1,075	371	713	13,334	16,772	3,327	11,698	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	74	149	2,100	2,590	464	2,920			
S. Carolina		49	49			918	324					
Georgia	5	141	159	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	762	1,144	515	505	21,168	19,650	7,023	11,838			
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	295	374	185	153	10,361	8,181	3,248	5,141			
Texas	7	333	557	249	253	8,475	8,569	3,075	4,928			
Mountain	11	384	450	221	239	6,768	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	168	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	4,584	8,920	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	3,651	6,699	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		1,592		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. 118.—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	136,690	277,700	148	57,259
New England	205	11,777	60	13,885	2,308	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	6,068	26	5,822	1,120	7,377	7	2,867
Rhode Island	11	1,287	7	4,789	----	----	2	622
Connecticut	25	1,795	17	2,097	22	25	3	1,239
Middle Atlantic	363	24,890	148	27,280	13,447	60,492	26	15,711
New York	152	11,724	71	15,024	6,936	40,018	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	17,874	8	5,152
East North Central	330	22,144	123	17,929	26,493	55,878	18	9,729
Ohio	80	5,389	38	6,138	2,701	16,838	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	9,347	4	1,620
Wisconsin	36	3,481	13	999	5,727	6,341	2	760
West North Central	251	12,264	70	9,968	25,880	32,928	15	4,833
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	8,019	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	15,992	17,471	8	4,802
Kentucky	31	1,071	13	1,300	4,818	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	68	2,851	16	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	----	----	----	1,069	2	123
Colorado	20	1,181	6	1,453	3,038	6,081	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	6,975	69	10,973	8,240	21,553	12	2,567
Washington	27	1,525	19	3,536	2,391	5,062	4	788
Oregon	13	726	6	1,068	1,399	2,746	2	256
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 profersional schools.

Source: Office of Education, Department of the Interior.

No. 119.—SCHOOLS FOR THE BLIND, THE DEAF, AND THE FEEBLE-MINDED, 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	96	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	383	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	726	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	86					1	90	2	110		
Nebraska	1	60					1	192	1	16			1	193	2	306	1	(1)
Nevada																		
New Hampshire																		
New Jersey			5	151	2	78	1	342	3	136			1	191	4	204		
New Mexico	1	108					1	99					5	340	50	4,296	4	277
New York	1	145	7	1,760	3	176	5	1,185	6	571	4	554	1	18				
North Carolina	2	232					2	472					9	2,181	72	15,527	7	150
North Dakota	1	37					1	111					2	188	2	192		
Ohio	1	224	24	937			1	519	15	468	1	102	1	156	1	46		
Oklahoma	1	159					2	409	1	17	1	8	4	570	43	6,084	2	38
Oregon	1	43	1	11			1	126	1	38			1	(1)	2	271		
Pennsylvania			5	260	4	471	2	603	5	198	5	598	4	197	3	578		
Rhode Island			1	33			1	101					1	503	55	11,655	5	292
South Carolina	1	104					1	212	1	95			1	45	5	688	1	4
South Dakota	1	37					1	109					1	119	2	184		
Tennessee	2	250					2	300					1	64	2	116		
Texas	2	338	1	6			2	685	3	42			1	(1)			1	21
Utah	1	29					1	130					2	90	2	150		
Vermont							1	56					1	110				
Virginia	2	108	3	65			2	249	2	35			1	59				
Washington	1	96	3	147			1	135	4	115			1	98	4	472	2	41
West Virginia	2	136					2	315	1	16			1	154	9	2,106		
Wisconsin	1	139					1	218	18	348	1	83	1	(1)	1	46		
Wyoming													2	456	33	1,525	2	225
													1	71				

[1] Data not available.

Source: Office of Education, Department of Interior.

No. 120.—SCHOOLS FOR THE BLIND, THE DEAF, AND THE FEEBLE-MINDED: 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 feeble-minded and subnormal, total	214	303	613	1,956	3,493	4,917	63,399	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. 121.—VOCATIONAL EDUCATION: TEACHERS AND PUPILS IN FEDERALLY AIDED VOCATIONAL SCHOOLS AND TEACHER-TRAINING COURSES

NOTE.—See headnote, Table 122. Hawaii included 1930 to 1933 and Puerto Rico 1932 and 1933

Class of school or course	Teachers					Pupils				
	1920	1930	1931	1932	1933	1920	1930	1931	1932	1933
VOCATIONAL SCHOOLS										
Total, all classes[1]	------	------	------	------	------	265,058	981,882	1,056,519	1,077,844	1,032,403
Male	------	------	------	------	------	163,228	603,514	629,707	618,852	579,083
Female	------	------	------	------	------	101,830	378,368	426,812	458,992	453,320
Evening	2,565	9,842	11,475	10,980	9,397	73,122	323,154	378,773	379,427	343,033
Part time	1,773	5,468	4,955	5,692	5,560	122,974	407,285	382,539	359,001	299,535
All day	3,331	9,245	10,179	11,226	11,934	68,962	241,486	283,846	328,226	379,835
Day-unit course	------	319	542	472	494	------	9,957	11,361	11,190	10,000
Agricultural[1]	------	------	------	------	------	31,301	188,311	235,153	252,199	264,105
Male	------	------	------	------	------	29,351	180,490	224,872	242,074	252,781
Female	------	------	------	------	------	1,950	7,821	10,281	10,125	11,324
Evening	------	1,878	2,147	2,189	2,283	------	60,462	85,688	87,138	81,689
Part time	------	306	369	570	747	------	4,164	6,485	10,792	12,558
All day	1,570	4,346	4,570	4,770	4,938	31,301	113,728	131,619	143,079	159,858
Day-unit course	------	319	542	472	494	------	9,957	11,361	11,190	10,000
Trade and industrial[1]	------	------	------	------	------	184,819	618,604	591,876	560,150	489,900
Male	------	------	------	------	------	133,872	422,575	404,602	376,808	325,010
Female	------	------	------	------	------	50,947	196,029	187,274	184,342	164,890
Evening	1,779	5,030	5,715	5,277	4,224	48,354	165,317	168,822	151,042	123,807
Part time, total	1,636	4,981	4,342	4,850	4,502	115,241	381,898	342,513	315,708	255,247
Trade extension	350	1,747	1,457	1,759	1,646	17,159	45,601	47,358	44,476	38,064
General continuation	1,286	3,234	2,885	3,091	2,856	98,082	336,297	295,155	271,232	217,183
All day	1,047	3,054	3,472	3,793	4,020	21,224	71,389	80,541	93,400	110,846
Home economics[1]	------	------	------	------	------	48,938	174,967	229,490	265,495	278,398
Male	------	------	------	------	------	5	449	233	970	1,292
Female	------	------	------	------	------	48,933	174,518	229,257	264,525	277,106
Evening	786	2,934	3,613	3,514	2,890	24,768	97,375	124,263	141,247	137,537
Part time	137	181	244	272	311	7,733	21,223	33,541	32,501	31,730
All day	714	1,845	2,137	2,663	2,976	16,437	56,369	71,686	91,747	109,131
TEACHER-TRAINING COURSES										
Total, all classes	1,082	[2] 843	[2] 882	[2] 851	[2] 858	12,456	20,736	22,088	22,468	19,645
Male	657	[2] 518	[2] 548	[2] 526	[2] 518	6,985	12,531	14,386	14,561	12,118
Female	425	[2] 325	[2] 334	[2] 325	[2] 340	5,471	8,205	7,702	7,907	7,527
In agriculture	293	195	183	200	205	2,310	3,325	2,911	3,171	3,468
Trade and industry	359	334	385	342	333	6,150	11,205	13,242	13,045	10,155
Home economics	414	316	319	226	328	3,652	6,206	5,935	6,252	6,022
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. 122.—VOCATIONAL EDUCATION: Pupils Enrolled in Vocational Courses and Teacher-Training Courses, Year Ended June 30, 1933

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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]	1,032,403	284,105	489,900	278,398	117,924	19,650	8,429	10,194	6,027
New England	59,836	3,841	38,865	16,930	431	1,485	204	588	693
Maine	1,868	760	294	814		87	11		76
New Hampshire	1,105	335	510	260		82		39	43
Vermont	820	326	305	189		51	9	15	27
Massachusetts	44,164	1,182	29,609	13,373	195	867	103	432	332
Rhode Island	2,711	617	1,534	560		312	55	90	167
Connecticut	8,968	621	6,613	1,734	236	86	26	12	48
Middle Atlantic	239,575	13,327	205,349	20,899	53,117	4,348	492	3,108	748
New York	159,984	6,189	146,256	7,539	52,676	2,272	287	1,582	403
New Jersey	23,438	1,318	20,085	2,035	441	349	38	269	42
Pennsylvania	56,153	5,820	39,008	11,325		1,727	167	1,257	303
East North Central	187,899	44,391	89,567	53,941	8,676	2,658	283	1,882	493
Ohio	33,911	10,732	14,342	8,837		860	62	717	81
Indiana	20,652	4,743	10,431	5,478	710	394	90	157	147
Illinois	30,145	8,679	11,252	10,214	1,178	567	39	434	94
Michigan	39,966	13,129	18,711	8,126		690	69	501	120
Wisconsin	63,225	7,108	34,831	21,286	6,788	147	23	73	51
West North Central	87,652	30,058	23,531	34,063	2,358	1,866	344	766	756
Minnesota	15,938	4,910	7,163	3,865		420	86	264	70
Iowa	15,388	9,399	3,519	2,470	176	474	25	275	174
Missouri	18,166	6,830	6,614	4,722		247	64	153	30
North Dakota	4,364	1,495	568	2,301		113	47	[2]	66
South Dakota	4,148	1,637	198	2,313	1,288	75	14	6	55
Nebraska	15,760	3,068	2,439	10,253	93	351	56	68	227
Kansas	13,888	2,719	3,030	8,139	799	186	52	[3]	134
South Atlantic	137,762	56,931	43,155	37,676	11,199	1,818	403	754	661
Delaware	1,943	274	1,326	343		40	10	[4] 10	20
Maryland	6,871	1,328	3,849	1,694		304	28	246	30
Virginia	24,375	10,979	9,711	3,685	2,785	520	40	212	268
West Virginia	5,169	1,201	2,181	1,697	56	104	36	68	
North Carolina	28,216	13,499	5,984	8,733		211	93	20	98
South Carolina	29,142	15,967	5,377	7,798	1,778	203	48	39	116
Georgia	29,717	9,862	9,940	9,915	6,580	339	116	159	64
Florida	12,329	3,731	4,787	3,811		97	32		65
East South Central	81,691	40,809	15,088	25,799	6,517	1,543	470	640	433
Kentucky	10,348	4,999	2,806	2,543		229	81	54	94
Tennessee	29,074	13,262	4,835	10,977		273	59	75	139
Alabama	21,286	7,722	5,148	8,416	2,249	783	255	418	110
Mississippi	20,983	14,826	2,294	3,863	4,268	258	75	93	90
West South Central	110,970	48,299	19,323	43,348	35,454	1,623	392	778	453
Arkansas	14,903	9,234	1,132	4,537		87	48		39
Louisiana	19,317	9,390	4,244	5,674	13,740	192	64	58	70
Oklahoma	25,948	6,420	4,278	15,250	1,428	548	66	248	234
Texas	50,802	23,246	9,669	17,887	20,286	796	214	472	110
Mountain	34,845	9,712	9,883	15,250	174	2,132	651	657	824
[illegible]	3,838	1,065	1,362	1,411		81	21		60
Idaho	2,881	1,462	605	814		134	54	25	55
Wyoming	2,318	1,223	508	587		96	40	26	30
Colorado	11,713	2,031	5,050	4,632	6	1,497	464	529	504
New Mexico	2,363	683	179	1,501		23	13		10
Arizona	3,503	784	368	2,351		18	6		12
Utah	7,375	2,283	1,362	3,730	168	240	43	64	133
Nevada	854	181	449	224		43	10	13	20
Pacific	82,956	13,660	43,804	25,492		1,772	57	942	773
Washington	8,127	2,753	3,868	1,506		136	9	44	83
Oregon	8,125	2,200	2,903	3,022		375	9	297	69
California	66,704	8,707	37,033	20,964		1,261	39	601	621
Hawaii	4,471	847	728	2,896		209	70	51	88
Puerto Rico	4,946	2,230	612	2,104		196	63	28	105

[1] Includes Hawaii and Puerto Rico.
[2] Training in service—no organized classes.
[3] Itinerant training done largely by personal conference.
[4] In addition Delaware reports 120 enrolled in teacher-training conferences.

Source: Office of Education, Department of Interior.

No. 123.—VOCATIONAL EDUCATION: EXPENDITURES UNDER THE VOCATIONAL EDUCATION ACTS, FOR YEARS ENDED JUNE 30

EXPENDITURES FOR ALL SCHOOLS, EXCEPT TEACHER TRAINING

Classification of expenditure	1920	1926	1930	1931	1932	1933
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	6,888,500	23,350,702	27,412,136	29,538,445	30,767,572	27,760,956
From Federal money	1,745,298	5,791,067	6,361,380	6,917,178	7,365,811	6,779,194
From State money	2,008,306	5,992,020	7,172,501	7,680,080	7,896,883	7,194,531
From local money	3,134,896	11,567,615	13,878,255	14,941,187	15,504,878	13,787,231
Agricultural schools	2,437,285	7,608,914	8,743,382	9,978,629	10,212,810	9,468,535
From Federal money	889,886	2,844,464	3,173,624	3,461,543	3,688,513	3,364,441
From State money	678,824	1,539,662	1,787,246	2,084,543	2,123,443	1,979,739
From local money	868,575	3,224,788	3,782,512	4,432,543	4,400,854	4,124,355
Trade or industrial schools	2,408,919	7,193,998	8,814,566	9,503,605	10,058,107	9,584,005
From Federal money	509,385	1,599,063	1,718,733	1,834,788	1,870,905	1,735,810
From State money	786,568	2,009,178	2,538,657	2,680,804	2,914,280	2,827,827
From local money	1,112,966	3,585,757	4,557,176	4,988,013	5,272,922	5,020,368
Home economics schools	1,054,489	3,721,132	4,382,037	4,751,274	5,129,039	4,677,658
From Federal money	155,768	492,158	678,226	877,091	1,130,398	1,116,077
From State money	329,634	1,073,784	1,286,530	1,365,281	1,402,953	1,258,538
From local money	569,087	2,155,190	2,417,281	2,508,902	2,595,688	2,303,043
Part-time general continuation schools	987,807	4,826,658	5,465,513	5,304,937	5,367,616	4,030,758
From Federal money	190,259	855,382	790,798	743,756	675,995	562,866
From State money	213,280	1,369,396	1,554,377	1,549,452	1,456,207	1,128,427
From local money	584,268	2,601,880	3,120,338	3,011,729	3,235,414	2,339,465

EXPENDITURES FOR TEACHER-TRAINING INSTITUTIONS

Total	1,646,663	2,359,045	2,453,400	2,600,746	2,530,873	2,261,982
From Federal money	731,204	1,030,385	1,042,844	1,061,751	1,049,022	949,051
From State money	661,979	1,030,953	1,066,338	1,174,893	1,135,335	1,006,034
From local money	253,480	297,708	344,219	364,102	346,515	306,897
Training teachers of agriculture	556,580	811,765	826,444	851,554	801,712	715,395
From Federal money	250,835	352,216	352,636	350,543	333,562	295,635
From State money	232,013	359,091	364,393	384,765	365,796	320,745
From local money	73,732	100,458	108,915	116,246	102,354	99,015
Training teachers of trade or industrial subjects	490,655	743,109	770,802	848,913	855,359	742,711
From Federal money	226,765	337,891	342,345	358,036	364,573	326,487
From State money	210,199	349,499	348,343	396,894	396,369	344,426
From local money	53,691	55,719	80,114	93,983	94,417	71,798
Training teachers of home economics	599,428	804,171	856,155	900,278	873,801	803,876
From Federal money	253,604	340,278	347,863	353,172	350,887	326,929
From State money	219,767	322,363	353,102	393,234	373,170	340,863
From local money	126,057	141,531	155,190	153,872	149,744	136,084

TOTAL EXPENDITURES FROM FEDERAL MONEY, BY STATES

State	1920	1930	1933	State	1920	1930	1933
	Dollars	*Dollars*	*Dollars*		*Dollars*	*Dollars*	*Dollars*
Total	2,476,503	7,404,223	7,728,245	Nevada	13,849	24,993	21,492
				New Hampshire	10,913	28,107	30,305
Alabama	54,672	170,491	175,008	New Jersey	63,546	206,848	198,699
Arizona	18,146	34,310	37,290	New Mexico	19,144	35,339	38,818
Arkansas	43,615	133,793	150,409	New York	191,061	680,031	653,043
California	70,477	236,129	317,730	North Carolina	45,185	152,201	236,450
Colorado	23,001	68,038	69,468	North Dakota	20,211	57,605	59,320
Connecticut	39,028	78,486	82,263	Ohio	131,378	399,615	384,219
Delaware	17,612	27,377	29,711	Oklahoma	39,361	150,829	157,567
Florida	24,187	67,611	90,603	Oregon	24,671	58,381	63,509
Georgia	69,412	216,311	211,669	Pennsylvania	196,604	567,658	547,909
Idaho	20,181	38,975	39,922	Rhode Island	20,728	50,210	42,915
Illinois	159,998	424,459	416,609	South Carolina	44,252	126,656	137,427
Indiana	74,206	205,760	206,955	South Dakota	10,872	44,212	50,403
Iowa	54,940	173,097	162,006	Tennessee	45,477	175,453	194,533
Kansas	35,506	108,912	109,398	Texas	90,740	339,279	404,855
Kentucky	51,413	165,889	177,695	Utah	19,962	37,718	37,806
Louisiana	43,390	128,456	143,988	Vermont	17,602	35,827	35,301
Maine	19,672	44,470	50,365	Virginia	62,751	171,237	176,881
Maryland	25,664	85,304	91,498	Washington	34,947	95,874	94,151
Massachusetts	100,881	241,466	204,466	West Virginia	28,509	91,180	97,290
Michigan	82,749	254,335	278,130	Wisconsin	60,966	188,283	193,193
Minnesota	65,322	173,166	174,052	Wyoming	13,383	28,487	29,505
Mississippi	49,393	138,074	168,316				
Missouri	74,626	240,648	225,519	Hawaii		30,689	33,768
Montana	18,990	39,999	44,427	Puerto Rico			52,690
Nebraska	33,292	88,866	98,676				

Source: Office of Education, Department of the Interior.

No. 124.—VOCATIONAL REHABILITATION OF PERSONS DISABLED IN INDUSTRY OR OTHERWISE: YEARS ENDED JUNE 30

[, 1920, Congress set up a program of coopera- sons disabled in industry or otherwise. By begun cooperation with ederal funds. The total expenditure in 1933 (fiscal year) comprised: private funds, $1,164,686

State	Number rehabilitated						Live cases on roll June 30					
	1924	1928	1930	1931	1932	1933	1924	1928	1930	1931	1932	1933 [1]
Total	5,594	5,012	4,612	5,130	5,550	5,613	13,044	16,393	[2] 20,394	23,710	27,403	[3] 30,619
Alabama	113	129	170	223	212	163	383	1,124	1,082	1,259	1,321	1,130
Arizona	10	41	30	14	23	26	17	40	55	86	106	186
Arkansas	3	26	45	47	58	43	6	320	451	508	611	664
California	275	207	257	255	241	342	424	738	606	733	1,125	1,462
Colorado	------	7	9	21	23	27	------	44	86	125	161	246
Connecticut	------	------	------	10	23	14	------	------	------	128	148	160
District of Columbia	------	------	------	------	------	58	------	------	------	------	------	333
Florida	------	------	22	30	32	28	------	204	351	442	470	460
Georgia	65	86	114	126	167	132	267	403	454	572	605	674
Idaho	35	26	15	21	25	28	75	66	102	114	125	138
Illinois	319	469	283	520	723	658	859	600	[2] 810	783	775	657
Indiana	123	99	140	133	80	89	261	511	628	667	801	702
Iowa	101	61	71	67	67	52	741	293	209	239	273	292
Kentucky	268	60	146	169	193	227	48	422	608	727	734	871
Louisiana	13	71	35	65	71	57	56	191	271	318	782	472
Maine	15	11	23	21	22	14	74	156	139	133	146	175
Maryland	------	------	5	18	41	43	------	------	74	178	204	185
Massachusetts	90	129	132	134	109	91	209	287	361	466	575	495
Michigan	286	305	283	308	401	458	746	801	876	1,246	1,711	2,068
[illegible]	210	157	149	186	214	217	420	334	400	472	551	637
[illegible]	177	142	139	113	140	112	744	679	809	905	937	1,182
[illegible]	69	------	------	8	29	57	129	(4)	(4)	24	55	93
Montana	36	15	18	18	16	26	174	74	97	105	141	144
Nebraska	61	46	53	50	45	40	139	139	144	147	153	175
Nevada	8	7	10	11	7	15	37	22	12	23	65	53
New Hampshire	------	------	------	------	9	13	------	------	------	91	225	379
New Jersey	942	594	243	267	303	273	131	717	1,087	1,121	1,248	1,375
New Mexico	4	10	14	18	28	35	40	62	73	86	63	56
New York	575	509	540	550	505	538	2,402	1,498	1,821	2,652	2,581	2,775
North Carolina	112	102	72	97	124	125	654	721	722	808	755	960
North Dakota	7	25	34	31	31	37	26	97	151	110	112	129
Ohio	615	555	471	404	430	377	988	652	971	1,091	1,045	974
Oklahoma	------	59	110	181	187	87	------	1,184	1,547	1,329	1,415	1,646
Oregon	26	41	18	34	36	22	70	76	54	46	61	34
Pennsylvania	415	435	398	346	232	208	800	1,302	1,719	1,458	1,760	2,272
Rhode Island	4	8	9	12	9	10	22	31	53	61	76	86
South Carolina	------	1	11	24	33	54	------	69	374	61	343	533
South Dakota	17	14	12	15	20	25	154	114	69	77	94	134
Tennessee	51	166	124	147	86	173	387	729	677	1,344	1,046	1,140
Texas	------	------	12	54	132	152	------	------	144	431	995	911
Utah	33	34	33	42	40	40	60	73	102	137	118	165
Virginia	120	75	38	53	77	103	119	314	800	595	993	1,088
West Virginia	146	114	103	76	66	71	615	249	289	230	210	236
Wisconsin	235	174	193	161	180	185	754	899	1,006	1,260	1,493	1,839
Wyoming	15	2	28	50	60	68	13	158	139	125	195	243

[1] [illegible] ions.

[2] [illegible] reh [illegible] 1933, was as follows: Surveyed, rehabilitation plan not made, 8,901; 4,566; in employment, being followed up, 749.

[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. 125.—ENTRIES AND PATENTS OF PUBLIC AND INDIAN LAND: ACREAGE, YEARS ENDED JUNE 30

Class	1932			1933		
	Original entries	Perfected entries	Patented	Original entries	Perfected entries	Patented
Total	**4,551,774**	**1,333,327**	**[1] 2,109,209**	**3,117,781**	**980,156**	**[1] 1,955,703**
Homesteads	4,049,854	1,262,125	1,441,171	2,714,029	938,389	1,143,211
Section 2289, Revised Statutes [2]	265,574	100,812	132,607	199,198	82,180	107,572
June 17, 1902 (reclamation)	11,255	15,857	18,593	7,135	11,914	18,622
Apr. 28, 1904 (Kinkaid)	1,095	1,772	1,252	613	1,580	600
June 11, 1906 (forest)	5,201	7,757	11,862	5,746	6,254	7,719
Feb. 19, 1909 (enlarged)	202,727	138,604	177,214	123,600	100,443	123,245
June 9, 1916 (O. & C. land grant)	20,420	7,004		19,506	3,378	
Dec. 29, 1916 (stock raising)	3,543,582	990,319	1,099,643	2,358,231	732,640	885,453
Timber and stone		3,919	4,504		2,093	2,698
Desert land	15,598	17,494	23,542	10,111	12,443	13,204
Mineral land		10,836	39,681		8,647	18,596
Public auction		22,224	47,636		11,589	12,321
State selection	412,084			369,973		
Railroad selection	60,844		62,653	11,590		70,887
Miscellaneous	13,394	16,729	[1] 490,021	12,078	6,995	[1] 694,786

[1] Includes 211,231 acres in 1932 and 201,844 acres in 1933 certified to States.
[2] Original act.

No. 126.—ENTRIES OF PUBLIC AND INDIAN LAND: ACREAGE UNDER ALL ACTS, YEARS ENDED JUNE 30

Item and State	Original entries						Perfected entries, 1933	Patented, 1933
	1916–1920, total	1921–1925, total	1926–1930, total	1931	1932	1933		
Total	**73,192,850**	**40,619,290**	**20,611,977**	**5,218,627**	**4,551,774**	**3,117,781**	**980,156**	**[1] 1,955,703**
Public land	68,663,397	39,508,619	19,915,866	5,051,294	4,415,663	3,045,649	946,589	
Indian land	4,529,453	1,110,670	696,111	167,333	136,111	72,132	33,567	
All homesteads	61,312,782	36,188,601	19,072,070	4,924,046	4,049,854	2,714,029	938,389	1,143,211
Stock-raising homesteads	[2] 14,024,083	26,752,562	15,357,627	4,201,766	3,543,582	2,358,231	732,640	885,453
Other entries	11,880,068	4,430,689	1,539,907	294,581	501,920	403,752	41,767	[1] 812,492
Alabama	80,228	34,320	[3] 9,770	[4]				1,203
Alaska	99,153	51,332	34,552	6,730	10,989	9,416	6,908	6,187
Arizona	6,894,068	3,466,675	1,907,087	547,561	679,632	481,971	108,009	190,274
Arkansas	612,668	215,396	125,143	17,617	15,241	10,830	3,903	7,288
California	3,117,582	2,621,522	1,796,051	299,671	265,423	197,859	114,308	151,223
Colorado	10,108,447	5,084,809	2,071,887	463,538	373,900	254,511	80,790	149,153
Florida	188,097	171,867	88,010	4,486	2,463	2,616	1,223	8,958
Idaho	3,971,195	2,082,582	971,117	219,325	163,629	117,109	48,080	54,457
Kansas	436,717	46,015	[4]					320
Louisiana	67,005	21,702	[3] 5,732	[4]				4,984
Michigan	41,020	21,804	[4]					2,359
Minnesota	783,983	192,433	55,817	6,625	4,701	4,694	325	3,035
Mississippi	63,203	22,758	[4]					900
Missouri	4,789	160	[4]					328
Montana	14,785,405	4,903,929	2,071,313	417,940	359,661	244,117	86,308	364,526
Nebraska	494,289	128,302	63,267	8,706	4,984	3,818	4,162	7,872
Nevada	905,132	465,749	356,179	32,044	28,580	28,020	10,892	34,629
New Mexico	9,381,322	7,140,706	4,109,018	1,505,688	1,248,097	793,883	245,107	295,720
North Dakota	987,821	136,312	64,761	19,714	20,888	11,187	2,610	3,728
Oklahoma	192,220	87,242	[3] 25,871	[4]				843
Oregon	2,688,515	2,140,997	808,332	241,360	117,025	96,751	21,583	32,188
South Dakota	4,158,533	1,389,637	327,119	59,058	59,878	35,938	20,452	48,793
Utah	1,698,720	1,633,787	1,388,576	229,918	174,133	105,387	69,649	73,801
Washington	1,229,018	842,992	173,686	24,978	16,517	17,934	3,453	81,753
Wisconsin	21,033	10,712	[4]					547
Wyoming	10,182,685	7,704,901	4,121,206	1,103,566	994,781	680,910	144,931	228,261
General Land Office		660	37,483	10,102	11,252	20,830	7,463	529

[1] Includes 201,844 acres certified to States.
[2] 1918-20 only.
[3] 1926 and 1927 only.
[4] Office closed; entries, if any, subsequent to date of closing are made at the General Land Office.

Source of Tables 125 and 126: General Land Office, Department of the Interior.

No. 127.—HOMESTEADS: Acreage of Entries of Public Land, Years Ended June 30

Item and State	All homesteads							Stock raising only, 1933
	1911–1915, total	1916–1920, total	1921–1925, total	1926–1930, total	1931	1932	1933	
Original entries, total	**62, 214, 302**	**56, 783, 329**	**35, 079, 617**	**18, 380, 143**	**4, 757, 384**	**3, 914, 242**	**2, 641, 981**	**2, 297, 931**
Alabama	249, 902	79, 409	34, 139	[1] 9, 770	(2)			
Alaska	25, 342	115, 138	51, 012	33, 549	6, 570	10, 989	8, 277	
Arizona	1, 660, 665	1, 153, 864	1, 452, 551	[3] 1, 727, 167	442, 799	301, 628	185, 390	149, 468
Arkansas	949, 384	612, 668	215, 172	125, 002	17, 468	15, 174	10, 656	
California	2, 192, 577	2, 477, 967	2, 201, 327	1, 608, 383	278, 748	256, 451	187, 034	116, 771
Colorado	7, 740, 333	9, 166, 561	4, 368, 182	1, 528, 449	319, 938	254, 295	192, 467	169, 588
Florida	544, 376	187, 187	168, 086	86, 305	4, 475	2, 463	2, 616	
Idaho	4, 160, 456	3, 285, 340	1, 842, 656	927, 604	213, 899	162, 663	115, 855	102, 563
Kansas	355, 466	436, 088	46, 016	(2)				
Louisiana	85, 684	65, 117	14, 746	[1] 5, 732	(2)			
Michigan	76, 741	41, 020	21, 804	(2)				
Minnesota	392, 598	96, 656	47, 147	43, 410	1, 912	1, 586	1, 449	
[illegible]	[illegible]	[illegible]	22, 758	(2)				
[illegible]	[illegible]	[illegible]	160	(2)				
[illegible]	[illegible]	[illegible]	[3] 4, 528, 483	[3] 1, 866, 547	[3] 415, 420	[3] 350, 895	[3] 232, 957	218, 729
[illegible]	[illegible]	[illegible]	122, 985	63, 187	8, 706	4, 944	3, 818	3, 095
[illegible]	[illegible]	[illegible]	281, 532	214, 769	29, 314	25, 539	27, 445	21, 734
New Mexico	5, 204, 463	7, 500, 836	6, 765, 794	3, 623, 688	1, 432, 610	[3] 1, 152, 887	721, 579	648, 012
North Dakota	2, 129, 644	790, 023	128, 417	57, 256	17, 769	19, 928	10, 987	7, 334
Oklahoma	390, 896	138, 756	80, 546	[1] 25, 871	(2)			
Oregon	3, 138, 108	2, 599, 364	2, 118, 054	727, 910	177, 461	115, 292	95, 910	60, 794
South Dakota	2, 204, 050	2, 861, 849	1, 177, 594	276, 295	42, 613	51, 559	32, 370	30, 539
Utah	1, 587, 780	1, 305, 605	1, 456, 411	[3] 1, 260, 956	220, 404	173, 152	102, 247	91, 902
Washington	1, 124, 407	603, 091	288, 671	70, 088	18, 920	13, 803	13, 121	5, 969
Wisconsin	62, 629	19, 485	10, 071	(2)				
Wyoming	2, 928, 357	2, 976, 381	7, 634, 649	4, 064, 145	1, 098, 655	989, 835	677, 253	665, 304
General Land Office	40		660	34, 063	9, 705	11, 158	20, 550	6, 129
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	

PERFECTED HOMESTEAD ENTRIES, ENTIRE UNITED STATES [5]

Period or year [6]	All homesteads	Year	All homesteads	Year	All homesteads	Year	All homesteads	Stock-raising
[illegible]								

[1] 1926 and 1927 only.
[2] See note 4, Table 126.
[3] Includes entries of abandoned military reservations.
[4] 1918–1920 only.
[5] Commuted homesteads are not included.
[6] For periods figures are totals, not averages.

No. 128.—STOCK-RAISING HOMESTEADS: Original Entries of Public and Indian Land from Passage of Act to June 30, 1933

State	Entries	Acres	State	Entries	Acres
Total	**157, 234**	**66, 237, 891**	Nebraska	585	108, 313
			Nevada	911	484, 012
Arizona	5, 823	2, 788, 472	New Mexico	31, 999	14, 528, 424
Arkansas	4	1, 600	North Dakota	870	266, 744
California	8, 128	3, 287, 434	Oklahoma	366	71, 349
Colorado	20, 103	8, 020, 537	Oregon	7, 954	3, 227, 252
Idaho	7, 359	3, 332, 222	South Dakota	7, 704	2, 630, 510
Kansas	233	58, 506	Utah	4, 893	2, 662, 522
Michigan	5	1, 821	Washington	1, 571	503, 091
Minnesota	1	75	Wyoming	38, 232	16, 950, 808
Montana	20, 358	7, 296, 279	General Land Office	126	17, 920

Source of Tables 127 and 128: General Land Office, Department of the Interior.

No. 129.—TIMBER AND STONE, COAL, MINERAL, AND DESERT LAND ENTRIES OF PUBLIC LAND

State	From passage of act to June 30, 1933				Year ended June 30, 1933 [1]			
	Timber and stone	Coal	Desert land		Timber and stone	Mineral	Desert land	
			Original	Perfected			Original	Perfected
Acreage of entries	**13,850,381**	**604,443**	**32,813,943**	**8,654,561**	**2,093**	**8,603**	**10,029**	**9,082**
Alabama	43,734	239						
Alaska						2,083		
Arizona	2,943	6,693	2,589,050	367,601		184	1,558	836
Arkansas	365,573							
California	2,898,782	5,535	5,195,220	891,121	283	2,389	2,403	1,507
Colorado	401,807	[2] 216,609	3,227,662	713,474	65	209	162	593
Dakota Territory		584	20,021	300				
Florida	109,194							
Idaho	1,016,951	3,277	3,118,423	1,037,457	40	750	1,254	935
Iowa	119							
Louisiana	150,277							
Michigan	149,667							
Minnesota	1,409,175							
Mississippi	19,818							
Montana	664,125	64,758	5,982,669	2,768,666		468		310
Nebraska	97							
Nevada	6,542	1,661	654,532	165,047		976	260	600
New Mexico	153	26,613	2,159,730	232,855	73	264	160	160
North Dakota	8,646	9,624	85,279	20,094				
Oklahoma	40							
Oregon	3,817,697	10,572	1,115,706	298,923	360		800	641
South Dakota	63,909	3,624	609,291	101,921		5		
Utah	3,196	75,828	1,512,449	464,133		1,067	1,594	1,697
Washington	2,173,686	64,894	998,500	71,025	238	47	32	
Wisconsin	80,362							
Wyoming	456,746	113,924	5,545,402	1,521,945	835	162	1,805	1,802
General Land Office	7,141	8			200			
Number of entries	107,946	4,417	159,792	47,072	22	115	88	73
Money payment, dollars	35,590,046	11,922,602	7,897,020	8,762,686	6,531	32,864	2,508	9,082

[1] No entries for coal land in 1933. [2] Includes 58,496 acres within the Ute Reservation.

No. 130.—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	1930	1931	1932	1933
Railway grants, total	**4,711,489**	**5,878,674**	**6,186,079**	**[1] 1,124,880**	**[1] 73,272**	**[2] 49,579**	**62,345**	**77,273**
Alabama	40	120		[1] 399,469	[1] 8,832	[2] 1,118		
Arizona	337,533	1,163,775	3,451,578	188,829	34,416	14,184	5,795	44,400
Arkansas	80		227	221	120	67		
California	649,809	319,262	1,032,815	208,604	13,564	10,700	23,498	17,235
Colorado	240	160	14,482	160			7	
Florida	19,975		639	1,005	845	80		
Idaho	203,971	102,108	170,611			1,127	345	843
Iowa	11	80		73	73			
Kansas			40	19				
Louisiana	9,441	484		1,044	80			
Michigan	55			510	153			316
Minnesota	24,823	5,744	328	5,220	226		116	96
Missouri		240	600					
Montana	2,862,095	1,704,549	251,343	2,716	2,716	5,405	14,507	1,141
Nebraska			200	436			42	
Nevada	76,394	515,222	712,564	163,700	6,866	8,880	4,207	11,368
New Mexico	70,505	1,525,406	344,121	146,482	3,792	40	11,741	1,546
North Dakota	53,597	623	70					
Oregon	117,678	39,372	23,986	120		3,750		40
Utah	14,617	112,351	160	1,280	80	2,543		
Washington	257,955	381,113	166,283	2,979	623	1,144	1,807	208
Wisconsin	2,041	720	1,405	1,693	566	19		
Wyoming	10,629	7,344	14,624	320	320	521	282	80
Wagon-road grants	253,234	19,637	34,366	2,788	40	62,530		

[1] The 1930 figure includes 8,579 acres for Muscle Shoals (river improvement); the 1926–1930 total includes in addition to this amount 390,321 acres for years prior to 1930, which were not previously reported.
[2] Acreage shown for Alabama is for Muscle Shoals River Improvement.

Source of Tables 129 and 130: General Land Office, Department of the Interior.

No. 131.—ACREAGE OF LAND CERTIFIED OR PATENTED UNDER RAILWAY OR WAGON-ROAD GRANTS FROM 1850 TO JUNE 30, 1933

State grants, total	38, 206, 390
Illinois: Illinois Central	2, 595, 133
[illegible]	1, 075, 345
[illegible]	737, 130
[illegible]	199, 102
[illegible]	139, 113
Alabama, total	3, 147, 148
Mobile & Ohio	[1] 419, 528
Alabama & Florida	399, 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, 610
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	[3] 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	128, 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
[illegible]	8, 045, 965
[illegible] Pacific)	
Western R. R. (succeeded by St. Paul & Northern Pacific R. R. Co.)	[3] 3, 272, 721
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, 155, 512
Central Pacific	7, 464, 314
Central Pacific (Western Pacific)	462, 130
Central Pacific (California & Oregon)	3, 236, 487
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, 546, 251
Burlington & Missouri River in Nebraska	2, 374, 091
Sioux City & Pacific (Missouri Valley Land Co.)	42, 611
Northern Pacific	39, 064, 558
Oregon Central	128, 618
Oregon & California	2, 777, 632
New Orleans Pacific	1, 001, 943
Southern Pacific (main line)	4, 655, 011
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 [illegible] more and Mississippi less than they would appear to be entitled to in [illegible] the respective States.

[2] Includes 38,988 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. 132.—LAND GRANTS (INCLUDING SCRIP) TO STATES FOR EDUCATIONAL AND OTHER PURPOSES: ACREAGE TO JUNE 30, 1933

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, 095, 679**	**99, 188, 946**	**13, 714, 597**	**3, 223, 387**	**[1] 3, 344, 930**	**11, 469, 245**	**64, 827, 635**	**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, 539, 236	8, 093, 156	396, 080	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, 009	975, 307	90, 000	92, 160		500, 000	20, 317, 422	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, 686	988, 196	286, 080			500, 000	1, 196, 130	49, 280
Kansas	3, 606, 910	2, 907, 520	143, 762			500, 000		55, 628
Kentucky	352, 509		330, 000		22, 509			
Louisiana	11, 031, 047	807, 271	210, 212	46, 080		500, 000	9, 467, 484	
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, 462	2, 874, 951	212, 160			500, 000	4, 705, 479	80, 872
Mississippi	5, 020, 774	824, 213	302, 160	23, 040	23, 040	500, 000	3, 347, 068	1, 253
Missouri	5, 577, 223	1, 221, 813	330, 000	46, 080		500, 000	3, 430, 690	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, 353, 535	3, 399, 360	136, 080			500, 000	264, 213	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, 748	982, 329	332, 160			500, 000	3, 357, 510	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. 133.—RECEIPTS UNDER THE MINERAL LEASING ACT OF FEBRUARY 25, 1920: FROM THE PASSAGE OF THE ACT TO JUNE 30, 1933

State	Total	1921–1928, total	1929	1930	1931	1932	1933
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	[1] 86,975,126	68,328,906	3,884,879	4,736,288	3,531,655	3,236,978	3,256,440
Alabama	145,756	91,901	8,818	14,500	12,453	8,983	9,102
Arizona	304				101		203
California	22,903,036	17,333,531	644,191	1,009,373	870,454	1,402,264	1,643,223
Colorado	828,455	421,689	101,903	97,858	83,581	70,023	53,400
Idaho	23,741	5,742	2,996	2,851	6,093	4,834	1,225
Louisiana	52,991	23,064	12,118	3,886	3,532	5,578	4,813
Montana	1,962,834	1,521,756	113,188	109,479	91,597	69,099	57,716
Nevada	9,256	5,120	730	830	80	2,256	240
New Mexico	654,059	70,004	45,273	118,148	163,433	118,108	139,093
North Dakota	209,174	75,026	30,411	23,721	22,028	23,871	33,516
Oregon	21					21	
South Dakota	2,191	601	40	130	560	362	498
Utah	680,322	257,719	88,887	81,502	87,813	84,545	79,857
Washington	53,754	25,401	452	1,531	4,908	11,924	9,537
Wyoming	59,449,232	48,495,351	2,835,871	3,274,459	2,184,423	1,435,110	1,224,017

[1] This total consists of "future" production, $74,882,404; "past" production, $6,452,758; and production from naval petroleum reserves, $5,639,964.

No. 134.—ACREAGE OF PUBLIC LAND WITHDRAWN FROM SETTLEMENT AND RESTORATIONS THEREFROM

NOTE.—These figures cover wit[illegible] only. They do not include national forests (see tables ir[illegible] national parks, withdrawals under the reclamation act, or [illegible]

	Coal land	Oil land	Phosphate land	Potash land	Power-site reserve[1]	Reservoir sites	Public water reserve
Withdrawals outstanding June 30—							
1925	31,442,263	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	5,183,096	2,005,045	9,411,939	5,079,487	254,050	405,231
1930	29,825,446	5,183,096	2,004,765	9,411,939	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	29,676,854	5,259,426	2,004,765	9,411,906	4,949,421	254,010	437,229
1933	28,255,604	5,259,426	2,004,765	9,411,906	4,910,683	254,010	471,401
Alabama					1,789		
Alaska	28,366				216,554		17
Arizona	139,415	356			1,139,539		22,665
Arkansas					24,833		
California	17,603	1,269,912		90,324	616,121	45,226	209,683
Colorado	4,142,233	217,304			424,405		10,258
Florida			66,796				
Idaho	4,761		391,532		402,707		18,262
Louisiana		466,990					
Michigan					1,240		
Minnesota					12,309		
Montana	6,442,691	1,336,929	279,944		169,636	9,080	10,376
Nebraska					761		
Nevada	83,673			39,422	60,251		17,006
New Mexico	5,081,689			9,282,160	245,370		10,006
North Dakota	5,954,364	84,894					
Oregon	4,361				652,595	18,603	34,182
South Dakota							240
Utah	3,404,043	1,341,264	277,344		588,044	26,040	43,121
Washington	691,801				252,483	36,327	960
Wyoming	2,260,604	541,777	989,149		92,046	118,734	94,625
New withdrawals during year ended June 30—							
1930	206				81,829		16,513
1931	17,280	91,520			20,042		10,480
1932	10,880				36,687		9,855
1933					3,560		37,784
Restorations of land previously withdrawn, year ended June 30—							
1930	58,126		280		42,374		2,405
1931	176,752	15,190		33	61,452	40	2,045
1932					164,798		400
1933	1,421,250				42,298		3,612

[1] Includes [illegible] 1910, power-site designations under acts of June 20, 1910, and June 9, [illegible] under act of Mar. 3, 1879.

Source of Tables 133 and 134: General Land Office, Department of the Interior.

No. 135.—PUBLIC LAND: ACRES UNAPPROPRIATED AND UNRESERVED, JUNE 30

State	1890	1900	1910	1920	1930	1932	1933
Total	[1] 586,216,861	[1] 557,643,120	343,971,674	200,320,128	178,979,446	173,318,246	172,084,580
Alabama	1,105,060						
Arizona	49,699,052						
Arkansas	4,902,329						
California	53,922,718						
Colorado	39,994,446						
Florida	5,624,426						
Idaho	46,957,290						
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	1,563,302	256,297	189,845	269,451	[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	6,238,429	6,176,931
Nebraska	11,226,584	9,798,688	1,879,486	66,844	22,628	20,225	[2]
Nevada	50,804,540	61,277,506	56,474,688	54,267,175	51,454,493	51,221,934	51,270,277
New Mexico	66,360,326	66,541,170	36,454,692	18,448,878	15,664,121	13,615,150	13,078,285
North Dakota	30,497,400	18,725,239	1,410,225	81,044	146,505	142,694	146,301
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	13,069,136	12,920,334	13,012,158
South Dakota	10,241,498	11,930,809	4,562,804	288,472	439,880	419,270	516,680
Utah	36,205,100	42,967,451	35,955,554	29,991,715	23,881,445	25,197,820	25,011,021
Washington	19,646,316	11,125,883	3,196,059	1,086,686	920,584	708,363	709,646
Wisconsin	819,320	313,565	14,460	5,154	[2]		
Wyoming	49,010,060	48,358,169	34,575,159	19,679,595	15,929,460	14,728,953	14,327,024

[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. 136.—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	1933	1900	1910	1920	1930	1933
Total	121,665	64,135	55,792	50,151	74,060	270,544	304,950	336,337	340,541	320,454
Arizona	23,673	30,242	34,195	31,881	27,686	40,189	38,475	42,400	47,072	[2] 43,927
California	635	567	690	774	987	11,431	20,976	16,241	19,197	19,304
Colorado	-------	756	619	619	680	995	815	796	813	819
Florida	-------	37	42	42	42	575	358	454	578	568
Idaho	2,132	750	87	90	780	3,557	3,988	4,048	3,890	4,202
Kansas	44	1	-------	2	58	1,211	1,385	1,466	1,602	1,810
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	14,922
Montana	14,845	8,682	5,538	1,183	8,444	10,076	10,766	12,374	14,238	14,983
Nebraska	117	11	10	12	104	3,854	3,784	2,461	4,358	4,446
Nevada	1,491	1,073	1,135	1,300	1,324	8,321	6,192	5,900	4,975	5,083
New Mexico	2,606	2,889	3,278	5,524	8,141	9,480	18,837	21,530	28,113	[2] 34,196
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	8,268	3,194	3,247
North Dakota	5,784	2,031	156	2	4,794	8,276	8,256	9,018	10,793	9,911
Oklahoma [5]	41,246	4,695	5	60	3,586	[6] 100,191	[6] 117,088	[6] 119,255	[6] 121,884	[6] 94,707
Oregon	2,031	1,995	1,860	1,756	2,337	4,063	3,477	6,629	4,518	4,609
South Dakota	14,050	4,554	568	382	6,780	19,212	20,303	23,010	23,726	26,558
Texas	-------	-------	-------	5	5	290	470	702	250	250
Utah	3,186	280	526	532	2,537	2,115	1,697	3,057	1,591	1,785
Washington	3,646	3,790	2,655	1,330	2,724	9,827	9,625	11,114	12,572	13,200
Wisconsin	595	477	424	428	656	10,726	10,303	10,319	11,705	11,959
Wyoming	2,828	149	2,899	3,120	1,123	1,642	1,701	1,748	2,014	2,115
Miscellaneous	4	5	5	5	9	1,234	1,100	8,924	2,054	2,138

[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 [illegible] may be carried on the rolls because of tribal or inheritance rights and reside elsewhere. [illegible] reservation Indians are included. [illegible] no longer under the jurisdiction [illegible] Office are not included (see also [illegible] and 1933 are as of Apr. 1.
[2] Prior to 1933 the entire population of the Souther[illegible] s reported under Arizona. In 1933 the [illegible] ico was [illegible] 1927. [illegible] tory for 1900.
[6] Figures [illegible] Tribes as follows: 1900, 84,570; 1910, 101,278; 1920 and 1930, 101,506 (final role of Mar. 4, 1907), including 23,405 freedmen and 2,582 intermarried whites. The 1933 figure includes 72,643 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.

7. CLIMATE

No. 137.—CLIMATIC CONDITIONS: SELECTED CITIES IN THE UNITED STATES

NOTE.—The table [illegible] the more important facts concerning the weather at a number of points in [illegible] with a view to covering all the important climatic sections and including at least [illegible] ude the entire period of observations to Dec. [illegible] riods ranging from 20 to [illegible] ieville, Hartford, Miami, [illegible], all monthly averages of [illegible] 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	57.7	60.7	67.7	75.5	83.2	89.7	90.9	89.8	86.4	76.4	66.1	58.6	76.2
Daily mean minimum	40.0	42.5	48.1	55.1	63.0	70.1	72.4	71.8	67.5	56.2	46.1	41.0	56.2
Highest on record	80	84	90	92	99	106	107	103	106	96	85	81	107
[illegible]	5	−5	20	30	43	48	61	58	45	31	18	8	−5
[illegible]	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
	11	10	10	8	9	11	12	11	8	6	7	10	113
	0.2	0.3	(1)	(2)	0	0	0	0	0	0	(1)	0.3	0.8
[illegible] shine	51	53	61	68	70	71	64	67	67	68	63	45	62
	9	9	12	12	13	9	8	9	13	16	14	10	134
[illegible]	7.5	8.1	8.3	7.6	6.7	6.3	6.0	5.7	6.3	6.5	6.8	7.2	6.9
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	64.9	68.9	74.3	82.0	90.2	101.0	103.0	101.2	97.0	86.1	74.6	65.2	84.0
Daily mean minimum	38.5	43.0	46.7	52.5	59.6	68.9	76.9	75.6	68.7	55.9	45.2	38.6	55.8
Highest on record	84	92	95	103	114	118	118	115	112	105	96	80	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	75	79	82	87	92	93	82	84	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	6.2	6.2	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	53.7	62.4	72.0	79.0	86.9	90.1	89.1	83.9	73.4	61.4	52.2	71.2
[illegible]	34.0	36.3	44.0	53.1	60.8	68.7	72.0	70.8	65.3	53.8	43.2	36.1	53.2
[illegible] record	73	87	90	94	96	102	108	105	104	93	84	78	108
	−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
[illegible]	10	9	10	10	10	10	9	9	7	6	8	9	107
[illegible] shine	2.0	1.3	0.5	(1)	0	0	0	0	0	(1)	0.2	1.1	5.1
Number of clear days	48	53	57	62	66	72	71	72	71	69	57	47	62
Hourly wind velocity, miles	10	10	11	11	11	11	12	14	14	16	13	11	144
	8.1	8.8	9.4	8.8	7.5	6.4	6.0	5.6	5.9	6.4	7.4	7.9	7.4
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	66.2	73.8	81.4	91.1	99.2	97.4	89.0	78.5	66.6	54.7	76.1
Daily mean minimum	38.0	41.6	44.5	47.8	52.9	59.4	64.9	63.5	57.9	51.0	43.3	38.1	50.2
[illegible]	73	84	87	101	110	112	115	113	111	100	86	76	115
[illegible] 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	8	7	7	4	2	1	(2)	(2)	1	2	4	7	43
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	82	87	94	97	96	92	87	73	48	78
Number of clear days	8	12	14	18	22	25	28	29	25	23	17	10	231
Hourly wind velocity, miles	4.5	4.9	5.8	6.9	8.0	8.4	7.6	6.9	6.0	4.8	4.1	4.1	6.0

[1] Trace.

[2] Less than 1 day.

No. 137.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
CALIFORNIA, LOS ANGELES													
Temperature:													
Monthly mean	54.6	55.5	57.5	59.4	62.2	66.4	70.2	71.1	69.0	65.3	60.9	56.6	62.4
Daily mean maximum	64.6	65.5	67.3	69.5	71.6	76.5	81.2	82.0	80.4	76.2	72.7	66.6	72.8
Daily mean minimum	45.6	46.7	48.5	50.4	53.2	56.5	59.7	60.5	58.4	54.7	50.7	47.2	52.7
Highest on record	90	92	99	100	103	105	109	106	108	102	96	89	109
Lowest on record	28	28	31	36	40	46	49	49	44	40	34	30	28
Precipitation:													
Total, inches	3.10	3.07	2.78	1.04	0.45	0.08	0.01	0.02	0.17	0.68	1.20	2.63	15.23
[illegible]	7	6	6	4	2	1	(2)	(2)	1	2	3	6	38
[illegible]	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)	(1)
Percentage of possible sunshine	69	69	68	68	63	70	78	79	77	76	79	73	72
Number of clear days	15	12	13	12	11	13	16	18	17	17	18	17	179
Hourly wind velocity, miles	6.2	6.4	6.5	6.4	6.3	6.1	5.9	5.8	5.7	5.7	5.9	6.2	6.1
CALIFORNIA, SAN DIEGO													
Temperature:													
Monthly mean	54.3	55.1	56.7	58.5	60.8	63.9	67.2	68.7	67.1	63.7	59.7	56.0	61.0
Daily mean maximum	62.4	62.9	64.0	65.2	66.2	69.2	72.5	73.9	72.9	70.4	68.3	64.3	67.7
Daily mean minimum	46.5	47.9	49.9	52.6	55.8	58.9	62.4	63.8	61.4	56.8	51.7	48.1	54.6
Highest on record	85	89	99	96	98	96	100	93	110	96	93	84	110
Lowest on record	25	34	36	39	45	50	54	54	50	44	36	32	25
Precipitation:													
Total, inches	2.06	2.03	1.72	0.77	0.35	0.05	0.03	0.04	0.08	0.54	0.76	1.87	10.30
Days with 0.01 inch or more	7	7	7	4	3	1	1	1	1	3	4	6	45
Total snowfall, inches	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine	68	67	67	68	59	62	68	71	72	72	77	72	69
Number of clear days	15	13	14	14	12	13	17	18	18	18	18	17	187
Hourly wind velocity, miles	6.2	6.7	7.1	7.3	7.3	7.0	6.8	6.7	6.7	6.3	6.1	6.1	6.7
CALIFORNIA, SAN FRANCISCO													
Temperature:													
Monthly mean	49.9	52.2	54.2	55.0	56.8	58.5	58.5	59.1	60.9	60.5	56.3	51.3	56.1
Daily mean maximum	54.9	58.2	60.6	62.1	63.2	65.5	65.0	65.2	68.2	67.6	62.8	56.1	62.4
Daily mean minimum	44.7	47.0	48.1	49.2	50.5	52.0	52.7	53.3	54.6	53.6	50.6	46.2	50.2
Highest on record	78	80	86	89	97	100	99	92	101	96	83	74	101
Lowest on record	29	33	33	40	42	46	47	46	47	45	38	27	27
Precipitation:													
Total, inches	4.54	3.85	3.14	1.61	0.80	0.18	0.02	0.01	0.45	1.12	2.35	3.95	22.02
Days with 0.01 inch or more	11	10	8	6	4	2	(2)	(2)	2	4	7	11	65
Total snowfall, inches	(1)	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)
Percentage of possible sunshine	53	56	63	71	70	76	69	63	70	70	62	56	65
Number of clear days	11	11	12	14	15	17	15	13	16	17	14	11	166
Hourly wind velocity, miles	7.7	7.9	8.8	9.8	10.7	11.4	11.7	11.1	9.6	8.0	7.2	7.5	9.3
COLORADO, DENVER													
Temperature:													
Monthly mean	29.8	32.7	39.3	47.1	56.2	66.3	72.2	70.7	62.9	51.2	39.8	32.3	50.0
Daily mean maximum	42.7	44.7	51.2	59.6	68.8	80.2	85.4	84.1	76.5	64.4	52.5	44.1	62.8
Daily mean minimum	18.0	20.8	26.9	35.2	44.2	53.2	59.0	57.8	48.9	37.8	27.4	19.9	37.4
Highest on record	76	77	82	86	92	99	102	105	97	90	79	74	105
Lowest on record	−29	−22	−11	4	19	32	42	40	21	−2	−18	−26	−29
Precipitation:													
Total, inches	0.40	0.53	1.04	2.06	2.21	1.38	1.68	1.43	0.99	1.05	0.55	0.73	14.05
Days with 0.01 inch or more	4	6	8	9	10	7	9	9	6	6	5	5	84
Total snowfall, inches	4.8	7.7	10.8	9.7	2.1	(1)	0	0	0.5	4.7	6.4	9.3	56.0
Percentage of possible sunshine	67	67	64	63	61	69	67	67	70	70	67	65	66
Number of clear days	15	12	11	9	8	12	11	11	15	16	15	15	150
Hourly wind velocity, miles	7.6	7.6	8.1	8.3	7.7	7.3	6.8	6.5	6.6	7.0	7.2	7.2	7.3
CONNECTICUT, HARTFORD													
Temperature:													
Monthly mean	28.1	27.3	37.2	47.6	58.6	67.2	72.8	70.4	63.9	53.6	42.1	31.4	50.0
Daily mean maximum	36.0	35.5	45.5	56.9	68.6	77.2	82.3	80.0	73.5	63.2	49.7	38.2	58.9
Daily mean minimum	20.8	19.5	28.7	38.2	48.7	57.4	63.1	61.0	54.4	44.0	34.2	24.3	41.2
Highest on record	70	69	82	90	94	98	101	100	95	91	77	67	101
Lowest on record	−12	−14	4	11	32	40	48	43	32	25	6	−18	−18
Precipitation:													
Total, inches	3.94	3.83	3.90	3.36	3.60	3.08	4.37	4.29	3.49	3.52	3.55	3.97	44.90
[illegible]	12	10	11	12	12	11	11	10	9	9	10	10	127
[illegible]	9.4	12.3	5.5	1.6	(1)	0	0	0	0	(1)	1.1	7.3	37.2
Percentage of possible sunshine	44	53	55	52	54	56	56	55	54	52	46	43	52
Number of clear days	9	10	11	9	10	10	9	10	11	12	8	8	117
Hourly wind velocity, miles	8.0	8.1	8.7	8.7	7.9	7.1	6.9	6.4	6.2	6.9	7.7	7.5	7.5

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

No. 137.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DELAWARE, WILMINGTON													
Temperature:													
Monthly mean	33.1	32.9	42.3	52.4	63.0	71.4	76.3	74.1	68.3	56.9	45.5	35.2	54.3
Daily mean maximum	40.5	40.8	51.4	62.8	73.6	81.8	85.8	83.3	77.6	66.2	53.5	42.4	63.3
Daily mean minimum	25.5	25.1	32.9	42.1	52.5	61.1	66.8	64.8	58.9	47.7	37.4	28.0	45.2
Highest on record	71	78	80	97	98	102	106	107	98	90	78	70	107
Lowest on record	−10	−12	6	11	31	41	49	47	33	25	11	−7	−12
Precipitation:													
Total, inches	3.43	3.27	3.53	3.47	3.57	3.83	5.01	4.87	3.48	3.12	2.87	3.56	44.01
Days with 0.01 inch or more	9	8	10	9	10	9	9	10	7	6	7	9	103
Total snowfall, inches	6.1	6.2	3.3	1.1	0	0	0	0	0	0.1	0.4	4.4	21.6
Number of clear days	14	14	16	15	16	17	17	16	17	18	15	14	189
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	42.1	43.8	52.1	63.5	74.4	82.3	86.5	84.0	78.3	67.0	54.3	44.4	64.4
Daily mean minimum	26.5	27.4	34.2	43.6	54.0	62.8	67.6	65.6	59.2	47.3	37.1	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	6.3	5.9	3.9	0.5	(1)	0	0	0	0	(1)	0.7	3.4	20.7
Percentage of possible sunshine	47	54	56	58	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	5.6	5.2	4.9	5.1	5.7	6.5	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	66.8	71.8	77.3	83.3	87.9	89.9	89.3	85.5	78.2	70.8	65.3	77.6
Daily mean minimum	47.3	49.3	54.0	59.8	66.4	71.8	73.9	73.7	71.5	63.5	54.1	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	9	7	8	121
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	62	59	63	53	63
Number of clear days	11	10	13	13	12	8	8	8	10	12	13	11	129
Hourly wind velocity, miles	9.2	9.5	9.8	9.7	9.2	8.9	8.7	8.4	8.7	9.3	9.0	9.0	9.1
FLORIDA, MIAMI													
Temperature:													
Monthly mean	67.6	68.1	70.1	73.8	77.4	80.3	81.7	82.0	81.0	77.7	72.6	68.8	75.1
Daily mean maximum	74.3	75.0	76.6	79.6	82.6	85.4	87.1	87.4	86.1	82.8	77.5	75.5	80.8
Daily mean minimum	62.2	61.6	63.6	67.7	71.3	74.6	76.0	76.5	75.6	72.7	66.4	63.3	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	32	27
Precipitation:													
Total, inches	2.52	1.83	2.17	3.00	6.22	6.86	5.42	6.17	8.34	8.44	2.91	1.69	55.66
Days with 0.01 inch or more	9	6	7	8	12	12	15	15	18	16	10	7	135
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	63	65	67	67
Number of clear days	9	11	12	10	7	5	5	6	5	7	9	10	96
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	89.3	89.6	88.2	82.5	75.9	70.8	80.7
Daily mean minimum	52.2	53.7	57.7	61.9	67.5	71.9	73.7	73.8	72.3	66.2	58.2	53.3	63.5
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	8.4	8.3	7.7	7.2	6.8	6.7	7.4	8.2	7.9	7.7	7.7

[1] Trace.

No. 137.—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	51.1	54.1	61.6	70.3	78.4	85.1	87.0	85.7	81.6	71.4	60.4	52.4	69.9
Daily mean minimum	36.4	37.4	43.5	51.6	60.0	67.1	69.7	68.9	64.6	53.8	43.7	37.1	52.7
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
D[illegible]	12	11	11	10	10	11	13	12	8	7	8	11	124
T[illegible]	1.0	0.8	0.2	0.1	0	0	0	0	0	(1)	(1)	0.5	2.6
Per[illegible] shine	48	53	57	65	68	68	62	61	65	66	61	48	60
Number of clear days	10	9	12	12	11	10	8	9	13	16	13	10	133
Hourly wind velocity, miles	11.7	12.0	11.8	10.9	9.7	8.8	8.5	8.1	8.9	10.1	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	37.0	43.1	52.7	62.3	70.4	79.6	89.6	87.9	76.2	63.9	50.0	39.6	62.7
Daily mean minimum	21.6	26.4	32.8	38.4	44.8	51.3	57.7	56.4	47.2	39.1	31.0	24.5	39.3
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	13	11	10	8	7	6	2	2	4	6	9	11	89
Total snowfall, inches	8.4	5.4	2.9	0.8	(1)	(1)	0	0	0	0.1	1.4	5.7	24.7
Percentage of possible sunshine	37	52	59	67	72	79	93	86	78	68	51	41	65
Number of clear days	5	6	8	9	10	14	21	21	18	14	9	6	141
Hourly wind velocity, miles	5.7	6.1	6.9	7.0	6.9	6.3	5.9	5.6	5.6	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	30.8	33.5	42.8	54.7	65.4	75.6	80.4	79.0	73.3	61.7	46.9	35.2	56.6
Daily mean minimum	17.0	19.9	28.9	39.5	48.9	59.2	65.0	64.0	57.2	45.9	33.3	22.8	41.8
Highest on record	65	68	81	90	94	100	103	102	98	87	77	68	103
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	12	11	9	9	9	9	10	11	124
Total snowfall, inches	9.1	8.7	6.1	0.9	(1)	0	0	0	0	0.1	1.7	6.6	33.2
Percentage of possible sunshine	45	50	53	58	63	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	12.8	11.2	10.4	9.8	9.7	10.3	11.0	12.3	12.0	11.5
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	36.2	38.7	48.6	61.3	72.1	81.3	85.6	83.3	76.8	64.5	49.8	39.1	61.4
Daily mean minimum	21.5	23.4	32.0	43.2	53.4	62.7	66.6	64.4	57.8	46.4	34.6	25.5	44.3
Highest on record	70	73	84	90	96	100	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	6.3	4.8	3.7	0.7	0.1	0	0	0	0	0.1	1.3	4.6	21.6
Percentage of possible sunshine	43	48	48	55	61	67	72	67	67	61	50	40	57
Number of clear days	6	6	6	8	9	8	11	11	12	12	8	6	103
Hourly wind velocity, miles	11.6	11.6	12.1	11.8	10.6	9.5	8.8	8.4	9.2	10.0	11.2	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	29.9	33.7	45.8	60.7	71.5	80.6	86.0	83.7	75.8	63.7	47.6	34.2	59.4
Daily mean minimum	12.1	15.5	27.3	40.5	51.1	61.0	65.3	63.0	55.1	43.2	29.5	18.0	40.1
Highest on record	65	78	88	92	98	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	7.0	5.5	1.1	(1)	0	0	0	0	0.3	2.2	7.2	31.9
Percentage of possible sunshine	55	58	57	59	62	67	73	69	63	62	54	50	61
Number of clear days	10	9	8	8	8	8	12	13	12	13	10	9	120
Hourly wind velocity, miles	7.9	8.4	9.1	9.4	8.4	7.3	6.4	6.0	6.9	7.4	7.9	7.7	7.7

[1] Trace.

No. 137.—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	41.5	46.1	56.1	67.0	75.2	85.2	90.4	89.2	82.0	69.4	55.9	44.6	66.9
Daily mean minimum	17.6	21.0	29.0	40.9	51.0	60.9	65.8	64.6	56.4	43.2	29.7	21.0	41.8
Highest on record	79	84	98	95	101	107	108	105	103	94	86	79	108
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	8	6	5	4	4	76
Total snowfall, inches	3.4	5.2	4.3	1.0	(1)	0	0	0	0	0.3	1.5	3.1	18.8
Percentage of possible sunshine	67	68	68	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	9.9	10.6	12.4	13.3	12.5	11.9	10.6	10.0	11.0	10.8	10.0	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	42.6	45.3	54.5	65.8	75.8	84.2	88.1	86.3	80.5	68.7	54.8	44.9	66.0
Daily mean minimum	27.1	28.8	36.7	46.7	56.4	65.3	69.0	67.3	61.0	49.1	38.7	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	10	11	124
Total snowfall, inches	4.3	3.8	2.1	0.2	(1)	0	0	0	0	0.1	0.4	2.9	13.8
Percentage of possible sunshine	43	49	52	58	62	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	9.8	10.1	10.8	9.9	8.5	7.6	6.9	6.6	7.1	7.8	9.2	9.4	8.6
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	83.0	87.9	89.4	89.3	86.2	78.3	71.2	63.4	77.0
Daily mean minimum	47.2	49.9	55.1	61.3	67.7	73.7	75.5	75.6	72.9	64.0	54.5	48.4	62.2
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
D[illegible]	10	9	9	7	9	13	15	14	10	7	7	11	121
	0.1	0.2	(1)	0	0	0	0	0	0	0	0	(1)	0.3
P[illegible] shine	49	50	57	63	67	63	57	57	64	67	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	9.1	8.6	8.1	7.1	6.6	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	30.6	31.4	39.6	50.4	61.2	70.8	76.1	74.0	67.7	57.3	45.1	34.1	53.2
Daily mean minimum	15.3	15.9	25.3	35.3	45.5	54.1	60.0	58.7	54.2	42.4	31.8	20.5	38.2
Highest on record	65	58	79	89	94	96	103	98	96	85	74	65	103
Lowest on record	−18	−17	−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	13	11	12	11	12	11	12	11	10	10	11	12	136
[illegible]	18.7	19.8	12.0	4.8	(1)	0	0	0	(1)	(1)	4.3	12.4	72.0
[illegible] shine	53	58	59	55	58	61	64	63	61	56	48	50	57
Number of clear days	10	11	10	10	10	12	11	11	12	11	10	10	128
Hourly wind velocity, miles	8.9	9.1	9.6	9.3	8.7	7.8	7.4	7.0	7.6	8.2	8.9	8.8	8.4
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	41.6	42.8	50.9	62.1	73.2	81.7	86.0	83.4	77.5	66.3	53.9	44.0	63.6
Daily mean minimum	27.8	28.4	34.9	44.6	55.3	64.2	69.2	67.2	61.1	49.5	39.2	30.7	47.7
Highest on record	79	83	88	94	98	101	104	105	101	92	82	73	105
Lowest on record	−6	−7	5	15	34	46	54	51	39	30	12	−3	−7
[illegible]	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
[illegible]	11	11	12	11	11	11	11	11	8	8	9	11	125
[illegible]	6.3	6.4	4.5	0.8	(1)	0	0	0	0	0.1	0.6	4.0	22.7
[illegible] shine	48	56	58	60	60	63	65	62	65	63	54	49	59
Number of clear days	9	9	10	10	10	9	10	10	12	13	10	9	121
Hourly wind velocity, miles	7.5	8.0	8.4	8.3	7.5	7.2	7.0	6.7	6.8	7.1	7.3	7.5	7.4

[1] Trace.

No. 137.—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	−11	−8	11	31	42	46	47	34	25	−2	−17	−17
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	11.7	12.5	7.6	2.3	(1)	0	0	0	0	(1)	1.6	8.1	43.8
Percentage of possible sunshine	49	58	57	58	59	63	64	63	62	56	48	48	57
Number of clear days	9	10	10	9	9	10	9	11	12	11	9	9	118
Hourly wind velocity, miles	11.2	11.5	11.7	10.9	10.0	9.5	9.1	8.8	9.3	10.0	10.8	11.0	10.3
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	31.4	32.2	41.4	54.8	67.0	76.5	81.6	79.1	72.4	60.0	45.6	35.1	56.4
Daily mean minimum	18.6	18.5	26.5	37.5	48.6	58.5	63.6	61.8	55.8	44.6	33.2	23.6	40.9
Highest on record	66	65	81	88	95	100	101	104	97	88	75	65	104
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	10.7	9.6	7.5	1.9	0.2	0	0	0	0	0.1	2.6	9.1	41.7
Percentage of possible sunshine	36	41	47	51	58	65	68	65	60	52	35	27	50
Number of clear days	5	5	7	9	9	10	12	12	11	10	6	4	101
Hourly wind velocity, miles	12.8	10.7	12.6	11.9	9.5	9.4	8.8	8.1	9.5	9.7	11.6	10.5	10.4
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	22.2	25.0	38.2	55.7	67.4	77.2	82.2	79.7	71.6	58.2	40.4	26.8	53.7
Daily mean minimum	5.4	8.1	21.7	36.7	47.7	58.3	62.8	60.3	52.7	40.7	25.6	12.2	36.0
Highest on record	52	64	83	86	99	102	104	100	104	90	77	56	104
Lowest on record	−33	−33	−17	9	22	36	44	42	28	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	10	12	11	9	9	9	9	7	8	107
Total snowfall, inches	9.5	7.9	8.1	3.7	0.2	0	0	0	(1)	0.6	4.2	7.4	41.6
Percentage of possible sunshine	49	53	57	58	59	64	71	69	57	49	39	40	55
Number of clear days	8	9	9	9	8	8	10	11	11	10	7	8	108
Hourly wind velocity, miles	11.3	11.2	12.1	12.3	11.7	10.5	10.1	10.0	11.1	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	60.3	67.8	74.9	81.8	88.3	90.1	89.8	86.0	76.4	66.3	58.6	74.8
Daily mean minimum	40.4	42.9	49.4	56.4	63.4	70.1	72.5	71.9	67.3	56.8	47.4	41.9	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	0.1	0	0	0	0	0	0	0	(1)	0.3	1.6
Percentage of possible sunshine	47	51	59	66	71	74	70	71	75	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	6.2	6.0	6.4	6.7	7.4	8.0	7.3
MISSOURI, ST. LOUIS													
Temperature:													
Monthly mean	30.8	34.5	43.8	55.8	66.9	74.8	78.6	77.3	70.1	58.3	45.1	34.7	55.9
Daily mean maximum	38.7	43.0	52.9	65.1	75.9	83.6	87.4	86.4	79.5	67.5	53.5	42.5	64.7
Daily mean minimum	23.4	26.6	35.3	47.0	58.2	66.4	70.2	68.6	61.5	50.1	37.3	27.3	47.7
Highest on record	74	84	92	93	94	102	108	106	103	91	82	75	108
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	46	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.

No. 137.—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	28.7	32.4	41.8	54.0	62.3	71.4	80.5	79.2	67.2	55.4	41.5	32.4	53.9
Daily mean minimum	12.4	15.2	23.4	33.3	41.0	48.4	54.3	53.2	44.1	35.4	24.6	16.9	33.5
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	0.89	0.74	0.78	13.63
Days with 0.01 inch or more	9	8	8	9	11	12	8	6	7	6	7	8	99
Total snowfall, inches	10.5	8.2	9.2	6.0	2.1	(1)	(1)	(1)	0.8	4.2	7.0	8.8	56.8
Percentage of possible sunshine	44	52	58	59	57	63	76	72	61	56	48	42	57
Number of clear days	6	6	7	7	6	8	15	15	12	10	7	6	105
Hourly wind velocity, miles	7.4	7.7	8.4	8.7	8.6	8.4	8.1	7.8	7.9	7.8	7.5	7.3	8.0
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	30.8	35.2	46.8	61.6	71.9	81.5	86.6	84.3	76.4	64.4	48.0	35.3	60.2
Daily mean minimum	13.5	17.1	28.0	41.6	52.6	62.4	67.3	65.2	56.6	44.6	30.2	19.3	41.5
Highest on record	67	78	91	94	99	107	109	111	102	92	80	71	111
Lowest on record	−32	−26	−8	6	26	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
[illegible]	6	6	7	10	12	11	9	9	9	7	5	7	98
[illegible]	6.0	6.2	5.9	0.7	(1)	0	0	0	0	0.5	2.4	5.2	26.9
[illegible] shine	57	59	58	60	63	69	75	69	65	63	56	52	62
Number of clear days	11	10	9	9	9	10	14	13	14	14	11	10	134
Hourly wind velocity, miles	9.3	9.7	10.2	10.1	9.3	8.3	7.6	7.4	8.2	8.7	9.2	9.0	8.9
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	42.4	47.5	53.7	61.2	68.2	78.4	87.8	86.2	77.1	66.6	55.2	44.3	64.0
Daily mean minimum	20.7	24.6	29.0	33.9	40.4	46.9	53.0	51.6	44.2	35.7	28.0	22.3	35.9
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	7.63
Days with 0.01 inch or more	7	6	6	4	4	2	2	2	3	3	4	6	49
Total snowfall, inches	10.3	6.3	5.5	1.4	0.7	0	0	0	(1)	0.4	1.2	5.0	30.8
Percentage of possible sunshine	59	65	72	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	7.7	8.5	8.2	8.1	7.5	7.2	6.9	6.2	6.1	5.8	7.1
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	33.6	40.9	55.8	68.7	76.8	81.7	78.0	70.9	59.9	46.3	34.7	56.6
Daily mean minimum	11.7	12.4	22.5	33.4	44.7	53.2	58.7	56.2	49.0	38.5	28.3	17.0	35.5
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
[illegible]	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
[illegible]	10	9	10	10	11	10	10	11	10	9	10	10	120
[illegible]	15.2	17.1	8.9	5.3	0.1	(1)	0	0	(1)	0.1	4.1	10.7	61.5
Percentage of possible sunshine	49	55	59	54	55	59	57	57	55	50	44	44	53
Number of clear days	12	13	14	12	13	13	12	13	13	12	10	11	148
Hourly wind velocity, miles	6.6	6.9	7.4	7.6	6.6	5.9	5.4	5.1	5.2	6.0	6.5	6.3	6.3
NEW JERSEY, ATLANTIC CITY													
Temperature:													
Monthly mean	32.5	33.6	38.6	47.8	58.1	66.6	72.1	72.5	66.8	56.9	45.6	36.4	52.3
Daily mean maximum	40.6	40.3	46.0	54.7	64.5	73.4	78.5	78.0	73.5	63.8	52.8	43.6	59.1
Daily mean minimum	25.7	26.6	32.7	41.2	51.6	60.8	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	−7	8	15	33	45	52	48	37	29	10	−7	−7
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
[illegible]	12	11	12	11	11	10	10	10	8	9	9	10	123
[illegible]	4.5	5.0	2.2	0.3	0	0	0	0	0	0	0.6	2.7	15.3
[illegible] shine	53	58	58	60	62	64	66	65	66	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	15.5	16.8	16.7	14.7	13.8	13.5	13.1	13.8	14.3	15.1	14.9	14.9

[1] Trace.

No. 137.—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	39.4	43.4	50.9	58.9	68.0	78.1	80.0	79.0	73.0	62.0	49.9	40.5	60.3
Daily mean minimum	18.8	22.3	28.1	34.8	43.4	52.0	56.7	56.0	49.2	38.9	28.3	20.5	37.4
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	6	7	6	7	6	13	13	8	5	4	6	87
Total snowfall, inches	6.1	6.5	5.2	3.6	0.4	(1)	0	0	(1)	1.1	3.5	6.0	32.4
Percentage of possible sunshine	72	70	70	72	76	80	69	71	77	79	76	72	74
Number of clear days	17	13	14	13	14	16	9	10	16	20	18	17	177
Hourly wind velocity, miles	7.0	7.3	8.1	8.4	8.2	7.4	6.3	6.0	6.2	6.5	6.9	6.0	7.0
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	31.4	31.0	38.7	50.1	61.7	70.2	76.5	75.5	70.0	58.3	45.5	35.3	53.7
Daily mean minimum	18.9	17.4	24.9	34.8	46.2	57.2	63.0	61.4	55.5	44.8	33.7	24.1	40.2
Highest on record	70	68	79	84	94	97	95	95	95	92	72	66	97
Lowest on record	−14	−13	−4	5	25	39	46	44	35	24	2	−9	−14
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	13	11	10	10	11	12	15	18	165
Total snowfall, inches	19.3	17.1	10.1	3.4	0.2	0	0	0	(1)	0.5	6.0	17.0	73.6
Percentage of possible sunshine	30	41	48	53	58	65	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	17.3	16.6	15.8	14.5	13.1	12.3	12.1	11.7	12.8	14.2	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	−7	3	12	34	44	54	51	39	29	7	−13	−13
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	38.4	39.6	46.7	54.4	62.3	69.4	72.5	71.5	66.9	56.0	46.1	39.2	55.2
Daily mean maximum	48.0	49.3	56.8	65.4	73.3	79.9	82.5	81.2	77.2	67.2	56.5	48.6	65.5
Daily mean minimum	29.3	29.9	36.5	43.5	51.7	59.2	62.6	61.9	56.8	44.8	35.6	30.3	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	3.10	3.15	3.97	3.02	3.43	3.93	4.30	4.16	3.04	2.75	2.23	3.20	40.28
Days with 0.01 inch or more	10	10	12	11	13	14	15	14	10	7	7	10	133
Total snowfall, inches	3.1	2.4	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	60	60	58	56	59	63	60	48	57
Number of clear days	10	10	11	11	10	8	7	7	10	15	14	11	124
Hourly wind velocity, miles	9.5	9.8	10.2	9.3	7.3	5.9	5.3	5.3	5.8	7.0	8.5	9.1	7.8
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	18.4	21.9	35.0	54.7	66.2	75.5	82.4	80.8	70.7	56.8	38.6	24.7	52.1
Daily mean minimum	−2.3	1.3	14.5	31.6	42.4	52.7	57.4	54.9	45.1	33.0	18.0	5.1	29.5
Highest on record	60	65	81	90	97	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	5.7	5.1	7.6	2.9	0.8	(1)	0	0	(1)	1.2	5.0	6.2	34.5
Percentage of possible sunshine	52	58	56	58	58	62	72	68	62	59	51	49	59
Number of clear days	11	10	12	12	12	12	16	17	14	13	11	11	151
Hourly wind velocity, miles	9.1	9.5	10.4	11.3	10.7	10.1	9.1	9.0	9.8	9.6	9.4	8.9	9.7

1 Trace.

No. 137.—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	36.4	38.2	48.5	60.7	71.9	80.5	85.0	82.5	76.8	64.4	49.8	39.2	61.2
Daily mean minimum	21.7	22.9	31.4	41.5	52.0	60.8	64.9	62.8	56.7	45.4	34.4	25.6	43.3
Highest on record	72	72	84	90	96	99	104	103	99	90	77	67	104
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	7.9	5.8	3.4	1.1	(1)	0	0	0	0	0.1	1.5	4.2	24.0
Percentage of possible sunshine	38	42	47	56	62	67	70	67	64	58	44	33	54
Number of clear days	6	6	7	9	9	10	12	12	12	12	7	5	107
Hourly wind velocity, miles	11.9	12.4	12.4	12.1	10.7	9.7	9.0	8.9	9.3	10.6	11.5	11.7	10.8
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	50.8	61.2	70.8	77.5	86.7	91.1	91.4	84.9	73.0	60.2	48.8	70.3
Daily mean minimum	27.5	29.4	38.5	49.0	57.7	66.6	70.3	69.5	63.2	50.9	39.1	29.7	49.3
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	7	7	7	6	5	6	82
Total snowfall, inches	2.5	2.0	1.2	(1)	0	0	0	0	0	(1)	0.3	1.8	7.8
Percentage of possible sunshine	56	60	61	63	64	73	77	76	74	67	64	59	66
Number of clear days	13	12	13	12	11	14	16	17	17	17	16	14	172
Hourly wind velocity, miles	11.7	12.8	13.0	12.8	12.3	11.1	9.7	9.2	10.4	10.9	11.6	11.6	11.4
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	44.1	48.3	54.7	61.1	66.8	72.0	78.2	77.9	71.5	62.5	52.2	46.1	61.3
Daily mean minimum	34.1	36.3	39.8	43.1	48.0	52.7	56.3	56.2	52.1	47.0	40.7	36.6	45.2
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
[illegible]	20	17	17	15	13	10	3	4	8	12	17	19	155
[illegible]	6.0	3.3	0.6	(1)	(1)	0	0	0	0	0	0.5	3.4	13.8
[illegible] shine	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	7.2	7.0	6.8	6.9	6.4	6.4	6.2	7.0	7.4	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	38.8	39.9	48.6	60.6	72.0	80.1	84.1	82.0	76.5	64.4	50.7	41.1	61.6
Daily mean minimum	23.7	23.8	31.3	41.3	51.9	60.5	64.8	62.9	57.3	45.8	35.8	27.3	43.9
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	2.20	2.86	36.17
[illegible]	15	14	15	13	13	12	12	10	10	10	12	14	150
[illegible]	8.6	7.5	5.7	2.1	(1)	0	0	0	0	0.2	1.8	6.4	32.3
P[illegible] shine	32	37	45	50	57	63	65	61	62	54	40	29	50
Number of clear days	4	4	6	7	9	7	9	10	10	10	6	4	86
Hourly wind velocity, miles	11.9	11.8	12.2	11.6	10.2	9.5	8.9	8.7	9.0	9.8	11.3	11.5	10.5
RHODE ISLAND, PROVIDENCE													
Temperature:													
Monthly mean	29.1	28.2	37.2	46.8	57.3	66.1	71.9	69.8	63.5	53.6	42.7	32.4	49.9
Daily mean maximum	37.5	36.3	45.2	55.7	66.9	75.6	80.9	78.7	72.4	62.4	50.0	39.5	58.4
Daily mean minimum	22.0	20.5	28.9	37.8	48.1	56.8	62.9	61.2	54.6	44.8	34.9	25.3	41.5
Highest on record	68	69	84	88	94	96	100	97	95	87	75	68	100
Lowest on record	−9	−10	4	11	32	41	50	46	33	27	9	−12	−12
Precipitation:													
Total, inches	3.70	3.64	3.49	3.21	2.96	2.68	3.27	3.50	3.18	3.12	3.06	3.38	39.19
Days with 0.01 inch or more	12	11	12	11	12	10	10	10	9	9	10	11	127
To[illegible]	8.6	9.8	5.4	1.4	(1)	0	0	0	0	(1)	0.7	5.5	31.4
Per[illegible] shine	50	56	59	59	61	64	64	63	61	61	53	50	58
Number of clear days	10	11	12	10	11	10	11	11	12	14	11	11	134
Hourly wind velocity, miles [3]	12.8	12.9	13.5	13.0	11.6	10.7	9.8	9.6	10.2	11.4	12.0	12.5	11.7

[1] Trace.

[3] For the period 1914–1933, inclusive.

No. 137.—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	59.8	65.4	72.1	79.7	85.4	87.9	87.2	83.1	74.7	66.0	59.4	73.2
Daily mean minimum	43.0	44.7	50.1	57.1	65.8	72.3	75.1	74.5	70.9	60.8	50.7	44.4	59.1
Highest on record	80	82	94	93	98	101	104	102	100	95	83	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	10.5	11.0	11.6	11.4	10.7	10.2	9.6	9.2	10.4	11.0	11.0	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	23.0	26.3	40.3	58.2	68.6	78.7	84.6	82.9	74.3	60.6	42.6	29.1	55.8
Daily mean minimum	1.7	5.1	19.3	34.0	44.4	55.2	59.8	57.5	48.1	35.4	20.7	8.8	32.5
Highest on record	64	70	85	94	97	108	110	108	106	94	79	65	110
Lowest on record	−43	−37	−25	5	20	31	41	33	18	−6	−28	−34	−43
Precipitation:													
Total, inches	0.59	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	5.8	4.7	5.6	1.5	0.1	0	0	0	(1)	0.6	3.2	5.0	26.5
Percentage of possible sunshine	58	64	63	63	65	69	75	71	64	60	53	51	63
Number of clear days	11	10	9	10	11	11	14	14	13	13	11	10	137
Hourly wind velocity, miles	10.8	11.0	11.8	12.9	11.9	10.7	9.6	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	47.4	50.3	58.8	69.0	77.9	85.6	88.6	87.5	82.3	71.3	58.3	49.3	68.9
Daily mean minimum	31.1	33.0	40.3	49.6	58.3	66.6	70.0	68.5	62.2	50.3	39.9	33.2	50.2
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	4.13	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	11	11	11	9	8	7	9	11	123
Total snowfall, inches	2.3	2.8	1.5	0.1	(1)	0	0	0	0	(1)	0.3	1.4	8.4
Percentage of possible sunshine	44	48	53	60	65	69	71	69	69	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	9.2	8.0	7.5	7.2	7.7	8.5	9.4	9.4	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	59.3	68.4	75.3	82.0	90.5	93.6	92.1	88.0	78.0	67.0	56.9	75.7
Daily mean minimum	36.2	38.1	46.5	57.1	62.5	70.4	73.6	73.7	67.7	56.1	46.4	37.3	55.5
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	78	81	80	78	72	66	61	70
Number of clear days	12	11	12	11	11	13	14	15	16	16	14	13	158
Hourly wind velocity, miles	10.4	10.8	11.6	11.5	10.7	10.4	9.6	9.2	9.1	9.4	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	59.4	61.8	67.3	73.7	80.0	85.7	87.9	87.9	84.8	77.7	68.6	61.9	74.7
Daily mean minimum	48.6	51.1	57.2	64.4	71.0	76.8	78.6	78.5	75.4	67.8	58.1	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)	0.3	0	0	0	0	0	0	0	0	0	(1)	0.3
Percentage of possible sunshine	52	51	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	11.3	11.4	11.5	11.8	11.1	10.3	9.4	9.0	9.9	10.2	10.8	11.1	10.6

[1] Trace.

No. 137.—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	62.8	66.2	73.2	79.7	85.1	91.2	94.0	94.6	89.4	81.5	71.1	63.5	79.4
Daily mean minimum	42.8	45.4	51.7	58.8	65.3	71.1	73.2	73.2	69.4	60.1	51.2	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	8	8	7	6	5	7	6	7	8	84
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	57	58	62	70	73	75	69	66	53	48	61
Number of clear days	11	10	11	9	9	12	14	14	12	15	12	12	141
Hourly wind velocity, miles	7.9	8.5	9.1	8.9	8.3	7.9	7.4	6.9	7.0	7.1	7.6	7.7	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	36.4	41.1	50.4	59.7	68.6	79.6	88.5	86.5	76.2	62.9	49.6	38.6	61.5
Daily mean minimum	21.7	26.1	32.7	39.9	47.2	55.9	64.1	62.7	52.8	42.4	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	11.8	10.5	10.2	3.5	0.4	(1)	0	0	(1)	1.0	5.5	11.5	54.4
Percentage of possible sunshine	45	49	56	64	68	78	79	76	76	68	58	45	64
Number of clear days	8	7	10	10	12	17	18	17	18	16	12	8	153
Hourly wind velocity, miles	6.8	7.1	8.1	8.7	8.7	8.6	8.2	8.0	8.2	7.5	6.8	6.5	7.8
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	26.4	26.8	36.8	49.9	62.7	72.8	77.5	74.6	67.8	55.9	41.6	29.7	51.9
Daily mean minimum	5.0	5.4	16.7	29.1	40.3	48.8	53.7	51.1	44.2	34.6	24.5	11.4	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
[illegible]	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
[illegible]	14	11	13	12	13	13	14	12	12	13	13	13	153
[illegible]	18.7	19.4	16.2	6.4	0.5	0	0	0	(1)	0.8	8.6	15.1	85.7
shine	37	48	51	50	52	57	59	57	51	43	30	31	47
[illegible]	5	6	7	6	6	6	5	6	8	6	4	4	69
[illegible]	8.0	8.1	8.8	8.6	8.1	7.0	6.4	6.2	6.7	7.4	7.9	7.5	7.6
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	48.1	48.7	58.2	67.2	76.9	83.5	87.7	85.6	80.7	72.3	60.1	50.1	68.3
Daily mean minimum	30.1	30.1	37.7	45.6	55.5	63.6	68.3	66.9	61.3	50.8	39.8	32.2	48.4
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
[illegible]	10	10	11	10	12	11	11	11	11	8	7	10	122
P[illegible]	3.5	3.5	2.3	0.4	0	0	0	0	0	(1)	0.3	2.8	12.8
snine	50	58	59	63	67	66	67	63	65	65	58	49	61
Number of clear days	10	10	11	12	12	11	11	10	12	15	13	11	138
Hourly wind velocity, miles	8.1	8.3	9.0	8.6	7.2	6.4	6.3	6.0	6.1	6.7	7.3	7.6	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	44.3	47.0	51.5	57.3	62.8	67.9	73.0	72.4	66.3	58.3	50.7	46.0	58.2
Daily mean minimum	35.6	36.5	38.8	42.0	46.9	51.4	54.6	54.9	51.3	46.5	41.3	37.5	44.8
Highest on record	67	67	81	85	92	98	95	92	87	82	68	62	98
Lowest on record	3	4	20	30	36	40	46	46	36	29	15	12	3

[1] Trace.

No. 137.—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	4.0	1.0	0.2	(1)	0	0	0	0	(1)	0.9	1.9	12.9
Percentage of possible sunshine	24	35	44	52	53	55	65	60	49	34	20	21	43
Number of clear days	3	3	5	6	6	7	13	13	9	5	2	3	75
Hourly wind velocity, miles	9.7	9.1	9.9	9.2	9.0	8.5	7.9	7.4	7.8	8.3	9.3	9.8	8.8
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	41.6	42.3	52.6	63.8	74.1	82.0	85.6	83.9	78.9	66.6	53.2	43.3	64.0
Daily mean minimum	25.4	25.5	33.6	42.7	52.3	61.1	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	6.7	6.6	4.2	1.0	(1)	0	0	0	0	0.1	1.3	4.7	24.6
Percentage of possible sunshine	29	37	41	49	54	59	63	58	58	51	35	27	47
Number of clear days	6	7	8	10	11	11	13	12	13	12	7	6	116
Hourly wind velocity, miles	7.5	8.0	8.2	7.6	6.2	5.6	5.3	5.1	5.2	5.8	6.9	7.1	6.5
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	23.8	25.6	36.8	51.9	64.3	75.3	80.4	77.3	70.1	56.8	41.2	28.9	52.7
Daily mean minimum	8.6	9.6	21.2	34.4	45.1	55.6	60.3	58.1	51.7	40.4	27.9	15.9	35.7
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	11	9	10	9	9	10	121
Total snowfall, inches	12.2	11.3	9.6	3.2	0.2	0	0	0	0	0.8	4.9	9.3	51.5
Percentage of possible sunshine	46	52	56	59	60	67	71	67	60	52	41	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	11.0	11.2	10.6	9.4	8.8	8.7	9.6	10.2	10.7	10.5	10.1
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	32.0	35.6	44.4	55.0	64.4	76.0	83.9	82.2	71.8	58.5	44.3	32.0	56.7
Daily mean minimum	5.4	9.0	19.2	29.4	38.1	45.8	51.7	49.5	40.3	29.5	17.7	6.5	28.5
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	4	6	3	4	67
Total snowfall, inches	5.1	8.3	11.9	13.7	4.9	0.4	0	0	1.8	8.8	6.8	7.7	69.4
Percentage of possible sunshine	66	70	71	66	64	74	74	74	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	4.0	5.2	5.6	5.6	5.2	4.7	4.6	4.7	4.0	3.9	3.6	4.6

[1] Trace.

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. 138.—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	2,436	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	97,780	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	244,488	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	[8] 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
1919	[illegible]	[illegible]	[12] 188,434	[12] 3,485,454						
1919	654,422	595,664	[13] 78,003	758,870	37,210	1,198	36,012	57,330	[8] 45,573	[5] 11,757
1920	363,640	200,367	[13] 15,519	184,848	56,090	2,073	54,017	107,083	[8] 68,232	[5] 38,851
1921	407,920	227,374	[13] 14,124	213,250	113,640	5,843	107,797	66,906	[8] 66,905	[14] 1
1922	373,597	146,069	[13] 14,075	131,994	159,658	8,744	150,914	67,870	[8] 67,390	[14] 480
1923	370,042	130,964	[13] 12,682	118,282	160,598	9,675	150,923	78,480	[8] 76,923	[14] 1,557
1924	397,794	140,644	[13] 12,501	128,143	177,428	[15] 10,996	166,432	79,722	[8] 76,322	[14] 3,400
1925	406,162	134,624	[13] 12,909	121,715	177,525	[15] 11,595	165,930	94,013	[8] 88,898	[14] 5,115
1926	410,902	133,033	[13] 13,105	119,928	174,969	[15] 11,435	163,534	102,900	[8] 97,125	[14] 5,775
1927	421,519	133,079	[13] 13,175	119,904	181,142	[15] 12,192	168,950	107,298	[8] 101,563	[14] 5,735
1928	426,075	134,331	[13] 13,174	121,157	181,221	[15] 12,428	168,793	110,523	[8] 105,059	[14] 5,464
1929	421,466	137,360	[13] 13,168	124,192	176,988	[15] 12,535	164,453	107,118	[8] 101,926	[14] 5,192
1930	426,825	137,472	[13] 13,195	124,277	182,715	[15] 12,930	169,785	106,638	[8] 101,917	[14] 4,721
1931	439,081	138,648	[13] 13,205	125,443	187,386	[15] 13,249	174,137	113,047	[8] 108,210	[14] 4,837
1932	440,162	133,042	[13] 13,153	119,889	187,412	[15] 13,549	173,863	119,708	[8] 114,836	[14] 4,872
1933	445,449	135,011	[13] 13,223	121,788	185,925	[15] 13,569	172,356	124,513	[8] 119,485	[14] 5,028

[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.

[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.

Source: Reports of the War Department.

No. 139.—NATIONAL GUARD: ORGANIZED STRENGTH, JUNE 30, 1933

State or Territory	Officers [1]	Enlisted men	State or Territory	Officers [1]	Enlisted men	State or Territory	Officers [1]	Enlisted men
Total	13,569	172,356	Kentucky	224	2,624	Ohio	643	7,999
			Louisiana	143	1,873	Oklahoma	405	4,726
Alabama	221	2,520	Maine	186	2,287	Oregon	209	2,846
Arizona	81	1,177	Maryland	263	3,151	Pennsylvania	860	11,118
Arkansas	157	2,051	Massachusetts	681	8,773	Puerto Rico	88	1,429
California	470	6,050	Michigan	345	4,188	Rhode Island	166	1,807
Colorado	141	1,729	Minnesota	360	4,659	South Carolina	149	2,030
Connecticut	318	3,918	Mississippi	137	2,052	South Dakota	106	1,253
Delaware	58	749	Missouri	321	4,209	Tennessee	199	2,328
Dist. of Col	70	924	Montana	74	1,054	Texas	620	7,579
Florida	170	2,311	Nebraska	118	1,624	Utah	137	1,310
Georgia	257	3,444	Nevada	8	129	Vermont	84	1,112
Hawaii	105	1,579	New Hampshire	78	977	Virginia	275	3,633
Idaho	115	1,188	New Jersey	358	4,619	Washington	215	2,490
Illinois	664	8,758	New Mexico	77	920	West Virginia	125	1,817
Indiana	372	4,466	New York	1,440	19,211	Wisconsin	358	4,423
Iowa	270	3,445	North Carolina	265	3,150	Wyoming	50	594
Kansas	255	2,936	North Dakota	78	1,117			

[1] Includes 205 warrant officers.

No. 140.—NAVY, MARINE CORPS, AND THE NAVAL 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	21,903	545	4,180
1922	7,831	88,580	[2] 5,340	[4] 13,400	1,142	20,098	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

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

No. 141.—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

Sources: Table 139, War Department; Tables 140 and 141, Navy Department.

No. 142.—VESSELS OF THE U. S. NAVY FIT FOR SERVICE (INCLUDING THOSE UNDER REPAIR): NUMBER AND DISPLACEMENT, BY TYPES, DECEMBER 31, 1933

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 Armaments). Vessels under construction December 31, 1933, were as follows: 2 battleships (70,000 tons), 3 cruisers (40,000 tons), 3 aircraft carriers (53,800 tons), 32 destroyers (43,200 tons), 2 submarines (2,200 tons), 2 gunboats (4,000 tons); total, 53 vessels (224,950 tons). In addition 1 transport had been authorized but contracts not placed. Vessels in commission and rotating-reserve commission.

Class and type	In commission		Out of commission	
	Number	Displacement	Number	Displacement
Grand total	**345**	**1,379,319**	**250**	**630,930**
Battleships, total	15	455,400	------	--------
Not over age	14	429,300	------	--------
Over age	1	26,100	------	--------
Cruisers, total	20	168,150	1	7,350
Heavy cruisers—				
Not over age	10	92,650	------	--------
Over age	------	--------	1	7,350
Light cruisers—				
not over age	10	70,500	------	--------
Aircraft carriers	3	[1] 77,500	------	--------
Not over age	2	66,000	------	--------
Over age	1	11,500	------	--------
Destroyers, total [2]	101	115,820	128	126,610
Not over age	3	3,570	------	--------
Over age	98	112,250	128	126,610
Submarines, total	55	52,970	28	15,950
Not over age	[3] 44	44,160	1	790
Over age	10	6,100	[4] 27	15,160
Mine laying—not over age	1	2,710	------	--------
Mine vessels, total	33	32,380	20	28,690
Mine layers	1	4,200	3	11,850
Light mine layers—over age	4	4,640	8	9,280
Mine vessels—Con.				
Mine sweepers	28	23,520	9	7,560
Patrol vessels, total	44	16,090	19	6,040
Eagles	12	5,160	13	5,590
Submarine chasers	18	1,350	6	450
Gunboats	4	4,840	------	--------
River gunboats	8	3,120	------	--------
Converted yachts	2	1,620	------	--------
Auxiliaries, total	60	411,435	42	389,515
Destroyer tenders	6	60,950	2	21,750
Submarine tenders	5	40,500	2	17,570
Aircraft tender	1	11,500	1	19,250
Repair ships	2	18,720	1	8,100
Store ships	2	21,100	2	25,200
Colliers	------	--------	3	57,640
Oilers	7	96,350	11	173,150
Ammunition ship	1	10,600	1	10,600
Cargo ships	2	22,900	3	33,450
Transports	2	20,700	------	--------
Hospital ship	1	9,800	1	9,450
Ocean-going tugs	18	16,355	14	12,235
Submarine rescue vessels	5	6,170	1	1,120
Miscellaneous	8	75,790	------	--------
Unclassified	14	54,594	12	56,775

[1] Excludes weight allowance under Washington Treaty for providing against air and submarine attack.
[2] In addition there were 8 destroyers (over age) of 8,970 tons, operated by U. S. Coast Guard.
[3] Includes U.S.S. *Cachalot* which is in commission but not completed.
[4] Includes *S-4*, which is in commission as a special experimental vessel without propulsive machinery.

No. 143.—AMERICAN NATIONAL RED CROSS: EXPENDITURES OF THE NATIONAL ORGANIZATION AND ADULT MEMBERSHIP, YEARS ENDED JUNE 30

NOTE.—[illegible] include chapter budgets. Total Continental [illegible] cent of total population for recent years are as f[illegible] 3.4 per cent); 1929–30, 4,005,513 (3.3 per cent); [illegible] cent) 1932–33, 3,608,121 (2.9 per cent).
Total adult membership, including insular and foreign, 1932–33, 3,701,866.

	1924–1929, total	1928	1929	1930	1931	1932	1933
Total	72,006	19,886	11,064	4,255	15,182	6,553	3,674
Domestic operations:							
Service to disabled veterans	7,816	862	738	883	740	463	531
Service to men of the Regular Army and Navy	1,851	307	308	300	372	374	264
Disaster relief	35,232	16,692	4,864	1,208	11,897	3,831	1,364
Enrolled Nurses' Reserve	272	46	44	41	42	42	32
Public health nursing and home hygiene	1,634	247	242	264	251	253	210
First aid and life saving	1,538	297	301	274	272	302	293
Junior Red Cross	1,325	237	238	260	245	222	202
Other domestic operations	2,071	363	364	250	238	278	156
Insular and foreign operations:							
Disaster relief	16,122	213	3,343	134	442	188	120
League of Red Cross Societies	1,133	211	208	208	248	168	156
Junior Red Cross foreign projects	388	31	29	29	27	22	29
Assistance to insular chapters	889	64	66	85	76	77	56
Other insular and foreign work		29	40	23	41	40	29
Supervision of service activities and general management	1,782	268	278	296	293	295	232

Sources: Table 142, Navy Department; Table 143, The American Red Cross, except percent of membership to population, which is based on population estimates of the Bureau of the Census.

GENERAL NOTE.—Under an act approved July 3, 1930, all Government agencies having to do 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. ending relief to veterans and dependents of deceased veterans provided These laws include, in addition to pensions and compensation, benefits ance, 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.

credit of the United States Government", approved March 20, 1933, repealed hospital, or domiciliary care, compensation and other allowances, pension, irement pay to veterans and dependents of veterans (except so far as they relate to persons who served prior to the Spanish-American War, and their dependents, and the retirement of officers and enlisted men of the Army, Navy, Marine Corps, or Coast Guard), and under broad limitations authorized the President to establish rules of entitlement and rates. The new policy established the following principles: (1) To pay pensions and care to veterans disabled, and to grant pensions to the depen injury or disease incurred or aggravated in the milita or nav , with the more for war serv and to furni

or disease not connected with th
Act, 1935, enacted March 28, 1934,
promulga
certain limitations and with certain exceptions.

United States Government life insurance is issued in any multiple of $500, not less than $1,000 or more of premiums at a net peace-time rate, with no extra charge for adminis- the hazards of war. (For forms of insurance see Table 148; for rates, Table 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 e in mortality.

The act of May 19, 1924, 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 sed by 25 percent would purchase at the age of vete with interest at 4 percent compounded annually. ke loans to veterans on adjusted-service certificates. d to January 2, 1935.

No. 144.—DISBURSEMENTS BY THE VETERANS' ADMINISTRATION AND PREDECESSOR ORGANIZATIONS: YEARS ENDED JUNE 30

NOTE.—Disbursements from the the Canal Zone retirement fund, which were under the jurisdiction of t ing the fiscal years 1931, 1932, and 1933, are not included. Administrat to the Civil Service Commission under Executive order of April 7, 1934. Disbursements from adjusted-service certificate fund represent payments on certificates matured by death of veterans and do not include loans. Total amount disbursed from insurance premiums, allotments deducted from pay of World War veterans while in service, etc., $990,607,000

[All figures in thousands of dollars]

	Total to June 30, 1933	1929	1930	1931	1932	1933
Total expenditures for relief of veterans	**16,241,242**	**673,288**	**684,023**	**759,367**	**841,437**	**833,499**
Veterans' Administration homes	251,647	8,795	10,812	11,264	[1] 1,267	[1] 67
Army and Navy pensions	8,871,484	229,890	219,204	234,420	232,509	234,996
Maintenance and expense for pensions	153,102	1,277	1,272	1,374	[1] 143	[1] 1
Military and naval compensation	2,520,830	188,930	199,229	253,969	313,291	315,589
Military and naval insurance	1,620,784	121,349	122,769	117,924	123,741	123,039
United States Government life insurance	200,474	22,302	24,677	25,952	28,737	28,062
Adjusted-service certificate fund	158,573	19,745	20,131	19,392	23,216	24,621
Adjusted service and dependent pay	45,556	6,453	3,130	2,463	2,480	2,252
Medical and hospital services	426,624	29,809	32,185	36,750	[1] 6,528	[1] 84
Hospital and domiciliary facilities and service (construction)	78,721	4,044	8,242	9,040	12,876	13,517
State and Territorial homes	38,400	584	585	590	786	758
Administration [2]	611,232	40,060	41,739	46,142	95,867	89,957
Vocational training	644,926	[3] *3*	[3] *20*	[3] *22*	[3] *17*	[3] *17*
Allotments and allowances	532,943	[3] *9*	2	5	9	8
Marine and seamen's insurance	35,078	2		2		
Miscellaneous	869	61	66	102	5	565

[1] Disbursed from appropriations for previous years.
[2] Includes salaries and expenses, increase of compensation, printing and binding, administrative expenses, adjusted compensation, and, for 1932 and 1933, medical, hospital, and domiciliary services.
[3] Credit.

Source: Veterans' Administration.

No. 145.—COMPENSATION, EMERGENCY OFFICERS' RETIREMENT PAY, AND DISABILITY ALLOWANCE AWARDS

NOTE—See general note, p. 147

Year ended June 30—	Number of awards made during year						Number of awards active at end of year			
	Compensation				Emergency officers' retirement	Disability allowance	Compensation [1]		Emergency officers' retirement	Disability allowance
	Total original awards	Original deaths	Original disability	Disability changed to death			Death	Disability		
1918	2,820	1,664	1,156							
1919	50,353	23,225	27,128				24,458	24,947		
1920	175,778	19,657	156,121	721			42,945	134,408		
1921	104,669	5,764	98,905	1,628			47,559	154,960		
1922	77,136	4,734	72,402	1,482			51,339	174,024		
1923	35,359	2,532	32,827	3,399			55,334	183,090		
1924	15,262	2,011	13,251	2,939			57,971	179,037		
1925	28,881	4,995	23,886	3,356			65,958	211,644		
1926	26,780	9,175	17,605	4,913			78,881	226,484		
1927	15,429	2,303	13,126	3,514			82,827	243,611		
1928	14,152	1,890	12,262	3,370			85,634	257,536		
1929	14,300	1,794	12,506	2,871	4,350		87,668	262,138	4,243	
1930	16,448	2,447	14,001	3,004	1,987		90,954	279,539	6,083	
1931	25,166	2,456	22,710	2,697	436	239,073	93,334	299,288	6,364	229,568
1932	27,274	3,425	23,849	3,109	191	199,545	97,448	328,658	6,415	407,584
1933	15,936	1,812	14,124	1,931	15	54,230	98,628	336,710	6,007	412,482

Year ended June 30—	Disbursements (thousands of dollars) during year for—					Average annual value of awards active at end of year				
	Total	Compensation		Emergency officers' retirement pay	Disability allowance	Total	Compensation [2]		Emergency officers' retirement pay	Disability allowance
		Death	Disability				Death	Disability		
1918	341	169	173							
1919	11,301	4,762	6,539							
1920	103,123	21,110	82,013							
1921	121,305	17,577	103,728							
1922	123,351	16,567	106,784							
1923	125,594	18,544	107,051			$414	$308	$446		
1924	115,495	19,405	96,090			412	307	446		
1925	129,597	25,467	104,130			421	317	453		
1926	164,437	31,193	133,244			435	324	474		
1927	173,477	29,338	144,139			487	327	541		
1928	181,800	30,819	150,981			487	328	539		
1929	188,930	31,044	153,090	4,796		494	330	529	$1,688	
1930	199,229	32,966	155,034	11,229		500	331	529	1,682	
1931	253,969	31,442	181,900	10,938	29,690	393	335	533	1,687	$199
1932	313,267	36,716	189,540	11,553	75,458	353	336	529	1,683	193
1933	315,563	35,583	184,825	9,969	85,186	349	336	524	1,654	189

[1] Figures for 1918 not available.

[2] Not computed for 1918 to 1922.

No. 146.—TERM AND CONVERTED INSURANCE AWARDS

	Total to June 30, 1933	Year ended June 30—				
		1929	1930	1931	1932	1933
Number of awards made during period or year:						
Term and automatic insurance—						
Total original awards	192,614	978	947	1,407	2,251	1,481
Original death	154,764	372	349	312	204	130
Original disability	37,850	606	598	1,095	2,047	1,351
Disability changed to death	20,467	938	810	654	1,050	948
Converted insurance—						
Total original awards	30,756	3,406	3,507	3,510	3,825	3,721
Original death	19,472	2,205	2,237	2,147	2,285	2,356
Original disability	11,284	1,201	1,270	1,363	1,540	1,365
Disability changed to death	2,760	264	344	353	370	435
Number of awards active at end of year:						
Term and automatic insurance		157,369	155,254	152,982	153,268	151,464
Death		145,425	143,053	140,369	139,265	137,027
Disability		11,944	12,201	12,613	14,003	14,437
Converted insurance		6,634	8,042	8,025	9,443	10,773
Death		2,532	3,006	2,016	2,251	2,722
Disability		4,102	5,036	6,009	7,192	8,051

Source of Tables 145 and 146: Veterans' Administration.

No. 147.—GOVERNMENT LIFE INSURANCE IN FORCE AND PREMIUMS PAID

[Amounts in thousands of dollars. See general note, p. 147]]

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	560,005	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	2,865,029	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	3,113,649	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

[1] Net premiums.

No. 148.—GOVERNMENT LIFE INSURANCE: CONVERTED INSURANCE ISSUED AND IN FORCE, BY PLAN

Plan	Issued to June 30, 1933					In force June 30, 1933	
	Number	Amount (1,000 dollars)	Average policy	Per cent of total		Number	Amount (1,000 dollars)
				Number	Amount		
Total	**899,782**	**3,995,448**	**$4,440**	**100.00**	**100.00**	**616,069**	**2,782,709**
Ordinary life	189,413	955,475	5,044	21.05	23.91	141,321	743,675
20-payment life	217,163	912,936	4,204	24.13	22.85	165,695	714,393
30-payment life	34,870	174,527	5,005	3.88	4.37	29,506	150,241
20-year endowment	223,948	590,259	2,636	24.89	14.77	116,611	338,772
30-year endowment	44,098	184,706	4,189	4.90	4.62	33,529	143,171
Endowment at age 62	42,929	203,551	4,742	4.77	5.10	34,541	165,721
5-year convertible term	144,583	960,340	6,642	16.07	24.04	69,397	444,037
5-year level premium term	2,778	13,654	4,915	.31	.34	2,568	12,351
Extended insurance						22,901	69,748

No. 149.—GOVERNMENT LIFE INSURANCE FUND: FINANCIAL STATEMENT OF FUNDS FROM ORIGIN, MAY 31, 1919, TO JUNE 30, 1933

	Total to June 30, 1933	Year ended June 30, 1933		Total to June 30, 1933	Year ended June 30, 1933
Income, total	**$807,831,156**	**$74,628,152**			
Premiums	650,232,523	61,436,493	**Disbursements—Contd.**		
Interest on investments	75,657,971	5,698,113	Dividends	$52,193,244	$5,489,848
Repayments under sec. 302, World War Veterans' Act 1924	63,485,096	5,674,105	Interest on dividend deposits	8,872	3,493
Profit on sale of investments	8,467,385		Payments on matured endowments	787,234	234,335
Interest on loans [1]	9,882,238	1,801,711	**Balance, total**	**607,357,457**	
Interest on premiums	105,943	17,730	Investment and interest	130,236,580	
Disbursements, total	**200,473,699**	**28,061,672**	Loans on adjusted-service certificates	339,217,724	
Paid on claims	125,805,546	17,644,760	Loans on policies	135,303,296	
Paid on surrenders	21,678,803	4,689,236	Cash on hand	2,599,857	

[1] Includes interest on policy loans and on adjusted-service certificate loans.

Source of Tables 147, 148, and 149: Veterans' Administration.

No. 150.—ADJUSTED COMPENSATION AWARDS TO JUNE 30, 1933

NOTE.—Loans on adjusted-service certificates during the year ended June 30, 1933, totaled $114,441,000; loans outstanding on June 30, 1933, amounted to $1,536,880,000 and were made to 2,836,922 veterans

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	**3,990,674**	**3,717,487**	**3,428,858**	**3,148,846**	**491,179**	**496,702**	**70,637**	**72,939**
Cash:								
Veterans ($50 or less)	154,065	5,202	142,091	4,883	11,419	301	555	18
Dependents (less than $50)	8,975	244	8,295	227	604	15	76	2
Dependents ($50 or over)[1]	116,659	40,556	103,460	35,269	10,421	4,195	2,778	1,092
Certificates	3,710,975	3,668,412	3,175,012	3,105,680	468,735	491,003	67,228	71,729
$60 lump sum payments		3,073		2,787		188		98

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

No. 151.—HOSPITALIZATION: VETERANS' ADMINISTRATION BENEFICIARIES

NOTE.—See general note, p. 147

Groups of hospitals and year (years ended June 30)	Beds available	Avg. daily patients, period of operation	Patients remaining at expiration of year				Personnel on duty at close of year	Operating expenses	Per diem cost
			Total	Tuberculosis	Neuropsychiatric	General			
All hospitals:									
1923		24,526	23,604	9,886	9,403	4,315			
1924		22,158	22,726	8,831	9,875	4,020			
1925		27,447	26,631	9,660	12,139	4,832			
1926		27,012	25,858	7,863	12,902	5,093			
1927		26,386	25,318	6,956	12,748	5,614			
1928		26,372	26,139	6,542	13,057	6,540			
1929		27,642	27,784	6,547	13,781	7,456			
1930		29,513	30,447	6,733	15,035	8,679			
1931		32,713	35,055	6,560	16,936	11,559			
1932		42,448	43,334	6,985	19,528	16,821			
1933		42,526	43,518	5,804	19,791	7,923			
Veterans' Adm. hospitals:									
1923	18,693	12,264	10,429	4,773	3,438	2,218	9,889	$21,839,009	[1] $4.91
1925	20,504	15,855	15,743	6,013	7,433	2,297	12,818	23,354,485	[1] 4.04
1927	20,640	17,305	16,911	5,023	9,081	2,807	12,653	25,282,431	[1] 4.00
1929	22,077	19,326	19,299	5,035	10,941	3,323	13,614	28,178,406	[1] 4.01
1930	22,508	20,259	20,782	5,136	12,034	3,612	12,297	28,520,157	[1] 3.86
1931	25,899	22,339	23,749	5,077	13,577	5,095	13,220	30,414,020	[1] 3.72
1932	29,146	26,561	26,975	4,781	16,261	5,933	14,339	31,995,632	[1] 3.44
Vet. Adm. homes, 1932	6,739	5,928	5,829	1,007	885	3,937			
Vet. Adm. facilities, 1933 [2]		33,732	32,420	5,587	19,134	7,699	[3] 19,594	[4] 33,391,143	[4] 2.99

[1] [illegible] only part of year under unnatural conditions.
[2] [illegible] homes, and combined facilities.
[3] [illegible] activity only in homes and combined facilities.
[4] Includes hospitals operated in connection with Veterans' Administration homes.

No. 152.—U.S. VETERANS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY THE VETERANS' ADMINISTRATION: YEAR ENDED JUNE 30, 1933

	Standard bed capacity	Daily avg. patients receiving hospital treatment	Veterans receiving hospital treatment at end of year				Veterans receiving domiciliary care	Total receiving hospital or domiciliary care
			Total	Tuberculosis	Neuropsychiatric	General		
Total	**63,613**	**42,526**	**33,518**	**5,804**	**19,791**	**7,923**	**11,187**	**44,705**
Veterans' Adm. facilities	62,515	33,732	32,420	5,587	19,134	7,699	11,187	43,607
Public Health Service	[1] 34	860	34	6	3	25		34
Army hospitals	[1] 302	1,726	302	161	20	121		302
Navy hospitals	[1] 50	3,958	50	7	7	36		50
Interior Dept. hospitals	[1] 197	319	197		192	5		197
Contract hospitals	[1] 515	1,931	515	43	435	37		515

[1] Represents only those hospital beds occupied by veterans and authorized by the Veterans' Administration.

Source of Tables 150, 151, and 152: Veterans' Administration.

No. 153.—WAR PENSIONERS AND DISBURSEMENTS FOR PENSIONS

NOTE.—Provision for those participating in the World War or their dependents was made by other methods (see Table 145) and the expenditures are not included in this table except in the case of a few individuals whose claims were based on disability or death resulting from disability of service origin prior to April 6, 1917, and after July 2, 1921. See also general note, p. 147

June 30 or year ended June 30—	Number on rolls			Disbursements for pensions	Maintenance and expenses	June 30 or year ended June 30—	Number on rolls			Disbursements for pensions	Maintenance and expenses
	Veterans	Dependents	Total	In thousands of dollars			Veterans	Dependents	Total	In thousands of dollars	
1866	55,652	71,070	126,722	15,450	407	1908	658,071	293,616	951,687	153,093	2,801
1870	87,521	111,165	198,686	29,351	600	1909	632,557	313,637	946,194	161,974	2,853
1875	122,989	111,832	234,821	29,270	982	1910	602,180	318,903	921,083	159,974	2,658
1880	145,410	105,392	250,802	56,689	935	1911	570,050	322,048	892,098	157,325	2,517
1885	247,146	97,979	345,125	65,172	3,393	1912	538,000	322,294	860,294	152,986	2,449
1887	306,298	99,709	406,007	73,753	3,753	1913	503,633	316,567	820,200	174,172	2,543
1888	343,701	108,856	452,557	78,951	3,515	1914	470,331	314,908	785,239	172,418	2,067
1889	373,699	116,026	489,725	88,843	3,467	1915	437,448	310,699	748,147	165,518	1,780
1890	415,654	122,290	537,944	106,094	3,526	1916	403,120	306,452	709,572	159,155	1,657
1891	536,821	139,339	676,160	117,313	4,701	1917	369,936	303,175	673,111	160,895	1,563
1892	703,242	172,826	876,068	139,394	4,899	1918	340,313	306,582	646,895	179,335	1,528
1893	759,706	206,306	966,012	156,907	4,868	1919	313,140	311,287	624,427	222,159	1,433
1894	754,382	215,162	969,544	139,987	3,964	1920	285,219	306,971	592,190	213,295	1,395
1895	751,456	219,068	970,524	139,812	4,338	1921	267,731	298,322	566,053	258,721	1,390
1896	748,514	222,164	970,678	138,221	3,991	1922	256,918	290,098	547,016	253,808	1,394
1897	747,492	228,522	976,014	139,950	3,988	1923	253,686	286,070	539,756	263,013	1,992
1898	758,511	235,203	993,714	144,652	4,114	1924	248,116	277,423	525,539	229,995	1,498
1899	754,104	237,415	991,519	138,355	4,148	1925	244,886	267,651	512,537	217,151	1,489
1900	752,510	241,019	993,529	138,462	3,842	1926	246,139	255,584	501,723	207,844	1,436
1901	748,649	249,086	997,735	138,531	3,869	1927	246,194	243,748	489,942	230,153	1,327
1902	739,443	260,003	999,446	137,504	3,831	1928	259,030	232,164	491,194	228,966	1,215
1903	729,356	267,189	996,545	137,760	3,993	1929	259,580	218,335	477,915	229,890	1,277
1904	720,921	273,841	994,762	141,094	3,849	1930	255,988	207,269	464,257	219,204	1,272
1905	717,761	280,680	998,441	141,143	3,722	1931	255,562	195,871	451,433	234,420	1,374
1906	701,483	284,488	985,971	139,000	3,523	1932	251,694	186,247	437,941	232,509	(1)
1907	679,937	287,434	967,371	138,155	3,309	1933	242,719	174,121	416,840	234,996	(1)

PENSIONERS AND PENSIONS OF THE SEVERAL WARS

War	Total payments (1,000 dollars) 1790 to June 30, 1933	Number on rolls June 30—			Amount paid (thousands of dollars), year ended June 30—			Average pensions at end of year		
		1920	1930	1933	1920	1930	1933	1920	1930	1933
Total	8,871,484	592,190	464,257	416,840	213,295	219,204	234,996	$340	$455	$507
War of the Revolution	70,000									
War of 1812	46,208	71	10	7	21	6	4	233	540	514
Indian wars	58,304	6,228	9,645	9,220	1,746	4,555	4,716	203	446	449
War with Mexico	60,424	2,571	630	415	677	395	285	240	586	582
Civil War	7,698,594	533,729	216,692	149,515	202,586	125,785	98,272	359	542	567
War with Spain	811,819	30,432	217,730	233,270	4,624	83,751	125,306	142	389	499
Regular Establishment	109,313	19,031	19,491	24,366	3,604	4,697	6,400	181	232	230
World War	308	128	59	47	37	15	13	228	261	251
Unclassified	16,514									

AVERAGE ANNUAL VALUE OF PENSIONS AT END OF FISCAL YEARS—

	1910	1915	1920	1925	1926	1927	1928	1929	1930	1931	1932	1933
Average, all wars, total	$172	$215	$340	$400	$430	$453	$451	$460	$455	$507	$513	$507
Veterans	184	263	409	455	504	522	495	478	470	552	567	555
Dependents	149	148	275	350	359	363	402	438	437	448	440	439
Civil War, total	174	220	359	477	484	523	528	550	542	594	581	567
Veterans	187	275	452	699	745	847	847	850	852	1,076	1,087	1,087
Dependents	148	147	281	360	361	386	406	451	452	470	469	468
War with Spain, total	128	134	142	206	343	351	362	376	389	460	492	499
Veterans	121	129	132	193	334	344	357	373	389	473	516	523
Dependents	159	160	175	278	399	395	394	391	389	386	363	381
Peace time, total	173	176	181	198	203	186	222	219	232	234	236	230
Veterans	166	169	173	192	198	200	224	218	235	237	241	236
Dependents	197	200	204	219	221	132	217	223	219	221	216	206

[1] Cost, maintenance, and expenses of pension system included with that of Veterans' Administration.

Source: Veterans' Administration.

No. 154.—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 and amendments of July 3, 1926, and May 29, 1930 (effective July 1, 1930) employees of the classified service with competitive status, most of the principal groups of unclassified laborers, and certain other groups 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 [illegible] the retirement age where they have rendered at least 30 years of [illegible] those in the service not less than 5 years who, before reaching the [illegible] from the basic compensation of each employee within the [illegible] prior to July 1, 1926) thereof for deposit to the credit of the retirement fund. All amou[illegible] 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, [illegible] (1) a sum equal to $30 for each year of service not exceeding 30 and (2) the [illegible] with the sum credited to the individual's account together with interest at 4 per cent per annum

[All money figures in thousands of dollars, except as indicated]

June 30 or year ended June 30—	Number of annuitants on roll					Civil service retirement and disability fund						
						Receipts			Disbursements			Balance in fund June 30
	Total	Retired for age [1]	Retired for disability	Involuntary separation [1]	30 years' service	Total [2]	Salary deductions [3]	Appropriations	Total [4]	Annuities	Refunds	
1921	6,471	5,947	52			12,586	12,524		2,914	2,591	323	9,673
1922	7,576	6,667	909			14,682	14,095		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	24,356		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	[5] 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	249,997

	1932	1933
Number on the roll June 30 by—		
Sex and cause of retirement—		
Male	23,398	30,052
Retired for age	15,551	20,321
Retired for disability	5,056	6,063
Involuntary separation	1,310	1,433
30 years' service	1,431	2,235
Female	2,169	2,783
Retired for age	1,049	1,292
[illegible]	917	1,218
	94	106
30 years' service	109	167
Departments—		
State	20	33
Treasury	2,228	2,978
War	2,217	2,756
Justice	68	91
Post Office	13,836	17,619
Navy	3,578	4,501
Interior	833	975
Agriculture	606	885
Commerce	288	402
Labor	112	149
District of Columbia	251	333
Government Printing Office	752	948
Public Buildings and Parks	140	214
[illegible]	23	45
	260	449
	40	51
Library of Congress	42	53
General Accounting Office	161	187
Smithsonian Institution	48	57
All others	69	109

	1932	1933
Number on the roll June 30 by—		
Vocations—		
Mechanics	5,552	7,065
City letter carriers	4,722	5,534
Rural letter carriers	3,779	4,893
Post-office clerks	2,709	3,486
Railway postal clerks	1,871	2,662
Departmental	4,620	5,962
Laborers	1,801	2,442
Hazardous occupations and tropical service	385	599
Indian field service	128	202
Rates per annum—		
Less than $100	2	2
$100–$199	25	39
$200–$299	230	307
$300–$399	558	691
$400–$499	1,056	1,312
$500–$599	1,616	2,097
$600–$699	1,909	2,370
$700–$799	1,667	1,941
$800–$899	2,041	2,327
$900–$999	2,775	3,210
$1,000–$1,099	2,506	3,242
$1,100–$1,199	2,171	3,143
$1,200	8,745	11,783
$1,201–$1,299	264	370
$1,300–$1,399	2	1
[illegible]	$955	$965
[illegible]	24,425	31,691

[1] Involuntary separation included with age prior to 1930.
[2] Include[illegible] profits not shown separately.
[3] [illegible]
[4] [illegible] certain [illegible] wn separately.
[5] After adjustment on account of transfer of $1[illegible] disability fund.

Source: Veterans' Administration.

No. 155.—EXECUTIVE CIVIL SERVICE AND THE MERIT SYSTEM

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	1924	554,986	415,593
1821	8,211		1911	370,000	227,657	1925	564,718	423,538
1831	19,800		1913	443,605	282,597	1926	560,705	422,300
1841	23,700		1915	461,993	292,291	1927	559,138	422,998
1851	33,300		1916	438,057	296,926	1928	568,715	431,763
1861	49,200		1918	[2] 917,760	642,432	1929	587,665	445,957
1871	53,900		1920	[3] 691,116	497,603	1930	608,315	462,083
1881	107,000		1921	[3] 597,482	448,112	1931	616,837	468,050
1884(Jan.15)		13,780	1922	560,863	420,688	1932	[4] 578,231	467,161
1891	166,000	33,873	1923	548,531	411,398	1933	565,432	456,096

[1] Approximate. [2] As of Nov. 11. [3] As of July 31. [4] See note 3, Table 156, regarding data excluded.

No. 156.—EMPLOYEES IN THE FEDERAL EXECUTIVE CIVIL SERVICE

NOTE.—Does not include legislative or judicial services nor the commissioned, warranted, or enlisted. The government of the District of Columbia is also not included

Department or office	Total				Dec. 31, 1933				
	June 30, 1916	July 31, 1926	Dec. 31, 1931	Dec. 31, 1932	Total	In D. C.		Outside D. C.	
						Male	Female	Male	Female
Total	438,057	546,341	606,368	[1]564,103	591,675	45,364	30,086	455,666	60,559
Department of State	2,783	4,270	4,944	4,680	4,291	392	319	2,721	859
Department of the Treasury	30,629	51,519	52,526	52,043	44,435	5,880	7,758	25,628	5,169
Department of War	37,695	37,076	46,360	49,101	[2] 58,703	2,050	1,892	50,275	4,576
Department of Justice	2,610	3,671	9,002	8,987	6,784	931	516	4,324	1,013
Post Office Department [3]	250,885	308,164	315,528	273,583	270,000	2,867	780	243,180	23,173
Department of the Navy	35,722	42,506	47,304	46,936	49,195	6,317	1,117	39,864	1,897
Department of the Interior	19,347	12,201	14,983	14,483	25,254	4,909	1,955	15,678	2,712
Department of Agriculture	18,736	20,624	28,127	26,371	33,088	4,890	3,887	20,744	3,567
Department of Commerce	9,903	14,537	20,709	17,816	15,759	2,952	1,451	10,716	640
Department of Labor	2,504	4,041	5,563	5,494	4,713	413	453	3,221	626
Government Printing Office	4,028	4,142	5,043	4,758	4,666	3,796	870		
Smithsonian Institution	784	488	566	545	560	413	147		
Interstate Com. Com'n	2,243	1,856	2,379	2,311	1,911	989	299	600	23
Civil Service Commission	250	444	624	623	601	184	259	84	74
Federal Trade Commission	238	302	530	472	472	287	140	29	16
Merchant Fleet Corporation [4] [5]					440	217	126	72	25
Shipping Board		1,551	968	666	(6)				
Alien Property Custodian		233	127	118	71	34	37		
Tariff Commission		231	385	307	275	161	102	10	2
Employees' Comp. Com'n		68	178	176	163	39	72	22	30
The Panama Canal	19,291	9,690	10,200	9,888	8,998	62	11	8,455	470
Pub. Bldgs. and Pks., Nat. Cap.	217	2,274	3,193	3,060	(7)				
General Accounting Office		1,984	2,002	1,974	1,771	1,116	655		
Veterans' Administration		23,587	33,607	34,111	31,380	1,744	3,218	16,883	9,535
National Advisory Committee for Aeronautics		164	315	309	308	20	21	246	21
Federal Reserve Board [5]	(8)	204	202	208	272	117	118	37	
Board of Tax Appeals		109	147	145	132	56	76		
[illegible]				257	238	60	66	82	30
[illegible]				1,948	3,234	776	703	1,144	611
[illegible]				[9] 2,276	7,552	1,022	954	3,742	1,834
[illegible]				88	210	100	109	1	
[illegible]					145	55	80	9	1
[illegible]					206	100	96	10	
[illegible]					145	34	50	40	12
[illegible]					135	65	44	21	5
[illegible]					3,431	34	70	3,186	141
[illegible]					2,759	942	695	831	291
[illegible]					1,967	893	643	239	192
[illegible]					69	36	33		
Home Owners Loan Corporation [5]					6,968	243	275	3,449	3,001
Miscellaneous	192	405	376	354	374	168	70	123	13
In District of Columbia	39,442	59,569	69,435	66,302	75,450				
Outside Dist. of Columbia	398,615	486,772	536,933	497,801	516,225				

[1] [illegible] engaged on C. C. C. work.
[3] [illegible] and beginning 1932, also clerks at [illegible] previously included.
[4] [illegible] merly with Shipping Board.
[5] [illegible] to Civil Service Act.
[6] [illegible] Corporation and Department of Commerce.
[7] [illegible] Department. [8] In "Miscellaneous."
[9] [illegible] r 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.

Source of Tables 155 and 156: The Civil Service Commission.

No. 157.—CIVIL SERVICE: NUMBER OF PERSONS EXAMINED BY THE CIVIL SERVICE COMMISSION, NUMBER AND PER CENT WHO PASSED, NUMBER APPOINTED, AND APPROXIMATE NUMBER OF COMPETITIVE POSITIONS

Year ended June 30—	Total					Post office service [1]				Railway Mail Service [2]				All other services			
	Classified competitive positions [3]	Examined	Passed	Per cent that passed	Appointed	Classified competitive positions [3]	Examined	Passed	Appointed	Classified competitive positions [3]	Examined	Passed	Appointed	Classified competitive positions [3]	Examined	Passed	Appointed
1885 [4]	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	3,120	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
1911	227,657	105,024	70,159	66.8	23,256	127,228	42,750	34,149	9,328	17,428	3,972	6,760	1,982	83,001	53,302	29,250	11,946
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	[5] 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	57,694	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	243,510	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	4,788	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
Total from July 16, 1883		7,037,414	4,424,350	62.9	1,865,566		2,240,181	1,450,101	579,577		341,741	208,882	62,463		4,455,492	2,765,367	1,223,526

[1] Includes clerks, city carriers, village carriers, and employees in motor-vehicle service at classified post offices, rural carriers, fourth-class postmasters, and seapost clerks.
[2] Railway mail clerks classified May 1, 1889.
[3] At close of year or period; approximated.
[4] Jan. 16, 1884, to Jan. 15, 1885.
[5] 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.
[6] 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. 158.—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	----------	146,897	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	435,184	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	2,266,972
Colorado	189,617	250,877	14,018	469	1,928	457,696
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	255,590
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	1,576,927
Iowa	414,433	598,019	20,467	1,094	2,111	1,036,687
Kansas	349,498	424,204	18,276	----------	----------	791,978
Kentucky	394,716	580,574	5,249	----------	2,252	983,063
Louisiana	18,853	249,418	----------	----------	----------	268,804
Maine	166,631	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	----------	----------	4,753,698
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	66,062	----------	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	1,295,948	[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	----------	----------	136,986
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	5,133	----------	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 ... ectoral tickets specified in the table. In 1928 and 1932 they represent the enti ... 48,770 votes (35 States) cast for the Workers electors and 67,951 scattering, d ... lots, and in 1932, 53,425 votes (10 States) cast for the Liberty electors, 102,991 votes (39 States) cast for the Communist electors, and [illegible]

... In 1924 practically all the Socialist vote is included in votes in next column for ... official candidates of the Socialist Party as well as the Independent Progressive. ... dist 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. 159.—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
[illegible]			12	12		12		12		12			11
Missouri		18			10		10		10		10		9
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
Ohio		5			5	5		5		5			4
Oklahoma		24			24	24		24		24			26
Oregon		10			10	10			10	10			11
Pennsylvania		5		5		5		5		5			5
Rhode Island			38	38		38		38		38		36	
South Carolina		5		5		5		5			5		4
South Dakota		9			9		9		9		9		8
Tennessee			5	5		5		5		5			4
Texas		12			12	12			12	12			11
Utah		20			20		20		20	20			23
Vermont	4				4	4		4		4			4
Virginia	4			4		4		4		4		3	
Washington		12			12		12		12	12			11
[illegible]			7		7	7		7		7			8
[illegible]				7	1	8		8		8			8
Wyoming		13		13		13		(1)	(1)	13			12
		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. 160.—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	270,712
	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	9
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 ba[illegible] United States Govern-ment.—Four different [illegible] of the Government. These bases, in the ca[illegible] d revised), warrants issued, and collections [illegible] on the first three of these bases and also o[illegible] tements (unrevised) which are on a curren[illegible] e Treasury offices or public depositories. [illegible] 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. In order to show the actual receipts and [illegible] month or year, it is necessary to take into account these delayed reports. The figures [illegible] during a month or year which are calculated by the use of these reports are said to [illegible] 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 warrant[illegible] to the credit of disbursing officers at the end of the year but do not [illegible] year from unexpended balances of the preceding year.

Expenditures on the basis of checks issued (Table 167) 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.

All figures for receipts and expenditures include the figures of postal surpluses or deficiencies only and consequently leave out [illegible] gross figures of postal receipts and expenditures.

No. 161.—RECEIPTS AND EXPENDITURES: By Months

NOTE.—**All figures in thousands of dollars.** Figures are on the "current cash" basis shown by daily Treasury statements, unrevised; see general note above. Trust and contributed funds are included

Year and month	Ordinary receipts					Expenditures			
	Total	Customs	Income taxes	Miscellaneous internal revenue	Miscellaneous receipts	Total	General, excluding public debt retirements [1]	Public debt retirements	Emergency [1]
1932—January	107,748	27,181	20,494	39,833	20,241	232,927	232,919	8	
February	97,140	23,191	22,303	35,594	16,052	370,986	303,887	4	67,096
March	275,932	23,231	195,411	39,354	17,936	385,486	289,000	29	96,458
April	98,822	21,383	19,772	35,493	22,174	543,759	365,886	6	177,867
May	91,635	18,004	22,675	36,296	14,661	470,444	259,040	30,000	181,404
June	244,089	17,373	161,357	46,332	19,026	688,121	415,944	27,266	244,910
July	100,652	18,876	16,711	42,404	22,661	497,061	347,889		149,772
August	111,133	24,116	15,416	54,584	17,016	372,767	257,084		115,683
September	259,958	25,936	142,021	72,778	19,223	280,639	265,718	7	14,914
October	148,004	24,744	13,628	78,044	31,587	456,692	373,209		83,483
November	124,507	24,051	14,712	66,629	19,115	282,980	246,159		36,821
December	351,695	19,929	140,747	73,068	117,951	838,866	309,756	452,650	76,460
1933—January	134,044	18,352	15,629	69,703	30,360	359,509	245,740	2,045	111,724
February	121,312	16,443	24,475	64,376	16,018	360,341	213,086	5	147,250
March	283,186	17,444	180,712	67,214	17,815	439,475	282,368		157,107
April	130,552	17,400	19,124	69,332	24,696	461,471	352,464		109,007
May	167,152	20,516	16,436	93,519	36,682	462,547	263,157	6,896	192,493
June	306,162	22,943	146,594	106,506	30,119	493,675	411,351	1	82,323
Fiscal year 1933, total	2,238,356	260,750	746,206	858,218	383,182	5,306,623	3,567,980	461,605	1,277,038
1933—July	179,011	25,081	12,003	[2] 113,266	27,760	278,503	203,146	4	75,353
August	197,533	32,690	14,484	[2] 135,347	15,013	320,577	181,926		138,651
September	333,252	33,793	135,783	[2] 145,916	17,759	339,452	258,327		81,125
October	272,747	31,938	9,888	[2] 195,383	35,537	508,642	404,458		104,184
November	219,493	26,565	18,964	[2] 126,988	46,976	510,375	211,673	5,187	293,514
December	341,776	24,994	133,330	[2] 158,427	25,025	725,086	239,630	22,458	462,999
1934—January	229,118	26,306	10,136	[2] 162,676	29,999	997,022	164,319	24,695	808,008
February	[3] 3,024,210	23,275	22,719	[2] 148,652	[3] 2,829,565	643,965	196,641		447,324
March	[3] 434,555	23,122	232,007	[2] 166,860	[3] 12,566	623,592	173,779	5	449,809
April	[3] 199,278	23,792	15,165	[2] 136,983	[3] 23,338	[4] 2,983,939	314,315	300,001	369,623
May	[3] 246,801	21,041	24,561	[2] 162,257	[3] 38,941	563,226	205,365	7,420	350,441
June	[3] 411,337	20,837	188,021	[2] 169,886	[3] 32,593	749,347	326,146	96	423,106
Fiscal year 1934, total	[3] 6,089,110	313,434	817,961	[2] 1,822,642	[3] 3,135,072	[4] 9,243,726	2,879,726	359,864	4,004,136

[1] Emergency expenditures (except Reconstruction Finance Corporation) were not shown separately prior to the fiscal year 1934 and are included in general expenditures.

[2] Includes processing tax on farm products. This amounted to $353,049,000 for the fiscal year 1934.

[3] Includes increment resulting from reduction in weight of gold dollar as follows: $2,808,221,000 for February; $2,233,000 for March; $409,000 for April; $299,000 for May; $213,000 for June; and $2,811,376,000 for the entire fiscal year 1934.

[4] Total includes $2,000,000,000 exchange stabilization fund chargeable against increment on gold.

Source: Treasury Department.

No. 162.—RECEIPTS AND EXPENDITURES OF THE GOVERNMENT

NOTE.—In thousands of dollars. Figures prior to 1916 are on the basis of warrants issued (net); thereafter, on the basis of daily Treasury statements (unrevised). See general note, p. 158

Yearly average or year ended June 30—	Ordinary receipts	Expenditures chargeable against ordinary receipts		Surplus (+) or deficit (−)	Public-debt receipts, proceeds of bonds, and other securities [1]	Public-debt retirements chargeable against public-debt receipts and surplus revenues [1]	Postal revenues, excluding surplus postal receipts covered into the Treasury [2]	Postal expenditures, excluding postal deficiencies [2]
		Ordinary expenditures	Public-debt retirements					
1789–1800 [3]	5,717	5,776	----------	−59	2,304	2,023	117	108
1801–1810 [4]	13,055	9,086	----------	+3,969	[5] 296	4,261	403	390
1811–1820 [4]	21,032	23,942	----------	−2,910	11,095	8,325	862	823
1821–1830 [4]	21,923	16,161	----------	+5,762	[5] 1,500	6,780	1,400	1,415
1831–1840 [4]	30,460	24,494	----------	+5,966	[5] 2,516	[5] 5,932	3,347	3,272
1841–1850 [6]	28,545	34,097	----------	−5,553	[3] 13,220	7,118	4,622	4,589
1851–1860	60,237	60,162	----------	+75	7,306	7,698	6,798	6,947
1861–1865	160,907	683,785	----------	−522,878	776,719	254,381	10,961	10,357
1866–1870	447,300	377,642	----------	+69,658	330,503	377,607	16,422	17,443
1871–1875	336,830	287,459	----------	+49,370	89,352	148,818	23,642	23,661
1876–1880	288,124	255,598	----------	+32,526	227,036	238,662	29,762	29,253
1881–1885	366,961	257,691	----------	+109,270	61,348	167,671	42,011	42,466
1886–1890	375,448	279,134	----------	+96,314	35	94,672	52,508	52,120
1889	387,050	299,289	----------	+87,761	24	121,289	56,176	58,476
1890	403,081	318,041	----------	+85,040	22	104,664	60,882	59,408
1891	392,612	366,774	----------	+26,839	14	101,003	66,932	68,341
1892	354,938	345,023	----------	+9,914	15	24,348	70,930	72,990
1893	385,820	383,478	----------	+2,342	23	710	75,897	75,667
1894	306,355	367,525	----------	−61,170	50,014	256	75,080	76,808
1895	324,729	356,195	----------	−31,466	81,165	2,495	76,983	76,197
1896	338,142	352,179	----------	−14,037	131,169	7,294	82,499	81,043
1897	347,722	365,774	----------	−18,052	3	11,379	82,665	82,948
1898	405,321	443,369	----------	−38,047	6	20,942	89,013	87,663
1899	515,961	605,072	----------	−89,112	199,201	14,622	95,021	93,440
1900	567,241	520,861	----------	+46,380	118	22,790	102,355	100,534
1901	587,685	524,617	----------	+63,068	4	36,113	111,631	110,658
1902	562,478	485,234	----------	+77,244	2	56,224	121,848	122,407
1903	561,881	517,006	----------	+44,875	2	16,609	134,224	136,043
1904	541,087	583,660	----------	−42,573	3	18,623	143,583	145,893
1905	544,275	567,279	----------	−23,004	3	605	152,827	152,355
1906	594,984	570,202	----------	+24,782	2	245	167,933	165,802
1907	665,860	579,129	----------	+86,732	30,005	30,373	183,585	182,648
1908	601,862	659,196	----------	−57,334	40,068	34,357	191,479	195,501
1909	604,320	693,744	----------	−89,423	30,000	15,435	203,562	201,541
1910	675,512	693,617	----------	−18,105	----------	761	224,129	221,515
1911	701,833	691,202	----------	+10,631	17,642	246	237,880	237,661
1912	692,609	689,881	----------	+2,728	32,818	121	246,744	246,961
1913	724,111	724,512	----------	−401	1,930	103	266,620	261,082
1914	734,673	735,081	----------	−408	3,119	109	284,135	283,558
1915	697,911	760,587	----------	−62,676	934	48	283,748	291,945
1916	782,535	734,056	----------	+48,478	1,804	36	312,058	300,728
1917	1,124,325	1,977,682	----------	−853,357	2,309,408	630,605	324,526	319,890
1918	3,664,583	12,696,702	1,134	−9,033,254	16,684,031	7,191,930	295,845	322,628
1919	5,152,257	18,514,880	8,015	−13,370,638	29,333,159	16,294,773	274,941	362,161
1920	6,694,565	6,403,344	78,746	+212,475	15,835,737	16,935,869	431,937	418,607
1921	5,624,933	5,115,928	422,282	+86,724	8,824,908	8,722,285	463,491	489,506
1922	4,109,104	3,372,608	422,695	+313,802	5,909,974	6,501,280	484,772	481,316
1923	4,007,135	3,294,628	402,850	+309,657	7,259,576	7,486,533	532,828	524,366
1924	4,012,045	3,048,678	458,000	+505,367	2,179,002	2,815,266	572,949	574,774
1925	3,780,149	3,063,105	466,538	+250,505	3,047,368	3,351,827	599,591	616,120
1926	3,962,756	3,097,612	487,376	+377,768	2,986,137	3,339,655	659,820	640,286
1927	4,129,394	2,974,030	519,555	+635,810	5,157,256	5,768,778	683,122	687,365
1928	4,042,348	3,103,265	540,255	+398,828	6,830,218	7,195,011	693,634	693,675
1929	4,033,250	3,298,859	549,604	+184,787	5,169,698	5,293,489	696,948	687,709
1930	4,177,942	3,440,269	553,884	+183,789	3,695,460	3,877,696	705,484	711,986
1931	3,317,233	3,779,868	440,082	−902,717	6,547,754	5,489,918	656,463	656,886
1932	2,121,228	[7] 4,861,696	412,630	−[7] 3,153,098	9,561,159	6,498,621	588,172	590,846
1933	2,238,356	[7] 4,845,018	461,605	−[7] 3,068,267	9,603,199	6,139,425	587,631	582,626

[1] Exclusive of the deposits made by banks to retire national bank and Federal reserve bank notes and of payments made from this fund to retire such notes; these are in the nature of fiduciary transactions. Both columns include redemption-exchange transactions.

[2] 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 1933 the 3½ per cent salary deductions are included.

[3] Average for period Mar. 4, 1789, to Dec. 31, 1800.

[4] Years ended Dec. 31.

[5] Averages are for entire 10-year period though there were no receipts or retirements certain years.

[6] Average for period Jan. 1, 1841, to June 30, 1850.

[7] Revised to include net payments of $267,735,000 in 1932 and $1,277,088,000 in 1933 from credits established through purchase of obligations of Reconstruction Finance Corporation.

Source: Annual Report of the Secretary of the Treasury.

No. 163.—ORDINARY RECEIPTS OF THE GOVERNMENT: BY MAJOR SOURCES

NOTE.—In thousands of dollars. Figures prior to 1916 and thereafter figures for sales of public lands only are on [illegible] beginning 1916, figures other than for sales of public lands are on the basis [illegible] unrevised). See general note, p. 158

Yearly average or year ended June 30—	Total ordinary receipts	Customs [1]	Internal revenue		Sales of public lands	Surplus postal receipts	Miscellaneous receipts
			Income and profits tax	Miscellaneous			
1789-1800 [2]	5,717	5,020		[3] 375	[3] 9	[3] 30	283
1801-1810 [4]	13,055	12,046		201	456	[3] 22	329
1811-1820 [4]	21,032	16,383		1,544	1,623	50	1,429
1821-1830 [4]	21,923	19,852		31	1,388	(5)	649
1831-1840 [4]	30,460	20,470		5	7,452	(6)	2,533
1841-1850 [6]	28,545	25,649		[3] 1	2,085		809
1851-1860	60,237	54,498			4,582		1,156
1861-1865	160,907	68,988	[7] 28,006	[3] 27,283	555		16,994
1866-1870	447,300	178,903	50,603	171,315	2,109		44,368
1871-1875	336,830	186,200	7,760	112,217	2,223		28,429
1876-1880	288,124	146,594	(8)	116,697	1,025		23,808
1881-1885	366,961	201,963	[3] 29	132,102	6,086		26,799
1886-1890	375,448	216,557		126,683	8,097		24,111
1889	387,050	223,833		130,882	8,039		24,297
1890	403,081	229,669		142,607	6,358		24,447
1891	392,612	219,522		145,687	4,030		23,374
1892	354,938	177,453		153,971	3,262		20,252
1893	385,820	203,355		161,028	3,182		18,255
1894	306,355	131,819		147,111	1,674		25,752
1895	324,729	152,159	77	143,345	1,103		28,046
1896	338,142	160,022		146,763	1,006		30,352
1897	347,722	176,554		146,689	865		23,614
1898	405,321	149,575		170,901	1,243		83,603
1899	515,961	206,128		273,437	1,678		34,717
1900	567,241	233,165		295,328	2,837		35,911
1901	587,685	238,585		307,181	2,965		38,954
1902	562,478	254,445		271,880	4,144		32,009
1903	561,881	284,480		230,810	8,926		37,665
1904	541,087	261,275		232,904	7,453		39,455
1905	544,275	251,799		234,096	4,859		43,521
1906	594,984	300,252		249,150	4,880		40,703
1907	665,860	332,233		269,667	7,879		56,081
1908	601,862	286,113		251,711	9,732		54,306
1909	604,320	300,712		246,213	7,701		49,695
1910	675,512	333,683	20,952	268,982	6,356		45,539
1911	701,833	314,497	33,517	289,012	5,732		59,075
1912	692,609	311,322	28,583	293,029	5,393		54,283
1913	724,111	318,891	35,006	309,411	2,910		57,893
1914	734,673	292,320	71,381	308,660	2,572	3,800	55,940
1915	697,911	209,787	80,202	335,468	2,167	3,500	66,787
1916	782,535	213,186	124,937	387,765	1,888		54,759
1917	1,124,325	225,962	359,681	449,685	1,893	5,200	81,903
1918	3,664,583	179,998	2,314,006	872,028	1,969	48,631	247,950
1919	5,152,257	184,458	3,018,784	1,296,501	1,405	89,906	561,204
1920	6,694,565	322,903	3,944,949	1,460,082	1,910	5,213	959,508
1921	5,624,933	308,564	3,206,046	1,390,380	1,530		718,412
1922	4,109,104	356,443	2,068,128	1,145,125	895	81	538,431
1923	4,007,135	561,920	1,678,607	945,865	657		820,077
1924	4,012,045	545,638	1,842,144	953,013	522		670,728
1925	3,780,149	547,561	1,760,538	828,638	624		642,788
1926	3,962,756	579,430	1,982,040	855,599	754		544,932
1927	4,129,394	605,500	2,224,993	644,422	621		653,859
1928	4,042,348	568,986	2,173,953	621,019	385		678,006
1929	4,033,250	602,263	2,330,712	607,308	315		492,653
1930	4,177,942	587,001	2,410,987	628,308	396		551,250
1931	3,317,233	378,354	1,860,394	569,387	280		508,868
1932	2,121,228	327,755	1,057,836	503,670	170		232,296
1933	2,238,356	250,750	746,206	858,218	103		383,079

[1] Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax has been covered into the Treasury as miscellaneous receipts.
[2] Average for period Mar. 4, 1789, to Dec. 31, 1800.
[3] [illegible] period though there were no receipts under these items certain years.
[4] [illegible]
[5] [illegible]
[6] Average for period Jan. 1, 1841, to June 30, 1850.
[7] Average for 1863 to 1865.
[8] Average for 1881 and 1884.

Source: Annual Report of the Secretary of the Treasury.

No. 164.—ORDINARY EXPENDITURES OF THE GOVERNMENT: BY MAJOR CLASSES

NOTE.—In thousands of dollars. Figures prior to 1916 are on basis of warrants issued (net), thereafter on the basis of daily Treasury statements (unrevised) except as noted. See general note, p. 158

Yearly average or year ended June 30—	Total ordinary expenditures	Civil and miscellaneous [1]	War Department [1]	Navy Department [1]	Indians [2]	Pensions [2 3]	U. S. Veterans' Bureau [2 4]	Postal deficiencies [2 5]	Interest on the public debt
1789-1800 [6]	5,776	829	1,464	[7] 745	27	82	----------	----------	2,629
1801-1810 [8]	9,086	1,870	1,632	1,636	164	78	----------	----------	3,703
1811-1820 [8]	23,942	2,589	10,742	4,675	317	741	----------	----------	4,877
1821-1830 [8]	16,161	3,144	3,918	3,295	599	1,247	----------	----------	3,956
1831-1840 [8]	24,494	5,616	8,321	5,041	2,612	2,572	----------	----------	[7] 331
1841-1850 [9]	34,097	7,844	13,491	7,619	1,458	1,790	----------	[7] 195	1,701
1851-1860	60,162	21,233	15,784	11,996	3,206	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	----------	[7] 3,562	135,440
1871-1875	287,459	69,152	40,186	23,328	7,504	30,166	----------	5,544	111,580
1876-1880	255,598	56,819	37,170	15,990	5,405	35,051	----------	4,972	100,191
1881-1885	257,691	68,256	43,010	15,863	7,328	57,790	----------	[7] 1,703	63,742
1886-1890	279,134	82,365	40,085	17,872	6,429	82,657	----------	5,699	44,027
1889	299,289	94,088	44,435	21,379	6,892	87,625	----------	3,869	41,001
1890	318,041	94,832	44,583	22,006	6,708	106,937	----------	6,875	36,099
1891	365,774	115,708	48,720	26,114	8,527	124,416	----------	4,742	37,547
1892	345,023	95,790	46,895	29,174	11,151	134,583	----------	4,051	23,378
1893	383,478	97,786	49,642	30,136	13,345	159,358	----------	5,947	27,264
1894	367,525	93,694	54,568	31,701	10,293	141,177	----------	8,250	27,841
1895	350,195	82,263	51,805	28,798	9,940	141,395	----------	11,017	30,978
1896	352,179	77,916	50,831	27,148	12,166	139,434	----------	9,300	35,385
1897	365,774	79,252	48,950	34,562	13,017	141,053	----------	11,149	37,791
1898	443,369	86,016	91,992	58,824	10,995	147,452	----------	10,504	37,585
1899	605,072	110,980	229,841	63,942	12,806	139,395	----------	8,212	39,897
1900	520,861	131,680	134,775	55,953	10,175	140,877	----------	7,231	40,160
1901	524,617	131,977	144,616	60,507	10,896	139,324	----------	4,955	32,343
1902	485,234	125,111	112,272	67,803	10,050	138,489	----------	2,402	29,108
1903	517,006	133,073	118,630	82,618	12,935	138,426	----------	2,769	28,556
1904	583,660	131,357	165,200	102,956	10,438	142,559	----------	6,503	24,646
1905	567,279	127,968	126,094	117,550	14,236	141,774	----------	15,065	24,591
1906	570,202	131,630	137,326	110,474	12,747	141,035	----------	12,673	24,309
1907	579,129	145,642	149,775	97,128	15,164	139,310	----------	7,629	24,481
1908	659,196	162,532	175,840	118,037	14,580	153,892	----------	12,888	21,426
1909	693,744	167,001	192,487	115,546	15,695	161,710	----------	19,501	21,804
1910	693,617	171,581	189,823	123,174	18,504	160,696	----------	8,496	21,343
1911	691,202	173,839	197,199	119,938	20,934	157,981	----------	----------	21,311
1912	689,881	172,257	184,123	135,592	20,135	153,590	----------	1,568	22,616
1913	724,512	169,802	202,129	133,263	20,306	175,085	----------	1,027	22,899
1914	735,081	170,580	208,350	139,682	20,215	173,440	----------	----------	22,864
1915	760,587	200,533	202,160	141,836	22,130	164,388	----------	6,637	22,903
1916	734,056	191,753	183,176	153,854	17,570	159,302	----------	5,500	22,901
1917	1,977,682	1,141,123	377,941	239,633	30,598	160,318	3,326	----------	24,743
1918	12,696,702	6,075,053	4,869,955	1,278,840	30,888	181,138	68,863	2,221	189,743
1919	18,514,880	6,523,641	9,009,076	2,002,311	34,593	221,615	104,085	344	619,216
1920	6,403,344	2,663,412	1,621,953	736,021	40,517	213,344	107,730	115	1,020,252
1921	5,115,928	1,559,115	1,118,076	650,374	41,471	260,611	357,007	130,128	999,145
1922	3,372,608	626,654	457,756	476,775	38,500	252,577	464,998	64,346	991,001
1923	3,294,628	678,243	397,051	333,201	45,143	264,148	488,391	32,527	1,055,924
1924	3,048,678	691,624	357,017	332,249	46,754	228,262	439,531	12,639	940,603
1925	3,063,105	667,715	370,981	346,142	38,755	218,321	516,167	23,217	881,807
1926	3,097,612	730,569	364,090	312,743	48,442	207,190	563,134	39,506	831,938
1927	2,974,030	650,371	369,114	318,909	36,792	230,556	554,005	27,263	787,020
1928	3,103,265	765,859	400,990	331,335	36,991	229,401	574,844	32,080	731,764
1929	3,298,859	890,240	425,947	364,562	34,087	229,781	581,213	94,700	678,330
1930	3,440,269	994,774	464,854	374,166	32,067	220,609	602,738	91,714	659,348
1931	3,779,868	1,130,346	487,718	354,071	37,489	[10] 1,013,041		145,644	611,560
1932	[11] 4,861,696	[11] 2,137,111	478,889	357,821	32,608	[10] 1,053,114		202,876	599,277
1933	[11] 4,845,018	[11] 2,265,878	450,766	349,732	27,225	[10] 944,672		117,380	689,365

[1] Up to 1915, inclusive, civil expenditures under War and Navy Departments at Washington are included under the column, Civil and Miscellaneous; thereafter, under War and Navy Departments, respectively. War Department expenditures include those for rivers and harbors and the Panama Canal.

[2] Figures for Indians and Pensions, all years, for U. S. Veterans' Bureau prior to 1923, and for Postal deficiencies prior to 1922, are on the basis of warrants issued.

[3] Includes only Army and Navy pensions for service prior to World War and fees of examining surgeons. Does not include salaries under Bureau of Pensions or payments to veterans of the World War made by the War Risk Insurance Bureau and Veterans' Bureau.

[4] For 1917 to 1921, expenditures by Bureau of War Risk Insurance and for vocational rehabilitation. All figures include operations in Government life insurance trust funds and adjusted-service certificate fund.

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

[6] Average for period Mar. 4, 1789, to Dec. 31, 1800.

[7] Averages are for entire period, though there were no expenditures in certain years.

[8] Years ended Dec. 31.

[9] Average for period Jan. 1, 1841, to June 30, 1850.

[10] Expenditures of the Veterans' Administration, excluding expenditures from the civil service and Canal Zone retirement funds. Army and Navy pensions and fees of examining surgeons amounted to $233,324,000 in 1931, $232,237,000 in 1932, and $234,982,000 in 1933.

[11] See note 7, table 162.

Source: Annual Report of the Secretary of the Treasury.

No. 165.—EXPENDITURES OF THE GOVERNMENT CHARGEABLE AGAINST

NOTE.—All figures in thousands of dollars. Figures are on the basis of daily Treasury statements, unre
burse[illegible] gross expenditures in the case of some agencies, notably the War Depart

	1919	1920	1921	1922	1923
General expenditures, total [1]	11,747,271	3,231,652	3,079,884	2,135,868	1,950,041
Legislative establishment [2]	17,090	19,328	18,983	17,088	14,165
Executive proper [2 3]	17,467	6,676	210	219	349
State Department	20,766	13,586	8,781	9,667	15,463
Treasury Department [4 5]	227,278	322,316	488,637	209,105	145,017
War Department	8,995,880	1,610,587	1,101,615	454,731	392,734
Department of Justice	15,717	17,814	17,206	17,889	23,521
Post Office Department [5]	2,412	50,049	[7] 135,359	3,384	147
Navy Department	2,002,311	736,021	660,374	476,775	333,201
Interior Department [10]	288,286	279,245	357,815	331,814	354,623
Department of Agriculture	39,246	65,546	119,838	142,696	128,746
Department of Commerce	15,590	30,011	30,829	21,688	21,784
Department of Labor	12,943	5,415	8,503	6,227	7,241
Veterans' Administration [4]				[13] 376,750	[13] 461,719
[illegible] ns. [2 4]	75,376	59,409	119,943	43,872	28,712
[illegible]	16,014	19,988	22,715	23,732	24,054
Unclassified items	+895	−4,400	−923	+232	−1,436
Interest on public debt	619,216	1,020,252	999,145	991,001	1,055,924
Other special expenditures—					
Receipts [illegible]					
[illegible]				37,124	28,737
Internal revenue [6]				45,702	125,279
Postal deficiency [5]				64,346	32,527
Panama Canal	13,196	11,366	16,461	3,025	4,317
Railroads	358,795	[15] 1,039,672	[7] 730,712	[16] *139,469*	114,145
War Finance Corporation	302,622	[17] *228,472*	[8] *22,028*	94,428	[8] *109,436*
Shipping Board	1,820,607	530,566	130,723	87,206	57,024
Agricultural marketing fund (net)					
Alien property funds [3]				1,826	[8] *1,366*
[illegible]				[18] 32,000	
[illegible]				[8] *15,280*	2,482
Purchase of Federal farm loan bonds	86,580	20,644	16,781	718	
Subscription to stock, Federal land banks					
Farm Credit Administration					
Distribution of wheat and cotton for relief					
Reconstruction Finance Corporation [19]					
Adjusted service certificate fund					
Government life insurance fund [6]				24,599	26,672
Civil service retirement fund [10]				9,283	8,091
D. C. teachers' retirement fund [14]				231	191
Foreign Service retirement fund					
Canal Zone retirement fund					
General railroad contingent fund					
Total ordinary	18,514,880	6,403,344	5,115,928	3,372,608	3,294,628
Public debt retirements (chargeable against ordinary receipts) from—					
Sinking fund			261,100	276,046	284,019
Debt repayments from foreign countries, including U. S. bonds	7,922	72,670	73,939	64,838	100,893
[illegible]	93	3,141	26,349	21,085	6,569
[illegible] intermediate credit banks		2,922	60,725	60,333	10,815
Forfeitures, gifts, etc		13	169	393	555
Total	8,015	78,746	422,282	422,695	402,850
Total expenditures chargeable against ordinary receipts	18,522,895	6,482,090	5,538,209	3,795,302	3,697,478

[1] Totals prior to 1922 are not comparable with later years because of changes in classification of general expenditures.

[2] In the fiscal years 1921, 1922, and 1923, material changes were made in classification of expenditures between legislative establishment, executive proper, and other independent offices and commissions.

[3] Alien property funds included under executive proper prior to fiscal year 1922.

[4] Payments for veterans' relief made prior to Aug. 11, 1921, by the War Risk Insurance Bureau are included under Treasury Department, and by the Federal Board for Vocational Education, under other [illegible]. Figures shown under Veterans' Administration represent Veterans' Bureau, Bureau of Pensions, and Bureau of National Homes [illegible] establishment.

[illegible] and internal revenue receipts and investments of Government life insurance fund [illegible] Department and postal deficiency under Post Office Department prior to 1922.

[7] Post Office [illegible] Department [illegible] paid to the [illegible]. This resulted in a correspondi[illegible] control of [illegible].

[8] Deduct, excess of credits.

[9] Post Office Department expenditures include $42,997,000 and postal deficiency, $9,000,000, representing payment of so-called back railway mail pay to inland carriers.

[10] Civil service retirement [illegible] included under Interior Department prior to 1922.

[11] Patent Office and [illegible] from Interior Department to Commerce Department under executive orde[illegible]5, respectively.

ORDINARY RECEIPTS: By Major Classifications, Years Ended June 30

vised; see general note p. 158. Because of legislation establishing revolving funds and providing for reimment, Railroad Administration, and Shipping Board, have been considerably larger than here stated

1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
1, 828, 463	1, 837, 004	1, 826, 727	1, 857, 859	1, 953, 327	2, 106, 503	2, 162, 709	2, 390, 477	2, 601, 379	2, 402, 294
14, 316	13, 856	15, 776	19, 678	16, 402	17, 547	19, 987	23, 979	27, 318	21, 477
451	412	439	612	589	487	690	507	424	369
14, 669	15, 054	16, 521	16, 498	11, 607	13, 285	14, 170	15, 688	19, 292	15, 310
137, 411	128, 232	136, 579	151, 560	195, 649	200, 447	193, 114	[6] 204, 569	287, 744	266, 906
348, 630	361, 888	355, 072	360, 809	390, 541	416, 902	453, 525	478, 419	468, 227	438, 094
21, 134	23, 496	23, 774	24, 819	27, 600	28, 892	32, 483	[6] 44, 333	52, 330	44, 994
187	[8] *80*	96	189	277	[9] 43, 091	58	82	126	58
332, 249	346, 142	312, 743	318, 909	331, 335	364, 562	374, 166	354, 071	357, 821	349, 732
328, 228	302, 441	[11] 301, 759	302, 707	299, 000	301, 123	290, 028	[12] 71, 500	91, 363	79, 363
141, 116	164, 644	155, 350	156, 287	159, 915	171, 147	177, 581	296, 866	318, 976	250, 981
21, 430	25, 783	[11] 29, 132	30, 940	34, 383	39, 987	54, 299	61, 477	52, 700	45, 967
6, 620	9, 678	8, 545	9, 922	9, 821	11, 311	10, 654	12, 182	14, 702	13, 593
[13] 409, 121	[13] 384, 716	404, 692	391, 470	401, 325	417, 280	446, 956	729, 199	807, 765	788, 018
28, 262	27, 683	32, 069	35, 443	35, 681	40, 309	49, 496	49, 969	53, 917	45, 484
25, 873	32, 713	34, 411	37, 567	39, 400	40, 117	45, 080	47, 798	48, 423	41, 832
−1, 234	+347	−233	+449	−199	+18	+423	−162	+251	−784
940, 603	881, 807	831, 938	787, 020	731, 764	678, 330	659, 348	611, 560	599, 277	689, 365
20, 567	22, 921	27, 745	20, 321	21, 857	21, 826	24, 092	21, 369	17, 203	12, 577
127, 220	147, 777	182, 220	117, 412	148, 286	190, 728	133, 852	69, 888	83, 922	57, 763
12, 630	23, 217	39, 506	27, 263	32, 080	[9] 94, 700	91, 714	145, 644	202, 876	117, 380
8, 387	9, 093	9, 018	8, 305	10, 449	9, 046	11, 329	9, 299	10, 662	12, 673
35, 742	7, 205	2, 726	1, 043	[8] *620*	[8] *1, 858*	[8] *4, 796*	[8] *246*	[8] *1, 644*	[8] *732*
[8] *52, 540*	[8] *42, 902*	[8] *19, 691*	[8] *27, 066*	[8] *3, 818*	[8] *611*	[8] *59*	172	[8] *12*	[8] *9*
85, 491	30, 305	23, 043	19, 011	34, 882	15, 889	31, 695	33, 962	51, 541	28, 519
						149, 958	190, 541	136, 239	[8] *3, 255*
[8] *1, 151*	4, 018	3, 516	[8] *496*	[8] *351*	[8] *1, 345*	969	1, 186	221	[8] *71*
								125, 000	[8] *243*
									[8] *1, 462*
									34, 241
								767, 735	1, 277, 038
	99, 459	120, 152	115, 219	111, 818	111, 773	112, 313	224, 216	193, 964	[20] 109, 420
30, 410	31, 992	38, 290	47, 316	61, 702	52, 160	43, 469	59, 626	51, 385	46, 334
8, 028	9, 746	10, 816	[8] *425*	109	19, 955	20, 434	20, 304	20, 860	[20] 60, 917
233	258	297	290	514	503	517	571	602	548
	83	100	87	81	282	313	337	205	[20] 674
								[8] *26*	[20] 539
4, 584	1, 124	1, 209	871	1, 180	978	2, 412	962	308	508
3, 048, 678	3, 063, 105	3, 097, 612	2, 974, 030	3, 103, 265	3, 298, 859	3, 440, 269	3, 779, 868	[19] 4, 861, 696	[19] 4, 845, 018
295, 987	306, 308	317, 092	333, 528	354, 741	370, 277	388, 369	391, 660	412, 555	425, 660
149, 388	159, 180	169, 654	179, 216	181, 804	176, 214	160, 926	48, 246		33, 887
8, 897	48			2	20	73		1	
3, 635	794	568	1, 232	618	2, 933	4, 455	91	21	2, 037
93	208	63	5, 578	3, 090	160	61	85	53	21
458, 000	466, 538	487, 376	519, 555	540, 255	549, 604	553, 884	440, 082	412, 630	461, 605
3, 506, 678	3, 529, 643	3, 584, 988	3, 493, 585	3, 643, 520	3, 848, 463	3, 994, 152	4, 219, 950	[19] 5, 274, 326	[19] 5, 306, 623

[12] Bureau of Pensions transferred from Interior Department to Veterans' Administration in 1931.

[13] In 1922 to 1925 additional allotments for veterans' relief are included under the Treasury, War, and Navy Departments, and in 1924 and 1925 also under the Interior Department. In 1922 these allotments amounted to $31,746,000; in 1923, to $10,706,000; in 1924, to $6,411,000; and in 1925, to $6,058,000.

[14] Teachers' retirement fund included under District of Columbia prior to 1922.

[15] Includes $228,399,000 payments on certificates of indebtedness of Director General of Railroads.

[16] Deduct, excess of credits resulting from receipts of $266,637,000 from sale of equipment trust notes and $123,783,000 from sale or collection of other securities acquired under the Transportation Act, 1920. In 1923 and 1924 receipts [illegible] e included under miscellaneous receipts.

[17] Deduct, excess of [illegible] deposits by War Finance Corporation of proceeds of United [illegible]d.

[illegible] in 1920, $100,000,000 in 1921, and $25,000,000 in 1922 applied by U. S. Grain Cor[illegible]apital stock and reflected in miscellaneous receipts for those years; the 1921 figure [illegible]after taking into account credits.

[illegible]penditures of the Reconstruction Finance Corporation including payments [illegible] the Treasury.

[illegible]vice, and Canal Zone retirement funds and e[illegible]ervice certificate fund have been classified as receipts; formerly such items were used to offset expenditures for these funds.

Source: Annual Report of the Secretary of the Treasury.

No. 166.—RECEIPTS BY SOURCES: YEAR ENDED JUNE 30, 1933

[All figures in thousands of dollars. Data are on the basis of warrants issued. (See general note, p. 158)]

Source	Amount
ORDINARY RECEIPTS	
Revenue receipts:	
Customs	250,515
Internal revenue	1,809,634
Income taxes	746,791
Miscellaneous taxes	862,451
Collections under enforcement of national prohibition act [1]	391
[illegible]	7,691
[illegible] nks franchise tax	2,011
[illegible] in gold reserves of Federal Reserve banks	10
Immigration head tax	768
Tonnage tax	1,414
Tax on national-bank circulation	3,416
Taxes, licenses, etc., Canal Zone	71
Interest, exchange, and dividends	103,336
Interest on deferred collections or payments	424
Interest on bonds of foreign governments under funding agreements	67,190
Interest on farmers' seed loans	170
Interest on public deposits	2,256
Interest on obligations of Reconstruction Finance Corporation	24,369
Interest on money loaned from construction loan funds	3,765
Dividends, Panama Railroad	2,800
Railroad obligations [2]	530
Military and naval insurance [2]	599
Discount on Treasury obligations redeemed and purchased	1,085
Miscellaneous	148
Fines and penalties	3,281
Judicial	313
Customs Service	566
Immigration Service	77
Under enforcement of national prohibition act (judicial) [1]	1,909
Navy fines and forfeitures	342
Other	73
Fees	13,657
Agricultural commodities act	133
Board of Tax Appeals	63
Clerks, United States Courts	1,569
Commissions on telephone pay stations in Federal buildings	64
Consular and passport	4,191
[illegible]	250
[illegible]	152
[illegible]	59
[illegible]	255
Marshals, United States Courts	202
Naturalization	2,349
Navigation	169
Patent	4,062
Other	139
Forfeitures	1,045
Bonds of aliens, contractors, etc	264
Customs Service	139
Under enforcement of national prohibition act [1]	187
Unclaimed moneys and wages remaining in registry of courts	316
Other	139
Assessments	5,973
Colorado River Dam fund, Boulder Canyon project	61
Guaranty fund by farmers in connection with seed grain loans	106
On Federal Reserve banks [3]	2,017

Source	Amount
ORDINARY RECEIPTS—continued	
Revenue receipts—Continued.	
Assessments—Continued.	
On Fed. intermediate credit and Fed. and joint-stock land banks [4]	307
On national banks, salaries and ex-	2,322
[illegible]	488
[illegible]	[5] 138
[illegible]	76
Naval hospital funds	415
Other	42
Reimbursements	5,945
Collections under grain and cotton [illegible]	109
[illegible]	121
Expenses of redeeming national currency	472
[illegible]	289
[illegible]	119
ice observation and patrol	85
By contractors for excess of cost over contract price	563
By State of Arizona for expenditures, nonproduction of cotton zones for 1930 crop losses	146
Maintenance and [illegible] irrigation syster	326
Appropriations for Indian tribes	134
Collections, reclamation fund	2,349
By Dist. of Col., advances for acquisition of lands under act May 29, 1930	1,000
Other	232
Gifts and contributions	3,991
Forest Service cooperative work	2,344
Library of Congress gift fund	50
Library of Congress trust fund, investment account	110
Donations, National Park Service	300
For river and harbor improvement	594
For flood control	472
Other	120
Sales of property (products)	3,080
Scrap and salvaged materials, waste paper, etc	1,337
Agricultural products (incl. dairy)	68
Card indexes, Library of Congress	207
Public documents, charts, maps, etc	370
Electric current	[6] 664
Heat, light, and power	129
Ice	68
Occupational therapy products	56
Water	50
Other	140
Sales of services	23,617
Alaska Railroad fund	1,381
Laundry and dry cleaning	1,096
Overhead charges on sales of services or supplies (War and Navy)	82
Quarantine charges (fumigation, inspection, etc., of vessels)	218
Quarters, subsistence, etc	53
Radio service	49
Storage and other charges	184
Profits on sale of ships' stores, Navy	218
Telephone and telegraph service	241
Tolls and profits, Panama Canal	19,971
Work done for individuals, etc	70
Other	55

[1] Total collections under National Prohibition Act amounted to $2,487,000, made as follows: Under "Internal Revenue", $391,000; under "Fines and penalties", $1,909,000; under "Forfeitures", $187,000.
[2] Repayments to [illegible] cash receipts credited to appropriations.
[3] For salaries and [illegible] Board.
[4] For salaries, etc., [illegible].
[5] In addition to this amount, impounded salary savings and reserve for impounded salary savings under provisions of the economy act, as amended, totaled $52,812,000 and $10,685,000, respectively, exclusive of $54,361,000 impounded salary savings and $9,645,000 reserve therefor for the Postal Service.
[6] Includes $555,000 for Dam No. 2, Muscle Shoals, Ala., and $29,000 for Coolidge Dam, Ariz.

No. 166.—Receipts by Sources: Year Ended June 30, 1933—Continued

[All figures in thousands of dollars]

Source	Amount
ORDINARY RECEIPTS—continued	
Revenue receipts—Continued.	
Rents and royalties	4,738
Rent of public buildings and grounds	365
Rent of land	94
Rent of	76
Receipts	3,256
Royalti	775
Rent of Army tank cars	70
Rent of water-power sites	53
Other	48
Permits, privileges, and licenses	1,734
Alaska fund	187
Business concessions	176
Immigration permits	349
Licenses under Fed. water-power act	565
Permits to enter national parks	441
Other	16
Mint receipts—profits on coinage, etc.	1,432
Forest reserve fund	2,695
Postal receipts, Panama Canal	237
U. S. share, Dist. of Col. receipts	74
Total revenue receipts	2,042,676
Nonrevenue receipts:	
Army costs due U. S. from Germany	55
Repayment of investments	36,744
Railroad obligations [7]	445
Loans and credits to farmers [7]	2,651
Liquidation of capital stock, Federal land banks	62
Deposit by U. S. Ship. Bd. Mer. Fleet Corp. under Economy Act	1,938
Principal of bonds of foreign governments under funding agreements	31,568
Construction costs of public works in Colon and Panama	56
Other	25
Sales of public lands	103
Sales of property	4,079
Capital equipment—trucks, horses, cars, machinery, furniture, etc.	146
Land and buildings	145
Land, etc., on account of military post construction fund	287
War supplies	948
Oreg. and Calif. land-grant fund	107

Source	Amount
ORDINARY RECEIPTS—continued	
Nonrevenue receipts—Continued.	
Sales of property—Continued.	
Funds from sales of ships, etc., deposited for construction loans under merchant marine act, 1920	2,405
Other	40
Trust funds	126,187
Government life insurance fund	71,096
Adjusted service certificate fund	[8] 5,794
Canal Zone retirement fund	[9] 561
Civil service retirement fund	[9] 40,250
Foreign service retirement fund	[9] 262
Deposits, funds due incompetent beneficiaries, Veterans' Adm.	1,662
Deposits, general post fund, national homes, Veterans' Administration	235
Deposits of commissary funds, Federal prisons	259
Deposits of funds of Fed. prisoners	655
Pension money and personal funds, patients St. Elizabeths Hospital	253
Indian moneys—	
Proceeds of labor	818
Oil and gas leases, etc., Osage Res.	1,605
S	
etc.	362
Pay of the Navy and Marine Corps, deposit funds	195
Pay of the Army, deposit fund	904
Soldiers' Home permanent fund	346
Deposit of stars and stripes and other funds to recreation fund, Army	807
Miscellaneous trust funds	123
District of Columbia receipts (Dist. of Col. share, trust funds)	34,411
Revenue receipts	[10] 27,509
Nonrevenue receipts	6,902
Total nonrevenue receipts	201,578
Total ordinary receipts, warrants-issued basis	2,244,254
Adjustment to basis of daily Treasury statements	−5,898
Total ordinary receipts, basis of daily Treasury statements	2,238,356

[7] See note 2, p. 164. [8] Interest on investments and loans. [9] Contributions and interest on investments.
[10] United States revenue from District of Columbia sources is shown under revenue receipts above.

Source: Annual report of the Secretary of the Treasury.

No. 167.—DETAILS OF EXPENDITURES: Year Ended June 30, 1933

[All figures in thousands of dollars. Data are on the basis of checks issued. (See general note p. 158)]

Object of expenditure	Amount
GENERAL EXPENDITURES	
Legislative establishment	20,716
United States Senate	3,108
House of Representatives	7,606
Legislative, miscellaneous	49
Architect of the Capitol	6,535
Botanic Garden	120
Library of Congress	2,273
Government Printing Office	1,025
Executive office	370
Independent offices [1]	59,488
Alien Property Custodian	[2] *161*
American National Red Cross	55
American Battle Monuments Com'n	346

Object of expenditure	Amount
GENERAL EXPENDITURES—continued	
Independent offices—Continued.	
Arlington Memorial Bridge Com'n	352
Board of Mediation	158
Board of Tax Appeals	520
Bureau of Efficiency	129
Civil Service Commission	1,261
Employees' Compensation Com'n	4,345
Federal Bd. for Vocational Education	9,048
Federal Farm Board [3]	643
Federal Power Commission	295
Federal Radio Commission	733
Federal Reserve Board	2,030
Federal Trade Commission	1,335
General Accounting Office	3,789
Interstate Commerce Commission	7,053

[1] Exclusive of related items on p. 167, U. S. Shipping Board, Veterans' Administration, Farm Credit Administratio Finance Corporation.
[2] [3] For agricultural marketing fund see p. 167.

No. 167.—Details of Expenditures: Year Ended June 30, 1933—Continued

[All figures in thousands of dollars]

Object of expenditure	Amount
GENERAL EXPENDITURES—continued	
Independent offices—Continued.	
Nat'l Adv'y Com'tee for Aeronautics	861
Nat'l Cap'l Park and Planning Com'n	570
Pub. B'ldgs and Parks of the Nat'l Capitol	4,336
Railroad Adm'n and Transp'n Act	[2] *189*
Personnel Classification Board	39
Puerto Rican Hurricane Relief Com'n	352
Smithsonian Institution	376
National Museum	678
U. S. Supreme Court Bldg. Com'n	3,544
U. S. Tariff Commission	900
Chicago [illegible]	506
Geo. Rog[illegible]	581
George Washington Bicent. Com'n	150
Mount Rushmore Nat'l Mem. Com'n	51
Public Building Commission	50
Emergency Conservation work	[4] 14,248
Federal Home Loan Bank Board	217
National Banking Emergency Act	235
Other commissions, etc.	49
U. S. Shipping Board	28,320
Veterans' Administration[5]	854,001
Salaries and expenses	90,116
Hospital and domiciliary facilities and services	14,307
Military and naval compensation	315,625
Military and naval insurance	123,409
Adjusted service and dependent pay	2,252
Printing and binding	125
Army and Navy pensions	234,990
State and Territorial homes for dis[illegible]	758
G[illegible]	70,344
Miscellaneous	2,075
Department of Agriculture	255,475
Office of the Secretary	970
Office of Information	1,127
Library	103
Office of Experiment Stations	4,583
Extension service	1,534
Cooperative extension work	8,607
Weather Bureau	3,696
Bureau of Animal Industry	8,044
Meat inspection, Bureau of Animal Industry	5,020
Bureau of Dairy Industry	627
Bureau of Plant Industry	4,637
Forest Service	17,009
Cooperative work, Forest Service	2,119
Payments to States and roads and trails for States, national forests fund	805
Lands for protection of watersheds and streams	858
Bureau of Chemistry and Soils	1,603
Bureau of Entomology	2,205
Bureau of Biological Survey	1,784
[illegible] Highway	277
[illegible]	177,245
[illegible]on of roads and bridges	441
Bureau of Agricultural Economics	5,900
Bureau of Agricultural Engineering	496
Bureau of Home Economics	214
Bureau of Plant Quarantine	300
Enforcement of Grain Futures Act	174
Food and Drug Administration	1,583
Loans and credits to farmers	144
GENERAL EXPENDITURES—continued	
Department of Agriculture—Continued.	
Agricultural Adjustment Admn	17
Miscellaneous	3,355
Department of Commerce	45,315
Office of the Secretary	1,159
Aircraft in Commerce	9,339
Bureau of Foreign and Domestic Commerce	3,745
Bureau of the Census	3,181
Bureau of Navigation and Steamboat Inspection Service	1,384
Bureau of Standards	2,208
Bureau of Lighthouses	12,046
Coast and Geodetic Survey	3,368
Bureau of Fisheries	2,019
Patent Office	4,753
Bureau of Mines	1,852
Miscellaneous	259
Department of the Interior	78,933
Office of the Secretary	1,266
General Land Office	3,271
Bureau of Reclamation	25,211
Geological Survey	2,515
National Park Service	9,434
Office of Education	2,892
Government in Territories	3,504
Beneficiaries	2,862
Miscellaneous	[2] *6*
Indian affairs—	
Salaries and general expenses	2,090
Education	10,097
General support and civilization	1,532
Interest on Indian tribal funds	660
Tribal funds (trust funds)	4,985
Fulfilling treaty stipulations	574
Miscellaneous	8,135
Department of Justice	44,671
Office of the Attorney General—	
Salaries and expenses	1,610
Detection and prosecution of crimes	2,321
Bureau of Prisons	202
Bureau of Prohibition	[7] 9,087
Miscellaneous	497
Judicial—	
Salaries of judicial officers	3,050
Expenses, etc., United States courts	13,250
Penal and correctional institutions	14,434
Miscellaneous	221
Department of Labor	13,546
Office of the Secretary	656
Bureau of Labor Statistics	415
Bureau of Immigration	9,745
Bureau of Naturalization	896
Children's Bureau	339
Women's Bureau	143
Employment service	765
Miscellaneous	587
Navy Department	343,104
Office of the Secretary	1,797
Bureau of Navigation	5,568
Bureau of Engineering	20,245
Bureau of Construction and Repair	15,940
Bureau of Ordnance	11,642
Bureau of Yards and Docks	19,399

[2] Excess credits [illegible]

[4] [illegible] of $14,240,000 from "Army account of advances" on account of the Emergency Relief for the fiscal year 1933, as adjustments between "Army account of advances" and the Emergency Conservation fund did not reach the Treasury until after the close of the year; this largely accounts for differences in expenditures of the War Department and independent offices on a check-issued basis and on a cash basis.

[5] Exclusive of adjusted service certificate fund and civil service and Canal Zone retirement and disability funds, see p. 167.

[6] [illegible]

[7] [illegible] [Public Roads.

[illegible] year accounts were made under Treasury Department.

[illegible] Bureau of Industrial Alcohol, Treasury Department, amounted to $3,965,000.

No. 167.—Details of Expenditures: Year Ended June 30, 1933—Continued

[All figures in thousands of dollars]

Object of expenditure	Amount
GENERAL EXPENDITURES—continued	
Navy Department—Continued.	
Bureau of Supplies and Accounts—	
Fuel and transportation	5,588
Maintenance	8,962
Naval supply account fund	[2] *13,696*
Pay, subsistence, etc., Navy	142,440
Other items	438
Bureau of Medicine and Surgery	1,768
Bureau of Aeronautics	31,381
Naval Academy	1,761
Marine Corps—Pay	14,607
General expenses and other items	6,343
Alterations to Navy vessels	12,418
Increase of Navy	48,320
Salaries, Navy Department	3,705
Contingent expenses, etc	836
Miscellaneous	3,641
Post Office Department [8]	59
Department of State	15,058
Salaries and expenses	2,030
Foreign intercourse [9]	13,045
Special deposit accounts	[2] *18*
Treasury Department [10]	267,832
Office of the Secretary	141
Office of the Chief Clerk and Supt	684
Division of Supply	1,093
General Supply Committee	163
Office Com. of Accounts and Deposits	98
Division of Bookkeeping and Warrants	1,078
Public Debt Service	3,212
Division of Appointments	40
Office of Disbursing Clerk	49
Bureau of Customs [10]—	
Collecting the revenue	19,472
Miscellaneous expenses	9
Bureau of the Budget	172
Federal Farm Loan Bureau	735
Office of Treasurer of the United States	1,532
Office of Comptroller of Currency	2,756
Bureau of Internal Revenue [10]—	
Collecting the revenue	29,912
Bureau of Prohibition—Enforcement of narcotics and prohibition acts	[11] 3
Bureau of Industrial Alcohol [10]	3,893
Bureau of Narcotics	1,211
Coast Guard	29,230
Bureau of Engraving and Printing	5,528
Secret Service Division	661
Public Health Service	10,378
Bureau of the Mint	1,204
Office of Supervising Architect—	
Operating expenses, public buildings	14,806
Repairs, equipment, etc., pub. bldgs	7,018
Sites, construction, etc	105,610
To promote the education of the blind	75
Outstanding liabilities (trust fund)	[2] *284*
Miscellaneous	[2] *1,003*
Settlement of war claims act of 1928	137
Stock, Fed. intermediate credit banks	28,000
War Department (excl. Panama Canal)	[12] 420,422
Military activities—	
Office of the Secretary	680
General Staff Corps	116
Adjutant General's Department	104
Judge Advocate General's Dept	256
Salaries, War Department	4,447
Finance Department—	
Pay of the Army	127,715
Finance service	982
Judgments and miscellaneous	3,371
Quartermaster Corps—	
Army transportation	12,599
Clothing and equipage	6,865
Quartermaster Corps—Continued.	
Barracks and quarters and other buildings and utilities	14,538
Construction of buildings, etc., at military posts	11,619
Construction and repair of hospitals	546
Incidental expenses of the Army	3,269
Regular supplies of the Army	4,489
Subsistence of the Army	18,490
Other	308
Signal Corps	2,925
Air Corps	21,930
Medical Department	1,533
Corps of Engineers	516
Ordnance Department	10,015
Chemical Warfare Service	1,239
Chief of Infantry	60
Chief of Cavalry	18
Chief of Field Artillery	25
Chief of Coast Artillery	27
Seacoast Defenses	1,806
Seacoast Defenses, Panama Canal	615
Military Academy	2,516
Militia Bureau	33,170
Organized Reserves	5,746
Citizens' military training	6,460
National Board for Promotion of Rifle Practice	258
Accounting funds	[2] [12] *929*
Special deposit accounts	189
Nonmilitary activities—	
National cemeteries	930
National military parks	451
Miscellaneous, Quartermaster Corps	615
Signal Corps	194
Corps of Engineers, miscellaneous	47
Rivers and harbors	118,111
War claims and relief acts	52
Trust funds	1,405
Miscellaneous	104
Total general expenditures	2,447,108
OTHER ITEMS	
Interest on public debt	689,243
Public debt retirements chargeable against ordinary receipts [13]	461,605
Postal deficiency	117,380
Refunds of receipts—	
Customs	12,610
Internal Revenue	55,618
Bureau of Industrial Alcohol	72
Panama Canal	11,418
Reconstruction Finance Corporation	1,277,038
Additional stock Fed. land banks	[2] *243*
Farm Credit Administration	[2] *933*
Agricultural marketing fund (net)	[2] *5,504*
Distribution of wheat and cotton for relief	35,106
Adjusted service certificate fund	107,602
Civil service retirement fund	61,192
Foreign service retirement fund	678
Canal Zone retirement fund	545
Dist. of Col. (incl. trust funds)	42,029
Total other items	2,865,854
Total expenditures chargeable against ordinary receipts, checks-issued basis	5,312,763
Adjustment between checks issued and cash expenditures	−6,140
Total cash expenditures chargeable against ordinary receipts	5,306,623

[2] Excess credits, deduct. [8] Excludes Postal Service payable from postal revenues and postal deficiency.
[9] Exclusive of Foreign Service retirement fund. [10] Excluding refunds of receipts.
[11] For additional expenditures see under Department of Justice.
[12] Exclusive of the $14,240,000 referred to in note 4, p. 166. [13] For details see p. 163.

Source: Annual Report of the Secretary of the Treasury.

No. 168.—APPROPRIATIONS BY CONGRESS FOR YEARS ENDED JUNE 30

N[illegible] dollars. Amounts shown for a specified year differ from the actual [illegible]ce the former include d[illegible] for prior years and [illegible] provided subsequently as [illegible]

Branch	Number of Congress and fiscal year for which appropriated					
	67th, 1923	67th, 1924	68th, 1925	68th, 1926	69th, 1927	69th, 1928
Legislative	15,165	14,786	14,648	15,720	20,160	16,480
Executive Office	351	497	426	534	824	438
Independent offices	757,413	522,503	411,216	596,347	639,941	520,041
District of Columbia	26,652	26,633	27,967	40,209	38,459	38,920
Department of Agriculture	145,545	110,662	74,637	146,715	167,572	153,430
Department of Commerce	20,784	22,116	24,123	25,143	31,526	36,822
Department of the Interior	328,256	343,519	202,323	274,826	270,351	285,800
Department of Justice	20,676	23,846	24,227	28,104	27,200	26,432
Department of Labor	8,607	7,519	8,364	9,338	10,184	10,160
Navy Department	300,514	325,323	278,601	324,752	325,791	320,466
Post Office Department:						
Payable from Treasury [1]	554	442	173	244	32	18
Payable from postal revenues [2]	572,528	596,909	629,199	651,256	842,420	755,364
Department of State	17,570	15,896	15,246	18,187	17,819	12,312
Treasury Department	243,845	279,612	269,355	340,915	339,207	345,269
Interest on the public debt	[3] 1,100,000	940,000	865,000	830,000	795,000	755,000
Sinking fund and debt retirements chargeable against ordinary receipts	330,089	507,011	471,806	484,766	515,583	563,630
War Department	359,592	355,211	341,340	364,625	367,386	370,429
Total	4,248,141	4,092,544	3,748,652	4,151,682	4,409,463	4,211,011
Deduct amount payable from postal revenues [2]	572,528	596,909	629,199	651,256	842,420	755,364
Net total	**3,675,612**	**3,495,635**	**3,119,453**	**3,500,426**	**3,567,044**	**3,455,647**

	70th, 1929	*70th, 1930*	*71st, 1931*	*71st, 1932*	*72d, 1933*	72d and 73d, 1934
Legislative	18,970	21,338	29,521	27,839	20,666	17,426
Executive Office	437	594	628	475	395	369
Independent offices	648,089	661,319	1,169,250	1,383,294	1,873,491	4,061,013
District of Columbia	41,541	42,569	52,483	50,143	45,142	34,644
Department of Agriculture	163,668	169,660	220,288	422,203	372,170	211,544
Department of Commerce	40,713	60,508	61,301	54,960	45,213	36,943
Department of the Interior	353,332	334,467	87,150	101,765	82,136	56,684
Department of Justice	29,049	30,771	42,248	58,522	46,340	42,260
Department of Labor	11,181	11,429	12,849	15,036	13,738	14,839
Navy Department	394,736	379,152	389,183	377,973	332,084	310,611
Post Office Department:						
Payable from Treasury [1]	67	28	43,075	54	84	36
Payable from postal revenues [2]	776,975	842,125	840,271	844,610	807,887	713,421
Department of State	15,609	15,826	18,778	18,796	14,151	12,822
Treasury Department	455,474	427,393	372,557	278,587	519,421	556,490
Interest on the public debt	675,000	640,000	619,000	581,000	640,000	725,000
Sinking fund and debt retirements chargeable against ordinary receipts	541,942	553,068	635,324	468,510	496,803	534,070
War Department	466,795	474,990	477,799	494,758	475,582	364,276
Total	4,633,578	4,665,237	5,071,712	5,178,525	5,785,253	7,692,447
Deduct amount payable from postal revenues [2]	776,975	842,125	840,271	844,610	807,887	713,421
Net total	**3,856,603**	**3,823,112**	**4,231,440**	**4,333,915**	**4,977,366**	**6,979,026**

[1] Figures cover only appropriations which have been specifically designated by Congress as payable from the Treasury and are exclusive of amou[illegible] appropriations [illegible]ury) provided by law [illegible] (See note 2.) [illegible] amounts which may [illegible] is (payable from [illegible] deficiencies, if any, in the postal revenues.

[3] [illegible] on war-savings certificates, series of 1918, to be paid during the [illegible] the full 5 years of their life.

Source: Treasury Department.

No. 169.—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 161, 163, and 166 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 [1]	Fermented liquors [1]	Tobacco [1]	Income and profits [2]	Legacies, inheritances, etc.	Sales of manufacturers and dealers [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	50,604	2,277	63,283	14,932	25,580
1871–1875	119,971	49,877	8,684	34,450	7,760	[6] 2,505	2,931	9,745	6,024
1876–1880	116,081	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	150,262	86,898	30,841	30,802	[6] 77	----------	3	(7)	1,703
1896–1900	206,624	92,876	49,593	41,900	----------	[8] 2,060	1,971	[9] 25,253	4,307
1901–1905	255,314	128,178	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	155,854	68,063	74,866	49,737	----------	739	[6] 20,494	3,494
1916–1920	2,856,761	226,293	93,352	169,853	1,984,473	[10] 59,799	77,800	35,650	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	2,894,284	[11] 17,482	4	405,614	2,222,032	81,262	55,484	51,586	60,819
1908	251,666	140,159	59,808	49,863	----------	----------	176	----------	1,661
1909	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	76,789	35,006	----------	156	----------	2,326
1914	380,009	159,098	67,082	79,987	71,381	----------	128	----------	2,333
1915	415,681	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	2,600,784	82,030	79,400	43,751	355,131
1920	5,407,580	97,905	41,966	295,809	3,956,936	103,636	267,969	81,259	562,100
1921	4,595,357	82,598	25	255,219	3,228,138	154,043	229,398	69,864	576,071
1922	3,197,451	[11] 45,563	46	270,759	2,086,918	139,419	174,361	55,919	424,464
1923	2,621,745	[11] 30,354	4	309,015	1,691,090	126,705	185,117	61,490	217,970
1924	2,796,179	[11] 27,580	5	325,639	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	16	370,666	1,974,104	[12] 119,216	150,167	49,801	145,594
1927	2,865,683	[11] 21,195	1	376,170	2,219,952	100,340	66,651	32,603	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	----------	398,579	1,056,757	47,422	96	27,854	18,317
1933	1,619,839	[11] 7,935	35,239	402,739	746,791	[12] 34,310	243,616	53,430	[13] 95,779

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	8,689	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	----------	----------	----------	1,859
1924	34,662	10,419	87,472	77,713	1933	22,032	4,186	----------	15,521
1925	----------	----------	90,003	30,908					

[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, and munition manufacturers' tax for 1917 and 1918.

[3] Revised to include tax on adulterated, process, or renovated butter, mixed flour, and filled cheese, 1901 to 1918, stamp tax on medicinal articles and preparations, 1898 to 1902, and excise tax on perfumery, cosmetics, etc., 1915 to 1922; these items were formerly included under "Miscellaneous" or "Stamps" for the years named. Excise taxes on nonalcoholic cereal beverages, soft drinks, etc., shown separately in second part of table, are not included. 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.

[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 amounting to $7,518,000 in 1925, $3,175,000 in 1926, and $4,617,000 in 1933.

[13] Includes $40,822,000 tax on checks and safe-deposit boxes in addition to items shown in detail below.

Source: Annual Report of the Secretary of the Treasury.

No. 170.—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 169

Source	1929	1930	1931	1932	1933
Grand total	2,939,054	3,040,146	2,428,229	1,557,729	1,619,839
Income tax	2,331,274	2,410,259	1,860,040	1,058,757	746,791
Corporation [1]	1,235,733	1,263,414	1,026,393	629,566	394,218
Individual	1,095,541	1,146,845	833,648	427,191	352,574
Estate tax: Transfer of estates of decedents	61,897	64,770	48,078	47,422	29,693
Gift tax: Transfer of any property by gift					4,617
Distilled spirits, etc	12,777	11,895	10,432	8,704	7,944
[illegible]	11,590	10,717	9,579	7,907	6,745
[illegible]	293	239	228	187	209
wines	268	124	63	74	48
Rectifiers; retail and wholesale liquor dealers;	528	526	519	506	878
[illegible]	98	88	42	31	56
spirits					9
Fermented liquors (Revenue Act of 1918)					35,230
Nonintoxicating liquors (act of Mar. 22, 1933)					81
Fermented vinous or fruit-juice liquors					33,081
Fermented malt liquors					
Brewers; retail and wholesale dealers in malt liquor (special taxes)					2,068
Tobacco	434,445	450,339	444,277	398,579	402,738
Cigars (large)	22,549	21,141	18,025	14,208	11,305
Cigars (small)	323	302	271	227	174
Cigarettes (large)	83	65	46	32	21
Cigarettes (small)	341,952	359,816	358,915	317,533	328,418
Snuff	7,127	7,542	7,190	6,846	6,405
Tobacco, chewing and smoking	61,159	60,098	58,377	58,030	55,450
Cigarette papers and tubes	1,180	1,324	1,442	1,701	958
Miscellaneous collections	73	51	10	3	7
Stamp taxes (not elsewhere enumerated)	64,174	77,729	46,954	32,241	57,578
Bonds of indebtedness, issues of capital stock, deeds of conveyance, etc	17,868	22,611	14,757	9,199	16,035
Capital stock and similar interest sales or transfers	37,596	46,698	25,520	17,696	33,188
Sales of produce (future delivery)	3,333	3,600	1,683	959	4,207
Playing cards	5,376	4,819	4,994	4,387	3,908
Use of yachts and boats (domestic and foreign)					240
Manufacturers' excise taxes, Revenue Act of 1932					247,751
[illegible]					16,233
[illegible]					5,708
Matches					2,872
Gasoline					124,929
Electrical energy					28,563
Tires and inner tubes					14,980
Toilet preparations, etc					9,603
Articles made of fur					7,546
Jewelry (watches, clocks, opera and field glasses, etc.)					3,068
Automobile trucks					1,654
Other automobiles and motorcycles	(2)	(2)			12,574
Parts or accessories for automobiles					3,597
Radio sets, phonograph records, etc					2,207
Mechanical refrigerators					2,112
Sporting goods					2,702
Firearms, shells, and cartridges					897
Cameras and lenses					170
Candy and chewing gum					4,150
Soft drinks					4,186
Miscellaneous taxes:					
Telephone, telegraph, radio, and cable facilities, leased wires, etc					14,565
Transportation of oil by pipe line					7,467
Admission to theaters, concerts, cabarets, etc	6,083	4,231	2,779	1,859	15,521
[illegible] xes					2,365
[illegible] for payment of money					38,456
Adulterated and process or renovated butter, mixed flour and filled cheese	12	12	12	9	16
[illegible]	3,611	3,919	2,681	1,745	1,347
[illegible]	605	589	607	521	457
[illegible]	727	1,105	586	491	530
[illegible]	11,245	12,521	11,478	9,205	6,679
[illegible] and revolvers	166	344	138	87	35
Other miscellaneous receipts	12,038	2,633	167	111	57

[1] [illegible] [2] [illegible] "Other miscellaneous receipts."

Source: Annual Report of the Commissioner of Internal Revenue.

No. 171.—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 169

[All figures in thousands of dollars]

Division and State	Income taxes				Miscellaneous internal revenue			
	1930	1931	1932	1933	1930	1931	1932	1933
Total	2,410,259	1,860,040	1,056,757	746,791	629,887	568,188	500,972	873,048
New England	182,362	140,150	76,584	59,808	11,740	9,569	6,891	20,787
Maine	7,928	6,394	3,939	3,037	743	356	415	686
New Hampshire	3,287	2,774	1,467	1,218	472	782	219	573
Vermont	2,146	1,700	858	605	84	51	107	254
Massachusetts	109,683	83,431	45,075	35,170	6,060	5,064	4,072	14,219
Rhode Island	13,863	10,856	6,189	5,210	1,445	425	527	1,208
Connecticut	45,455	34,994	19,056	14,568	2,936	2,892	1,351	3,847
Middle Atlantic	1,138,021	860,862	488,536	342,687	145,085	99,173	86,191	219,390
New York	830,165	614,961	348,551	240,002	98,790	57,211	46,438	136,345
New Jersey	94,812	71,658	42,808	37,330	20,136	25,943	27,537	34,145
Pennsylvania	213,044	174,243	97,177	65,355	17,159	16,019	12,216	48,900
East North Central	534,674	417,725	220,183	131,970	56,980	42,953	37,178	131,009
Ohio	126,150	96,003	47,532	30,285	19,480	16,929	14,282	39,192
Indiana	23,340	19,095	10,892	8,438	2,958	2,336	1,475	5,482
Illinois	223,375	173,676	91,461	56,453	23,762	17,112	15,215	49,662
Michigan	127,675	102,368	55,141	29,200	9,401	4,907	4,836	25,174
Wisconsin	34,134	26,584	15,157	7,594	1,379	1,580	1,369	11,499
West North Central	115,324	90,590	55,168	41,161	14,791	14,410	11,249	34,332
Minnesota	28,598	20,803	12,987	10,028	1,840	2,480	1,316	5,247
Iowa	12,843	9,897	6,166	4,307	526	499	292	2,140
Missouri	50,542	40,907	25,471	19,594	11,482	10,830	9,191	20,112
North Dakota	524	352	235	221	32	14	12	231
South Dakota	840	719	415	267	48	30	33	345
Nebraska	5,309	4,573	3,030	2,357	397	206	129	1,506
Kansas	16,668	13,340	6,864	4,297	466	351	277	4,751
South Atlantic	160,897	131,683	85,104	71,108	348,824	355,177	316,124	311,883
Delaware	39,103	32,877	15,232	11,511	1,042	1,165	1,216	1,009
District of Columbia	14,784	12,716	7,450	6,273	940	1,969	1,000	2,191
Maryland	35,954	28,458	21,823	18,949	2,530	1,716	1,668	4,152
Virginia	18,592	19,207	13,325	9,677	78,103	94,555	86,647	94,122
West Virginia	9,451	8,670	4,982	3,026	2,689	2,482	2,095	2,791
North Carolina	16,981	13,720	11,464	12,761	257,276	249,129	219,675	200,727
South Carolina	2,802	1,807	1,504	1,051	217	171	274	683
Georgia	12,146	6,389	4,186	3,581	375	323	228	2,892
Florida	11,084	7,839	5,138	4,279	5,652	3,668	3,322	3,316
East South Central	35,943	25,808	14,115	10,518	22,174	21,894	24,707	56,829
Kentucky	14,946	10,711	5,619	4,172	17,432	17,775	20,655	49,958
Tennessee	12,294	9,284	5,457	4,247	4,184	3,848	3,642	4,574
Alabama	6,657	4,308	2,263	1,627	504	306	352	1,671
Mississippi	2,046	1,503	776	472	54	66	58	426
West South Central	68,442	55,745	33,653	22,838	3,878	2,739	2,105	47,000
Louisiana	10,569	7,667	5,219	3,964	1,630	1,232	1,040	5,488
Texas	36,963	31,605	17,449	13,296	1,921	1,195	853	20,871
Oklahoma	17,872	14,657	10,006	4,993	208	265	160	19,788
Arkansas	3,038	1,816	979	585	119	98	53	853
Mountain	24,258	24,641	10,619	8,484	1,438	812	625	4,048
Montana	2,531	1,690	751	636	80	102	120	506
Wyoming	723	570	346	335	29	26	60	187
Colorado	12,048	15,272	5,148	3,825	420	395	246	1,879
New Mexico	858	608	356	281	67	82	21	224
Arizona	2,827	2,194	858	560	139	68	58	290
Utah	3,122	2,322	1,396	857	104	59	51	579
Nevada	1,321	1,298	1,299	1,523	558	48	47	158
Idaho	828	685	465	467	41	32	20	225
Pacific	144,903	108,321	69,323	55,404	24,433	20,543	15,308	47,192
Washington	13,644	10,629	5,371	3,375	660	737	370	1,880
Oregon	5,376	4,111	2,383	1,556	368	321	178	1,111
California	125,883	93,582	61,569	50,473	23,405	19,484	14,761	44,201
Philippine Islands					325	333	357	328
Hawaii	5,298	4,382	3,349	2,663	218	434	437	405
Alaska	138	134	123	152	1	2	1	45

Source: Annual Report of the Commissioner of Internal Revenue.

No. 172.—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. [illegible] ious revenue laws the following individuals were required to file personal re[illegible] with net income of $3,000 and over; 1917 to 1924 and 1932, $1,000 and over; [illegible]; or if married and living with husband or wife filing a joint return, $2,000 [illegible]24 and 1932, 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 Hawaii

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	6,208,578	51,441	121,946			173,387
1917	3,472,890	2,707,234	765,656	13,652,383	156,897	433,346			[2] 795,381
1918	4,425,114	3,392,863	1,032,251	15,924,639	476,433	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	19,577,212	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	38,915	[3] 220,555	661,666
1924	7,369,788	4,489,698	2,880,090	25,656,153	257,795	437,541	48,603	39,673	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	688,825	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	1,001,938
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
1931 (prel.) [4]	3,116,317	1,455,007	1,661,310	13,231,352	80,389	182,902	19,033	41,042	241,283
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

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]			
1910	270,202	[6] 54,040	[7] 216,162		3,761,000	[8]			
1911	288,352	[6] 55,129	[7] 233,223		3,503,000	[8]			
1912	305,336	[6] 61,116	[7] 244,220		4,151,000	[8]			
1913	316,909	188,866	128,043		4,714,000	[8]	[9] [10] 43,128	[9] [10] 43,128	
1914	[11] 299,445	174,205	125,240		3,940,000	[8]	[9] 39,144	[9] 39,144	
1915	[11] 366,443	190,911	175,532		5,310,000	[8]	[9] 56,994	[9] 56,994	
1916	341,253	206,984	134,269		8,766,000	657,000	171,805	171,805	
1917	351,426	232,079	119,347		10,730,000	630,000	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		7,902,555	2,029,424	1,625,235	636,508	988,726
1921	356,397	171,239	185,158		4,336,048	3,873,219	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	8,981,384	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	11,653,386	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	175,898	283,806	56,700	3,683,368	6,970,913	398,994	398,994	
1931 (prel.) [4]	493,293	170,683	269,704	52,906	3,110,643	6,087,627	331,120	331,120	
1932 (prel.) [4]	481,368	78,775	348,954	53,639	1,851,575	6,420,294	277,689	277,689	

[1] See Table 173 for items included.
[2] Includes war excess-profits taxes of $101,250,000 on individuals and of $103,388,000 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 [illegible]
[7] Returns showing net income not in exc[illegible] or deficit. [8] Not available.
[9] Receipts for year ended June 30 following year in stub as reported by Commissioner of Internal Revenue.
[10] Includes excise tax of $10,071,000.
[11] Figures for 1915 contain approximately 30,000 returns which properly belong in 1914.

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

No. 173.—INDIVIDUAL INCOME TAX RETURNS: ANALYSIS

[All money figures, except as indicated, in millions of dollars. See headnote, Table 172]

	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
Total income	24,872	29,248	29,579	25,272	25,447	26,209	28,988	29,947	22,412	17,268
Wages and salaries	13,694	14,195	13,618	9,742	9,994	10,218	10,862	11,199	9,922	8,325
Business	2,840	4,723	4,755	3,689	3,573	3,287	3,244	3,379	2,628	1,890
Partnerships [1]	1,427	1,676	1,810	1,827	1,733	1,755	1,930	1,853	1,090	730
Profits from sales of real estate, stocks, bonds, etc., except as noted [2]	742	863	1,125	1,992	1,466	1,813	2,928	2,338	637	302
Capital net gain from sale of assets held over 2 years	249	305	389	940	913	1,081	1,880	2,347	556	170
Rents and royalties	1,225	1,814	2,010	1,471	1,451	1,302	1,165	1,286	974	771
Dividends [3]	2,664	3,120	3,251	3,465	4,012	4,255	4,351	4,786	4,197	3,114
Interest on Gov't obligations [4]	34	44	30	26	37	47	41	40	38	25
Other interest and miscellaneous income	1,739	2,178	2,282	1,814	1,937	2,027	2,144	2,211	1,940	1,573
Fiduciary [1]	258	329	310	306	333	421	444	508	429	369
General deductions	3,536	4,470	3,923	3,377	3,489	3,663	3,761	5,146	4,294	3,663
Contributions	425	535	533	442	484	508	533	529	425	328
Net loss from sale of real estate, stocks, bonds, etc. [5]	3,110	3,935	3,390	2,936	178	228	172	996	1,233	1,161
Net loss from business and partnership										
All other					2,827	2,928	3,057	3,621	173	134
									2,464	2,040
Net income	21,336	24,777	25,656	21,895	21,959	22,545	25,226	24,801	18,119	13,605
Net loss for prior year	45	34	30	32	27	37	34	29	40	44
Exemptions from normal tax:										
Personal exemption and credit for dependents	14,702	17,275	16,329	12,228	12,124	12,001	11,859	11,933	11,010	9,682
Less exemptions in excess of net income	*2,740*	*2,862*	*2,375*	*1,506*	*1,823*	*1,891*	*1,681*	*2,012*	*2,074*	*2,277*
Dividends [3]	2,664	3,120	3,251	3,465	4,012	4,255	4,351	4,786	4,197	3,114
Interest on Government obligations [4]	34	44	30	26	37	47	41	40	38	25
Capital net gain from sale	249	305	389	940	913	1,081	1,880	2,347	556	170
						9	*12*	*69*	*33*	*15*
Net exemptions	14,909	17,881	17,624	15,153	15,263	15,484	16,437	17,024	13,695	10,700
Net income subject to normal tax	6,382	6,862	8,003	6,710	6,669	7,024	8,755	7,747	4,384	2,861
Normal tax	355	[7] 284	258	216	201	216	282	162	129	82
Surtax	475	[7] 349	438	433	448	512	689	582	317	186
Tax on capital net gain from sale of assets held over 2 years (12½ percent)	31	[7] 29	49	118	113	134	233	285	65	19
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
Net tax	861	862	704	735	732	831	1,164	1,002	477	246
Number of returns (thous.)	6,787	7,698	7,370	4,171	4,138	4,102	4,071	4,044	3,708	3,226
Average net income per return	$3,143	$3,219	$3,481	$5,249	$5,306	$5,497	$6,197	$6,132	$4,887	$4,217
Average tax per return	$127	$86	$96	$176	$177	$203	$286	$248	$129	$76
Averages per capita of total population: [9]										
Net income returned	$194	$221	$226	$190	$188	$190	$210	$201	$147	$109
Tax	$7.81	$5.91	$6.20	$6.37	$6.26	$7.00	$9.68	$8.13	$3.87	$1.98

[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 deductions.
[9] Averages for 1922 to 1928 computed by Bureau o ce on basis of revised Census estimates of population.

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

No. 174.—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	3,225,924	17,268,451	3,663,454	13,604,996	43,754	9,682,141	82,302	186,078
New England	317,683	1,700,229	324,927	1,375,300	1,965	914,454	7,582	18,192
Maine	16,218	91,886	17,115	74,771	70	48,189	430	1,111
New Hampshire	12,477	58,849	9,606	49,243	11	35,722	223	397
Vermont	7,803	35,549	5,696	29,853	8	23,603	109	205
Massachusetts	193,504	984,875	183,952	800,923	1,001	556,774	4,490	9,305
Rhode Island	22,375	138,186	27,026	111,159	466	65,609	688	2,140
Connecticut	65,306	390,884	81,532	309,351	409	184,559	1,642	5,034
Middle Atlantic	1,080,659	6,554,347	1,466,549	5,087,798	19,770	3,233,831	35,518	95,428
New York	634,057	4,064,223	955,589	3,108,634	16,432	1,886,544	23,623	64,771
New Jersey	178,754	959,213	173,449	785,764	1,045	542,748	4,843	10,642
Pennsylvania	267,848	1,530,911	337,511	1,193,400	2,293	804,539	7,052	20,015
East North Central	694,406	3,548,434	739,534	2,808,900	9,616	2,118,154	15,583	34,799
Ohio	164,809	870,572	181,220	689,352	1,357	506,682	3,519	7,424
Indiana	54,534	250,547	46,416	204,131	358	168,552	969	1,757
Illinois	270,759	1,484,519	302,108	1,182,411	2,836	815,231	7,791	15,783
Michigan	119,623	622,253	141,235	481,018	4,975	369,628	2,260	8,167
Wisconsin	84,681	320,543	68,556	251,988	90	258,061	1,044	1,668
West North Central	228,894	1,105,572	223,004	882,569	2,464	713,394	4,591	6,478
Minnesota	52,853	265,842	52,311	213,531	483	162,008	1,161	1,750
Iowa	29,850	149,349	30,131	119,218	1,149	92,369	588	674
Missouri	80,356	418,962	87,479	331,483	315	249,968	1,880	3,217
North Dakota	7,013	23,427	4,958	18,470	100	23,032	43	9
South Dakota	7,387	27,251	5,120	22,131	62	23,757	76	42
Nebraska	23,940	106,469	20,349	86,120	125	76,067	426	392
Kansas	27,495	114,272	22,656	91,616	230	86,193	417	394
South Atlantic	262,139	1,361,526	283,001	1,068,525	2,462	787,227	5,632	13,830
[illegible]	8,284	76,651	25,606	51,045	7	23,983	222	2,785
	60,898	338,760	61,631	277,129	414	183,069	1,747	4,112
	51,920	236,230	35,611	200,628	380	134,113	1,381	1,906
Virginia	34,689	161,132	31,767	129,365	194	106,356	575	890
West Virginia	22,118	101,231	20,897	80,334	105	68,429	280	316
North Carolina	22,625	124,081	36,038	88,043	509	73,463	308	1,818
South Carolina	10,536	44,263	10,404	33,859	77	34,092	130	108
Georgia	25,729	131,367	28,460	102,907	423	82,638	470	583
Florida	25,340	137,802	32,587	105,215	353	81,084	519	1,312
East South Central	84,528	389,927	81,942	307,986	687	264,232	1,381	1,980
Kentucky	26,991	130,056	26,777	103,280	122	81,678	448	655
Tennessee	28,117	134,280	27,029	107,251	282	88,609	536	922
Alabama	19,532	89,005	18,696	70,309	207	61,565	325	374
Mississippi	9,888	36,586	9,440	27,146	76	32,380	72	29
West South Central	156,207	741,498	177,301	564,197	2,543	471,892	3,283	3,028
Arkansas	9,873	39,667	10,411	29,256	219	32,298	92	35
Louisiana	28,934	137,074	29,401	107,674	510	86,570	609	437
Oklahoma	28,242	126,202	32,608	93,594	174	94,108	474	461
Texas	89,158	438,555	104,881	333,673	1,640	258,916	2,108	2,093
Mountain	73,396	319,235	58,498	260,739	1,049	225,349	1,109	1,741
Montana	9,722	40,949	6,282	34,667	330	29,836	129	115
Idaho	5,864	21,858	3,508	18,350	19	18,230	51	5
Wyoming	5,891	21,443	3,267	18,177	20	18,291	58	19
Colorado	25,279	119,651	22,989	96,662	301	77,723	467	1,029
New Mexico	5,389	21,915	3,684	18,231	136	16,129	75	60
Arizona	8,035	36,006	7,260	28,746	95	23,369	153	108
Utah	9,785	40,256	8,393	31,864	81	32,436	90	133
Nevada	3,431	17,157	3,115	14,042	67	9,335	86	272
Pacific [4]	320,684	1,515,516	300,404	1,215,112	3,200	929,082	7,444	9,930
Washington [4]	51,781	210,289	35,431	174,858	387	156,582	671	662
Oregon	20,181	89,250	16,095	73,155	111	63,060	341	209
California	248,722	1,215,977	248,878	967,099	2,702	709,440	6,432	9,059
Hawaii	7,328	42,164	8,295	33,869		24,525	177	673

[1] See Note 1, Table 178.
[2] Other items of income exempt from normal tax are shown by States in Table 175.
[3] Based on Bureau of the Census estimates, July 1, 1931.

ANALYSIS BY STATES AND TERRITORIES, 1931

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	Per cent of United States total				Division and State or Territory
12½ per cent on capital net gain	25 per cent of tax on earned net income	12½ per cent on capital net loss		Net income	Tax			Population	Returns	Net income	Tax	
19,423	17,491	24,185	246,127	$4,217	$76.30	$1.98	2.59	100.00	100.00	100.00	100.00	Total.
1,631	1,723	2,280	23,401	4,329	73.66	2.85	3.86	6.61	9.85	10.11	9.51	N. E.
135	75	74	1,527	4,610	94.18	1.91	2.03	.64	.50	.55	.62	Me.
25	45	37	563	3,947	45.15	1.21	2.67	.38	.39	.36	.23	N. H.
1	24	26	265	3,826	33.93	.74	2.17	.29	.24	.22	.11	Vt.
1,016	1,042	1,388	12,380	4,139	63.95	2.89	4.52	3.44	6.00	5.89	5.03	Mass.
83	144	169	2,599	4,968	116.14	3.74	3.22	.56	.69	.82	1.06	R. I.
371	393	586	6,067	4,737	92.90	3.74	4.02	1.30	2.03	2.27	2.46	Conn.
8,581	7,494	15,233	116,802	4,708	108.08	4.40	4.07	21.34	33.50	37.40	47.46	M. A.
6,052	4,996	11,474	77,976	4,903	122.98	6.11	4.97	10.25	19.66	22.85	31.68	N. Y.
608	1,119	1,003	13,971	4,396	78.16	3.40	4.35	3.30	5.54	5.78	5.68	N. J.
1,921	1,379	2,756	24,855	4,455	92.79	2.56	2.76	7.79	8.30	8.77	10.10	Pa.
4,814	3,585	3,358	48,252	4,045	69.49	1.89	2.71	20.55	21.52	20.65	19.60	E. N. C.
460	866	794	9,743	4,183	59.12	1.45	2.45	5.39	5.11	5.07	3.96	Ohio.
125	228	82	2,541	3,743	46.59	.78	1.67	2.62	1.69	1.50	1.03	Ind.
2,505	1,724	1,853	22,502	4,367	83.11	2.92	3.51	6.20	8.39	8.69	9.14	Ill.
1,566	534	431	11,028	4,021	92.19	2.24	2.43	3.96	3.70	3.54	4.48	Mich.
158	233	198	2,438	2,976	28.80	.82	2.86	2.38	2.63	1.85	.99	Wis.
692	1,049	628	10,081	3,856	44.04	.76	1.71	10.72	7.10	6.48	4.10	W. N. C.
58	275	248	2,445	4,040	46.27	.95	2.05	2.07	1.64	1.57	.99	Minn.
51	124	52	1,137	3,994	38.10	.46	1.21	1.99	.93	.88	.46	Iowa.
398	447	301	4,748	4,125	59.08	1.30	2.20	2.93	2.49	2.44	1.93	Mo.
-------	9	-------	43	2,634	6.06	.06	1.03	.55	.22	.13	.02	N. D.
3	13	2	105	2,996	14.30	.15	1.06	.56	.23	.16	.04	S. D.
28	102	20	723	3,597	30.22	.52	1.73	1.11	.74	.63	.30	Nebr.
154	79	5	880	3,332	32.02	.47	1.46	1.51	.85	.67	.36	Kans.
1,420	1,144	1,664	18,071	4,076	68.94	1.13	1.65	12.79	8.12	7.85	7.34	S. A.
119	48	794	2,283	6,162	275.70	9.51	3.45	.19	.26	.37	.93	Del.
360	324	366	5,528	4,551	90.78	3.36	3.70	1.32	1.89	2.04	2.25	Md.
147	283	176	2,975	3,864	57.29	6.06	10.57	.40	1.61	1.47	1.21	D. C.
44	122	62	1,324	3,729	38.16	.54	1.43	1.95	1.07	.95	.54	Va.
19	65	34	516	3,632	23.31	.30	1.27	1.40	.68	.59	.21	W. Va.
49	69	75	2,030	3,891	89.74	.63	.70	2.58	.70	.65	.82	N. C.
-------	28	11	198	3,214	18.79	.11	.60	1.40	.33	.25	.08	S. C.
108	112	53	997	4,000	38.74	.34	.88	2.34	.80	.76	.40	Ga.
574	93	93	2,220	4,152	87.59	1.47	1.68	1.21	.78	.77	.90	Fla.
151	285	74	3,154	3,644	37.31	.32	.85	8.00	2.62	2.26	1.28	E. S. C.
22	96	17	1,013	3,826	37.51	.39	1.03	2.11	.84	.76	.41	Ky.
82	104	22	1,414	3,814	50.28	.54	1.07	2.12	.87	.79	.57	Tenn.
47	71	35	640	3,600	32.79	.24	.73	2.14	.60	.51	.26	Ala.
-------	14	-------	87	2,745	8.82	.04	.49	1.63	.31	.20	.04	Miss.
815	529	97	6,496	3,612	41.59	.53	1.27	9.90	4.84	4.15	2.64	W. S. C.
-------	19	-------	108	2,963	10.92	.06	.53	1.50	.31	.22	.05	Ark.
1	108	46	892	3,721	30.83	.42	1.36	1.70	.90	.79	.36	La.
39	100	11	862	3,314	30.52	.36	1.17	1.95	.87	.69	.35	Okla.
775	302	40	4,634	3,742	51.98	.78	1.51	4.75	2.76	2.45	1.88	Tex.
133	216	159	2,608	3,552	35.53	.70	1.97	3.00	2.28	1.92	1.06	Mt.
-------	25	9	210	3,566	21.58	.39	1.81	.43	.30	.25	.09	Mont.
-------	10	-------	46	3,129	7.85	.10	1.31	.36	.18	.14	.02	Idaho.
-------	11	1	65	3,085	11.09	.29	2.58	.19	.18	.13	.03	Wyo.
95	91	122	1,378	3,824	54.51	1.32	2.42	.84	.78	.71	.56	Colo.
-------	13	5	117	3,383	21.77	.27	1.26	.34	.17	.13	.04	N. M.
26	28	12	247	3,578	30.78	.56	1.81	.36	.25	.21	.10	Ariz.
3	23	7	196	3,256	20.04	.38	1.91	.41	.31	.24	.08	Utah.
9	15	3	349	4,093	101.73	3.79	3.73	.07	.11	.11	.14	Nev.
1,174	1,424	679	18,444	3,789	51.28	1.95	3.79	6.79	9.94	8.93	6.68	Pac. [4]
67	132	30	1,238	3,377	38.16	.76	3.16	1.32	1.60	1.29	.50	Wash. [4]
14	75	15	474	3,625	23.49	.49	2.09	.78	.63	.54	.19	Oreg.
1,093	1,217	634	14,732	3,888	59.23	2.52	4.25	4.69	7.71	7.10	5.99	Calif.
15	38	11	816	4,622	111.31	2.14	1.92	.30	.23	.25	.33	Hawaii.

[4] Includes figures for Alaska.

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

No. 175.—INDIVIDUAL INCOME TAX RETURNS: INCOME DISTRIBUTED BY SOURCES, BY STATES AND TERRITORIES, 1931

[All figures in thousands of dollars. For total income see Table 174]

Division and State or Territory	Wages and salaries	Business	Partnership	Profit from sale of real estate, stock, bonds, etc.		Rents and royalties	Dividends on stock of domestic corporations	Interest and other income [1]	Interest on Government obligations [2]
				Reported for tax on capital net gain	All other				
Total	**8,325,162**	**1,889,759**	**729,523**	**169,949**	**301,664**	**770,764**	**3,113,861**	**1,942,442**	**25,325**
New England	740,499	181,785	49,773	13,888	22,469	51,858	423,014	214,746	2,199
Maine	32,483	13,809	2,913	1,407	1,778	3,221	20,113	16,022	140
New Hampshire	22,912	9,245	2,227	204	626	2,475	13,873	7,144	144
Vermont	16,322	4,807	1,126	13	383	1,238	7,032	4,542	26
Massachusetts	448,501	106,696	30,405	8,628	11,998	25,094	229,246	123,155	1,152
Rhode Island	58,107	12,466	3,735	666	1,886	5,392	36,777	18,935	223
Connecticut	162,174	34,702	9,367	2,970	5,708	14,438	115,973	44,948	514
Middle Atlantic	3,056,104	636,543	288,660	75,340	114,219	193,684	1,317,312	854,229	8,259
New York	1,911,334	372,597	207,387	54,020	59,598	108,703	826,228	519,330	5,027
New Jersey	508,554	96,391	27,267	5,612	12,121	32,239	158,736	117,551	743
Pennsylvania	636,216	167,555	64,006	15,708	42,500	52,742	332,348	217,348	2,489
East North Central	1,904,855	357,488	121,426	41,669	49,373	162,738	580,823	323,451	6,613
Ohio	481,168	81,486	26,226	3,919	11,588	42,669	162,888	57,639	2,990
Indiana	139,412	32,767	10,569	1,028	3,273	13,097	34,942	14,552	906
Illinois	808,237	135,749	54,381	22,176	18,861	67,702	221,886	153,451	2,077
Michigan	309,215	65,031	18,470	13,285	11,398	26,929	118,982	58,558	386
Wisconsin	166,823	42,455	11,780	1,261	4,253	12,341	42,125	30,251	254
West North Central	549,670	159,574	52,813	5,668	12,731	62,300	154,127	108,543	2,147
Minnesota	137,163	34,560	12,349	463	2,471	10,177	41,553	26,674	432
Iowa	63,831	29,932	9,206	408	1,958	9,474	18,923	15,408	150
Missouri	226,761	39,141	15,133	3,232	4,868	20,940	68,765	38,833	1,289
North Dakota	12,332	5,062	1,362	---	147	1,239	1,330	1,950	5
South Dakota	11,884	6,816	1,923	22	441	1,883	1,929	2,333	20
Nebraska	50,509	20,055	6,433	224	970	6,764	10,708	10,708	97
Kansas	47,190	24,008	6,347	1,319	1,876	11,823	10,919	10,637	154
South Atlantic	667,305	146,387	51,086	12,331	19,201	68,000	254,011	131,183	2,023
Delaware	20,792	4,526	1,427	1,284	1,016	1,728	38,188	7,631	60
Maryland	157,449	32,827	13,107	3,196	4,943	13,576	68,066	45,251	345
Dist. of Columbia	142,122	25,073	7,937	1,175	3,766	9,736	24,580	21,526	324
Virginia	82,180	19,194	6,541	355	1,846	9,416	25,678	15,700	224
West Virginia	50,879	13,715	4,496	149	1,306	7,036	18,753	4,631	266
North Carolina	62,025	12,557	4,687	676	1,395	7,204	29,080	6,172	285
South Carolina	24,254	6,105	2,132	---	525	2,694	4,376	4,132	44
Georgia	73,476	12,616	5,111	866	2,028	8,209	20,187	8,751	123
Florida	54,128	19,774	5,648	4,630	2,376	8,401	25,103	17,389	352
East South Central	202,165	47,162	21,071	1,274	5,693	23,131	54,005	34,795	630
Kentucky	64,106	15,507	6,055	177	1,846	7,236	23,537	11,210	381
Tennessee	72,026	15,879	6,925	688	2,307	7,445	17,580	11,264	166
Alabama	46,932	9,360	5,629	409	1,003	6,045	10,375	9,177	75
Mississippi	19,101	6,416	2,462	---	537	2,405	2,513	3,144	8
West South Central	347,328	100,113	48,327	6,527	20,938	69,991	75,230	73,773	1,274
Arkansas	19,743	6,849	2,990	---	295	3,480	2,564	3,724	24
Louisiana	70,187	15,326	7,177	8	2,356	10,239	16,365	15,193	223
Oklahoma	66,272	16,765	6,934	308	2,628	11,553	12,349	9,249	144
Texas	191,126	61,173	29,226	6,211	15,659	44,719	43,952	45,607	883
Mountain	153,540	53,453	14,969	1,066	5,836	17,160	40,189	32,598	428
Montana	22,653	6,004	1,874	---	1,191	1,795	4,065	3,322	46
Idaho	11,242	5,082	940	---	297	1,154	1,368	1,763	12
Wyoming	10,973	4,940	986	---	221	1,150	1,447	1,708	20
Colorado	53,118	17,850	5,425	757	1,917	6,187	20,107	14,027	263
New Mexico	9,313	4,639	1,298	1	450	1,622	2,148	2,433	12
Arizona	17,026	5,997	1,705	208	1,085	2,803	2,983	4,182	16
Utah	22,139	5,976	1,460	24	419	1,551	5,415	3,246	26
Nevada	7,076	2,965	1,281	75	256	898	2,656	1,917	33
Pacific [3]	664,209	202,857	72,438	12,071	50,580	119,764	204,436	167,419	1,740
Washington [3]	114,192	34,074	8,324	2,665	2,975	10,003	20,412	17,442	203
Oregon	48,522	14,461	4,497	110	1,060	4,687	7,349	8,474	89
California	521,495	154,322	59,617	9,296	46,545	105,074	176,675	141,503	1,448
Hawaii	19,489	4,399	963	116	623	2,137	10,713	3,710	14

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

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

No. 176.—INDIVIDUAL INCOME TAX RETURNS: BY STATES AND TERRITORIES, 1929 TO 1931

NOTE.—See headnote Table 172. The net income here shown is subject to deduction of exemptions to give net income subject to tax; see Tables 173 and 174

[Net income and tax yield in thousands of dollars]

Division and State	Number of returns			Net income			Tax yield		
	1929	1930	1931	1929	1930	1931	1929	1930	1931
Total	4,044,327	3,707,509	3,225,924	24,800,736	18,118,635	13,604,996	1,001,938	476,715	246,127
New England	364,946	341,327	317,683	2,357,829	1,737,544	1,375,300	95,718	45,467	23,401
Maine	19,173	17,829	16,218	115,875	90,691	74,771	3,562	1,828	1,527
N. Hampshire	14,341	13,927	12,477	74,307	60,015	49,243	1,735	952	563
Vermont	9,586	8,635	7,803	49,916	39,259	29,853	1,020	627	265
Massachusetts	213,316	202,253	193,504	1,371,652	1,010,334	800,923	57,857	26,510	12,380
Rhode Island	26,481	23,862	22,375	184,531	136,571	111,159	7,851	4,114	2,599
Connecticut	82,049	74,821	65,306	561,548	400,674	309,351	23,693	11,436	6,067
Middle Atlantic	1,317,752	1,222,012	1,080,658	9,683,848	6,766,177	5,087,798	531,338	283,554	116,802
New York	757,835	711,566	634,057	6,253,466	4,189,130	3,108,634	396,687	163,509	77,976
New Jersey	195,772	187,943	178,754	1,212,423	956,733	785,764	43,956	23,219	13,971
Pennsylvania	364,145	322,503	267,848	2,217,959	1,620,314	1,193,400	90,695	46,826	24,855
E. N. Central	943,114	835,640	694,406	5,366,055	3,887,832	2,808,900	189,554	94,064	48,252
Ohio	215,804	199,600	164,809	1,259,572	950,397	689,352	43,634	21,879	9,743
Indiana	76,493	65,679	54,534	366,846	280,940	204,131	8,208	5,110	2,541
Illinois	369,855	327,631	270,759	2,258,946	1,630,447	1,182,411	86,825	43,703	22,502
Michigan	177,918	147,364	119,623	1,029,757	668,391	481,018	40,600	17,479	11,028
Wisconsin	103,044	95,366	84,681	450,934	357,657	251,988	10,287	5,893	2,438
W. N. Central	292,229	260,605	228,894	1,511,458	1,156,682	882,569	35,110	18,976	10,081
Minnesota	60,701	57,539	52,853	337,881	266,572	213,531	9,799	4,744	2,445
Iowa	45,023	39,917	29,850	222,103	174,966	119,218	3,925	2,356	1,137
Missouri	98,367	85,507	80,356	558,128	419,648	331,483	16,417	8,750	4,748
N. Dakota	9,170	8,262	7,013	31,197	24,478	18,470	111	87	43
S. Dakota	10,449	9,449	7,387	40,165	31,454	22,131	391	178	105
Nebraska	30,962	27,271	23,940	140,323	113,935	86,120	1,919	1,381	723
Kansas	37,557	32,660	27,495	181,661	127,629	91,616	2,548	1,480	880
South Atlantic	209,376	288,381	262,139	1,640,527	1,305,426	1,068,525	54,647	28,446	18,071
Delaware	9,780	9,342	8,284	148,850	64,913	51,045	14,526	3,928	2,283
Maryland	68,654	68,426	60,898	425,186	354,627	277,129	15,642	9,796	5,528
Dist. of Col	48,087	51,044	51,920	242,283	217,558	200,628	6,409	4,201	2,975
Virginia	38,631	37,915	34,689	179,294	156,272	129,365	3,201	2,051	1,324
W. Virginia	29,803	27,130	22,118	136,768	110,726	80,334	2,299	1,239	516
N. Carolina	28,860	25,216	22,625	130,353	103,625	88,043	3,283	2,427	2,030
S. Carolina	13,232	12,179	10,536	50,257	42,714	33,859	566	305	198
Georgia	32,289	28,996	25,729	163,181	128,081	102,907	2,786	1,659	997
Florida	30,040	28,133	25,340	164,355	126,910	105,215	5,936	2,840	2,220
E. S. Central	110,794	98,455	84,528	555,520	409,978	307,986	11,513	5,487	3,154
Kentucky	34,623	31,021	26,991	191,641	135,098	103,280	5,077	1,926	1,013
Tennessee	34,664	32,082	28,117	177,338	140,423	107,251	3,748	1,955	1,414
Alabama	25,818	22,605	19,532	122,569	93,901	70,309	2,088	1,354	640
Mississippi	15,689	12,147	9,888	63,922	40,556	27,146	600	252	87
W. S. Central	201,461	183,053	156,207	1,043,491	788,380	564,197	22,461	13,892	6,496
Arkansas	15,813	12,490	9,873	68,911	43,283	29,256	713	242	108
Louisiana	35,093	32,979	28,934	170,714	138,836	107,674	2,860	1,600	892
Oklahoma	37,000	32,526	28,242	216,347	157,411	93,594	6,021	3,417	382
Texas	113,555	105,058	89,158	592,519	448,850	333,673	12,867	8,633	4,634
Mountain	103,964	87,943	73,396	472,202	351,231	260,739	7,578	4,897	2,808
Montana	17,067	11,635	9,722	71,397	45,495	34,667	1,019	461	210
Idaho	9,830	7,852	5,864	38,526	27,757	18,350	184	128	46
Wyoming	8,140	6,809	5,801	30,813	22,980	18,177	189	141	65
Colorado	31,268	28,986	25,279	158,752	125,796	96,662	3,534	2,440	1,378
N. Mexico	6,874	6,288	5,389	30,876	24,971	18,231	300	222	117
Arizona	12,448	10,590	8,035	60,788	42,775	28,746	1,114	584	247
Utah	13,163	11,777	9,785	59,452	45,369	31,864	882	448	196
Nevada	5,174	4,006	3,431	21,598	16,688	14,042	356	473	349
Pacific [1]	402,481	382,224	320,684	2,121,515	1,675,538	1,215,112	52,799	30,960	16,444
Washington [1]	65,240	63,129	51,781	302,258	238,858	174,858	5,775	2,750	1,238
Oregon	28,194	26,047	20,181	129,361	106,076	73,155	1,664	1,074	474
California	309,047	293,048	248,722	1,689,896	1,330,604	967,099	45,360	27,136	14,732
Hawaii	8,210	7,869	7,328	43,291	37,246	33,869	1,220	972	816

[1] Includes Alaska.

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

No. 177.—INDIVIDUAL INCOME TAX RETURNS: BY INCOME CLASSES

NOTE.—See headnote, Table 172. The net income here shown is subject to deduction of exemptions to give net income subject to tax; see Tables 173 and 178

Income class (net income)	1925	1926	1927	1928	1929	1930	1931
Number of returns	4,171,051	4,138,092	4,101,547	4,070,851	4,044,327	3,707,509	3,225,924
Under $1,000	98,178	119,513	126,745	111,123	126,172	150,000	185,391
$1,000 to $2,000	1,071,992	1,045,519	996,098	918,447	903,082	909,155	862,153
$2,000 to $3,000	842,528	837,792	855,762	837,781	810,347	767,684	675,019
$3,000 to $5,000	1,327,683	1,240,400	1,209,345	1,192,613	1,172,655	1,070,239	912,630
$5,000 to $10,000	503,652	560,549	567,700	628,766	658,039	550,977	417,655
$10,000 to $25,000	236,779	246,730	252,079	270,889	271,454	198,762	137,754
[illegible]	59,721	57,487	60,123	68,048	63,689	40,845	24,308
[illegible]	20,958	20,520	22,573	27,207	24,073	13,645	7,830
[illegible]	4,759	4,724	5,261	7,049	6,376	3,111	1,634
[illegible]	3,223	3,267	3,873	5,078	5,310	2,071	1,056
[illegible]	892	892	1,141	1,756	1,641	552	268
[illegible]	479	468	557	983	976	318	149
$1,000,000 and over	207	231	290	511	513	150	77
	In thousands of dollars						
Net income	21,894,576	21,958,508	22,545,091	25,226,327	24,800,736	18,118,635	13,604,996
Under $1,000	58,306	67,238	72,231	64,535	73,742	86,892	106,622
$1,000 to $2,000	1,774,601	1,747,917	1,645,576	1,526,832	1,499,908	1,494,526	1,399,430
$2,000 to $3,000	2,047,970	2,042,903	2,062,275	2,030,901	1,958,595	1,864,162	1,641,594
$3,000 to $5,000	5,236,003	4,872,789	4,700,816	4,648,098	4,572,596	4,151,967	3,515,716
[illegible]	3,463,852	3,838,954	3,895,759	4,282,520	4,481,576	3,723,763	2,807,001
[illegible]	3,544,898	3,660,623	3,748,053	4,037,853	4,025,233	2,922,750	2,006,721
$25,000 to $50,000	2,032,239	1,954,653	2,051,771	2,326,503	2,174,458	1,383,619	820,648
$50,000 to $100,000	1,418,948	1,389,339	1,535,387	1,857,878	1,646,476	919,040	523,049
$100,000 to $150,000	572,860	570,189	636,018	850,451	770,536	374,171	196,598
$150,000 to $300,000	655,300	661,412	787,270	1,157,131	1,087,410	419,016	212,059
$300,000 to $500,000	339,774	340,214	431,122	663,900	628,229	207,131	102,186
$500,000 to $1,000,000	327,368	317,881	378,167	670,861	669,878	211,693	102,311
$1,000,000 and over	422,457	494,394	600,641	1,108,863	1,212,099	359,905	166,060
Net tax [1]	734,555	732,471	830,639	1,164,254	1,001,938	476,715	248,127
Under $1,000	69	56	40	60	17	38	24
$1,000 to $2,000	1,704	1,761	1,234	1,550	553	1,269	943
$2,000 to $3,000	3,809	4,217	3,971	4,317	1,404	3,310	2,466
$3,000 to $5,000	8,326	7,245	6,508	7,475	2,413	5,352	3,832
$5,000 to $10,000	19,149	20,272	20,664	22,896	9,551	17,448	12,407
$10,000 to $25,000	74,172	72,465	74,226	82,758	59,893	49,561	31,897
$25,000 to $50,000	120,689	112,797	119,475	136,568	113,904	72,708	40,096
[illegible]	147,843	140,947	156,675	194,447	160,813	87,379	44,780
[illegible]	79,472	77,900	87,398	116,855	99,560	48,749	23,135
[illegible]	108,059	103,997	123,776	182,514	159,221	62,463	28,793
$300,000 to $500,000	55,722	55,256	73,750	113,250	97,336	33,053	15,411
$500,000 to $1,000,000	53,674	53,665	64,265	116,424	106,219	34,289	15,457
$1,000,000 and over	66,867	81,893	98,657	185,140	191,054	61,098	26,886
Average tax rate on net income, percent	3.35	3.34	3.68	4.62	4.04	2.63	1.81
Under $1,000	.12	.08	.06	.09	.02	.04	.02
$1,000 to $2,000	.10	.10	.07	.10	.04	.08	.07
$2,000 to $3,000	.19	.21	.19	.21	.07	.18	.15
$3,000 to $5,000	.16	.15	.14	.16	.05	.13	.11
$5,000 to $10,000	.55	.52	.53	.53	.21	.47	.44
$10,000 to $25,000	2.09	1.98	1.98	2.05	1.49	1.70	1.59
$25,000 to $50,000	5.94	5.77	5.82	5.87	5.24	5.25	4.89
$50,000 to $100,000	10.42	10.14	10.20	10.47	9.77	9.51	8.48
$100,000 to $150,000	13.87	13.66	13.74	13.74	12.92	13.03	11.77
$150,000 to $300,000	15.73	15.72	15.72	15.77	14.64	14.91	13.58
$300,000 to $500,000	16.40	16.24	17.11	17.06	15.49	15.96	15.08
$500,000 to $1,000,000	16.39	16.88	16.99	17.35	15.86	16.20	15.11
$1,000,000 and over	15.83	16.56	16.42	16.70	15.76	16.98	16.19

[1] Includes normal tax, surtax, and tax on capital net gain from sale of assets held more than 2 years less tax credit on capital net loss from sale of assets held more than 2 years and tax credit of 25 per cent of tax on earned net income. See Table 178.

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

No. 178.—INDIVIDUAL INCOME TAX RETURNS: ANALYSIS, BY INCOME CLASSES, 1931

[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	Dividends [2]	Interest on Govt. obligations [3]	Capital net gain [4]
Total	3,225,924	17,268,451	3,663,454	13,604,996	43,754	9,682,141	3,113,861	25,325	169,949
Under 1, free [5]	178,561			102,902		496,745			
Under 1, taxed	6,830			3,720		707			
1–2, free [5]	509,357			788,777		1,451,112			
1–2, taxed	352,796			610,654		521,557			
2–3, free [5]	397,807			982,588		1,453,989			
2–3, taxed	277,212	8,256,869	1,593,506	659,006		421,550	530,187		
3–4, free [5]	423,104			1,477,173		1,666,132			
3–4, taxed	151,496			542,500		373,634			
4–5, free [5]	137,789			599,457		587,622			
4–5, taxed	200,241			896,586		670,256			
5–6, free [5]	23,544			127,342		90,845			
5–6, taxed	141,011	1,097,789	200,321	770,125	1,515	504,383	110,586		
6–10, free [5]	30,216			229,739		93,474			
6–10, taxed	222,884	2,404,972	495,440	1,679,795	4,478	792,659	375,169		
10–25	137,754	2,664,223	657,507	2,006,721	9,281	453,467	715,012	12,434	
25–50	24,308	1,081,704	261,056	820,648	6,935	73,453	413,903	6,503	4,337
50–100	7,830	715,692	187,643	528,049	5,893	22,369	338,882	3,610	25,004
100–150	1,634	264,113	67,515	196,598	2,310	4,367	147,021	1,203	19,053
150–300	1,056	298,262	86,202	212,059	4,809	2,695	169,105	677	34,356
300–500	268	140,173	37,986	102,186	2,732	613	80,440	377	23,215
500–1,000	149	141,346	39,035	102,311	2,406	341	90,902	304	24,640
1,000 and over	77	203,303	37,243	166,060	3,395	171	143,154	217	39,344

Net income class (thousands of dollars)	Tax before tax credits			Tax credits		Net tax	Average tax per return (dollars)	Average rate of tax on net income (per cent)	Per cent distribution		
	Normal tax	Surtax	12½ per cent on capital net gain [6]	25 per cent of tax on earned net income	12½ per cent on capital net loss [7]				Returns	Net income	Net tax
Total	82,302	186,078	19,423	17,491	24,185	246,127	76.30	1.81	100.00	100.00	100.00
Under 1, free [5]									5.76	.78	
Under 1, taxed	32			8		24	3.46	.64			.01
1–2, free [5]									26.73	10.28	
1–2, taxed	1,257			314		943	2.67	.15			.38
2–3, free [5]									20.92	12.06	
2–3, taxed	3,288			822		2,466	8.90	.37			1.00
3–4, free [5]									17.81	14.85	
3–4, taxed	2,197			549		1,647	10.87	.30			.67
4–5, free [5]									10.48	11.00	
4–5, taxed	2,913			728		2,184	10.91	.24			.89
5–6, free [5]									5.10	6.60	
5–6, taxed	3,511			858		2,653	18.82	.34			1.08
6–10, free [5]									7.84	14.04	
6–10, taxed	12,290			2,536		9,754	43.76	.58			3.96
10–25	26,578	11,616		6,298		31,897	231.55	1.59	4.27	14.75	12.96
25–50	15,295	29,978	517	3,553	2,141	40,096	1,649.48	4.89	.75	6.03	16.29
50–100	8,620	41,710	2,990	1,319	7,221	44,780	5,719.02	8.48	.24	3.88	18.19
100–150	2,376	22,473	2,290	275	3,729	23,135	14,158.66	11.77	.05	1.45	9.40
150–300	2,205	27,949	3,430	167	4,623	28,793	27,266.28	13.58	.03	1.56	11.70
300–500	803	13,814	2,557	39	1,723	15,411	57,504.41	15.08	.01	.75	6.26
500–1,000	522	14,404	2,812	17	2,264	15,457	103,737.89	15.11	[8]	.75	6.28
1,000 and over	415	24,134	4,827	6	2,484	26,880	349,165.23	16.19	[8]	1.22	10.92

[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 gain over capital losses. This amount less certain allowable deductions (see Table 173) is subject to a special tax.

[5] [illegible] income.

[6] [illegible] net gain from sale of assets held more than 2 years after deducting credits against this item. See note 4 and Table 173.

[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. 179.—INDIVIDUAL INCOME TAX RETURNS: PERCENTAGE OF TOTAL INCOME DERIVED FROM EACH SOURCE BY INCOME CLASSES, 1931

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 Govt. obligations not wholly exempt from tax	Other interest and miscellaneous income [2]
					Reported for tax on capital net gain	All other				
Total	100.00	43.21	10.94	4.23	0.98	1.75	4.48	18.03	0.15	11.25
Under 5 (est.)	100.00	60.62	13.60	2.87	----------	1.27	5.63	6.42	----------	9.59
5–10	100.00	51.69	12.34	5.14	----------	1.56	3.99	13.87	----------	11.41
10–25	100.00	36.92	8.64	5.98	----------	2.72	3.73	26.84	.47	14.71
25–50	100.00	26.07	5.63	6.40	.40	3.64	3.24	38.27	.60	15.74
50–100	100.00	19.69	3.80	6.59	3.50	1.78	2.46	47.28	.51	14.40
100–150	100.00	15.33	2.48	5.21	7.21	1.53	1.70	55.67	.46	10.41
150–300	100.00	11.55	1.91	5.57	11.52	1.83	1.68	56.69	.23	9.02
300–500	100.00	11.14	1.52	2.27	16.56	2.09	2.44	57.38	.27	6.33
500–1,000	100.00	5.27	1.08	1.84	17.43	1.44	.99	64.31	.22	7.42
1,000 and over	100.00	2.44	.06	----------	19.35	1.41	.15	70.41	.11	6.07

[1] For amount of total income by income classes and of total income from each source see Tables 177 and 175, respectively.
[2] Includes fiduciary and miscellaneous income and interest other than tax exempt.

No. 180.—INDIVIDUAL INCOME TAX RETURNS: [1] BY FAMILY RELATIONSHIP

	1926	1927	1928	1929	1930	1931
Number of returns	**4,138,092**	**4,101,547**	**4,070,851**	**4,044,327**	**3,707,509**	**3,225,924**
Joint returns of husbands and wives [2]	2,017,182	2,016,850	1,976,954	1,973,864	1,864,229	1,646,523
Wives filing separate returns	113,550	112,719	124,208	116,265	104,325	88,238
Single men, heads of families	268,090	302,821	286,873	290,116	263,180	237,157
Single women, heads of families	100,284	103,430	105,194	107,867	107,117	104,649
All other men	1,146,871	1,109,676	1,079,948	1,055,604	894,709	709,951
All other women	449,727	431,769	456,757	457,822	439,205	415,061
Community property income	42,388	24,282	40,917	42,789	34,747	24,345
Net income (1,000 dollars)	**21,958,506**	**22,545,091**	**25,226,326**	**24,900,736**	**18,118,635**	**13,604,996**
Joint returns of husbands and wives [2]	13,555,920	13,870,232	15,269,775	14,853,469	10,882,726	8,210,345
Wives filing separate returns	1,110,206	1,219,714	1,525,571	1,476,321	915,035	591,613
Single men, heads of families	1,102,102	1,211,235	1,280,921	1,257,884	986,809	782,965
Single women, heads of families	436,422	463,327	502,098	517,515	435,463	363,809
All other men	3,639,034	3,700,791	3,944,632	3,879,011	2,755,809	1,961,087
All other women	1,750,900	1,770,517	2,043,223	2,168,737	1,704,168	1,402,237
Community property income	363,922	309,274	660,106	647,799	438,625	293,040

[1] See headnote, Table 172.
[2] Includes returns of husbands whose wives, though living with them, file separate returns.

Source of Tables 179 and 180: Statistics of income, Reports of the Commissioner of Internal Revenue.

No. 181.—CORPORATION INCOME TAX RETURNS: RECEIPTS, DEDUCTIONS, PROFITS, AND TAX, ALL CORPORATIONS, 1921 TO 1931

[All money figures in millions of dollars]

Year	Number of returns	Total compiled receipts [1]	Gross sales [2]	Gross profits other than from sales	Miscellaneous receipts	Tax-exempt income		Total statutory deductions	Cost of goods sold	Interest paid
						Dividends from other corporations [3]	Interest on tax-exempt obligations [4]			
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	(5)	[5] 31,609	1,175	520	125,464	80,652	3,617
1926	455,320	142,629	106,206	[5] 9,332	[5] 25,085	1,506	500	133,119	82,484	3,989
1927	475,031	144,899	106,804	[5] 9,420	[5] 26,457	1,658	501	136,230	83,487	4,375
1928	495,892	153,375	112,436	[5] 10,334	[5] 28,095	1,917	593	142,638	87,265	4,581
1929	509,436	161,158	118,101	23,598	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	108,057	75,494	21,945	8,107	1,969	542	108,834	58,774	4,492

For footnotes see p. 181.

No. 181.—Corporation Income Tax Returns, Receipts, Deductions, Profits and Tax, All Corporations, 1921 to 1931—Continued

[All money figures in millions of dollars]

Year	Taxes other than income tax	Depreciation and depletion	Miscellaneous deductions	Compiled net profit [6]	Statutory net income less statutory deficit	Net loss for prior year [7]	Total tax	Compiled net profit less total tax	Dividends paid [8]	
									Cash	Stock
1921	1,473	2,573	29,707	1,156	458	-------	[9] 702	454	-------	-------
1922	1,518	2,889	30,458	5,967	4,770	502	[9] 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	([10])	3,330	37,365	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	42,506	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	1,103	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	[11] *3,288*	136	399	[11] *1,176*	6,151	164

[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] Cost of goods sold is shown under statutory deductions.

[3] Dividends from domestic corporations except for 1921 which includes dividends from foreign corporations.

[4] [illegible] States and Territories and political subdivisions, securities issued under the Federal Farm Loan Act [illegible] or its possessions.

[illegible] all [illegible] profit [illegible] "Miscellaneous receipts", "Net income", and "Net deficit" [illegible]

[6] [illegible] deductions.

[7] Deducted by concerns reporting net income.

[8] [illegible] companies. Data were not compiled for 1921.

[9] [illegible]

[10] Included in "Miscellaneous deductions".

[11] Deficit.

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

No. 182.—CORPORATION INCOME TAX RETURNS: Receipts, Deductions, Profits, and Tax, by Industrial Groups, 1931

[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]	108,057.0	492.7	2,237.2	44,108.5	9,360.9	1,184.7	5,306.1	1,110.5	817.1	1,349.2
Gross sales	75,494.3	330.0	1,981.5	41,977.5	9,168.6	1,163.7	5,193.2	1,088.8	784.8	1,284.7
Gross profits other than from sales	21,944.8	121.1	108.0	632.3	43.0	3.1	25.7	3.1	6.0	12.9
Interest	4,122.1	8.0	24.4	318.8	31.4	4.3	18.0	3.8	8.7	12.5
Rents	2,250.6	10.6	24.8	151.6	20.2	.8	17.2	2.6	3.8	8.7
Profit, sale of capital assets	298.6	4.0	18.6	63.5	7.7	.2	2.2	.8	.1	6.5
Miscellaneous receipts	1,435.6	13.0	37.2	497.9	52.1	4.3	37.3	9.7	8.2	17.5
Tax-exempt income:										
Dividends of other domestic corporations	1,969.2	5.3	34.8	391.7	31.6	7.4	7.4	1.0	5.0	5.1
Interest on tax-exempt obligations [3]	541.7	.8	7.9	75.2	6.2	.9	5.0	.6	.5	1.4
Statutory deductions, total	108,833.6	571.5	2,449.3	44,464.6	9,199.6	1,039.6	5,556.4	1,143.5	835.8	1,527.0
Cost of goods sold	58,773.8	257.4	1,488.7	32,076.4	7,260.9	865.3	4,386.4	912.1	578.9	1,076.9
Compensation of officers	2,697.9	20.0	45.0	935.3	116.4	10.4	162.3	28.2	8.8	52.1
Interest paid	4,491.9	27.0	86.0	606.7	83.1	6.2	47.6	7.3	20.3	35.2
Taxes paid [4]	2,220.7	21.1	73.9	565.8	68.1	9.2	47.2	7.6	7.9	30.3
Bad debts	1,182.7	6.0	14.2	315.1	36.4	2.0	44.4	12.6	9.8	21.6
Depreciation and depletion	4,270.2	39.5	302.6	1,846.6	208.8	8.2	148.0	16.4	39.7	80.6
Losses [illegible]	1,702.3	9.8	30.7	266.5	45.1	.6	32.4	3.4	2.6	7.0
Miscellaneous deductions	33,484.1	190.7	408.1	7,852.1	1,380.9	137.7	690.1	155.9	167.8	223.3
Compiled net profit or deficit	[5] *776.6*	[5] *78.7*	[5] *219.0*	[5] *356.1*	161.3	145.2	[5] *252.3*	[5] *33.0*	[5] *18.7*	[5] *177.8*
Deduct tax-exempt items	2,510.9	6.0	42.8	466.8	37.8	8.3	12.5	1.6	5.4	6.4
Statutory net income less net deficit	[5] *3,287.5*	[5] *84.8*	[5] *254.8*	[5] *823.0*	123.4	136.9	[5] *264.7*	[5] *34.6*	[5] *24.2*	[5] *184.2*
Net loss for prior year	136.0	1.4	6.3	50.0	11.6	.1	10.2	1.3	2.4	1.5
Total tax	399.0	1.2	7.2	165.3	36.8	17.1	7.4	3.3	1.4	1.4
Compiled net profit less total tax	[5] *1,175.6*	[5] *79.9*	[5] *219.3*	[5] *521.4*	124.4	128.1	[5] *259.6*	[5] *36.4*	[5] *20.1*	[5] *179.1*

For footnotes see p. 182.

No. 182.—Corporation Income Tax Returns: Receipts, Deductions, Profits, and Tax, by Industrial Groups, 1931—Continued

[All figures in millions and tenths of millions of dollars]

	Manufacturing—Continued					Construction	Public utilities [6]	Trade	Public service	Finance
	Paper	Printing	Chemicals	Stone, etc.	Metals					
Compiled receipts, total	1,279	2,259.1	7,839.5	1,948.5	11,559.9	2,230.6	13,419.9	30,695.6	3,230.8	11,238.8
[illegible]	1,2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
from sales	4.2	68.2	288.3	4.1	103.7	440.7	12,197.5	366.5	554.3	1,085.3
Interest	21.8	10.5	86.4	6.2	101.5	20.0	298.9	120.3	38.8	3,291.1
Rents	3.1	22.1	28.5	3.8	34.4	19.0	167.3	144.5	131.9	1,000.2
Profit, sale of cap. assets	1.2	2.6	14.0	1.3	25.0	4.4	18.7	40.5	7.7	140.9
Miscellaneous receipts	15.5	20.5	85.3	11.9	208.7	24.6	128.6	370.1	64.5	298.6
[illegible] income from [illegible]	9.5	16.5	209.0	5.0	74.0	21.0	614.9	47.3	42.0	809.3
Interest on tax-exempt obligations	1.6	3.6	15.1	2.1	36.8	4.0	33.1	12.1	1.6	407.0
Statutory deductions, total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,760.6	11,706.9
Cost of goods sold	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Compensation of officers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	192.2	500.7
Interest paid	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	135.8	1,755.4
Taxes paid [4]	19.5	22.0	148.4	14.9	175.8	14.2	733.8	206.1	81.3	533.4
Bad debts	6.0	26.2	39.6	10.0	87.2	20.2	47.8	264.2	26.3	487.3
Depreciation and depletion	67.4	68.7	528.2	77.2	553.0	69.8	1,146.1	318.9	191.2	354.2
Loss, sale of cap. assets	4.1	15.2	20.3	5.6	110.7	24.0	82.2	140.1	49.7	1,088.5
Misc. deductions	184.4	471.2	1,714.4	197.8	2,166.7	551.0	8,741.0	5,638.5	3,084.0	6,987.4
Compiled net profit or deficit	[5] 5.2	58.1	156.7	[5] 30.5	[5] 295.0	[5] 5.3	945.3	[5] 505.9	[5] 79.8	[5] 470.1
Deduct tax-exempt items	11.1	20.1	224.1	7.0	110.7	25.0	648.0	59.4	43.6	1,216.2
Statutory net income less net deficit	[5] 16.3	38.0	[5] 67.4	[5] 37.5	[5] 405.7	[5] 30.3	297.4	[5] 565.4	[5] 123.4	[5] 1,686.3
Net loss for prior year	1.0	2.4	4.8	1.7	10.6	9.0	10.8	19.2	6.9	32.4
Total tax	4.2	12.9	29.4	4.6	40.6	7.6	105.6	45.7	11.1	55.2
Compiled net profit less total tax	[5] 9.5	45.2	127.3	[5] 35.1	[5] 335.6	[5] 12.9	839.8	[5] 551.7	[5] 90.8	[5] 525.3

[1] Includes data for corporations which did not report the nature of their business.
[2] Total [illegible] not shown separately.
[3] See [illegible]
[4] Taxes other than income tax.
[5] Deficit. [6] Including transportation.
[7] Includes for a limited number of returns the cost of securities purchased for customers.
[8] Includes special nonexpense deductions of life insurance companies.

No. 183.—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 182

Industrial group	1924	1925	1926	1927	1928	1929	1930	1931
Total	119,229	134,260	142,130	144,398	152,781	160,622	136,062	107,515
Agricultural and allied industries	810	794	864	822	825	882	671	492
Mineral industry, total	4,849	4,925	4,548	3,837	3,589	4,048	2,999	2,229
Manufacturing, total	73,911	69,830	62,495	63,722	67,273	72,133	58,650	44,033
[illegible] products	13,847	13,400	12,316	13,486	13,049	13,497	12,015	9,355
Textiles and their products			1,160	428	1,200	1,271	1,171	1,184
Leather and its manufactures	7,189	7,716	7,753	7,807	7,837	8,233	6,417	5,301
Rubber products	1,507	1,515	1,661	1,731	1,722	1,741	1,389	1,110
Forest [illegible]	1,122	1,469	1,600	1,447	1,386	1,427	1,100	817
Paper, [illegible]	2,835	2,968	3,069	2,804	2,842	2,795	1,988	1,348
Printin[illegible]	1,364	1,491	1,652	1,669	1,728	1,796	1,579	1,272
Chemicals and allied products	2,166	2,282	2,547	2,566	2,680	2,871	2,663	2,285
Stone, clay, and glass [illegible]	5,890	7,065	8,090	8,768	9,551	10,288	9,727	7,324
Metal and [illegible]	1,383	1,502	1,665	1,600	1,655	1,655	1,409	1,041
All other [illegible]	15,939	19,110	18,454	19,185	21,174	24,093	17,198	11,514
Construction	2,668	2,311	2,527	2,229	2,449	2,466	1,994	1,482
Transportation and public utilities [1]	2,210	2,306	2,816	3,056	2,978	3,082	3,042	2,236
Trade	10,176	11,881	14,764	15,140	15,802	17,084	15,996	13,386
Public service	35,115	39,847	40,938	40,944	43,204	43,494	37,209	30,593
Finance, banking, insurance, etc.	2,632	2,839	3,360	3,587	3,828	4,192	4,165	3,679
Nature of business not given	9,072	10,517	12,300	13,204	15,234	15,659	13,297	10,830
	454	322	45	86	48	48	33	37

[1] Data for 1924 incomplete, as these corporations to a large extent reported merely net income.

Source of Tables 182 and 183: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 184.—CORPORATION DIVIDENDS: AS SHOWN IN INCOME TAX RETURNS

[In millions and tenths of millions of dollars. For totals for earlier years, see Table 181]

Industrial group	1928		1929		1930		1931	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
Total	**7,073.7**	**550.1**	**8,355.6**	**1,286.6**	**8,202.2**	**414.1**	**6,151.1**	**163.5**
Agriculture and related industries	50.4	1.1	33.5	5.4	25.0	3.2	25.7	1.9
Mining and quarrying	311.0	10.8	425.1	39.4	302.7	12.6	173.3	5.0
Manufacturing, total	2,981.6	269.8	3,158.8	409.7	3,160.9	121.9	2,285.6	42.1
Food products, including beverages	375.0	19.1	449.7	51.5	483.1	9.3	299.2	6.2
T.							107.0	(1)
	198.0	19.5	189.3	18.4	140.6	11.0	105.1	4.3
	47.7	10.8	39.4	2.5	40.0	1.7	28.5	.6
Rubber products	27.4	6.4	46.1	18.3	44.1	.6	26.9	(1)
Forest products	112.6	11.6	103.0	12.4	69.0	4.5	35.2	1.7
Paper, pulp, and products	80.7	12.0	79.5	1.6	75.3	12.1	46.0	3.4
Printing, publishing, etc.	128.1	5.5	152.7	17.1	175.2	6.9	111.7	3.7
Chemicals and allied products	771.1	95.5	819.9	189.7	864.8	25.4	668.6	6.6
Stone, clay, and glass products	83.3	17.4	90.8	11.5	79.7	8.4	59.1	.4
Metal and its products	1,054.0	56.5	1,078.3	76.5	1,091.9	35.3	724.7	13.9
All other manufacturing	103.8	15.6	110.1	10.2	97.2	6.7	73.5	1.2
	65.4	11.3	77.8	12.6	113.5	7.8	63.1	6.3
	1,652.9	44.3	2,092.7	40.2	2,223.9	40.2	1,796.5	16.2
Trade	561.7	74.4	624.9	97.7	560.8	61.7	433.3	16.5
Public service	134.3	12.9	176.5	7.4	106.1	11.3	115.7	10.5
	1,313.9	125.4	1,762.8	675.6	1,646.8	155.3	1,255.7	65.0
	2.6	.1	3.5	.6	2.5	.1	2.1	.1

[1] Less than $50,000.

No. 185.—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	20,939	8,694	----------	97,523
1927	425,675	379,156	287,542	16,851	50,959	21,005	9,781	----------	104,945
1928	443,611	384,548	307,218	21,952	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	59,676	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

Year	Assets—Contd.	Liabilities							
	Miscellaneous assets [5]	Notes and accounts payable	Bonded debt and mortgages	Miscellaneous liabilities	Capital stock [6]		Surplus and undivided profits	Deficit	Net surplus
					Preferred	Common			
1926	94,669	24,042	31,801	87,076	17,140	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

[1] Excludes [illegible] for 1926.

[2] Cash in ti[illegible]

[illegible] 1927, this item includes loans and discounts of banks included in 1926.

[illegible] 81.

[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 184 and 185: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 186.—ASSETS AND LIABILITIES OF CORPORATIONS: As of December 31, 1931, 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	381,088	7,567	9,576	80,106	12,082	318	13,029	2,036	500	6,137
Assets, total [3]	**296,497**	**2,136**	**10,050**	**63,801**	**7,188**	**1,171**	**5,001**	**899**	**1,298**	**2,893**
Cash [4]	15,880	57	242	3,458	432	150	334	73	84	83
Notes and accounts receivable	48,667	203	603	7,819	855	175	674	170	232	369
Inventories	15,140	155	474	9,003	962	409	982	280	163	447
Investments—tax exempt [5]	10,667	15	145	1,748	173	42	161	15	14	38
Investments other than tax-exempt	74,305	231	1,311	8,373	949	116	391	64	163	292
Capital assets—lands, buildings, and equipment [6]	115,303	1,334	6,633	28,286	3,143	115	2,170	229	450	1,512
Miscellaneous assets [7]	16,534	142	643	5,115	675	164	289	68	193	150
Liabilities, total [3]	**296,497**	**2,136**	**10,050**	**63,801**	**7,188**	**1,171**	**5,001**	**899**	**1,298**	**2,893**
Notes and accounts payable	23,251	362	849	6,017	872	60	661	119	178	380
Bonds, mortgages, and other liabilities	48,101	240	996	5,580	816	90	221	29	252	265
Miscellaneous liabilities [8]	81,882	185	866	4,564	366	72	271	39	47	182
Capital stock	98,911	976	5,564	32,330	3,685	630	2,934	573	738	1,388
Preferred	10,117	84	564	6,884	934	153	713	181	252	198
Common	70,794	892	5,000	25,446	2,751	477	2,221	392	486	1,190
Surplus	*51,976*	*587*	*2,571*	*17,572*	*1,688*	*322*	*1,260*	*202*	*175*	*895*
Less deficit	*7,624*	*214*	*795*	*2,061*	*240*	*3*	*346*	*63*	*91*	*218*
Net surplus	44,352	373	1,776	15,311	1,448	319	914	139	84	677

	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	1,934	9,955	6,090	3,847	17,604	15,350	16,457	113,886	28,545	107,892
Assets, total [3]	**2,408**	**3,034**	**14,800**	**2,186**	**20,803**	**2,475**	**72,337**	**17,900**	**6,555**	**121,043**
Cash [4]	77	128	538	91	1,351	155	1,333	1,033	211	9,385
Notes and accounts receivable	215	597	1,557	191	2,455	643	2,826	4,688	636	31,202
Inventories	255	181	1,643	269	3,045	180	889	3,986	198	249
Investments—tax exempt [5]	42	83	171	65	896	97	257	297	46	8,060
Investments other than tax-exempt	475	527	2,690	185	2,246	448	11,359	1,824	1,143	49,551
Capital assets—lands, buildings, and equipment [6]	1,185	915	7,360	1,251	9,277	704	52,214	4,729	3,719	17,638
Miscellaneous assets [7]	158	602	842	134	1,533	247	3,460	1,345	602	4,968
Liabilities, total [3]	**2,408**	**3,034**	**14,800**	**2,186**	**20,803**	**2,475**	**72,337**	**17,900**	**6,555**	**121,043**
Notes and accounts payable	202	570	882	178	1,662	580	3,494	4,074	878	6,962
Bonds, mortgages, and other liabilities	321	311	1,317	188	1,623	297	27,024	1,315	1,636	11,000
Miscellaneous liabilities [8]	107	193	1,176	146	1,748	330	4,945	1,066	569	69,331
Capital stock	1,233	1,104	7,253	1,200	10,478	810	26,542	8,521	2,428	21,584
Preferred	360	218	787	285	2,583	133	5,802	1,683	461	3,490
Common	873	886	6,466	915	7,895	677	20,740	6,838	1,967	18,094
Surplus	*584*	*971*	*4,428*	*561*	*5,732*	*568*	*11,111*	*4,003*	*1,452*	*14,269*
Less deficit	*38*	*115*	*256*	*87*	*439*	*119*	*779*	*1,078*	*407*	*2,102*
Net surplus	546	856	4,172	474	5,293	449	10,332	2,925	1,045	12,167

[1] Includes [illegible] did not report the nature of their business.
[2] Includes [illegible] not shown separately. [3] Less deficit.
[4] Includes cash deposits in banks. [5] See note 4, Table 181. [6] Less depreciation.
[7] Includes copyrights, formulas, goodwill, patents, trade [illegible]ls, other funds, deferred charges, organization expenses, prepaid and suspense items, [illegible] coupons and dividends receivable [illegible] contracts, [illegible] cash value of life insurance companies include market value of real estate and bonds in [illegible] nd bad debts, deferred payable, outstanding [illegible] rance companies include the net [illegible] securities and borrowed money [illegible] liabilities of banks [illegible], demand, etc.) and bank notes in circulation.

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

No. 187.—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, 1931

[All money figures (except assets classes) in millions and tenths of millions of dollars]

Total assets class (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					Agriculture				
Total	381,088	298,497.0	105,238.0	[3] *487.1*	[3] *2,924.9*	1,567	2,135.8	466.6	[3] *70.4*	[3] *76.3*
Under 50	182,447	3,702.8	6,952.5	[3] *412.2*	[3] *417.8*	3,201	73.2	41.9	[3] *8.3*	[3] *8.3*
50 to 100	61,144	4,366.5	5,398.1	[3] *213.6*	[3] *219.4*	1,367	98.5	31.0	[3] *6.8*	[3] *6.9*
100 to 250	63,428	10,072.1	8,803.0	[3] *339.7*	[3] *361.5*	1,535	242.1	65.7	[3] *15.4*	[3] *15.6*
250 to 500	31,052	10,920.6	7,209.5	[3] *251.0*	[3] *289.8*	693	241.2	52.2	[3] *9.7*	[3] *10.3*
500 to 1,000	19,335	13,530.9	7,078.8	[3] *252.3*	[3] *311.1*	414	286.3	48.0	[3] *10.3*	[3] *11.0*
1,000 to 5,000	18,345	37,955.4	14,595.0	[3] *538.9*	[3] *788.7*	323	633.0	88.4	[3] 16.2	[3] *18.6*
5,000 to 10,000	2,588	17,965.2	5,588.5	[3] *137.8*	[3] *231.2*	[4] 25				
10,000 to 50,000	2,117	43,167.2	13,365.1	[3] *35.8*	[3] *434.5*	[4] 8	561.5	285.3	[3] 3.7	[3] 5.6
50,000 and over	632	154,807.3	36,247.5	1,694.2	179.1	[4] 1				
	Mining and quarrying					Manufacturing				
Total	9,576	10,050.1	2,191.2	[3] *201.9*	[3] *244.5*	80,106	63,801.3	43,534.4	[3] *308.0*	[3] *770.2*
Under 50	3,223	67.9	45.2	[3] *12.9*	[3] *13.0*	35,986	748.4	1,473.5	[3] *104.4*	[3] *104.7*
50 to 100	1,472	104.2	45.5	[3] *6.1*	[3] *6.2*	13,089	940.4	1,376.8	[3] *66.7*	[3] *67.3*
100 to 250	1,831	292.6	97.6	[3] *11.4*	[3] *11.7*	13,940	2,220.8	2,683.1	[3] *122.4*	[3] *125.1*
250 to 500	1,049	372.1	107.0	[3] *8.0*	[3] *9.0*	7,105	2,508.8	2,529.3	[3] *100.8*	[3] *105.6*
500 to 1,000	791	561.2	123.7	[3] *13.7*	[3] *14.6*	4,452	3,103.0	2,788.9	[3] *90.7*	[3] *98.0*
1,000 to 5,000	936	1,961.8	344.1	[3] *39.0*	[3] *46.0*	4,215	8,753.9	6,439.5	[3] *209.3*	[3] *240.3*
5,000 to 10,000	139	947.1	166.5	[3] *8.9*	[3] *14.0*	618	4,261.0	2,630.8	[3] *37.5*	[3] *54.6*
10,000 to 50,000	110	2,081.7	455.0	[3] *26.2*	[3] *34.8*	562	11,618.4	6,810.3	[3] *35.8*	[3] *116.0*
50,000 and over	25	3,661.5	806.6	[3] *75.7*	[3] *95.2*	139	29,646.6	16,802.2	459.6	141.4
	Construction					Transportation and other public utilities				
Total	15,350	2,474.8	2,131.2	[3] *3.7*	[3] *26.9*	16,457	72,337.2	13,297.5	958.3	313.8
Under 50	9,349	175.0	342.0	[3] *23.4*	[3] *23.5*	9,500	167.8	212.5	[3] *14.7*	[3] *15.1*
50 to 100	2,391	169.5	256.3	[3] *10.2*	[3] *10.4*	2,069	145.9	123.2	[3] *3.1*	[3] *3.3*
100 to 250	2,131	330.5	419.4	[3] *6.8*	[3] *7.3*	1,882	296.2	160.8	[3] *.2*	[3] *.6*
250 to 500	754	262.6	286.8	2.2	1.0	904	314.1	126.5	4.6	4.1
500 to 1,000	434	302.3	247.3	1.7	.5	615	437.4	136.7	3.2	2.6
1,000 to 5,000	251	496.1	300.0	18.6	14.8	800	1,765.5	366.4	10.1	6.5
5,000 to 10,000	21	135.8	52.1	[3] *.8*	[3] *.7*	210	1,517.5	304.9	17.9	14.1
10,000 to 50,000	16	265.1	123.1	4.6	1.1	279	6,322.9	1,018.9	62.3	33.6
50,000 and over	3	337.9	124.2	9.9	[3] *1.9*	198	61,369.9	10,847.6	878.2	271.9
	Trade					Public service				
Total	113,888	17,900.0	29,540.2	[3] *463.4*	[3] *512.8*	28,545	6,555.3	3,488.0	[3] *67.1*	[3] *110.2*
Under 50	69,676	1,433.3	3,918.2	[3] *157.2*	[3] *157.9*	18,254	311.5	598.4	[3] *29.1*	[3] *29.4*
50 to 100	19,466	1,372.3	2,971.0	[3] *84.0*	[3] *84.8*	3,881	274.7	303.6	[3] *8.5*	[3] *8.9*
100 to 250	15,026	2,315.4	4,351.8	[3] *106.4*	[3] *109.1*	3,443	539.0	424.2	[3] *13.1*	[3] *14.1*
250 to 500	5,300	1,842.5	3,137.7	[3] *71.6*	[3] *75.3*	1,367	473.3	297.0	[3] *.3*	[3] *1.4*
500 to 1,000	2,483	1,720.8	2,636.7	[3] *62.4*	[3] *66.3*	795	550.4	256.2	[3] *3.7*	[3] *5.2*
1,000 to 5,000	1,645	3,181.3	4,536.8	[3] *67.5*	[3] *80.4*	681	1,405.5	481.7	[3] *15.8*	[3] *19.8*
5,000 to 10,000	152	1,104.9	1,341.8	2.6	[3] *3.0*	72	484.0	193.9	[3] *2.5*	[3] *4.6*
10,000 to 50,000	113	2,167.6	2,701.7	1.2	[3] *9.8*	45	829.2	312.7	[3] *14.1*	[3] *19.6*
50,000 and over	25	2,761.9	3,944.5	91.9	74.3	7	1,687.7	618.3	21.0	[3] 7.2
	Finance—Banking, insurance, etc.					Nature of business not given				
Total	107,892	121,043.0	10,565.0	[3] *328.1*	[3] *1,484.2*	1,709	199.3	25.9	[3] *12.8*	[3] *14.2*
Under 50	32,140	709.2	310.7	[3] *59.8*	[3] *63.4*	1,118	16.4	10.0	[3] *2.2*	[3] *2.4*
50 to 100	17,201	1,246.4	286.0	[3] *27.8*	[3] *31.1*	208	14.7	4.7	[3] *.4*	[3] *.4*
100 to 250	23,429	3,802.4	595.9	[3] *62.8*	[3] *76.8*	211	33.1	4.7	[3] *1.0*	[3] *1.1*
250 to 500	13,802	4,887.3	690.0	[3] *59.2*	[3] *85.1*	78	27.6	3.1	[3] *3.2*	[3] *3.4*
500 to 1,000	9,298	6,533.5	839.2	[3] *75.7*	[3] *118.0*	53	36.0	2.2	[3] *.8*	[3] *1.2*
1,000 to 5,000	9,453	19,686.7	2,036.9	[3] *219.8*	[3] *404.2*	41	71.5	1.2	[3] *.2*	[3] *.7*
5,000 to 10,000	1,351	9,355.3	881.0	[3] *105.3*	[3] *214.4*					
10,000 to 50,000	984	19,718.2	1,913.1	[3] *23.1*	[3] *283.7*					
50,000 and over	234	55,104.0	3,012.2	305.4	[3] *208.0*					

[1] See note 1, Table 181.
[2] Total compiled receipts less statutory deductions.
[3] Deficit.
[4] Classes grouped to conceal identity of taxpayer.

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

No. 188.—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
1921	356,397	171,239	48.05	60,051,123	55,715,075	4,336,048	
1922	382,883	212,535	55.51	80,331,680	73,367,869	6,963,811	501,780
1923	398,033	233,339	58.49	97,457,479	89,135,950	8,321,529	578,307
1924	417,421	236,389	56.63	97,158,996	89,572,344	7,586,652	219,727
1925	430,072	252,334	58.67	113,692,083	104,108,400	9,583,684	243,079
1926	455,320	258,134	56.69	118,022,117	108,348,714	9,673,403	235,852
1927	475,031	259,849	54.70	115,324,339	106,342,455	8,981,884	244,293
1928	495,892	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	117,979,905	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
New England	37,277	13,641	36.59	4,034,071	3,766,639	267,431	7,709
Maine	3,884	1,535	39.52	210,292	196,937	13,355	390
New Hampshire	1,345	587	43.64	73,756	69,590	4,166	315
Vermont	1,169	420	35.93	51,468	49,535	1,933	40
Massachusetts	19,678	6,727	34.18	2,581,451	2,410,468	170,983	5,028
Rhode Island	3,127	1,217	38.92	265,321	247,137	18,184	678
Connecticut	8,074	3,155	39.08	851,783	792,972	58,810	1,258
Middle Atlantic	160,266	56,172	35.05	20,086,045	18,463,047	1,622,997	58,098
New York	110,851	39,271	35.43	15,113,394	13,896,756	1,216,637	43,410
New Jersey	22,967	8,449	36.79	1,745,271	1,588,142	157,129	5,552
Pennsylvania	26,448	8,452	31.96	3,227,380	2,978,149	249,231	9,136
East North Central	101,309	32,963	32.54	12,894,241	12,120,544	773,699	30,187
Ohio	25,462	8,318	32.67	2,910,398	2,740,020	170,378	8,109
Indiana	11,989	4,395	36.66	696,537	646,175	50,362	3,564
Illinois	32,260	10,489	32.51	5,651,020	5,387,407	263,614	10,121
Michigan	15,287	4,562	29.84	2,776,880	2,537,741	239,140	7,161
Wisconsin	16,311	5,199	31.87	859,406	809,201	50,205	1,232
West North Central	54,350	19,715	36.28	3,937,495	3,704,380	233,114	8,917
Minnesota	11,403	4,364	38.27	1,063,009	1,005,698	57,311	2,456
Iowa	9,350	3,527	37.72	548,375	522,866	25,509	1,148
Missouri	16,767	5,723	34.13	1,462,835	1,361,520	101,315	3,109
North Dakota	3,548	826	23.28	44,313	42,661	1,651	134
South Dakota	3,132	1,093	34.90	55,099	52,858	2,241	52
Nebraska	4,860	2,071	42.61	303,124	290,476	12,648	796
Kansas	5,290	2,111	39.91	460,740	428,301	32,439	1,222
South Atlantic	48,598	16,469	33.89	4,685,918	4,308,823	377,094	9,698
[illegible]	1,966	674	34.28	679,062	602,864	76,198	847
[illegible]	5,841	2,255	38.60	1,529,221	1,452,599	76,622	1,643
[illegible]	2,343	1,067	45.54	283,554	261,178	22,376	603
[illegible]	7,071	2,730	38.61	631,485	554,739	76,746	782
[illegible]	4,953	1,900	38.36	228,123	211,677	16,445	473
North Carolina	6,219	1,819	29.25	673,646	602,453	71,193	1,052
South Carolina	3,610	980	27.15	114,668	108,584	6,084	604
Georgia	5,567	1,980	35.57	316,569	297,946	18,624	2,122
Florida	11,028	3,064	27.78	229,590	216,783	12,806	1,562
East South Central	17,666	6,152	34.82	847,820	796,351	51,468	3,639
Kentucky	5,470	2,158	39.45	267,715	248,749	18,965	705
Tennessee	5,312	1,832	34.49	362,762	339,793	22,969	1,749
Alabama	4,299	1,380	32.10	134,244	128,195	6,049	865
Mississippi	2,585	782	30.25	83,099	79,614	3,485	320
West South Central	30,851	10,247	33.21	1,510,961	1,416,889	94,072	6,391
[illegible]	2,471	899	36.38	69,487	65,542	3,946	306
[illegible]	6,597	2,415	36.61	419,649	396,414	23,234	2,127
[illegible]	6,558	1,717	26.18	205,067	184,156	20,911	965
[illegible]	15,225	5,216	34.26	816,758	770,777	45,981	2,993
Mountain	21,528	6,882	31.97	984,610	942,698	41,913	1,637
Montana	3,201	1,099	34.33	78,928	75,642	3,286	162
Idaho	2,509	685	27.30	56,223	53,404	2,819	96
Wyoming	1,416	580	40.96	27,804	26,103	1,701	88
[illegible]	7,205	2,359	32.74	284,298	265,856	18,442	569
Arizona	1,172	375	32.00	29,711	28,464	1,247	133
Utah	1,893	506	26.73	48,834	46,312	2,522	250
Nevada	3,135	977	31.16	100,564	95,508	5,056	235
Pacific	997	301	30.19	358,248	351,409	6,840	104
Washington	43,709	13,291	30.41	3,019,146	2,802,453	216,693	9,546
Oregon	13,091	3,916	29.91	357,660	340,052	17,608	1,254
California	6,880	1,910	27.76	220,112	211,176	8,936	457
	23,738	7,465	31.45	2,441,374	2,251,225	190,149	7,835
Alaska	181	71	39.23	4,368	4,035	333	50
Hawaii	669	295	44.10	46,360	41,808	4,552	133

[1] No income data reported.

[2] Includes war and excess-profits tax; for amount see Table 172.

FOR UNITED STATES, 1921 TO 1931, AND BY STATES, 1931

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] 701,575	----------	185,158	51.95	31,198,150	35,076,369	3,878,219	----------	----------	1921.
[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	22,530,696	1,962,628	----------	----------	1925.
1,229,797	----------	197,186	43.31	24,107,735	26,276,445	2,168,710	----------	----------	1926.
1,130,674	100.00	165,826	34.91	29,074,012	31,545,751	2,471,739	49,356	10.39	1927.
1,184,142	100.00	174,828	35.26	25,411,989	27,803,114	2,391,124	52,281	10.54	1928.
1,193,436	100.00	186,591	36.63	30,987,717	33,901,846	2,914,128	53,415	10.49	1929.
711,704	100.00	241,616	46.58	46,500,564	51,378,169	4,877,595	55,700	10.74	1930.
398,994	100.00	283,806	54.98	55,484,204	62,435,117	6,970,913	56,700	10.98	1931.
29,091	7.29	21,214	56.91	4,109,118	4,659,441	550,323	2,422	6.50	N. E.
1,304	.33	1,806	46.50	270,579	307,479	36,900	543	13.98	Me.
362	.09	687	51.08	80,675	89,408	8,733	71	5.28	N. H.
155	.04	693	59.28	72,214	80,007	7,792	56	4.79	Vt.
18,985	4.76	11,948	60.72	2,410,170	2,747,373	337,204	1,003	5.10	Mass.
1,887	.47	1,655	52.92	373,103	428,470	55,367	255	8.16	R. I.
6,398	1.60	4,425	54.81	902,377	1,006,704	104,327	494	6.11	Conn.
179,586	45.01	90,337	56.37	22,999,555	25,836,143	2,836,588	13,757	8.58	Mid. Atl.
135,402	33.94	62,639	56.50	16,194,996	18,113,455	1,918,459	8,941	8.07	N. Y.
16,813	4.21	12,515	54.49	1,794,189	2,235,666	441,477	2,003	8.72	N. J.
27,371	6.86	15,183	57.40	5,010,370	5,487,022	476,652	2,813	10.64	Pa.
83,854	21.02	58,804	58.04	13,567,705	15,106,737	1,539,033	9,542	9.42	E. N. C.
18,223	4.57	15,457	60.70	3,071,048	3,462,100	391,052	1,687	6.63	Ohio.
4,888	1.23	6,236	52.01	730,309	826,116	95,807	1,358	11.33	Ind.
28,520	7.15	18,920	58.05	6,825,575	7,468,416	642,842	2,851	8.84	Ill.
27,123	6.80	9,124	59.69	2,036,296	2,336,141	299,845	1,601	10.47	Mich.
5,100	1.27	9,067	55.59	904,477	1,013,964	109,487	2,045	12.54	Wis.
23,958	6.00	26,818	49.34	3,532,552	3,956,757	424,204	7,817	14.38	W. N. C.
5,991	1.50	5,427	47.59	951,175	1,056,777	105,601	1,612	14.14	Minn.
2,361	.59	4,119	44.05	408,076	455,503	47,427	1,704	18.23	Iowa.
10,872	2.73	9,107	54.32	1,573,324	1,759,191	185,867	1,937	11.55	Mo.
94	.02	1,735	48.90	53,623	60,159	6,536	987	27.82	N. Dak.
118	.03	1,361	43.45	60,017	65,039	5,022	678	21.65	S. Dak.
1,087	.27	2,355	48.46	204,894	226,000	21,106	434	8.93	Nebr.
3,435	.86	2,714	51.30	281,443	334,088	52,645	465	8.79	Kans.
41,602	10.43	25,643	52.76	3,637,397	4,128,389	490,994	6,486	13.35	S. Atl.
8,930	2.24	1,033	52.54	813,073	906,481	93,408	259	13.18	Del.
8,736	2.19	2,932	50.20	719,472	821,285	101,813	654	11.20	Md.
2,419	.60	1,081	46.14	253,735	279,482	25,747	195	8.32	D. C.
8,662	2.17	3,661	51.77	375,118	425,987	50,870	680	9.62	Va.
1,586	.40	2,508	50.64	277,974	316,924	38,950	545	11.00	W. Va.
8,148	2.04	3,803	61.15	381,167	421,274	40,107	597	9.60	N. C.
539	.14	2,244	62.16	196,589	215,008	18,419	386	10.69	S. C.
1,664	.42	3,308	59.42	356,912	401,021	44,109	279	5.01	Ga.
909	.23	5,073	46.00	263,357	340,927	77,571	2,891	26.22	Fla.
4,796	1.20	9,603	54.36	1,178,942	1,309,385	130,444	1,911	10.82	E. S. C.
1,843	.46	2,765	50.55	433,143	473,385	40,242	547	10.00	Ky.
2,274	.57	3,007	56.61	389,176	434,427	45,252	473	8.90	Tenn.
412	.10	2,370	55.13	244,801	274,646	29,845	549	12.77	Ala.
267	.07	1,461	56.52	111,822	126,927	15,105	342	13.23	Miss.
8,935	2.24	17,491	56.70	2,315,335	2,664,093	348,758	3,113	10.09	W. S. C.
303	.08	1,415	57.26	144,318	160,244	15,926	157	6.36	Ark.
2,150	.54	3,440	52.14	480,865	540,840	59,975	742	11.25	La.
2,171	.54	4,054	61.82	591,717	711,596	119,879	787	12.00	Okla.
4,311	1.08	8,582	56.37	1,098,435	1,251,413	152,978	1,427	9.37	Tex.
3,795	.95	10,040	48.64	772,997	890,761	117,762	4,606	21.39	Mt.
251	.06	1,729	54.01	68,003	85,492	17,489	373	11.66	Mont.
225	.06	1,031	41.09	65,211	77,927	12,716	793	31.61	Idaho.
91	.02	634	44.77	28,814	33,688	4,874	202	14.27	Wyo.
1,786	.45	3,355	46.56	366,998	407,800	40,802	1,491	20.70	Colo.
68	.02	558	47.61	29,180	33,267	4,088	239	20.39	N. Mex.
194	.05	807	42.63	56,072	71,043	14,970	580	30.64	Ariz.
426	.10	1,516	48.36	139,229	157,276	18,046	642	20.48	Utah.
754	.19	410	41.12	19,490	24,268	4,777	286	28.69	Nev.
22,879	5.73	23,424	58.59	3,294,175	3,817,192	523,018	6,994	16.00	Pac.
1,397	.35	6,388	48.80	592,111	675,434	83,323	2,787	21.29	Wash.
768	.19	3,467	50.39	311,467	355,446	43,979	1,503	21.85	Oreg.
20,714	5.19	13,569	57.16	2,390,597	2,786,312	395,716	2,704	11.39	Calif.
18	.01	86	47.51	3,488	4,050	562	24	13.26	Alaska.
477	.12	346	51.72	52,942	62,170	9,228	28	4.18	Hawaii.

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

No. 189.—CORPORATION INCOME TAX RETURNS: BY STATES AND TERRITORIES, 1928 TO 1931

[All figures in thousands of dollars]

Division and State	Net income (corporations reporting net income)				Income tax			
	1928	1929	1930	1931	1928	1929	1930	1931
Total	10,617,741	11,653,886	8,428,813	3,683,368	1,184,142	1,193,436	711,704	398,994
New England	698,336	756,553	396,767	267,431	76,987	76,418	43,392	29,091
Maine	34,915	35,379	24,232	13,355	3,703	3,432	2,497	1,304
New Hampshire	11,398	11,948	7,455	4,166	1,168	1,117	720	362
Vermont	10,314	10,255	5,287	1,933	1,038	963	491	155
Massachusetts	412,506	444,570	249,537	170,983	45,932	44,620	27,837	18,985
Rhode Island	51,732	54,487	25,345	18,184	5,585	5,504	2,677	1,887
Connecticut	177,471	199,914	84,911	58,810	19,570	20,782	9,170	6,398
[illegible]	[illegible]	[illegible]	2,881,947	1,622,997	512,905	540,903	326,465	179,586
[illegible]	[illegible]	[illegible]	2,091,540	1,216,637	367,733	383,110	238,010	135,402
[illegible]	[illegible]	[illegible]	224,871	157,129	41,171	45,680	24,075	16,813
Pennsylvania	905,715	1,060,023	565,536	249,231	104,001	112,113	64,380	27,371
East North Central	2,645,749	2,875,791	1,451,954	773,699	298,331	290,062	161,205	83,854
Ohio	589,966	687,231	301,340	170,378	64,775	71,393	33,041	18,223
[illegible]	[illegible]	124,080	71,467	50,302	12,902	11,980	7,250	4,888
[illegible]	[illegible]	1,103,647	580,664	263,614	115,222	115,133	66,135	28,520
[illegible]	[illegible]	762,435	389,343	239,140	85,310	71,628	43,858	27,123
Wisconsin	184,569	198,398	103,140	50,205	20,122	19,928	10,921	5,100
West North Central	628,595	652,551	400,375	233,114	67,346	65,141	42,258	23,958
Minnesota	155,637	146,669	87,556	57,311	17,091	14,697	9,225	5,991
Iowa	65,510	68,046	46,489	25,509	6,604	6,399	4,574	2,301
Missouri	256,781	262,695	162,446	101,315	27,953	26,786	17,748	10,872
North Dakota	5,688	4,538	2,721	1,651	321	251	133	94
South Dakota	6,229	6,296	4,845	2,241	395	394	204	118
Nebraska	30,623	30,079	21,996	12,648	2,883	2,662	2,043	1,087
Kansas	108,127	134,228	74,321	32,439	12,099	13,952	8,241	3,435
South Atlantic	778,806	893,882	534,441	377,094	86,416	91,927	59,013	41,602
Delaware	189,783	272,455	125,273	76,198	22,067	29,423	14,548	8,939
Maryland	156,352	165,645	116,375	76,622	17,573	16,851	13,225	8,736
Dist. of Columbia	55,898	52,909	30,331	22,376	6,423	5,460	3,286	2,419
Virginia	118,805	132,956	110,675	76,746	13,166	13,794	12,519	8,662
West Virginia	51,923	59,047	27,487	16,445	5,445	5,757	2,647	1,586
North Carolina	96,562	104,314	73,172	71,193	10,770	10,863	8,334	8,148
South Carolina	17,816	16,161	6,281	6,034	1,804	1,464	526	539
Georgia	64,903	62,231	23,925	18,624	6,892	6,105	2,252	1,664
Florida	27,064	28,114	20,922	12,806	2,276	2,210	1,676	909
East South Central	184,999	179,064	89,964	51,468	19,332	17,264	8,906	4,796
Kentucky	75,154	77,305	38,453	18,965	8,172	7,746	3,982	1,843
Tennessee	65,893	59,533	33,117	22,969	7,039	5,744	3,364	2,274
Alabama	31,252	29,080	12,394	6,049	3,055	2,643	1,048	412
Mississippi	12,700	13,737	6,000	3,485	1,066	1,131	512	267
West South Central	330,498	365,953	208,328	94,072	34,260	34,419	21,145	8,935
Arkansas	17,064	17,566	6,755	3,946	1,572	1,451	571	303
Louisiana	60,221	53,648	33,217	23,234	6,122	4,980	3,096	2,150
Oklahoma	79,233	105,607	71,297	20,911	8,125	9,795	7,739	2,171
Texas	173,980	189,132	97,054	45,981	18,441	18,193	9,739	4,311
Mountain	128,718	128,807	68,617	41,913	12,441	11,663	6,325	3,796
Montana	14,643	11,941	5,582	3,286	1,249	941	379	251
Idaho	6,645	7,525	4,943	2,819	535	505	403	226
Wyoming	5,737	3,976	3,066	1,701	457	262	203	91
Colorado	59,932	52,349	30,943	18,442	6,109	5,084	3,090	1,786
New Mexico	4,621	4,320	2,456	1,247	415	354	179	68
Arizona	9,811	18,902	4,756	2,522	936	1,732	421	194
Utah	20,363	19,933	11,323	5,056	2,004	1,814	1,055	426
Nevada	6,964	9,771	5,548	6,840	736	971	595	754
Pacific	657,065	619,179	373,086	216,693	72,194	62,547	40,317	22,879
Washington	75,391	76,230	31,492	17,608	7,419	6,986	2,686	1,397
Oregon	29,385	30,026	17,010	8,936	2,737	2,601	1,517	768
California	552,289	512,923	324,584	190,149	62,038	52,960	36,114	20,714
Alaska	642	837	503	333	46	46	35	18
Hawaii	33,456	28,829	22,836	4,552	3,884	3,046	2,643	477

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

No. 190.—CORPORATION INCOME TAX RETURNS: NUMBER, INCOME, AND TAX, BY INDUSTRIAL GROUPS AND INDUSTRIES, 1931

NOTE.—For totals for all corporations see Table 188. 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	**2,546**	**215,096**	**14,002**	**1,201**	**7,354**	**276,868**	**98,778**
Mining and quarrying	**3,832**	**732,720**	**71,154**	**7,211**	**8,291**	**1,496,571**	**325,963**
Metal mining	149	85,323	9,375	1,005	574	380,836	80,565
	33	185,115	5,743	622	59	161,926	7,357
	582	166,244	9,957	1,039	1,513	458,449	57,702
	1,136	89,775	12,542	1,034	2,571	361,151	133,425
Manufacturing	**30,270**	**20,974,409**	**1,464,619**	**165,311**	**58,815**	**23,058,882**	**2,287,589**
Food products, including beverages	6,466	5,365,954	326,910	36,823	7,524	3,988,705	203,478
Bakery and confectionery products	1,511	909,998	79,695	9,137	1,865	316,875	22,951
Canned products—fish, fruits, vegetables, poultry, etc	459	197,323	30,021	3,443	1,219	421,401	50,131
Mill products—bran, flour, feed, etc	448	498,038	21,822	2,532	746	247,328	8,940
Packing-house products—fresh meats, ham, lard, bacon; meat canning, by-products, etc	357	1,376,191	14,711	1,651	419	2,279,852	35,406
Sugar—beet, cane, maple, and products	59	366,556	20,997	2,401	111	263,723	37,560
Beverages—soft drinks, cereal beverages, mineral water, wines, distilling	979	206,725	27,809	2,961	1,215	93,204	19,490
Tobacco, cigarettes, cigars, snuff, etc	155	1,086,321	142,494	17,066	211	97,515	5,606
Tex	4,875	2,132,182	77,830	7,351	9,503	3,168,902	342,537
Co	208	229,858	12,544	1,215	637	580,775	76,114
W	172	139,877	6,542	559	368	291,405	37,785
	267	243,666	9,504	926	493	319,226	42,932
	39	83,481	2,227	125	104	64,484	11,316
	2,460	803,344	18,484	1,667	4,741	1,054,240	85,293
Knit goods—sweaters, hosiery, etc	462	228,346	9,905	1,012	762	323,632	32,627
Leather and its manufactures	754	545,388	30,091	3,340	1,487	564,469	64,737
Boots, shoes, slippers, etc	457	460,678	27,032	3,064	708	278,859	24,876
Gloves, saddlery, harness, trunks, finishing and tanning leather, etc	297	84,710	3,059	276	779	285,610	39,861
Rubber products	174	401,314	14,004	1,371	361	415,317	38,154
Tires and tubes, etc	22	346,434	10,984	1,058	46	321,929	27,819
Rubber boots, shoes, hose, and artificial rubber	107	46,282	2,704	283	240	82,084	8,953
Bone, celluloid, and ivory products	45	8,598	316	30	75	11,305	1,382
Forest products	1,525	332,942	14,966	1,379	5,150	1,014,898	199,138
Sawmill and planing mill products	507	83,506	2,981	218	2,493	535,640	121,867
Carriages, wagons, furniture, etc	1,018	249,436	11,985	1,161	2,657	479,258	77,272
Paper, pulp, and products	832	632,927	37,472	4,239	1,200	639,142	53,776
Printing, publishing, and allied industries	4,593	1,285,285	115,795	12,895	6,810	1,000,179	77,802
Chemicals and allied products	2,797	3,371,395	251,493	29,409	4,047	3,952,977	318,864
P	208	1,116,407	36,602	4,247	364	3,288,357	246,396
	146	642,417	49,246	5,882	167	40,253	4,067
paints, soaps, etc	2,352	1,589,666	164,614	19,176	3,299	527,790	56,205
Fertilizers	91	22,905	1,031	104	217	96,577	12,196
Stone, clay, glass, and related products	1,149	483,373	41,683	4,614	3,076	558,054	79,171
Metal and its products	4,744	4,652,191	355,221	40,624	14,174	6,861,806	760,951
Iron and steel—products of blast furnaces, rolling mills, foundries	631	372,284	16,237	1,737	2,068	2,323,005	142,196
Locomotives and railroad equipment	32	61,879	3,790	450	120	111,284	27,365
Motor vehicles, complete or parts	201	1,803,959	149,323	17,444	621	1,030,313	123,534
Factory machinery	383	241,335	22,036	2,511	924	239,243	43,161
	88	115,233	3,014	317	322	240,815	28,211
	267	225,115	17,140	1,999	602	596,071	63,220
gas, and mining machinery and equipment	651	311,527	23,208	2,553	2,117	523,685	87,965
Household machinery and equipment	299	308,688	26,999	2,994	748	178,420	19,405
Office equipment, etc	86	141,849	20,541	2,453	250	135,439	12,831
Metal building material and supplies	326	131,369	8,684	919	1,238	369,804	49,677
Hardware, tools, etc	572	210,758	17,836	1,978	1,738	430,533	86,654
Precious metal products and processes	215	73,257	2,645	253	665	138,357	22,877

No. 190.—Corporation Income Tax Returns: Number, Income, and Tax, by Industrial Groups and Industries, 1931—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	66	39,359	1,632	94	180	85,126	20,902
Airplanes, seaplanes, etc.	16	6,673	860	84	116	42,447	14,080
Construction	**6,457**	**1,213,234**	**80,699**	**7,625**	**11,675**	**1,022,318**	**111,048**
Building and construction above ground, installing machinery, moving, wrecking, mining, etc.	3,882	477,568	22,033	1,818	7,886	582,806	60,525
construction, related industries, etc.	2,492	673,445	54,188	5,332	3,613	386,473	42,822
Shipbuilding and repairing	83	62,222	4,478	474	176	53,038	7,701
Transportation and other public utilities	**10,933**	**6,800,951**	**902,635**	**105,585**	**10,622**	**6,584,845**	**605,249**
Steam railroads	152	948,305	105,515	12,514	394	3,888,935	275,327
Electric railways; Pullman cars; refrigerator, stock, poultry, and fruit cars; lessors	362	405,326	86,041	10,300	345	380,243	39,946
Water transportation and related branches	753	197,761	22,461	2,476	915	160,990	35,667
Aerial transportation	100	39,377	2,542	250	491	32,150	17,152
Autobus lines, taxicabs, and sight-seeing	783	96,507	5,839	487	1,382	124,154	12,221
	4,169	334,072	34,863	3,319	4,362	419,302	28,185
Electric light and power companies	557	1,902,311	290,320	34,377	295	921,131	74,964
	238	542,536	57,211	6,747	238	112,293	29,138
	2,154	1,757,158	204,908	24,358	1,117	157,094	11,799
	147	25,318	4,411	489	163	111,671	9,330
	925	120,762	13,476	1,460	401	27,088	8,364
Trade	**46,049**	**16,109,402**	**460,035**	**45,708**	**86,799**	**14,484,044**	**1,025,431**
Wholesale	8,649	5,273,065	104,381	10,142	14,721	5,055,509	324,721
Retail	26,404	8,039,119	271,800	27,826	53,581	6,664,485	491,134
Wholesale and retail	4,159	1,731,736	40,429	4,580	6,382	1,626,589	103,584
Commission	2,486	562,345	19,746	1,844	4,142	510,767	39,088
Service	**15,637**	**1,698,877**	**117,925**	**11,081**	**22,588**	**1,980,348**	**241,288**
Domestic service—laundries, hotels, restaurants, etc.	5,255	732,627	36,430	3,389	8,794	842,178	121,601
Amusements	3,061	388,961	35,749	3,496	4,657	735,980	61,152
Theaters, legitimate, vaudeville, etc.	182	18,764	1,398	130	343	33,147	7,532
Motion	54	29,696	2,698	318	145	412,252	11,372
Motio	1,167	276,519	26,005	2,638	1,148	208,133	21,582
Other							
race tracks, etc.	1,658	63,982	5,649	410	3,021	82,449	20,666
educational, en-							
Business service—d shows, mimeo dire	2,501	125,908	11,070	904	3,744	112,036	20,304
	2,308	346,219	25,018	2,546	3,135	214,590	24,803
Finance	**59,129**	**4,293,852**	**570,502**	**55,166**	**75,434**	**6,535,974**	**2,256,843**
National banks	2,085	268,097	24,528	2,411	4,554	647,946	133,702
State and private banks, savings banks, loan and trust companies	6,657	516,848	59,851	5,975	7,660	979,387	204,077
Joint-stock land banks	4	1,274	218		27	4,153	8,884
Stock and bond brokers, investment brokers, investment bankers, and investment trusts	871	389,880	26,552	1,949	2,922	1,671,907	594,221
Real estate and realty holding companies—realty development, holding or leasing; realty trust, etc.	35,590	934,901	176,345	14,147	45,506	1,063,610	502,940
Insurance companies	1,114	1,520,263	146,353	17,246	1,163	1,269,897	230,429
Life insurance—mutual or stock	339	755,797	86,664	10,348	253	165,636	29,494
Other insurance	775	764,466	59,688	6,897	910	1,104,261	200,934

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

No. 191.—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				
1924	236,389	7,586,652	881,550	181,032	2,223,926	4,530	64,230	6,733	5,228	62,498
1925	252,334	9,583,084	1,170,331	177,738	1,962,628	4,662	76,862	8,604	5,242	59,215
1926	258,134	9,673,403	1,229,797	197,186	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	9,053	4,460	61,894
1928	[illegible]	10,617,741	1,184,142	174,828	2,391,124	4,504	80,476	8,217	4,679	50,092
1929	[illegible]	11,653,886	1,193,436	186,591	2,914,128	4,407	72,301	6,783	5,023	53,543
1930	[illegible]	6,428,813	711,704	241,016	4,877,595	3,475	40,484	4,041	6,431	86,370
1931	[illegible]	3,683,368	398,994	283,806	6,970,913	2,546	14,002	1,201	7,354	98,778
	Mining and quarrying					Manufacturing—Total[2]				
1924	4,893	240,142	28,389	13,560	307,091	51,342	3,595,675	429,653	35,461	832,203
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	584,507	38,150	786,687
1927	5,232	276,309	34,898	7,804	246,924	53,620	3,938,647	507,735	36,196	851,053
1928	5,183	332,679	36,751	7,750	207,416	55,007	4,744,261	544,936	36,566	833,735
1929	5,211	430,527	44,319	7,291	198,440	55,488	5,216,016	544,053	36,742	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	2,287,589
	Manufacturing—Continued									
	Food products, including beverages					Tobacco products				
1924	8,841	443,370	51,822	5,083	91,897	239	93,483	11,554	279	3,819
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	461,046	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	56,309	5,380	87,721	243	132,682	14,554	177	4,942
1930	7,897	436,451	49,869	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
	Textiles and their products					Leather and its manufactures				
1924	6,836	316,928	37,651	5,393	188,104	1,341	70,319	8,037	1,087	31,876
1925	7,504	413,115	48,814	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	8,893	1,015	28,038
1929	8,104	323,974	33,197	6,236	163,069	1,349	76,803	8,109	1,084	36,368
1930	5,678	105,610	11,123	8,753	369,690	894	38,691	4,389	1,515	64,124
1931	4,875	77,830	7,351	9,503	342,537	754	30,091	3,340	1,487	64,737
	Rubber products					Forest products				
1924	325	56,900	5,662	313	15,345	4,750	178,869	21,090	2,913	57,754
1925	349	122,966	15,412	289	13,942	4,657	200,316	24,667	2,976	53,116
1926	339	37,501	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	44,645	5,149	331	45,987	4,290	142,197	15,210	3,367	71,493
1929	311	56,324	6,055	303	39,191	4,195	135,612	13,437	3,294	68,499
1930	227	12,242	1,336	354	63,876	2,340	35,824	3,591	4,868	152,460
1931	174	14,004	1,371	361	38,154	1,525	14,966	1,379	5,150	199,138
	Paper, pulp, and products					Printing, publishing, and allied industries				
1924	1,204	92,674	10,675	682	18,361	6,278	175,972	20,802	3,340	28,455
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	25,857	3,614	31,006
1927	1,386	123,988	16,064	642	13,614	6,734	198,476	25,123	3,629	34,788
1928	1,345	118,589	13,768	678	14,959	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	6,098	176,136	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

[1] Includes inactive concerns prior to 1927; for number of inactive concerns in 1927 to 1931 see Table 188.
[2] Includes all other manufacturing not shown separately.
[3] Food products include tobacco.

No. 191.—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				
1924	3,640	466,184	56,650	2,961	76,309	2,735	162,403	19,152	1,621	17,944
1925	3,951	623,278	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	69,789	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	41,083	4,614	3,076	79,171
	Manufacturing—Continued					Construction				
	Metal and its products									
1924	11,227	1,340,597	162,979	8,943	244,779	8,701	132,704	13,912	4,475	42,011
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	162,569	19,146	6,695	53,621
1927	11,412	1,501,274	198,066	8,227	241,305	10,071	171,160	20,078	6,281	59,417
1928	12,252	1,910,003	221,838	7,479	254,975	10,179	170,906	17,175	7,117	71,369
1929	12,864	2,201,767	236,494	7,202	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	80,699	7,625	11,675	111,948
	Transportation and other public utilities					Trade				
1924	14,565	1,232,012	148,278	7,866	137,753	68,112	1,198,586	120,649	37,211	296,517
1925	14,862	1,468,693	186,314	8,751	134,744	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	140,522	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	211,682	7,422	173,170	79,745	1,246,862	126,332	46,602	355,514
1929	13,614	2,092,654	222,483	7,904	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	738,605
1931	10,933	902,635	105,585	10,622	605,249	46,049	460,035	45,708	83,799	1,025,431
	Public service					Finance—Banking, insurance, etc.				
1924	15,495	202,165	22,131	10,825	66,650	67,089	995,124	100,444	37,672	460,597
1925	16,571	246,426	28,467	12,410	72,226	73,246	1,523,823	179,948	42,701	456,219
1926	17,755	260,981	31,040	14,502	103,772	76,819	1,336,893	160,215	53,614	528,032
1927	18,287	244,464	28,626	12,869	117,065	78,100	1,522,834	181,706	44,582	566,177
1928	19,008	254,186	25,502	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	80,260	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	1,566,677
1931	15,637	117,925	11,081	22,588	241,288	59,129	570,502	55,166	75,434	2,256,843

No. 192.—FEDERAL ESTATE TAX RETURNS: Summary

[All money figures in thousands of dollars]

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
1916–1922 [1]	42,230	2,896	8,785,642	107,597	5,407,674	101,849	351,138	5,378
1922 [2]	12,563	1,313	2,955,959	58,113	1,652,832	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	2,268,323	45,653	43,303	1,085
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

[1] Sept. 9, 1916, to Jan. 15, 1922. [2] Jan. 15 to Dec. 31, 1922.

Source of tables 191 and 192: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 193.—FEDERAL ESTATE TAX RETURNS: RETURNS OF RESIDENT DECEDENTS DISTRIBUTED BY SIZE OF NET ESTATE

[All money figures, except average amount of tax per return, in thousands of dollars]

	Grand total					
	1927	1928	1929	1930	1931	1932
Number of returns	9,353	8,079	8,582	8,798	8,333	7,113
Gross estate, total	3,146,290	3,503,239	3,843,514	4,108,517	4,042,381	2,795,818
Real estate	573,454	610,653	570,068	563,855	542,842	433,374
Bonds exempt or partially exempt	233,887	247,411	240,336	301,578	356,549	287,305
Other bonds	230,897	239,440	263,142	281,783	256,331	194,343
Capital stock in corporations	1,223,992	1,516,971	1,860,796	1,959,855	1,909,492	1,066,766
Mortgages, notes, cash, etc	357,271	385,278	381,106	396,016	388,700	341,121
Insurance (gross)	88,040	103,218	124,740	128,584	133,756	135,339
All other	437,830	400,267	403,326	476,846	454,708	337,571
Deductions, total	1,490,036	1,661,225	1,641,316	1,799,570	1,799,097	1,521,810
Specific exemption (Revenue Acts 1926 and 1932)	798,910	784,350	846,750	876,050	830,150	696,850
Net estate passing to charitable, etc., bequests	130,975	216,099	153,678	223,490	219,940	190,916
Property from an estate taxed within 5 years	73,482	71,857	85,128	94,101	110,449	83,525
Funeral and administrative expenses, debts, mortgages, etc	440,175	537,121	501,537	551,725	586,223	503,954
Insurance exemption	46,494	51,798	54,223	54,204	52,335	46,565
Net taxable estate [1]	1,735,840	1,943,429	2,268,323	2,376,973	2,327,319	1,391,569
Total tax	100,532	135,014	165,413	152,391	182,202	84,006
Tax credit [2]	59,601	94,453	122,110	113,388	137,663	61,642
Net tax	40,931	40,561	43,303	39,003	44,540	22,364
Average tax per return	$4,376	$5,021	$5,046	$4,433	$5,345	$3,144
Average rate of tax on net taxable estate (percent)	2.36	2.09	1.91	1.64	1.91	1.61

	1932: No net taxable estate	1932: Net estate of—					
		Under $50,000	$50,000–$200,000	$200,000–$600,000	$600,000–$1,000,000	$1,000,000–$5,000,000	$5,000,000 and over
Number of returns	2,009	1,869	1,792	968	233	215	27
Gross estate, total	348,723	293,454	481,165	553,935	253,019	551,067	314,455
Real estate	90,773	62,431	87,304	76,810	26,820	56,909	32,327
Bonds exempt or partially exempt	8,607	13,124	25,186	58,122	27,277	82,379	72,611
Other bonds	16,666	24,242	42,123	46,332	20,001	27,485	17,496
Capital stock in corporations	96,045	87,127	164,669	209,759	119,930	256,439	132,797
Mortgages, notes, cash, etc	38,695	56,471	74,538	76,416	25,824	43,888	25,289
Insurance (gross)	34,803	18,019	34,648	25,072	8,018	12,290	2,489
All other	63,133	32,040	52,696	61,426	25,149	71,679	31,447
Deductions, total	486,283	252,533	287,412	228,476	74,600	146,126	66,381
Specific exemption (Revenue Acts 1926 and 1932)	197,350	179,400	176,900	96,000	23,100	21,400	2,700
Net estate passing to charitable, etc., bequests	44,475	15,377	16,882	46,705	16,320	30,763	20,396
Property from an estate taxed within 5 years	29,562	6,399	11,216	9,012	3,203	23,864	269
Funeral and administrative expenses, debts, mortgages, etc	181,269	42,978	70,452	68,704	29,562	68,154	42,836
Insurance exemption	13,629	8,378	11,961	8,056	2,415	1,948	179
Net taxable estate		40,921	193,753	325,459	178,418	404,941	248,076
Total tax		431	3,481	10,015	7,884	28,424	33,771
Tax credit [2]		282	2,499	7,513	5,859	20,887	24,604
Net tax		149	983	2,502	2,024	7,538	9,169
Average tax per return		$80	$549	$2,585	$8,687	$35,060	$339,593
Average rate of tax on net taxable estate (percent)		.36	.51	.77	1.13	1.86	3.70

[1] In arriving at grand total net taxable estate the grand total deductions are diminished by the deductions in excess of gross estate shown for 1932 in column "No net taxable estate."

[2] Credit for estate, inheritance, legacy, or succession taxes paid to any of the several States, Territories, or District of Columbia. Credit limited to 25 percent of the total Federal estate tax for estates of individuals who died from June 2, 1924, to Feb. 26, 1926, and to 80 percent thereafter.

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

No. 194.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1934

[All figures except per capita in thousands of dollars]

June 30—	Gross debt [1]		Interest bearing [2]	Matured	Non-interest bearing [1]
	Amount	Per capita			
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
1871	2,322,052	58.70	1,920,697	1,949	399,406
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	2,090,909	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	1,007,692	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	1,637	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	1,188,235	12.00	967,953	1,553	218,730
1915	1,191,264	11.83	969,759	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	17,604,201	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 [3]	27,053,141	213.75	26,480,488	54,267	518,387

Date	Gross debt [1]	Interest-bearing debt					Matured debt on which interest has ceased	Debt bearing no interest [1]
		Pre-war loans unmatured	Liberty and Treasury bonds	Notes (Victory Liberty loan and Treasury) [4]	Certificates of indebtedness	Treasury bills, maturity value [5]		
Apr. 5, 1917	1,281,069	1,023,557	----------	----------	----------	--------	1,459	256,052
June 30, 1918	12,243,629	966,166	8,963,714	----------	1,706,205	349,797	20,243	237,504
Aug. 31, 1919 [6]	26,594,268	853,463	16,219,399	4,113,405	4,201,209	931,302	9,914	235,576
June 30, 1920	24,297,918	853,549	15,334,836	4,246,365	2,768,026	827,419	6,748	230,075
June 30, 1921	23,976,251	853,728	15,235,216	4,224,972	2,699,330	694,105	10,940	227,959
June 30, 1922	22,964,079	853,840	15,081,613	4,237,780	1,828,787	679,015	25,251	227,793
June 30, 1923	22,349,688	853,670	15,051,108	4,104,195	1,031,418	337,199	98,172	243,925
June 30, 1924	21,251,120	853,704	15,141,756	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
Dec. 31, 1932	20,805,108	796,773	13,426,197	3,298,776	2,284,458	641,934	64,360	292,610
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	23,814,523	821,954	14,747,167	5,124,810	1,753,601	1,002,730	64,389	299,877
June 30, 1934 [3]	27,053,141	831,350	15,678,507	6,931,551	1,635,045	1,404,035	54,267	518,387

[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] Maximum figure.

Source: Annual reports of the Secretary of the Treasury.

No. 195.—PUBLIC DEBT OF THE UNITED STATES: DEBT OUTSTANDING BY SPECIFIC LOANS, JUNE 30, 1933

[Amounts in thousands of dollars]

Security	Callable period or payable date	Rate of interest	Amount issued	Amount retired	Amount outstanding
		Percent			
Interest-bearing debt outstanding, total					22,157,643
Bonds:					
Consols of 1930	After July 1, 1933	2	646,250	46,526	599,724
Panama Canal loan of 1916–1936	July 1, 1933–Aug. 1, 1936.	2	54,632	5,678	48,954
Panama Canal loan of 1918–1938	July 1, 1933–Nov. 1, 1938.	2	30,000	4,053	25,947
Panama Canal loan of 1961	June 1, 1961	3	50,000	200	49,800
Conversion bonds of 1946–1947	Jan. 1, 1946–1947	3	28,895		28,895
Postal saving bonds series, 5 to 44 [1]	July 1, 1933–July. 1, 1953.	2½	52,697		52,697
First Liberty loan [2]—					
First 3½'s	July 1, 1933–June 15, 1947.	3½	1,989,456	597,228	1,392,227
Converted 4's	do	4	568,318	563,316	5,002
Converted 4¼'s	do	4¼	555,212	22,722	532,490
	do	4¼	3,492		3,492
	Oct. 15, 1933–1938	4¼	6,964,581	696,486	6,268,095
	Oct. 15, 1947–1952	4¼	763,962	4,979	758,983
4 per cent of 1944–1954	Dec. 15, 1944–1954	4	1,047,089	10,254	1,036,836
3¾ per cent of 1946–1956	Mar. 15, 1946–1956	3¾	494,898	5,811	489,087
3⅜ per cent of 1943–1947	June 15, 1943–1947	3⅜	494,855	40,720	454,135
3⅜ per cent of 1940–1943	June 15, 1940–1943	3⅜	359,043	6,049	352,994
3⅜ per cent of 1941–1943	Mar. 15, 1941–1943	3⅜	594,230	49,314	544,916
3⅛ per cent of 1946–1949	June 15, 1946–1949	3⅛	821,406	1,908	819,498
3 per cent of 1951–1955	Sept. 15, 1951–1955	3	800,424	40,929	759,495
Treasury notes:					
Series A–1934	May 2, 1934	3	244,235		244,235
Series B–1934	Aug. 1, 1934	2⅛	345,293		345,293
Series A–1935	June 15, 1935	3	416,603		416,603
Series A–1936	Aug. 1, 1936	3¼	365,138		365,138
Series B–1936	Dec. 15, 1936	2¾	360,533		360,533
Series C–1936	Apr. 15, 1936	2⅞	572,419		572,419
Series A–1937	Sept. 15, 1937	3¼	834,402		834,402
Series B–1937	Apr. 15, 1937	3	508,329		508,329
Series A–1938	Feb. 1, 1938	2⅝	277,517		277,517
Series B–1938	June 15, 1938	2⅝	623,912		623,912
Civil-service retirement fund [3]—					
Series 1934	June 30, 1934 [4]	4	35,800		35,800
Series 1935	June 30, 1935 [4]	4	32,400		32,400
Series 1936	June 30, 1936 [4]	4	64,200		64,200
Series 1937	June 30, 1937 [4]	4	44,000		44,000
Series 1938	June 30, 1938 [4]	4	50,400		50,400
Foreign Service retirement fund [3]—					
Series 1934	June 30, 1934 [4]	4	454		454
Series 1935	June 30, 1935 [4]	4	509		509
Series 1936	June 30, 1936 [4]	4	440		440
Series 1937	June 30, 1937 [4]	4	654		654
Series 1938	June 30, 1938 [4]	4	62		62
Canal Zone retirement fund [3]—					
Series 1936	June 30, 1936 [4]	4	2,004	10	1,994
Series 1937	June 30, 1937 [4]	4	179		179
Series 1938	June 30, 1938 [4]	4	84		84
Certificates of indebtedness:					
Tax—					
Series TAG–1933	Aug. 15, 1933	4	469,089		469,089
Series TS–1933	Sept. 15, 1933	1¼	451,447		451,447
Series TD–1933	Dec. 15, 1933	¾	254,365		254,365
Series TD2–1933	do	4¼	473,328		473,328
Series TM–1934	Mar. 15, 1934	¾	460,099		460,099
Special—adjusted-service certificate fund, series 1934. [5]	July 1, 1933–Jan. 1, 1934.	4	129,900	37,900	92,000
Treasury bills (maturity value): [6]					
1933	July 5, 1933	1.351	100,096		100,096
1933	July 12, 1933	.766	75,733		75,733
1933	July 19, 1933	.490	75,188		75,188
1933	July 26, 1933	.514	80,295		80,295
Series maturing Aug. 2, 1933	Aug. 2, 1933	.488	60,655		60,655
Series maturing Aug. 9, 1933	Aug. 9, 1933	.481	75,067		75,067
Series maturing Aug. 16, 1933	Aug. 16, 1933	.448	75,442		75,442
Series maturing Aug. 23, 1933	Aug. 23, 1933	.422	60,078		60,078
Series maturing Aug. 30, 1933	Aug. 30, 1933	.321	100,352		100,352
1933	Sept. 6, 1933	.271	75,529		75,529
1933	Sept. 20, 1933	.243	100,361		100,361
1933	Sept. 27, 1933	.273	75,697		75,697

For footnotes see p. 196.

No. 195.—Public Debt of the United States: Debt Outstanding by Specific Loans, June 30, 1933—Continued

[Amounts in thousands of dollars]

Security	Callable period or payable date	Amount outstanding
Matured debt on which interest has ceased	On presentation	65, 911
Noninterest-bearing debt, total	do	471, 157
Old demand notes	do	53
Fractional currency	do	[7] 1, 986
Legal-tender notes	do	346, 681
National and Federal reserve bank notes—redemption account [8]	do	119, 103
Thrift and Treasury savings stamps	do	3, 334
Total debt		22, 694, 711
Less gold reserve		156, 039
Gross debt as shown on statement of public debt June 30, 1933		22, 538, 672

[1] Callable and payable dates of all issues of postal-savings bonds fall within the period indicated.
[2] Issues and retirements include conversion transactions.
[3] Funds acquired during the [illegible] to 5 years. These issues in varying amounts will [illegible]
[4] Payable date (see note 3).
[5] Funds are invested in short-term securities which are redeemed from time to time to meet current obligations. These transactions will occur until adjusted-service certificates mature about 1945.
[6] Treasury bills are sold on a discount basis on competitive bidding. The average sales price gives an approximate yield on a bank discount basis.
[7] After deducting amounts officially estimated to have been lost or irrevocably destroyed.
[8] Balance of deposits by national banks and Federal Reserve banks to redeem their circulating notes.

No. 196.—PUBLIC DEBT OF THE UNITED STATES: Transactions During the Years Ended June 30, 1928 to 1933

[All figures in thousands of dollars]

	1928	1929	1930	1931	1932	1933
Gross debt outstanding at beginning of year	18, 510, 174	17, 604, 291	16, 931, 198	16, 185, 308	16, 801, 485	19, 487, 010
Interest-bearing debt	18, 250, 944	17, 317, 695	16, 638, 941	15, 921, 892	16, 519, 589	19, 161, 274
Matured debt on which interest has ceased	14, 707	45, 332	50, 751	31, 715	51, 823	60, 087
Debt bearing no interest (less gold reserve)	244, 523	241, 264	241, 505	231, 701	230, 074	265, 650
Public debt issues	6, 855, 341	5, 194, 342	3, 722, 970	6, 573, 118	9, 634, 226	9, 697, 083
Pre-war issues	1, 583	2, 075	2, 338	3, 610	13, 872	18, 380
Certificates of indebtedness	5, 419, 284	4, 037, 488	3, 201, 562	3, 759, 219	5, 100, 607	2, 560, 228
Treasury bills			312, 024	1, 059, 761	2, 335, 649	3, 061, 895
Treasury notes	1, 365, 247	161, 077	178, 986	309, 525	1, 310, 607	3, 962, 694
Treasury bonds	27, 053	359, 043		1, 415, 036	800, 424	
Treasury (war) savings securities	17, 052	10, 015	550	3		2
National and Federal Reserve bank notes, deposits for retirement	25, 122	24, 644	27, 510	25, 364	73, 067	93, 884
Public debt redemptions	7, 761, 224	5, 867, 435	4, 468, 860	5, 956, 941	6, 948, 701	6, 645, 420
Pre-war issues	88	109	202	72	508	2, 016
[illegible]	4, 867, 363	4, 240, 027	3, 578, 968	3, 107, 279	4, 172, 352	3, 181, 689
[illegible]			156, 046	771, 149	2, 150, 724	2, 719, 362
[illegible]	4	5	5, 597	24	314	2
[illegible]	1, 273, 632	23, 143	4, 093	1, 518	913	654
Third Liberty loan	918, 816	1, 208, 395	10, 788	3, 151	1, 447	1, 096
Fourth Liberty loan	2, 863	15, 684	10, 108	33	118	5
Victory Liberty loan	959	497	200	179	138	152
Treasury notes	490, 215	201, 477	649, 919	2, 045, 999	490, 070	653, 015
Treasury bonds	150	12, 695		1	94, 270	42, 834
Treasury (war) savings securities	178, 827	141, 055	15, 572	588	392	210
National [illegible] serve bank [illegible]	27, 687	24, 346	37, 276	26, 946	37, 454	44, 383
Miscellaneous [illegible] ing debt	619	1	1	1	1	2
Gross debt outstanding at close of year	17, 604, 291	16, 931, 198	16, 185, 308	16, 801, 485	19, 487, 010	22, 538, 672
Interest-bearing debt	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 (less gold reserve)	241, 264	241, 505	231, 701	230, 074	265, 650	315, 118

Source of Tables 195 and 196: Treasury Department.

No. 197.—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
	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	35	965	----	4,716	3,717	34	965	----	----
1913	5,726	4,724	35	967	----	5,048	4,047	34	967	----	----
1914	6,196	5,190	37	969	----	5,455	4,450	36	969	----	----
1915	6,089	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	4,055
1918	9,302	6,796	46	2,307	153	8,207	5,763	45	2,307	92	18,515
1919	11,086	7,455	48	3,235	348	9,828	6,336	47	3,235	210	22,360
1920	11,530	8,043	57	3,038	392	10,142	6,838	56	3,038	210	20,707
1921	12,496	9,155	76	2,749	516	11,017	7,863	72	2,749	333	20,440
1922	13,383	10,121	119	2,294	849	11,886	8,741	115	2,294	736	20,189
1923	14,455	10,844	125	2,294	1,192	12,850	9,348	118	2,294	1,090	19,350
1924	15,834	12,009	131	2,294	1,400	14,101	10,390	119	2,294	1,298	18,418
1925	17,144	13,275	144	2,168	1,557	15,288	11,513	129	2,168	1,478	17,727
1926	18,142	14,089	156	2,164	1,733	16,215	12,180	142	2,164	1,729	16,454
1927	19,281	15,174	160	2,165	1,773	17,221	13,132	151	2,165	1,773	15,182
1928	20,281	16,142	164	2,167	1,808	18,091	13,970	146	2,167	1,808	14,343
1929	22,510	17,368	167	3,165	1,810	20,180	15,050	155	3,165	1,810	13,137
1930	24,056	18,574	166	3,485	1,831	21,571	16,099	156	3,485	1,831	11,508
1931	26,458	19,494	164	5,011	1,789	24,700	17,747	153	5,011	1,789	12,125
1932	29,910	20,041	161	8,063	1,645	28,072	18,219	145	8,063	1,645	12,034
1933	31,047	19,429	156	9,725	1,737	29,228	17,634	132	9,725	1,737	13,355

[illegible] ld in sinking fund or owned by U. S. Government.

[illegible] for 1912, 1922, and 1931 from compilations of the Bureau of the Census; estimates [illegible] erv[illegible]ning years built up by addition of net issue statistics published in the State [illegible] of the Commercial and Financial Chronicle adjusted to agree with census sta- [illegible] t-term debt for intercensal years are based on incomplete data and probably possess a considerable margin of error.

[3] Includes short-term debt in the form of Treasury bills, certificates of indebtedness, and Treasury notes.

[4] Does not include stocks.

Source: Annual Report of the Secretary of the Treasury for 1934.

No. 198.—OBLIGATIONS OF FOREIGN GOVERNMENTS TO UNITED STATES: Amounts of Indebtedness and Payments on Account

[All figures in thousands of dollars. Indebtedness includes accrued interest]

Country	Total indebtedness Dec. 31		Payments to Dec. 31, 1933			Payments during year ended Dec. 31, 1933		
	1932 [1]	1933 [1]	Total	Principal	Interest	Total	Principal	Interest
Total	11,786,464	11,986,238	2,746,602	757,263	1,989,339	[2] 20,338	394	19,943
Armenia	19,715	20,313	----	----	----	----	----	----
Austria	23,752	23,752	863	863	----	----	----	----
Belgium	406,555	411,167	52,191	19,158	33,034	----	----	----
Cuba	----	----	12,287	10,000	2,287	----	----	----
Czechoslovakia	165,571	165,283	20,134	19,830	304	330	330	----
Estonia	17,204	17,785	1,248	----	1,248	----	----	----
Finland	8,803	8,727	3,519	519	3,001	378	65	314
France	3,921,548	3,960,772	486,076	226,040	260,036	----	----	----
Great Britain	4,499,520	4,636,157	2,024,849	434,182	1,590,667	17,501	----	17,501
Greece	32,183	32,574	3,157	984	2,173	67	----	67
Hungary	1,994	2,052	468	74	394	----	----	----
Italy	2,007,406	2,008,103	100,330	37,464	63,366	2,000	----	2,000
Latvia	7,085	7,313	762	9	752	16	----	16
Liberia	----	----	36	26	10	----	----	----
[illegible]	6,384	6,555	1,238	235	1,003	17	----	17
[illegible]	394	417	169	142	27	----	----	----
[illegible]land	215,290	222,560	22,646	1,287	21,359	----	----	----
Rumania	63,861	63,861	4,791	4,499	292	29	----	29
Russia	327,593	337,223	[3] 8,749	----	8,749	----	----	----
Yugoslavia [4]	61,625	61,625	2,589	1,953	636	----	----	----

[1] Includes amounts postponed and payable under the moratorium.

[2] Includes receipts of 22,734,824 ounces of silver accepted at value of $11,367,412.

[3] [illegible] Russian Government in this country.

[4] [illegible] paid $250,000 due during the fiscal year 1932.

S[illegible]

No. 199.—SUMMARY OF SECURITIES OWNED BY THE UNITED STATES GOVERNMENT, AS OF JUNE 30, 1931 TO 1933

NOTE.—This statement is made up on the basis o[illegible] United States, with due allowance for repayments. It [illegible] holds as collateral, or as the result of the investment of trust funds; as, for example, securities held for the account of the Alien Property Custodian, the Government life insurance fund, and other similar trust funds

[All figures in thousands of dollars]

Class of security	1931	1932	1933
Grand total	**12, 333, 718**	**13, 441, 592**	**14, 77 6, 525**
Foreign obligations	11, 746, 109	11, 777, 317	11, 747, 249
Received under debt settlements	11, 062, 898	11, 094, 106	11, 064, 038
All other [1]	683, 211	683, 211	683, 210
Capital stock of war emergency corporations [2]	46, 673	49, 514	56, 335
Emergency Fleet Corporation	19, 778	22, 935	29, 890
U. S. Housing Corporation	26, 795	26, 479	26, 345
U. S. Spruce Corporation	100	100	100
Reconstruction Finance Corporation [3]		767, 735	2, 057, 959
Railroad obligations	39, 942	38, 926	38, 482
Capital stock of Panama R.R.	7, 000	7, 000	7, 000
Capital stock of Inland Waterways Corporation	12, 000	12, 000	12, 000
Capital stock of Federal land banks	238	125, 176	124, 872
Capital stock of Federal home loan banks			42, 970
Capital stock of Home Owners' Loan Corporation			1, 000
Capital stock of Federal intermediate credit banks	30, 000	32, 000	60, 000
Securities received by War and Navy Departments on account of sales of surplus war supplies and property	5, 817	5, 766	5, 752
Securities received by U. S. Shipping Board on account of sales of ships, etc	100, 484	138, 851	157, 454
Notes received by Federal Farm Board on account of advances from revolving fund created by the Agricultural Marketing Act	345, 454	487, 307	465, 452

[1] Figures do not include interest accrued and unpaid.

[illegible] balance after offsetting [illegible]e by the corporations with the Treasury [illegible]pital stock. Capital sto[illegible]he War Finance Corporation, which is in liquidation, was more than offset by deposits [illegible]

No. 200.—MONEY COST OF WORLD WAR TO UNITED STATES GOVERNMENT TO JUNE 30, 1933

NOTE.—Data, which are partly estimated, [illegible] during the war period taken as extending from Apr. 6, 1917, to June 30, 1921, and [illegible]enses of the Veterans' Bureau and interest on war debt. They make allowance fo[illegible] expenditures under the War and Navy Departments, receipts on account of the s[illegible] Government property, and assets held on June 30, 1921, except foreign [illegible] Germany account of army of occupation, which are taken as of June 30, 1933

[All figures in thousands of dollars]

	Total war costs	Receipts	Assets June 30, 1921 (partly estimated)	Net war costs
Total	**55, 318, 158**	**4, 785, 432**	**9, 949, 664**	**40, 583, 062**
Military activities	16, 283, 569	981, 574	452, 402	14, 849, 594
Naval activities	3, 480, 782	24, 439	55, 000	3, 401, 343
War emergency corporations [1]	4, 387, 600	487, 729	874, 598	3, 025, 273
War expenditures under other departments and war agencies [2]	3, 524, 811	597, 787	67, 664	2, 859, 360
Interest on war debt to June 30, 1933	11, 779, 641			11, 779, 641
[illegible] 933)	[3] 9, 609, 886	2, 693, 903	[4] 8, 500, 000	[5] 1, 584, 017
[illegible]ost to June 30, 1933) [6]	6, 163, 731			6, 163, 731
[illegible] 1928	88, 137			88, 137

[1] Includes data for War Finance Corporation revised to June 30, 1929, and of United States Shipping [illegible]ne 30, 1930.

[illegible]eral control of transportation systems.

[illegible]es under Liberty bond acts.

[illegible]per annum, payable semiannually (approximately the [illegible]long term public debt), of payments to be received on [illegible]

[5] Credit, deduct [illegible]

[illegible] by the War Risk Bureau are included with "War expenditures under other [illegible]"

Source of Tables 199 and 200: Annual Report of the Secretary of the Treasury.

10. STATE AND LOCAL GOVERNMENT FINANCES

No. 201.—REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS AND DEBT: ALL CLASSES OF GOVERNMENT ORGANIZATIONS IN THE UNITED STATES

	Amount (thousand of dollars)				Per capita (dollars)			
	1902	1912	1922	1932	1902	1912	1922	1932
Revenue receipts, total [1]		2,789,931		11,477,250		28.74		92.18
National		[2] 953,597		[2] 2,625,333		[2] 9.82		[2] 20.97
States		367,585		2,207,935		3.80		17.83
Counties		370,043		1,313,832		4.32		11.99
Cities, towns, villages, and boroughs with a population of 2,500 or over		1,098,706		3,221,895		24.33		45.99
All other civil divisions [3]				2,108,255				(4)
Governmental-cost payments, total [1]		2,957,382		13,469,171		30.46		108.18
National		[2] 952,601		[2] 3,906,556		[2] 9.81		[2] 31.20
States		382,551		2,505,835		3.95		20.24
[illegible]		385,182		1,411,826		4.49		12.88
[illegible] of 2,500 or over		1,237,058		3,449,561		27.40		49.24
All other civil divisions [3]				2,195,393				(4)
Debt, gross less sinking fund assets	2,838,896	4,350,460	30,845,626	39,424,080	35.93	49.97	283.70	316.63
National [5]	969,457	1,028,564	22,155,886	21,834,565	12.22	10.59	203.78	174.40
States	239,369	345,942	935,544	2,373,634	3.03	3.57	8.64	19.17
Counties	196,565	371,600	1,273,276	2,390,830	2.80	4.33	13.19	21.82
Cities, towns, villages, and boroughs	1,346,843	2,871,622	4,679,352	8,842,189	(4)	54.29	71.26	111.45
All other civil divisions	86,662	232,732	1,801,568	3,982,862	(4)	(4)	(4)	(4)

[1] Data for 1902 and 1922 r [illegible]
[3] Including cities, towns, [illegible]
[4] Not computed. [5] G [illegible]

No. 202.—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	143,959	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	33,303	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	37,292	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	188,596
Outlays	885,854	311,270	817,425	347,146

[1] Not computed. [2] Not available.

Source of Tables 201 and 202: Bureau of the Census, Department of Commerce.

No. 203.—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	6,643,982	$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	66.83	439,536	17,149	2.57
3	Maine	33,968	42.49	25,146	24,011	36,944	46.18	29,375	1,961	2.45
4	New Hampshire	26,614	56.87	21,410	19,275	24,870	53.14	21,012	1,805	3.86
5	Vermont	14,146	39.29	10,084	9,995	14,265	39.63	12,207	73	.20
6	Massachusetts	309,999	72.26	252,171	212,413	339,095	79.04	265,827	11,395	3.35
7	Rhode Island	32,959	47.35	26,551	26,250	38,717	55.63	29,039	----------	----------
8	Connecticut	90,751	55.68	76,367	72,101	97,485	59.81	82,046	1,915	1.17
9	Middle Atlantic	1,928,176	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	335,268	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	301,392	273,928	416,417	61.81	324,548	90,609	13.45
15	Indiana	163,137	49.89	127,632	125,802	158,878	48.59	131,780	32,830	10.04
16	Illinois	469,902	60.66	333,420	314,759	484,550	62.55	365,692	46,330	5.98
17	Michigan	341,703	68.86	214,006	208,201	328,808	66.27	279,417	82,046	16.53
18	Wisconsin	191,441	64.46	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	667,936	49.95	538,504	185,388	14.78
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	43,682	40,707	64,363	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	31.29	348,826	316,328	502,462	31.45	432,696	167,978	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	52,762	47,931	83,186	50.42	63,577	18,673	22.42
30	Dist. of Columbia	45,284	92.04	20,929	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	34,947	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	196,927	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	51,609	19.28	28,726	24,426	53,626	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	366,932	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	79,080	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	190,608	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	18.16
48	Montana	20,193	54.30	22,942	21,477	28,210	52.47	26,208	11,202	20.95
49	Idaho	26,882	60.27	18,198	16,593	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	62,893	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	18,769	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	706,701	83.52	562,534	179,152	22.95
57	Washington	103,964	65.63	55,445	54,519	113,451	71.62	86,996	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	452,980	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	8,605	4
66	66	112	.31	77	4,969	31.08	3,275	3,249	4,938	30.89	4,159	5
9,475	9,100	11,655	3.43	7,992	297,912	69.28	242,393	203,010	326,330	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	1,423,383	66.58	1,104,775	9
72,309	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	670,966	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	73,877	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	6,060	21.65	5,047	24
11,991	9,452	17,695	12.77	14,603	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	13,659	13,048	25,935	25.12	20,060	26
129,125	115,231	166,723	11.95	149,429	247,441	35.40	155,827	137,512	263,718	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	45,859	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	24,569	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	27,061	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	5,060	8,377	16.29	7,837	34
16,168	13,723	16,829	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
10,803	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	32.53	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	92,958	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	26,445	24,635	52,491	26.74	40,897	47
10,154	8,820	10,905	20.28	10,016	5,569	22.06	2,863	2,735	4,998	19.80	4,537	48
7,225	6,186	7,756	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	20.31	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	5,599	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	294,218	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	33,569	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. 204.—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	2,207,935	$17.88	1,641,850	323,477	143,959	47,852	979,385	2,505,835	$20.24	1,619,981	885,854
New England	169,886	20.64	131,463	19,382	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	29,824	1,842	4,097	------	19,855	41,401	25.40	23,321	18,080
Middle Atlantic	519,828	19.50	415,325	37,821	75,072	19,473	201,694	647,457	24.28	460,315	187,142
New York	257,569	20.10	206,894	2,230	45,802	19,473	102,574	362,210	28.27	261,516	100,694
New Jersey	92,418	22.37	75,792	35,661	10,337	------	25,612	119,556	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	31,270	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	102,203	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	164,396	45,843	5,898	3,635	108,122	282,882	21.16	157,481	125,401
Minnesota	60,578	23.46	40,936	9,921	1,594	------	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	56	------	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	28,722	6,173	13,659	125,096	273,698	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	------	14,890	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	7,154	23,046	47,008	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	120,126	12.05	86,848	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	143,052	42,852	1,760	687	92,836	272,644	22.17	146,537	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	1,569	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	46.00	4,014	1,694	66	------	2,216	10,873	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	4,688	49.87	2,517	2,071
Pacific	188,930	22.35	141,085	17,371	11,828	------	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. 205.—REVENUES AND EXPENDITURES OF STATE GOVERNMENTS

N[illegible] net figures, excluding temporary and special transactions which [illegible] receipts do not include any receipts from borrowing of money. [illegible] governmental-cost payments, represent capital investments, [illegible] 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	70,093	.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			
[illegible]	26,427	.22	1.2	24,699	.20	1.1	26,060	.21	1.2
[illegible]	7,918	.06	.4	7,081	.06	.3	5,833	.05	.3
[illegible] pension assessments	150,155	1.23	6.7	242,623	1.97	10.4	281,316	2.27	12.7
[illegible] highway [illegible]	102,216	.84	4.6	95,446	.77	4.1	87,996	.71	4.0
[illegible] 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	8,054	.07	.3
Miscellaneous	54,220	.45	2.4	57,116	.46	2.3	57,794	.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 204). [2] "Other special taxes" includes special property.

No. 206.—REVENUES AND EXPENDITURES OF STATE GOVERNMENTS

NOTE.—All figures in thousands of dollars. See headnote, table 205

Year	Revenue receipts, total	Governmental-cost payments				Outlays for permanent improvements
		Total	Operation, maintenance, and interest			
			Total	Operation and maintenance	Interest	
1915	458,223	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 205 and 206: Bureau of the Census, Department of Commerce.

No. 207.—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	17.06	13.35	3.71	11.62	10.84	.78
1930	18.39	14.59	3.79	12.31	11.48	.83
1931	18.27	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 13 States (see Table 204).

No. 208.—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 lat and franchise valuations of corporations for real from personal are not shown separately, elative wealth of the different States owing to nder

[All figures in millions of dollars]

Division and State	1922, total	1932		
		Total [1]	Real property	Personal property
Grand total	123,441	161,472	124,706	29,897
New England	10,250	13,918	11,621	2,186
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	29,280	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	30,669	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	422
West North Central	18,796	17,292	12,046	4,067
Minnesota	2,354	2,308	1,680	628
Iowa	1,766	1,404	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	992
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	1,604	1,285	114
Alabama	944	1,201	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	6,323	10,294	7,801	2,396
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 207 and 208: Bureau of the Census, Department of Commerce.

No. 209.—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 [illegible] axes applying only to limited classes, nor taxes based on [illegible] volume of business, inheritance, etc., which [illegible] change in buying power of money affects m[illegible] *of the figures. For data for 1860, 1870, and 1890,* by States, see Table 437,

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	11.86	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	4,029	9,188	12,101	5.25	5.52	11.17	26.07	33.61
Massachusetts	24,327	49,219	82,566	156,285	231,212	13.64	17.06	23.27	39.33	53.90
Rhode Island	2,603	6,133	8,192	19,925	28,953	9.74	13.65	14.13	32.12	41.60
Connecticut	5,306	8,021	16,489	47,794	75,610	8.62	8.53	13.95	33.30	49.39
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	49,424	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	869,682	1,220,670	7.00	10.47	15.38	39.27	47.52
Ohio	25,757	47,460	76,697	224,423	302,861	8.05	11.15	15.45	37.63	45.42
Indiana	11,943	27,968	45,644	117,138	138,341	6.04	10.84	16.53	39.26	42.31
Illinois	24,586	53,013	84,834	250,380	391,159	7.99	10.56	14.37	37.60	50.49	
[illegible]	8,628	23,477	47,908	168,797	266,718	5.27	9.48	16.34	43.90	53.75
[illegible]	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	490,829	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	16.45	43.36	40.84
[illegible]	11,832	21,785	35,491	91,445	103,234	5.46	6.32	10.58	26.64	28.27
[illegible]	[1] 478	4,186	11,875	31,167	27,931	3.54	11.44	17.97	47.13	40.84
[illegible]		4,329	10,720	32,483	29,975		10.69	16.67	50.18	42.88
[illegible]	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	22.48
Delaware	604	1,317	1,791	4,841	5,915	4.12	7.00	8.61	21.20	24.65
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	28.26	51.33
[illegible]	4,694	6,896	13,822	33,878	43,386	3.10	3.64	6.49	14.32	17.83
[illegible]	1,994	5,507	10,026	38,435	50,657	3.22	5.52	7.67	25.39	28.85
[illegible]	1,916	3,975	9,989	37,017	47,711	1.37	2.04	4.33	13.98	14.76
[illegible]	1,840	3,736	6,899	20,886	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	15.65
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	125,781	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	7.56	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	1.63	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	16.06
West South Central	10,794	29,985	77,723	222,351	320,028	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	32,965	109,234	175,649	2.87	4.26	7.90	22.60	29.56
Mountain	4,717	24,312	54,327	144,466	160,320	7.22	13.76	18.45	41.23	42.99
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	18,569	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	16,931	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	23.89	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	23.28	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. 210.—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 211 to 213

[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**	**2,499,418**	**94,250**	**302,179**	**16,880,567**	**13,806,373**	**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	89,940		4,094	781,601	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	275,267	212,203	50,543	12,521
Iowa	17,536	15,761		1,775	231,770	216,475	10,611	4,690
Missouri [2]	105,162	104,865		297	255,607	213,332	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**	**168,308**	**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	281,464	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	787,263	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	33,853	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	127,230	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. 211.—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	3,821,897	8,689,740	17,589,515	18.16	23.73	39.37	79.92	141.27
New England	148,524	301,478	390,980	550,709	831,097	31.60	52.52	58.95	72.46	100.81
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	6,981	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	37.62	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	1,548,580	2,616,431	5,842,169	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	57.64	116.50	159.15	271.40
New Jersey	49,258	[1] 81,204	170,169	382,172	1,151,231	34.09				
Pennsylvania	71,180	127,311	245,979	550,439	1,213,705	13.54				
East North Central	185,229	289,960	546,615	1,652,555	3,352,156	12.26	17.61	28.79	74.62	130.51
Ohio	70,927	117,230	239,667	609,443	875,037	19.32	27.55	48.27	112.25	129.89
Indiana	24,472	34,828	67,404	152,792	199,034	11.16	13.49	24.41	51.21	60.87
Illinois	42,468	80,715	139,480	364,019	1,290,544	11.10	16.08	23.62	54.66	166.59
Michigan	16,942	34,839	59,997	361,778	782,305	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	1,215,270	17.52	16.91	23.62	66.83	90.88
Minnesota	26,238	40,684	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	62.11	97.66
Missouri	51,558	50,397	61,622	118,276	334,265	19.24	15.79	18.37	34.46	91.53
North Dakota	3,855	5,608	13,261	40,266	36,211	21.10	15.31	20.07	60.89	52.94
South Dakota	6,614	6,584	12,685	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	35,774	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	1,960,221	18.68	14.79	20.02	51.61	122.70
Delaware	2,919	4,145	6,860	22,451	29,088	17.32	22.04	32.98	98.32	121.20
Maryland	41,292	30,643	59,546	120,954	261,168	39.61	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	545,423	6.87	7.88	14.88	69.03	168.76
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	21,286	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	28,628	111,499	179,362	4.81	5.24	15.25	62.27	88.27
West South Central	61,028	83,002	237,435	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] 4,549	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	23,978	58,786	112,770	372,776	487,047	20.74	32.16	38.29	106.39	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	44.89	101.78	123.81
New Mexico	2,832	4,580	7,662	25,010	36,943	18.44	22.64	20.70	67.86	85.91
Arizona	2,938	6,592	10,389	44,973	71,777	49.28	50.75	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	29.83	27.97	33.60	90.49	108.10
Pacific	21,468	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	43,328	138,094	198,849	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 asse
[2] No State indebtedness reported; the Virginia-West V
[3] Includes $853,000 indebtedness of local governments i

Source: Bureau of the Census, Department of Commerce.

No. 212.—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, 169, 784	2, 373, 634	2. 99	3. 57	8. 64	17. 61	19. 17
New England	74, 961	95, 570	110, 458	120, 955	123, 040	13. 06	13. 92	14. 53	14. 73	14. 95
[illegible]	2, 785	1, 255	12, 906	24, 176	27, 219	3. 97	1. 67	16. 69	30. 26	34. 02
[illegible]	1, 551	1, 956	3, 018	6, 505	[2] 6, 505	3. 71	4. 50	6. 77	13. 96	[2] 13. 96
[illegible]	363	570	2, 112	9, 982	9, 545	1. 05	1. 58	5. 99	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, 847	252, 865	443, 441	601, 124	. 53	4. 22	11. 04	18. 76	22. 55
New York	8, 187	86, 205	186, 542	307, 302	463, 068	1. 08	9. 05	17. 52	24. 20	36. 14
New Jersey	[3]	642	16, 355	56, 904	62, 198	------	. 24	4. 98	13. 03	15. 05
Pennsylvania	389	[3]	49, 968	79, 235	75, 858	. 06	------	5. 56	8. 19	7. 81
East North Central	18, 598	18, 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, 730	[2] 4. 730	1. 13	. 49	. 78	1. 45	[2] 1. 45
Illinois	2, 155	2, 273	13, 880	198, 321	221, 404	. 43	. 30	2. 08	25. 80	28. 58
Michigan	6, 506	7, 089	50, 934	67, 047	60, 582	2. 65	2. 41	13. 25	13. 68	12. 21
Wisconsin	2, 278	2, 251	2, 164	1, 264	1, 184	1. 07	. 93	. 80	. 43	. 40
West North Central	10, 233	8, 180	74, 681	179, 008	203, 208	. 97	. 68	5. 86	13. 42	15. 20
Minnesota	1, 755	1, 345	20, 308	15, 823	40, 156	. 95	. 63	8. 28	6. 15	15. 55
Iowa	50	357	1, 457	16, 760	16, 495	. 02	. 16	. 00	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. 84	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	413, 720	4. 86	4. 07	8. 85	27. 71	26. 73
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. 09	[2] 18. 09
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	------	------	16. 97	49. 00	49. 20
North Carolina	6, 755	8, 059	34, 713	176, 273	177, 210	3. 47	3. 54	13. 11	55. 07	54. 83
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, 033	619	869	13, 017	391	1. 84	. 77	. 85	8. 72	. 26
East South Central	35, 880	33, 846	56, 984	220, 127	228, 918	4. 62	3. 39	6. 33	22. 14	22. 96
Kentucky	2, 291	4, 441	7, 745	13, 712	16, 224	1. 04	1. 90	3. 17	5. 23	6. 16
Tennessee	17, 985	11, 812	19, 142	87, 754	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	18, 287	26, 369	28, 493	265, 586	269, 921	2. 80	2. 77	2. 70	21. 61	21. 95
Arkansas	1, 191	1, 236	2, 722	160, 087	164, 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. 08	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, 865	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, 110	11, 407	4. 94	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, 810	138, 441	183, 940	187, 368	1. 77	2. 48	23. 63	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.

Source: Bureau of the Census, Department of Commerce.

No. 213.—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 211

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	295,391	440,251	708,057	27.25	39.46	43.03	57.92	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	17,035	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	198.53
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	263.56
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	63,930	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	50.43	59.42
Illinois	40,657	78,560	137,208	350,139	1,060,140	10.63	15.65	23.24	52.58	138.01
Michigan	11,634	28,272	52,908	310,844	721,724	5.56	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	75.68
Minnesota	23,812	38,929	69,018	249,300	244,956	18.29	21.12	31.64	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	39,798	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	45.62
South Dakota	5,742	6,127	12,315	35,123	35,577	17.40	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	39,509	35,143	52,625	123,392	134,294	27.69	23.99	31.22	69.11	70.98
South Atlantic	95,235	107,564	203,253	619,588	1,546,501	10.75	9.99	15.94	44.38	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	
[illegible]	16,610	23,934	39,887	97,359	155,259	10.03	12.64	18.73	41.14	63.81
[illegible]	2,348	4,768	11,195	46,331	65,200	3.08	4.78	8.57	30.26	37.13
[illegible]	3,414	8,593	26,285	147,998	368,213	2.11	4.41	11.39	55.91	113.93
[illegible]	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	21.96	95.11	337.48
East South Central	36,636	55,176	126,973	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	36.80
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	29,930	59,965	123,480	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	1,288,334	7.78	9.25	22.18	64.00	104.17
Arkansas	2,157	3,034	12,577	88,558	91,446	1.91	2.25	7.58	49.51	49.03
Louisiana	17,327	24,184	61,461	112,117	276,668	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	91.96	116.64
Montana	2,751	7,717	16,633	57,650	61,953	20.82	29.30	39.68	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	1,962	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	152.69
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. 212.—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] 234,985	345,942	935,544	2,169,784	2,373,634	2.99	3.57	8.64	17.61	19.17
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	4.80	6.77	13.96	[2] 13.96
Vermont	363	570	2,112	9,982	9,545	1.05	1.58	5.99	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	8,576	86,347	252,865	443,441	601,124	.53	4.22	11.04	16.76	22.55
New York	8,187	86,205	186,542	307,302	463,068	1.08	9.05	17.52	24.20	36.14
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	.06	------	5.56	8.19	7.81
East North Central	18,598	18,105	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	4,730	[2] 4,730	1.13	.49	.78	1.45	[2] 1.45
Illinois	2,166	2,273	13,880	198,321	221,404	.43	.30	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	2,164	1,264	1,184	1.07	.93	.80	.43	.40
West North Central	10,233	8,180	74,681	179,008	203,208	.97	.68	5.86	13.42	15.20
Minnesota	1,755	1,345	20,308	15,823	40,156	.95	.63	8.28	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	23.84	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	413,720	4.86	4.07	8.85	27.71	26.73
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	22,943	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	176,273	177,210	3.47	3.54	13.11	55.07	54.83
South Carolina	6,730	6,190	8,729	77,084	[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	1,033	619	869	13,017	391	1.84	.77	.85	8.72	.26
East South Central	35,880	33,846	56,984	220,127	228,918	4.62	3.89	6.33	22.14	22.96
Kentucky	2,291	4,441	7,745	13,712	16,224	1.04	1.90	3.17	5.23	6.16
Tennessee	17,985	11,812	19,142	87,754	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	265,586	269,921	2.80	2.77	2.70	21.61	21.95
Arkansas	1,191	1,236	2,722	160,087	164,423	.88	.76	1.52	86.07	88.16
Louisiana	13,593	13,546	14,829	83,743	[2] 83,743	9.48	7.89	8.08	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	8,865	9,316	4.57	3.73	12.80	16.40	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	11,110	11,407	4.94	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	11,810	138,441	183,940	187,368	1.77	2.48	23.63	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] [illegible] by States.
[2] [illegible]
[3] [illegible]
[4] [illegible] made until 1919.

Source: Bureau of the Census, Department of Commerce.

No. 213.—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 211

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	295,391	440,251	708,057	27.25	39.46	43.03	57.92	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	58.58	107.71	140.83	295.26
New Jersey	48,311	81,204	169,527	365,817	1,089,033	33.43				
Pennsylvania	66,973	126,922	245,979	500,471	1,137,847	12.74				
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	63,930	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	50.43	59.42
Illinois	40,657	78,560	137,208	350,139	1,069,140	10.63	15.65	23.24	52.58	138.01
Michigan	11,634	28,272	52,008	310,844	721,724	5.56	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	75.68
Minnesota	23,812	38,929	69,018	249,300	244,956	18.29	21.12	31.64	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	39,798	46,031	56,951	87,820	230,962	14.85	14.42	16.98	25.58	63.24
North Dakota	3,139	4,040	12,441	34,353	31,206	17.18	12.67	18.83	51.95	45.62
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	39,509	35,143	52,625	123,392	134,294	27.69	23.99	31.22	69.11	70.98
South Atlantic	95,235	107,564	203,253	619,588	1,546,501	10.75	9.99	15.94	44.38	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	229,970	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	147,998	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	21.96	95.11	337.48
East South Central	38,636	55,176	126,973	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	29,930	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	91,446	1.91	2.25	7.58	49.51	49.03
Louisiana	17,327	24,184	61,461	112,117	276,668	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	91.96	116.64
Montana	2,751	7,717	16,633	57,650	61,953	20.82	29.30	39.68	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	1,962	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	152.69
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. 214.—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 213

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**	**3,952,862**	**South Atlantic—Con.**			
				[illegible]	30,296	124,021	942
New England	**17,213**	**595,840**	**95,004**	[illegible]	34,245	15,422	15,533
Maine	2,713	10,227	18,370	[illegible]	158,859	164,860	44,494
New Hampshire	1,648	13,738	9,844	[illegible]	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	166,129
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**	**397,377**	Tennessee	104,322	119,412	5,730
New York	228,511	2,464,909	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	295,466				
				West South Central	**258,393**	**467,497**	**562,944**
East North Central	**421,671**	**1,630,793**	**1,004,096**	Arkansas	5,829	5,700	79,917
Ohio	146,038	461,579	259,724	Louisiana	11,121	109,727	155,820
[illegible]	42,140	47,465	104,709	Oklahoma	43,570	77,855	61,221
[illegible]	75,717	490,218	503,205	Texas	197,873	274,215	265,986
[illegible]	76,918	522,978	121,828				
[illegible]	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	58,058
Missouri	37,279	117,643	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	6,485	48,261	54,831	Nevada	1,826	1,772	4,977
Kansas	28,730	67,890	37,674				
				Pacific	**92,151**	**669,234**	**566,943**
South Atlantic	**432,823**	**839,608**	**274,070**	Washington	21,008	118,161	70,005
Delaware	9,635	16,073	1,308	Oregon	26,059	78,020	61,373
Maryland	39,886	180,314	9,770	California	45,084	473,044	435,565

No. 215.—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	258,195	204,641	33,642	----------	19,912	40,985	211,210	3.57	----------	----------
1902 [4]	274,149	163,819	40,808	----------	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	693,023	547,346	40,648	612	105,017	146,677	546,946	5.20	[5] 466,875	4.44
1922	1,162,648	985,859	42,038		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	1,745,651	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	39,635	13,143	195,495	378,056	1,479,981	12.77	[5] 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	2,666,070	2,259,078	37,769	129,455	239,768	496,293	2,169,777	17.61	1,975,844	16.04
1932 [6]	2,895,845	[7] 2,499,416	(7)	(7)	396,429	522,211	2,373,634	19.17	(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 [illegible] over debt in one State.

[6] [illegible] 18 States. See Table 210.

[7] [illegible]

[8] Not computed.

Source of Tables 214 and 215: Bureau of the Census, Department of Commerce.

No. 216.—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	1,256,385	169,228	82,757	56,528	225,498	402,243	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	21,654	5,378	-------	1,650	4,591	299	1,260	2,500	5,134	842
Connecticut	16,291	-------	-------	-------	-------	-------	-------	-------	16,291	-------
Middle Atlantic	628,271	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	74,395	18,065	12
Ohio	8,040	-------	-------	-------	-------	-------	-------	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	104,865	-------	-------	88,500	-------	-------	286	11,680	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	-------	887	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	-------	17,749	-------
West Virginia	86,376	-------	-------	81,085	-------	-------	-------	-------	5,291	-------
North Carolina	179,091	250	-------	110,250	-------	560	16,285	-------	49,947	1,800
South Carolina	69,973	459	-------	64,342	-------	-------	-------	-------	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	-------	-------	307	-------	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	19,885	8,010
Arkansas	156,857	-------	-------	133,359	-------	1,517	1,507	9,447	2,617	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	-------	28,646	72	1,983	5,626	-------	6,226	-------
Montana	5,589	589	-------	-------	-------	1,250	3,750	-------	-------	-------
Idaho	4,334	1,070	-------	1,821	-------	389	897	-------	157	-------
Wyoming	4,245	-------	-------	4,245	-------	-------	-------	-------	-------	-------
Colorado	8,062	-------	-------	5,830	-------	-------	-------	-------	2,232	-------
New Mexico	11,527	239	-------	9,090	72	-------	594	-------	1,522	-------
Arizona	1,588	-------	-------	-------	-------	-------	-------	-------	1,588	-------
Utah	10,635	2,550	-------	7,260	-------	-------	300	-------	525	-------
Nevada	1,021	-------	-------	400	-------	344	85	-------	192	-------
Pacific	207,857	10,546	2,173	87,892	-------	-------	11,515	35,500	6,262	53,969
Washington	13,000	4,000	-------	-------	-------	-------	-------	9,000	-------	-------
Oregon	58,750	346	2,173	28,492	-------	-------	746	26,500	44	450
California	136,107	6,200	-------	59,400	-------	-------	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. 217.—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	
		Total	Taxes			Special assessments and charges for outlays	Earnings of—		All other	Total	Operation, maintenance, and interest, total
			General property	License	Other		General departments	Public service enterprises			
1	New York, N.Y.	660, 403	457, 269	26, 031	8, 029	12, 707	7, 610	36, 328	112, 429	755, 681	601, 360
2	Chicago, Ill.	[illegible]	[illegible]	7, 910	------	20, 365	6, 996	11, 930	24, 169	221, 163	177, 561
3	Philadel[illegible]	[illegible]	[illegible]	869	71	37	3, 101	6, 985	25, 126	138, 979	108, 853
4	Detroit, [illegible]	[illegible]	[illegible]	3, 597	274	4, 399	7, 849	21, 644	12, 735	126, 696	106, 154
5	Los Ang[illegible]	[illegible]	[illegible]	5, 531	------	12, 601	3, 383	26, 916	10, 335	146, 336	102, 320
6	Cleveland, Ohio	62, 755	41, 866	2, 886	380	2, 553	2, 203	7, 892	4, 886	69, 881	55, 873
7	St. Louis, Mo.	49, 763	33, 182	2, 529	------	4, 130	1, 806	4, 046	4, 079	55, 121	40, 358
8	Baltimore, Md.	44, 211	29, 866	2, 196	1, 016	745	911	5, 031	4, 446	53, 140	45, 043
9	Boston, Mass.	82, 659	55, 763	1, 912	6, 653	539	2, 522	4, 807	10, 463	94, 630	75, 498
10	Pittsburgh, Pa.	50, 476	40, 222	730	58	333	1, 155	3, 070	4, 908	51, 655	43, 777
11	San Francisco, Calif.	52, 192	31, 517	2, 078	------	914	1, 257	11, 432	4, 994	63, 366	43, 335
12	Milwaukee, Wis.	50, 223	32, 282	748	2, 431	1, 978	2, 005	2, 498	8, 280	52, 274	40, 948
13	Buffalo, N.Y.	50, 943	36, 213	1, 997	870	1, 491	817	2, 595	6, 960	54, 366	46, 280
14	Washington, D.C.	45, 285	24, 697	5, 230	2	606	1, 646	1, 932	11, 082	48, 134	34, 433
15	[illegible]	28, 156	20, 586	297	71	2, 261	681	1, 464	2, 796	29, 017	24, 957
16	[illegible]	19, 248	11, 647	1, 134	116	1, 637	842	2, 152	1, 718	25, 120	19, 604
17	[illegible]	34, 192	20, 449	1, 923	545	1, 370	1, 811	2, 310	5, 779	38, 693	30, 700
18	[illegible]	40, 614	27, 191	1, 804	457	498	1, 756	2, 155	6, 753	49, 326	41, 053
19	[illegible]	23, 432	15, 920	1, 686	------	1, 001	876	2, 302	1, 647	31, 259	20, 833
20	[illegible]	33, 474	16, 516	228	------	2, 309	670	11, 280	2, 471	37, 405	30, 514
21	Indianapolis, Ind.	17, 756	15, 720	109	51	452	485	51	828	17, 183	15, 432
22	Rochester, N.Y.	31, 746	19, 697	1, 668	274	1, 876	880	1, 517	5, 834	34, 055	28, 934
23	Houston, Tex.	16, 312	11, 965	226	------	1	659	1, 652	1, 809	12, 674	11, 535
24	Jersey City, N.J.	28, 235	19, 082	1, 671	193	122	896	1, 748	4, 523	32, 087	28, 695
25	Portland, Oreg.	19, 698	13, 409	802	------	1, 485	564	1, 978	1, 460	20, 846	17, 762
26	Louisville, Ky.	14, 925	10, 841	661	------	65	736	1, 609	1, 073	17, 051	12, 573
27	Toledo, Ohio	13, 306	8, 590	701	88	1, 315	365	1, 199	1, 048	14, 239	13, 561
28	Columbus, Ohio	13, 874	7, 894	682	95	1, 253	303	1, 719	1, 928	12, 814	11, 542
29	Oakland, Calif.	19, 901	10, 548	368	------	1, 478	460	3, 660	3, 397	19, 509	15, 003
30	Denver, Colo.	18, 252	12, 382	460	------	1, 289	789	2, 731	601	19, 939	16, 067
31	Atlanta, Ga.	9, 612	5, 448	661	87	536	322	1, 771	787	9, 195	8, 826
32	Dallas, Tex.	10, 668	6, 725	39	------	611	438	1, 401	1, 454	11, 361	8, 339
33	St. Paul, Minn.	13, 530	8, 505	566	15	1, 180	222	1, 115	1, 027	14, 059	11, 243
34	Birmingham, Ala.	8, 167	3, 947	1, 086	35	1, 584	228	22	1, 265	7, 673	6, 374
35	Akron, Ohio	11, 092	6, 945	435	45	1, 254	315	1, 148	950	9, 767	9, 208
36	Memphis, Tenn.	8, 994	5, 630	364	58	258	200	1, 285	1, 199	9, 140	7, 418
37	Providence, R.I.	16, 771	12, 861	64	58	318	418	1, 707	1, 345	18, 970	15, 691
38	San Antonio, Tex.	8, 102	5, 787	50	------	2	178	1, 119	966	8, 481	6, 855
39	Omaha, Nebr.	12, 809	7, 894	183	------	751	260	3, 018	703	11, 467	10, 203
40	Syracuse, N.Y.	15, 994	10, 069	325	177	1, 716	205	789	2, 713	15, 817	12, 787
41	Dayton, Ohio	8, 973	6, 170	444	33	588	237	785	716	8, 820	7, 338
42	Oklahoma City, Okla.	6, 502	3, 492	258	------	482	298	977	995	7, 936	6, 292
43	Worcester, Mass.	13, 555	9, 064	317	1, 329	320	855	841	829	15, 847	12, 978
44	Richmond, Va.	10, 269	5, 911	601	63	169	228	2, 131	1, 166	10, 107	8, 878
45	[illegible]	6, 645	4, 488	314	75	503	111	665	489	7, 399	6, 261
46	[illegible]	9, 869	6, 023	68	------	955	459	1, 051	1, 313	9, 758	8, 561
47	[illegible]	6, 372	4, 401	14	------	157	222	830	748	6, 412	5, 588
48	Hartford, Conn.	13, 198	9, 566	78	1, 259	209	562	916	608	14, 058	11, 705
49	Flint, Mich.	7, 981	5, 245	17	------	493	570	643	1, 013	8, 184	6, 720
50	New Haven, Conn.	9, 007	7, 944	45	161	69	383	1	404	9, 189	8, 201
51	San Diego, Calif.	8, 624	4, 475	97	------	457	120	1, 733	1, 742	9, 020	7, 385
52	Nashville, Tenn.	5, 594	3, 489	164	33	109	110	634	1, 055	6, 031	4, 752
53	Long Beach, Calif.	10, 960	5, 781	160	------	287	194	2, 531	2, 007	12, 315	8, 749
54	[illegible]	11, 276	7, 803	282	1, 225	95	640	708	523	12, 351	10, 932
55	[illegible]	7, 660	6, 014	138	------	140	101	914	353	8, 904	5, 962
56	[illegible]	8, 486	7, 594	53	131	9	407	18	274	8, 910	8, 206
57	[illegible]	5, 209	3, 178	108	------	303	168	578	874	5, 842	5, 057
58	[illegible]	7, 061	5, 591	62	------	66	172	901	269	6, 524	6, 086
59	Scranton, Pa.	6, 022	4, 753	64	110	127	186	1	781	6, 327	5, 781
60	Yonkers, N.Y.	14, 707	10, 488	166	153	474	138	654	2, 634	14, 113	12, 951
61	Jacksonville, Fla.	7, 903	3, 355	120	43	71	139	3, 528	647	6, 703	6, 387
62	Paterson, N.J.	9, 606	5, 756	484	67	166	292	1, 243	1, 598	10, 188	8, 177
63	Albany, N.Y.	9, 958	6, 855	174	105	874	59	818	1, 073	10, 229	8, 021
64	Norfolk, Va.	7, 144	4, 541	519	10	23	152	962	937	6, 040	5, 839
65	Trenton, N.J.	6, 481	3, 848	264	58	44	209	558	1, 500	8, 716	7, 751
66	Chattanooga, Tenn.	3, 669	2, 236	102	59	220	169	19	864	4, 021	3, 460
67	Kansas City, Kans.	7, 107	3, 714	91	------	471	26	2, 482	323	6, 653	5, 140
68	Fort Wayne, Ind.	5, 161	3, 406	23	52	93	63	1, 294	230	5, 551	3, 971

Includes miscellaneous expenditures not shown separately.

DEBT OF INDIVIDUAL CITIES OF 120,000 OR MORE INHABITANTS: 1932

funded and floating debt less assets in general sinking funds

Governmental-cost payments													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						
489,204	46,712	90,337	50,379	29,896	59,872	148,474	3,456	16,984	18,074	94,082	154,321	1,785,807	1
138,983	13,094	22,861	12,825	12,043	6,509	50,973	1,360	7,421	7,467	31,111	43,602	433,804	2
80,465	8,515	16,131	6,044	5,538	10,267	26,003	637	2,345	2,270	26,118	30,126	477,068	3
71,716	5,499	14,204	7,961	3,620	13,662	20,457	983	1,917	13,744	20,694	20,542	327,127	4
77,838	8,137	13,500	4,624	6,452	9,403	29,953	1,247	2,396	12,559	11,923	44,016	230,621	5
41,250	3,356	6,423	3,199	2,592	6,328	15,028	1,159	588	4,483	10,140	14,008	147,662	6
34,547	3,136	8,153	2,629	2,431	3,838	11,548	514	1,619	2,690	3,121	14,763	67,215	7
35,051	2,506	7,436	3,712	4,441	5,385	8,999	468	868	1,803	8,099	8,097	170,471	8
64,019	4,592	10,577	5,643	3,040	16,291	16,165	968	2,440	3,255	8,224	19,132	130,021	9
35,152	4,242	5,281	2,892	2,686	4,633	11,473	754	953	1,796	6,829	7,878	141,886	10
30,289	2,867	7,321	1,347	1,484	4,408	8,933	305	1,592	5,979	7,067	20,031	158,679	11
36,142	2,490	5,027	4,727	1,888	8,360	9,895	386	1,828	1,215	3,591	11,326	69,023	12
39,603	2,901	5,925	3,248	2,885	8,335	11,113	442	1,498	1,333	5,294	8,086	104,035	13
33,473	1,894	6,644	2,720	3,101	5,036	9,529	430	2,097	900	------	13,701	---------	14
21,028	1,476	2,686	1,706	2,060	3,370	7,321	438	715	862	3,067	4,060	52,202	15
13,610	1,547	3,418	1,471	1,505	359	4,424	78	374	1,516	4,478	5,516	82,509	16
23,736	2,083	2,768	1,642	1,978	4,689	8,414	344	365	1,281	5,683	7,993	81,854	17
32,947	2,639	6,369	3,531	1,249	5,509	10,926	447	904	1,568	6,538	8,273	118,208	18
16,616	2,295	2,403	1,052	1,892	1,778	5,841	286	671	1,203	3,014	10,426	58,389	19
19,764	1,958	3,334	1,600	2,029	3,493	5,866	302	434	6,072	4,678	6,891	91,825	20
13,736	975	2,987	1,098	1,056	830	5,522	311	495	30	1,666	1,751	34,523	21
24,581	1,783	3,086	2,155	2,154	5,371	6,863	233	850	790	3,563	5,121	59,474	22
7,598	958	1,170	544	857	608	3,177	87	104	767	3,220	1,089	57,052	23
23,209	2,207	5,076	1,892	1,122	4,626	6,186	241	628	1,018	4,477	3,392	76,903	24
13,037	1,236	2,585	722	1,193	1,287	4,394	233	745	1,115	3,610	3,084	61,744	25
10,440	716	1,814	1,034	1,161	1,370	3,531	160	299	604	1,529	4,478	32,533	26
10,690	394	1,798	585	1,604	1,617	3,682	211	102	768	2,103	678	38,249	27
8,527	391	1,305	525	442	1,362	3,845	56	69	716	2,299	1,272	27,024	28
10,711	390	2,328	443	707	42	5,948	215	488	1,311	3,071	4,416	60,345	29
13,029	1,360	2,112	696	1,073	1,184	5,065	248	721	1,096	1,942	3,872	32,772	30
7,541	324	1,523	805	539	828	3,089	98	178	425	860	369	13,785	31
6,045	320	1,372	503	294	248	2,888	59	251	509	1,785	3,022	34,304	32
8,310	559	1,816	427	674	497	3,417	240	329	736	2,197	2,816	30,487	33
5,066	215	1,164	400	352	105	2,427	102	214	30	1,278	1,299	19,794	34
6,371	332	699	450	721	702	3,011	92	54	313	2,524	559	39,379	35
5,548	240	1,177	610	425	398	2,269	100	255	402	1,468	1,722	27,386	36
12,628	588	2,753	1,263	816	1,817	4,443	74	392	666	2,397	3,279	42,444	37
4,783	327	969	557	395	36	2,108	88	249	327	1,745	1,626	28,578	38
6,652	370	1,488	291	457	5	3,459	89	150	1,794	1,757	1,264	27,672	39
10,662	488	1,563	775	709	2,545	3,064	117	219	272	1,853	3,030	30,476	40
5,805	297	855	487	325	1,250	2,026	196	124	290	1,243	1,482	21,151	41
4,781	198	1,002	431	200	79	2,406	46	253	292	1,219	1,644	20,272	42
11,855	420	2,008	788	1,178	2,670	3,758	162	204	342	781	2,869	11,147	43
6,164	589	1,213	657	448	542	2,309	76	138	1,007	1,707	1,229	28,104	44
5,396	226	656	224	377	747	2,756	61	177	330	535	1,138	8,177	45
7,227	276	1,210	538	299	1,149	3,227	214	240	432	902	1,197	13,804	46
4,104	189	807	354	286	269	1,922	37	185	260	1,224	824	23,588	47
10,157	556	1,826	998	633	1,492	3,648	135	519	293	1,255	2,353	21,217	48
5,298	191	757	323	217	1,068	2,484	102	107	327	1,095	1,464	17,240	49
7,307	403	1,734	466	378	789	2,879	107	253	3	891	988	14,745	50
5,710	358	1,090	415	496	16	2,767	118	283	713	962	1,635	19,812	51
3,584	238	998	352	297	291	1,103	61	143	367	801	1,279	14,740	52
6,360	391	1,114	583	377	56	3,212	122	395	1,214	1,175	3,566	23,748	53
9,769	387	1,685	879	596	1,820	3,209	220	416	284	879	1,419	17,495	54
4,164	221	813	279	225	60	2,327	49	84	488	1,310	2,942	20,815	55
7,522	343	1,717	684	656	1,047	2,442	152	232	11	673	704	14,954	56
4,094	337	518	175	332	30	2,376	78	175	274	689	785	12,682	57
4,746	223	860	251	458	9	2,352	106	139	446	894	438	17,803	58
5,281	265	917	360	312	701	2,337	37	135	-------	500	546	8,994	59
10,776	655	1,636	1,280	387	1,372	3,487	53	250	520	1,655	1,162	28,988	60
4,090	228	926	445	465	64	1,501	75	233	1,316	981	316	15,324	61
6,885	200	1,374	431	190	826	3,264	75	67	549	743	2,011	28,628	62
5,994	379	1,345	691	518	463	1,781	127	299	593	1,434	2,208	28,082	63
3,747	357	1,117	388	185	185	1,301	37	53	273	1,819	201	32,240	64
6,353	196	1,278	569	402	1,008	2,468	102	125	378	1,020	965	16,809	65
2,680	126	691	178	239	265	1,008	56	52	35	745	561	13,436	66
2,865	151	673	133	145	33	1,578	31	58	1,542	733	1,513	10,732	67
2,928	139	677	188	153	-------	1,473	92	114	761	282	1,580	6,518	68

Source: Bureau of the Census, Department of Commerce.

No. 218.—PER CAPITA REVENUE RECEIPTS, GOVERNMENTAL-COST PAY

City number in order of size	City	Revenue receipts, total		Revenue receipts, 1932, for—							Governmental-cost payments for operation, maintenance, and interest, total	
				Taxes			Special assessments and charges for outlays	Earnings of—		All other		
		1922	1932	General property	License	All other		General departments	Public service enterprises		1922	1932
1	New York	$69.94	$91.49	$63.35	$3.61	$1.11	$1.76	$1.05	$5.03	$15.57	$57.31	$83.31
2	Chicago	54.20	57.01	36.76	2.24	------	5.78	1.99	3.39	6.86	39.92	50.39
3	Philadelphia	47.55	64.82	46.63	.33	.04	.02	1.57	3.53	12.70	43.34	55.01
4	Detroit	65.53	73.81	43.87	2.13	.16	2.61	4.65	12.83	7.55	50.10	62.93
5	Los Angeles	79.81	101.36	57.83	4.10	------	9.33	2.51	19.94	7.66	48.30	76.80
6	Cleveland	62.55	67.98	45.35	3.13	.41	2.77	2.48	8.55	5.29	47.92	60.52
7	St. Louis	44.88	60.01	40.01	3.05	------	4.98	2.18	4.88	4.90	34.05	48.67
8	Baltimore	39.97	53.88	36.40	2.68	1.24	.91	1.11	6.13	54.41	35.17	54.90
9	Boston	80.55	104.83	70.72	2.42	8.43	.68	3.20	6.10	13.27	65.52	95.75
10	Pittsburgh	61.50	74.13	59.07	1.07	.09	.49	1.70	4.51	7.21	49.92	64.26
11	San Francisco	57.67	79.54	48.03	3.17	------	1.39	1.92	17.42	7.60	44.51	66.04
12	Milwaukee	59.50	83.22	53.49	1.24	4.03	3.28	3.32	4.14	13.72	41.07	67.35
13	Buffalo	52.97	87.17	61.97	3.42	1.49	2.55	1.40	4.44	11.91	48.11	79.19
14	Washington	57.27	92.04	50.20	10.63	(1)	1.42	3.35	3.93	22.53	42.03	69.99
15	Minneapolis	54.04	58.45	42.74	.62	.15	4.69	1.41	3.04	5.81	41.57	51.81
16	New Orleans	44.46	40.56	24.51	2.39	.25	3.45	1.77	4.54	3.61	35.63	41.32
17	Cincinnati	64.38	73.98	44.24	4.17	1.18	2.06	3.92	5.00	12.50	49.41	66.42
18	Newark	61.40	90.58	60.64	4.02	1.02	1.11	3.92	4.81	15.06	52.93	91.56
19	Kansas City, Mo.	51.11	56.96	38.70	4.10	------	2.43	2.13	5.60	4.00	45.38	50.64
20	Seattle	93.85	88.91	43.87	.60	------	6.13	1.78	29.96	6.57	80.41	81.05
21	Indianapolis	40.73	47.42	41.99	.45	.14	1.21	1.30	.14	2.21	35.37	41.22
22	Rochester	56.53	94.76	58.80	4.98	.82	5.60	2.63	4.53	17.41	47.71	86.37
23	Houston	42.40	50.25	36.86	.70	------	(1)	2.03	5.09	5.57	33.76	35.69
24	Jersey City	55.94	88.01	59.48	5.21	.60	.38	2.79	5.45	14.10	54.67	89.45
25	Portland	55.25	63.38	43.14	2.58	------	4.78	1.81	6.30	4.70	38.26	57.15
26	Louisville	33.85	48.36	35.13	1.95	------	.21	2.39	5.22	3.47	27.60	40.74
27	Toledo	42.88	44.22	28.55	2.33	.29	4.37	1.21	3.99	3.48	36.51	45.07
28	Columbus	44.68	46.31	26.35	2.28	.32	4.18	1.01	5.74	6.43	34.63	38.52
29	Oakland	39.36	67.32	35.68	1.21	------	5.00	1.56	12.38	11.48	32.32	51.06
30	Denver	52.07	61.94	42.01	1.56	------	4.38	2.68	9.27	2.03	40.79	54.52
31	Atlanta	33.19	33.91	19.22	2.33	.31	1.89	1.14	6.25	2.77	25.29	31.14
32	Dallas	38.79	38.06	23.99	.14	------	2.18	1.56	5.00	5.18	31.07	29.75
33	St. Paul	40.00	48.37	30.41	2.02	.05	4.22	.79	3.99	6.89	36.42	40.29
34	Birmingham	25.38	29.75	14.38	3.96	.13	5.77	.83	.08	4.60	21.50	23.22
35	Arkon	40.05	41.65	26.08	1.63	.17	4.71	1.18	4.31	3.57	29.86	34.58
36	Memphis	39.90	34.13	21.37	1.38	.22	.98	.76	4.87	4.55	33.28	28.15
37	Providence	46.86	65.51	50.24	.25	.23	1.24	1.63	6.67	5.26	37.04	61.29
38	San Antonio	26.20	33.34	23.82	.20	------	.01	.73	4.61	3.97	21.91	28.21
39	Omaha	68.18	58.51	36.06	.84	------	3.43	1.19	13.79	3.21	43.24	46.61
40	Syracuse	49.82	74.01	46.59	1.50	.82	7.94	.95	3.65	12.55	38.01	59.17
41	Dayton	40.14	43.18	29.69	2.14	.16	2.83	1.14	3.78	3.44	28.30	35.31
42	Oklahoma City	52.00	32.29	17.34	1.28	------	2.39	1.48	4.85	4.94	35.51	31.24
43	Worcester	48.07	68.25	45.64	1.60	6.60	1.61	4.31	4.23	4.18	41.05	65.35
44	Richmond	43.90	55.36	31.87	3.24	.34	.91	1.23	11.49	6.30	34.93	47.86
45	Youngstown	38.19	37.90	25.60	1.79	.43	2.87	.63	3.79	2.78	34.89	35.72
46	Grand Rapids	42.25	57.28	34.96	.40	------	5.54	2.66	6.10	7.62	30.99	49.09
47	Fort Worth	35.88	37.50	25.91	.08	------	.93	1.31	4.88	4.40	26.92	32.89
48	Hartford	53.57	78.61	56.97	.46	7.50	1.24	3.35	5.46	3.63	41.23	69.72
49	Flint	46.02	47.74	31.37	.11	------	2.95	3.41	3.85	6.06	31.39	40.19
50	New Haven	36.49	55.36	48.82	.28	1.00	.43	2.35	.01	2.48	32.09	50.41
51	San Diego	62.86	53.97	28.00	.60	------	2.86	.75	10.85	10.90	47.22	46.22
52	Nashville	28.01	35.65	22.24	1.05	.21	.69	.70	4.04	6.73	23.61	30.29
53	Long Beach	56.83	69.94	36.89	1.02	------	1.83	1.24	16.15	12.81	38.59	55.83
54	Springfield	59.01	73.12	50.60	1.83	7.94	.62	4.15	4.59	3.39	47.75	70.89
55	Tulsa	33.08	51.86	40.72	.93	------	.95	.68	6.19	2.39	30.70	40.37
56	Bridgeport	48.39	57.65	51.59	.36	.90	.06	2.76	.12	1.86	40.54	55.75
57	Salt Lake City	44.10	35.85	21.87	.74	------	2.09	1.16	3.98	6.01	35.95	34.81
58	Des Moines	58.48	48.73	38.59	.42	------	.46	1.19	6.22	1.86	38.69	42.00
59	Scranton	29.24	41.62	32.84	.44	.76	.88	1.29	.01	5.40	24.47	39.95
60	Yonkers	66.27	103.42	73.76	1.16	1.08	3.34	.97	4.60	18.51	54.45	94.07
61	Jacksonville	47.78	56.49	23.98	.86	.30	.51	.99	25.22	4.62	42.32	45.65
62	Paterson	34.47	69.06	41.38	3.48	.43	1.19	2.10	8.94	11.49	29.78	58.78
63	Albany	41.26	76.30	52.53	1.33	.80	6.70	.45	6.27	8.23	38.74	61.47
64	Norfolk	40.94	55.08	35.01	4.00	.08	.18	1.17	7.41	7.22	43.22	45.02
65	Trenton	38.90	52.18	30.99	2.13	.47	.35	1.68	4.49	12.07	34.38	62.40
66	Chattanooga	27.58	29.64	18.06	.82	.47	1.78	1.36	.15	6.98	26.29	27.95
67	Kansas City, Kan.	45.42	57.41	30.01	.73	------	3.80	.21	20.05	2.60	38.65	41.52
68	Fort Wayne	42.50	42.55	28.08	.19	.43	.77	.52	10.67	1.89	29.48	32.73

[1] Less than one-half of 1 cent.

MENTS, AND NET DEBT OF CITIES OF 120,000 OR MORE INHABITANTS: 1932

Governmental-cost payments, 1932, for—											Net debt		City number in order of size
Operation and maintenance of general departments									Operation and maintenance of public service enterprises	Interest	1922	1932	
Total	General government	Protection to person and property	Health and sanitation	Highways	Charities, hospitals, and corrections	Education		Recreation					
						Schools	Libraries						
$67.77	$6.47	$12.52	$6.98	$4.14	$8.29	$20.57	$0.48	$2.35	$2.50	$13.03	$182.72	$247.41	1
39.45	3.72	6.49	3.64	3.42	1.85	14.47	.39	2.11	2.12	8.83	46.35	123.12	2
40.66	4.30	8.15	3.05	2.80	5.19	13.14	.32	1.19	1.15	13.20	103.38	241.08	3
42.51	3.26	8.42	4.72	2.14	8.10	12.13	.58	1.14	8.15	12.27	123.37	193.92	4
57.66	6.03	10.00	3.42	4.78	6.97	22.19	.92	1.77	9.30	8.83	110.59	170.84	5
44.68	3.64	6.95	3.46	2.80	6.85	16.28	1.26	.64	4.86	10.98	135.85	159.95	6
41.66	3.78	9.83	3.17	2.93	4.63	13.93	.62	1.95	3.24	3.76	17.99	81.05	7
42.72	3.05	9.06	4.52	5.41	6.56	10.97	.57	1.06	2.31	9.87	104.84	207.76	8
81.19	5.82	13.42	7.15	3.86	20.66	20.50	1.23	3.09	4.13	10.43	110.76	164.90	9
51.63	6.23	7.76	4.25	3.94	6.80	16.85	1.11	1.40	2.64	10.03	123.13	208.38	10
46.16	4.37	11.16	2.05	2.26	6.72	13.61	.47	2.43	9.11	10.77	135.30	241.82	11
59.89	4.13	8.33	7.83	3.13	13.85	16.40	.64	3.03	2.01	5.95	66.97	115.86	12
67.77	4.96	10.14	5.56	4.93	14.26	19.02	.76	2.56	2.37	9.06	84.01	178.02	13
68.03	3.85	13.50	5.53	6.31	10.24	19.37	.87	4.26	1.95	-------	.36	-------	14
43.55	3.06	5.57	3.54	4.28	7.00	15.20	.91	1.48	1.79	6.37	92.78	108.37	15
28.68	3.26	7.20	3.10	3.17	.76	9.32	.16	.79	3.20	9.44	100.79	173.89	16
51.36	4.51	5.99	3.56	4.28	10.15	18.21	.75	.79	2.77	12.29	201.23	177.10	17
73.48	5.89	14.20	7.87	2.79	12.29	24.37	1.00	2.01	3.50	14.58	113.48	263.62	18
40.39	5.58	5.84	2.56	4.60	4.32	14.20	.70	1.63	2.92	7.33	45.88	141.93	19
52.49	5.20	8.86	4.25	5.39	9.28	15.58	.80	1.15	16.13	12.42	185.11	243.89	20
36.69	2.60	7.98	2.93	2.82	2.22	14.75	.83	1.32	.08	4.45	73.00	92.21	21
73.38	5.32	9.07	6.43	6.43	16.03	20.49	.70	2.54	2.36	10.64	77.61	177.53	22
23.41	2.95	3.61	1.68	2.64	1.87	9.79	.27	.32	2.36	9.92	103.00	175.76	23
72.32	6.88	15.82	5.89	3.50	14.42	19.28	.75	1.96	3.17	13.96	118.94	239.72	24
41.95	3.98	8.32	2.32	3.84	4.14	14.14	.75	2.40	3.59	11.61	95.16	198.66	25
33.83	2.32	5.88	3.35	3.76	4.44	11.44	.52	.97	1.96	4.95	52.31	105.42	26
35.53	1.31	5.97	1.95	5.33	5.37	12.24	.70	.64	2.55	6.99	102.37	127.12	27
28.46	1.31	4.36	1.75	1.47	4.54	12.83	.19	.23	2.39	7.67	85.51	90.20	28
38.24	1.32	7.87	1.50	2.39	.14	20.12	.73	1.65	4.44	10.39	51.19	204.14	29
44.21	4.61	7.17	2.36	3.64	4.02	17.19	.84	2.45	3.72	6.59	61.64	111.20	30
26.60	1.14	5.37	2.84	1.91	2.92	10.90	.35	.63	1.50	3.03	32.32	48.62	31
21.57	1.14	4.90	1.79	1.04	.89	10.31	.21	.90	1.81	6.37	69.67	122.38	32
29.71	2.00	6.49	1.52	2.41	1.78	12.21	.86	1.17	2.63	7.85	54.26	109.00	33
18.45	.78	4.24	1.46	1.28	.38	8.84	.37	.78	.11	4.66	49.24	72.11	34
23.93	1.25	2.63	1.69	2.71	2.63	11.31	.35	.20	1.17	9.48	111.97	147.87	35
21.05	.91	4.46	2.31	1.61	1.51	8.61	.38	.97	1.53	5.57	115.89	103.93	36
49.33	2.30	10.76	4.94	3.19	7.10	17.35	.29	1.53	2.60	9.36	57.28	165.80	37
19.68	1.35	3.99	2.29	1.62	.15	8.67	.36	1.03	1.34	7.18	46.13	117.61	38
30.39	1.69	6.80	1.33	2.09	.02	15.80	.41	.69	8.19	8.03	149.41	126.41	39
49.34	2.26	7.24	3.59	3.28	11.78	14.18	.54	1.01	1.26	8.57	76.66	141.03	40
27.94	1.43	4.12	2.35	1.56	6.01	9.75	.94	.60	1.39	5.98	64.76	101.79	41
23.74	.98	4.98	2.14	.99	.39	11.95	.23	1.26	1.45	6.05	90.85	100.66	42
59.69	2.12	10.11	3.97	5.93	13.45	18.92	.81	1.03	1.72	3.93	32.82	56.13	43
33.23	3.18	6.54	3.54	2.42	2.92	12.45	.41	.75	5.43	9.20	92.20	151.50	44
30.78	1.29	3.74	1.28	2.15	4.26	15.72	.35	1.01	1.88	3.05	84.40	46.65	45
41.94	1.60	7.03	3.12	1.74	6.67	18.73	1.24	1.39	2.51	5.23	40.24	80.12	46
24.16	1.11	4.74	2.08	1.68	1.58	11.31	.22	1.09	1.53	7.20	81.68	138.83	47
60.49	3.31	10.88	5.94	3.77	8.88	21.73	.80	3.09	1.75	7.47	92.42	126.36	48
31.69	1.14	4.52	1.94	1.30	6.39	14.86	.61	.64	1.95	6.55	94.89	103.11	49
44.91	2.48	10.66	2.86	2.32	4.85	17.69	.66	1.55	.02	5.48	54.98	90.62	50
35.73	2.24	6.82	2.60	3.11	.10	17.31	.73	1.77	4.46	6.02	143.80	123.98	51
22.84	1.52	6.36	2.24	1.90	1.85	7.03	.39	.91	2.34	5.11	79.42	93.96	52
40.59	2.49	7.11	3.72	2.40	.36	20.50	.78	2.52	7.75	7.50	81.51	151.55	53
63.36	2.51	10.93	5.69	3.87	11.80	20.81	1.42	2.70	1.84	5.70	71.23	113.46	54
28.19	1.50	5.50	1.89	1.53	.41	15.76	.33	.57	3.31	8.87	70.25	140.93	55
51.10	2.33	11.68	4.65	4.45	7.11	16.59	1.03	1.58	.08	4.57	69.47	101.59	56
28.18	2.32	3.57	1.20	2.28	.20	16.35	.53	1.21	1.89	4.74	79.03	87.28	57
32.76	1.54	5.94	1.73	3.17	.06	16.23	.73	.96	3.08	6.17	104.19	122.86	58
36.50	1.83	6.34	2.55	2.15	4.84	16.16	.25	.94	(1)	3.45	20.84	62.16	59
75.78	4.61	11.51	9.06	2.72	9.65	24.52	.37	1.76	3.66	11.64	118.04	203.85	60
29.24	1.63	6.62	3.18	3.32	.46	10.73	.54	1.67	9.40	7.01	76.35	109.53	61
49.50	1.44	9.87	3.10	1.37	5.94	23.47	.54	.48	3.95	5.34	57.32	205.81	62
45.93	2.91	10.31	5.29	3.97	3.55	13.64	.98	2.29	4.54	10.99	54.70	215.18	63
28.88	2.75	8.61	2.99	1.43	1.43	10.03	.29	.45	2.11	14.02	194.28	248.55	64
51.15	1.58	10.29	4.59	3.23	8.12	19.88	.82	1.00	3.05	8.21	31.74	135.34	65
21.65	1.02	5.59	1.43	1.93	2.14	8.14	.45	.42	.28	6.02	102.43	108.53	66
23.14	1.22	5.44	1.08	1.17	.26	12.74	.25	.47	12.45	5.93	79.08	86.69	67
24.14	1.15	5.58	1.55	1.25	-------	12.14	.76	.94	6.27	2.32	32.40	53.74	68

Source: Bureau of the Census, Department of Commerce.

No. 219.—REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF CITIES OF 100,000 OR MORE INHABITANTS: BY SIZE GROUPS, 1932

	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
From taxes:								
General:								
Special property	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other special taxes	21,615	15,962	960	4,693	.57	.74	.19	.43
Business and nonbusiness license	90,501	58,804	17,444	14,253	2.40	2.72	3.41	1.30
Poll	2,393	415	210	1,768	.06	.02	.04	.16
Special assessments and special charges for outlays	101,851	62,782	13,773	25,296	2.70	2.90	2.69	2.31
Fines, forfeits, and escheats	9,227	5,483	1,405	2,339	.24	.25	.27	.21
Subventions and grants	180,938	115,622	27,912	37,404	4.79	5.34	5.45	3.41
Donations, gifts, and pension assessments	39,597	28,235	5,649	5,713	1.05	1.30	1.10	.52
[illegible]	111,013	84,461	12,807	13,745	2.94	3.90	2.50	1.25
[illegible]	70,094	41,705	12,502	15,887	1.86	1.93	2.44	1.45
[illegible]	242,430	145,174	32,150	65,106	6.42	6.71	6.28	5.93
Governmental-cost payments, total	2,842,621	1,883,288	392,850	566,483	75.33	87.01	76.72	51.64
Operation, maintenance, and interest, total	2,285,993	1,487,360	317,075	481,558	60.58	68.72	61.92	43.90
Operation and maintenance, total	1,931,202	1,251,067	271,552	408,643	51.18	57.80	53.03	37.25
General departments, total	1,806,517	1,174,259	253,766	378,492	47.87	54.25	49.56	34.50
General government	149,909	108,047	21,767	20,095	3.97	4.99	4.25	1.83
Protection to person and property	328,797	213,176	44,200	71,331	8.71	9.85	8.65	6.51
Health and sanitation	160,010	109,230	21,167	29,613	4.24	5.05	4.13	2.70
Highways	127,670	78,996	21,357	27,317	3.38	3.65	4.17	2.49
Charities, hospitals, and corrections	234,419	157,291	38,326	38,802	6.21	7.27	7.48	3.54
Education:								
Schools	607,090	369,014	81,994	156,082	16.09	17.05	16.01	14.23
Libraries	22,263	12,679	3,590	5,994	.59	.59	.70	.55
Recreation	63,117	42,449	8,681	11,987	1.67	1.96	1.70	1.09
Miscellaneous	113,242	83,377	12,594	17,271	3.00	3.85	2.46	1.57
Public service enterprises	124,745	76,808	17,786	30,151	3.31	3.55	3.47	2.75
Interest	354,731	236,293	45,523	72,915	9.40	10.92	8.89	6.65
Outlays for permanent improvements	556,628	395,928	75,775	84,925	14.75	18.29	14.80	7.74

No. 220.—COMPARATIVE SUMMARY OF PER CAPITA NET REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS, AND DEBT OF 146 CITIES

NOTE.—See headnote, Table 205. 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 219 and 220: Bureau of the Census, Department of Commerce.

11. MONEY AND BANKING

No. 221.—COINAGE OF THE UNITED STATES MINTS: 1793 TO 1933

[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	5,970	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	130,264	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	120,901	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	260,169	63,861	4,729	1919	20,778	----------	11,068	9,709
1896-1900	546,055	411,684	127,018	7,352	1920	50,214	16,990	25,057	8,167
1901-1905	589,215	475,645	102,769	10,801	1921	100,783	10,570	89,058	1,155
1906-1910	596,088	535,840	48,053	12,195	1922	165,077	80,680	84,325	72
1911-1915	218,388	176,535	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	826,838	535,005	281,167	10,666	1925	216,457	192,380	19,874	4,203
1926-1930	496,704	424,221	51,110	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					
1903	65,810	43,684	19,874	2,251	Total	6,095,532	4,526,218	1,427,876	141,438
1904	250,782	233,402	15,696	1,684					

[1] Figures for periods are totals, not annual averages.

No. 222.—MONEY IN CIRCULATION, BY KINDS

NOTE.—For total circulation for earlier years see Table 224

[All figures in millions and tenths of millions of dollars]

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:												
1917	4,066.4	666.5	1,082.9	71.8	468.4	2.0	193.7	68.4	311.6	506.8	3.7	690.6
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	4,876.6	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	158.8	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	54.0	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	100.3	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	3,060.8	125.8	919.6
Dec. 31:												
1932	5,674.9	468.5	600.7	29.2	371.1	1.2	257.8	113.3	294.4	2,715.7	2.7	820.5
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

Source: Treasury Department.

No. 223.—STOCK OF MONEY IN THE UNITED STATES, BY KINDS

NOTE.—**Amounts in thousands of dollars.** Figures prior to 1890 have been revised from the best available data, but the older records, especially from 18[illegible] gold and silver those years are only estimates [illegible] of revised figures for June 30 of each year and [illegible] ments. In 1927, data were revised to include minor coins beginning 1906 (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

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	25,006	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	351,341	69,660	72,862	346,681				344,505	29.68
1883	1,472,494	542,732	152,048	74,960	346,681				356,073	36.86
1884	1,487,250	545,501	180,307	75,262	346,681				339,500	36.68
1885	1,537,434	588,097	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	76,406	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	77,840	346,681				167,928	38.54
1892	1,752,219	664,275	491,058	[illegible]	[illegible]				172,684	37.91
1893	1,738,808	597,698	538,301	[illegible]	[illegible]				178,714	34.37
1894	1,805,679	627,293	548,000	[illegible]	[illegible]				206,855	34.75
1895	1,819,360	636,256	547,777	[illegible]	[illegible]				211,691	34.97
1896	1,799,975	599,598	551,724	76,972	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	89,823	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	1,406,389	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	175,106	346,681	56,051			759,158	49.53
1914	3,797,825	1,890,657	568,272	[illegible]	[illegible]	[illegible]			750,672	49.78
1915	4,050,783	1,985,539	568,272	[illegible]	[illegible]	[illegible]	84,261		819,274	49.02
1916	4,541,730	2,444,636	568,271	[illegible]	[illegible]	[illegible]	176,168	9,000	744,175	53.83
1917	5,678,774	3,220,242	568,270	[illegible]	[illegible]	[illegible]	547,408	12,790	715,420	56.71
1918	6,906,237	3,162,808	499,516	[illegible]	[illegible]	[illegible]	1,847,580	15,444	724,205	45.80
1919	7,688,413	3,113,306	308,146	[illegible]	[illegible]	[illegible]	2,687,557	187,607	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	2,555,062	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	539,962	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	3,260	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	3,918,396	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
Dec. 31:										
1932	9,704,030	4,513,001	540,008	306,694	346,681	126,607	2,987,015	2,694	881,331	46.51
1933	10,209,624	4,322,599	540,007	299,954	346,681	126,812	3,349,807	236,250	987,514	42.34

[1] Does not include gold bullion and foreign coin outside of the vaults of the Treasury, Federal reserve banks, and [illegible]

[2] The [illegible] the account of Federal reserve banks.

[3] Silv[illegible] Treasury. to any extent since 1878.

Source: Treasury Department.

No. 224.—MONEY IN CIRCULATION, HELD IN TREASURY AND IN FEDERAL RESERVE SYSTEM, AND TOTAL STOCK

NOTE.—All figures except per capita [illegible]. In conformity with revisions in the form of circulation statement in 1922 [illegible] have been compiled to include in the holdings of F[illegible]s and [illegible] of money, gold bullion and foreign coin held by [illegible] and bullion held abroad for the account of Federal reserve banks, and also to incl[illegible] 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. As to other revisions, see headnote, Table 223. Per capita figures are on basis of population estimates of the Treasury Department

June 30 (except as indicated)	Stock of money in the United States	Money held in the Treasury					Money outside of the Treasury		
		Total	In trust against gold and silver certificates [1]	Reserve against United States notes [1]	Held for Federal reserve banks and agents	All other money	Held by Federal reserve banks and agents	In circulation	
								Amount	Per capita (dollars)
1800	28,000	1,500				1,500		26,500	4.99
1810	58,000	3,000				3,000		55,000	7.60
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	3,664				3,664		186,305	10.91
1850	285,367	6,605				6,605		278,762	12.02
1860	442,102	6,695				6,695		[2] 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
1893	1,738,808	702,429	560,322	96,520		45,587		1,596,701	24.07
1894	1,505,079	672,282	528,012	64,977		79,294		1,660,809	24.56
1895	1,819,360	701,330	483,947	100,000		117,391		1,601,968	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	2,190,094	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	1,845,570	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	32.96
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	2,003,391	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	906,673	152,979	1,416,086	432,074	810,636	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	2,921,089	919,643	152,979	1,537,857	310,610	1,262,089	4,910,992	45.29
1922	8,276,070	3,515,583	1,000,578	152,979	2,108,887	253,139	1,297,893	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	1,628,139	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	2,096,205	155,421	1,712,003	195,427	1,753,110	4,851,321	40.90
1928	8,118,091	3,725,050	1,986,761	156,039	1,387,650	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	1,796,239	91,211	1,741,087	4,521,988	36.71
1931	9,079,624	4,227,735	2,196,103	156,039	1,776,690	98,902	2,226,059	4,821,933	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	45.63
1933	10,078,417	3,797,692	1,711,721	156,039	1,771,486	158,446	2,271,682	5,720,764	45.51
Dec. 31:									
1932	9,704,030	3,712,282	1,821,943	156,039	1,577,904	156,396	2,138,750	5,674,941	45.31
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

[1] Both of these items include also reserve against Treasury notes of 1890. The first should be deducted from the totals for money held in the Treasury before combining them with total money outside of the Treasury to arrive at the stock of money in the United States.

[2] Includes total stock of silver dollars and subsidiary silver.

Source: Treasury Department.

No. 225.—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	2,059,486	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	314,128	387,100	540,160
Dec. 31, 1925	5,109,404	2,824,371	2,701,315	1,459,172	1,395,122	635,193	374,356	374,568
Dec. 31, 1926	5,150,081	2,947,853	2,818,539	1,380,983	1,335,055	636,628	380,988	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	228,084
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	251,398	363,844	729,467
Dec. 31, 1931	5,672,325	3,157,662	2,988,892	1,853,402	1,825,088	638,293	338,687	816,960
June 30, 1932	5,614,722	2,776,617	2,577,809	2,309,894	2,295,519	439,990	66,594	1,783,721
Dec. 31, 1932	6,114,988	3,331,200	3,150,671	2,144,876	2,128,015	234,032	33,123	1,855,142
June 30, 1933	6,530,666	3,813,339	3,543,186	2,219,587	2,212,028	163,684	48,015	1,997,652
Dec. 31, 1933	7,040,688	3,793,610	3,668,976	2,688,076	2,669,998	97,590	133,425	2,437,490
Boston:								
Dec. 31, 1930	376,727	211,365	201,269	95,851	89,328	13,238	25,315	49,925
Dec. 31, 1931	443,253	230,799	213,444	141,035	139,768	43,205	33,431	61,002
Dec. 31, 1932	393,203	227,945	211,384	111,914	110,729	11,813	2,248	96,668
Dec. 31, 1933	501,290	254,025	235,981	195,585	191,202	4,860	28,671	157,671
New York:								
Dec. 31, 1930	1,790,181	1,047,001	1,007,122	510,990	506,353	61,898	158,273	283,332
Dec. 31, 1931	1,737,909	881,477	843,738	646,929	637,015	149,951	163,393	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	900,007	40,691	22,258	836,755
[illegible]	391,515	247,426	238,552	86,587	83,973	25,663	3,496	54,204
	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	25,363	7,858	167,120
Cleveland:								
Dec. 31, 1930	483,337	286,567	278,471	130,357	127,072	37,216	25,931	62,925
Dec. 31, 1931	569,004	338,076	324,989	174,190	171,421	92,609	5,561	73,251
Dec. 31, 1932	512,146	266,071	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
Richmond:								
Dec. 31, 1930	216,941	120,124	113,220	49,669	47,609	22,766	10,936	13,907
Dec. 31, 1931	214,351	101,455	94,360	66,209	63,257	33,377	10,009	19,081
Dec. 31, 1932	202,301	97,482	89,319	66,399	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
Atlanta:								
Dec. 31, 1930	228,101	159,425	150,847	42,043	42,301	18,069	15,755	7,877
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
Chicago:								
Dec. 31, 1930	632,857	375,462	353,871	167,969	165,777	22,804	52,370	89,603
Dec. 31, 1931	929,290	625,870	596,593	228,447	225,569	74,496	42,052	105,531
Dec. 31, 1932	1,207,317	851,539	823,728	283,878	281,143	14,969	3,964	262,210
Dec. 31, 1933	1,439,779	914,286	880,970	454,763	455,487	4,053	14,091	437,343
St. Louis:								
Dec. 31, 1930	196,820	113,632	104,329	46,380	48,472	11,301	10,788	26,383
Dec. 31, 1931	188,112	101,816	88,053	56,492	57,688	16,886	12,823	27,099
Dec. 31, 1932	200,114	101,113	91,297	73,028	73,467	6,338	973	66,156
Dec. 31, 1933	297,560	174,337	163,253	97,578	99,308	1,415	4,693	93,200
[illegible]	124,264	68,669	64,411	40,128	39,522	3,576	8,411	27,302
Dec. 31, 1931	137,585	79,908	74,276	44,138	43,471	7,571	7,329	27,968
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	65,868
Kansas City:								
Dec. 31, 1930	199,078	99,571	92,371	63,609	59,624	15,042	12,971	31,611
Dec. 31, 1931	194,416	105,436	97,771	60,468	58,500	27,725	11,666	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
Dallas:								
Dec. 31, 1930	122,218	53,528	46,402	43,652	44,233	4,342	8,575	31,316
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
[illegible]	438,609	298,747	290,354	96,097	97,588	15,483	31,023	51,082
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	160,617	149,030	23,059	2,527	123,444
Dec. 31, 1933	480,594	266,387	249,462	188,509	186,230	1,439	18,460	166,331

[1] Includes [illegible]

[2] [illegible] re bank float.

Source: Federal Reserve Board.

No. 226.—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	216,641	43.3
Dec. 31, 1924	112,038	217,837	2,310,668	2,220,436	1,862,062		73.0
Dec. 31, 1925	117,237	220,310	2,257,388	2,212,098	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	2,530,640	2,436,777	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
June 30, 1932	154,812	259,421	2,028,263	1,982,127	2,794,963		57.6
Dec. 31, 1932	151,292	278,599	2,560,835	2,500,490	2,738,608		62.9
June 30, 1933	146,763	278,599	2,494,260	2,292,360		123,851	68.2
Dec. 31, 1933	144,693	277,080	2,864,550	2,729,442		208,997	63.8
Boston:							
Dec. 31, 1930	11,877	21,209	152,255	150,936	132,035		74.3
Dec. 31, 1931	11,749	20,039	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		19,976	63.0
New York:							
Dec. 31, 1930	65,578	80,575	1,077,847	1,062,276	384,976		71.6
Dec. 31, 1931	61,639	75,077	862,068	795,015	574,186		61.4
Dec. 31, 1932	58,619	85,058	1,271,867	1,256,951	587,566		57.5
Dec. 31, 1933	58,280	87,746	1,078,155	1,036,524		54,008	57.2
Philadelphia:							
Dec. 31, 1930	16,793	27,065	144,604	142,539	153,727		82.9
Dec. 31, 1931	16,600	26,486	135,490	123,039	269,372		60.0
Dec. 31, 1932	16,045	29,242	124,575	121,686	238,125		56.6
Dec. 31, 1933	15,917	27,973	139,257	129,225		20,390	60.9
Cleveland:							
Dec. 31, 1930	15,813	28,971	191,889	186,377	194,948		74.1
Dec. 31, 1931	14,630	27,640	165,102	147,646	320,335		69.6
Dec. 31, 1932	14,101	28,294	152,951	146,559	235,386		59.3
Dec. 31, 1933	12,404	28,236	192,193	182,299		26,091	63.4
Richmond:							
Dec. 31, 1930	5,801	12,114	61,673	60,820	100,515		74.1
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		4,523	71.1
Atlanta:							
Dec. 31, 1930	5,346	10,857	62,911	61,014	133,854		81.0
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		5,121	66.0
Chicago:							
Dec. 31, 1930	20,145	39,936	365,152	360,832	139,162		74.5
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	692,150		76.8
Dec. 31, 1933	12,790	40,429	513,673	494,813		28,737	70.4
St. Louis:							
Dec. 31, 1930	5,053	10,562	71,351	69,521	84,599		72.9
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		8,067	68.6
Minneapolis:							
Dec. 31, 1930	3,063	7,144	49,998	48,447	53,558		66.3
Dec. 31, 1931	2,951	6,356	49,912	45,827	69,130		67.1
Dec. 31, 1932	2,885	7,019	39,037	37,760	80,967		49.2
Dec. 31, 1933	2,878	6,929	66,295	62,013		7,718	66.7
Kansas City:							
Dec. 31, 1930	4,311	8,702	89,529	87,705	68,424		63.0
Dec. 31, 1931	4,185	8,124	79,028	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		9,615	67.9
Dallas:							
Dec. 31, 1930	4,356	8,936	58,498	57,533	31,901		59.2
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		11,344	60.6
San Francisco:							
Dec. 31, 1930	11,504	18,475	191,426	182,583	185,839		79.2
Dec. 31, 1931	11,339	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		14,407	64.0

[1] Net liability. [2] Net deposits. [3] Due to member banks—net.

Source: Federal Reserve Board.

No. 227.—FEDERAL RESERVE BANKS: HOLDINGS OF BILLS BOUGHT IN OPEN MARKET AND FROM OTHER FEDERAL RESERVE BANKS, AS OF DECEMBER 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	84,624	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	5,698	-------	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
Boston	28,671	28,225	4,775	3,578	9,472	9,339	30	1,031	-------	446
New York	22,257	20,191	4,413	3,184	4,478	6,637	43	1,436	-------	2,066
Philadelphia	7,858	7,217	1,149	892	2,383	2,793	-------	-------	-------	641
Cleveland	12,186	11,589	1,712	2,765	3,793	2,409	232	678	-------	597
Richmond	3,926	3,690	744	681	1,130	641	12	482	-------	236
Atlanta	4,279	4,068	697	1,353	830	1,077	85	26	-------	211
Chicago	14,092	13,298	3,006	2,395	4,879	2,878	140	-------	-------	794
St. Louis	4,693	4,532	1,159	703	1,721	804	4	81	-------	161
Minneapolis	3,189	3,080	746	491	541	1,278	7	17	-------	109
Kansas City	4,566	4,391	781	850	750	1,979	4	27	-------	175
Dallas	9,248	9,073	1,509	1,637	2,874	2,636	263	154	-------	175
San Francisco	18,460	18,038	1,626	3,680	6,253	6,189	-------	290	-------	422

No. 228.—FEDERAL RESERVE BANKS: HOLDINGS OF UNITED STATES SECURITIES, AS OF DECEMBER 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	Chicago:				
1928	228.1	53.9	106.0	68.2	1931	105.5	53.4	2.9	49.3
1929	510.6	76.8	215.6	218.2	1932	262.2	40.8	34.3	187.1
1930	729.5	163.8	226.5	339.2	1933	437.3	77.0	177.2	183.2
1931	817.0	360.4	33.0	423.6	St. Louis:				
1932	1,855.1	421.9	299.7	1,133.6	1931	27.1	11.4	.8	14.9
1933	2,437.5	443.3	1,053.3	940.9	1932	66.2	13.9	11.3	40.9
Boston:					1933	93.2	14.5	41.9	36.8
1931	61.0	27.9	2.0	31.1	Minneapolis:				
1932	96.7	20.3	16.5	59.8	1931	27.7	15.8	.6	11.2
1933	157.7	24.4	71.0	62.3	1932	54.9	17.4	8.1	29.3
New York:					1933	65.7	16.3	26.3	23.1
1931	309.4	114.7	18.3	176.4	Kansas City:				
1932	733.4	187.3	118.7	427.4	1931	18.7	7.7	.5	10.5
1933	836.8	170.0	361.2	305.5	1932	57.3	11.8	9.8	35.6
Philadelphia:					1933	83.4	14.1	36.9	32.4
1931	68.7	33.7	1.8	33.1	Dallas:				
1932	139.3	31.2	23.4	84.7	1931	29.9	18.0	.5	11.3
1933	167.1	28.1	74.0	65.0	1932	45.7	17.3	6.2	22.3
Cleveland:					1933	66.5	18.5	25.5	22.4
1931	73.3	31.3	2.3	39.6	San Francisco:				
1932	181.7	36.7	33.9	111.1	1931	62.8	32.1	2.4	28.4
1933	213.0	32.2	96.3	84.6	1932	123.4	25.3	21.3	76.9
Richmond:					1933	166.3	25.1	75.2	66.0
1931	19.1	7.8	.6	10.7					
1932	47.1	9.6	8.1	29.4					
1933	78.6	11.9	35.5	31.2					

Source of Tables 227 and 228; Federal Reserve Board.

No. 229.—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		Demand and time advances to member banks under *sec. 10B* of F. R. Act	Loans to individuals, partnerships, and *corporations*
		Commercial and agricultural paper, n. e. s.[1]	Bankers' acceptances	Trade acceptances	Secured by U. S. Government obligations	Secured by U. S. Government obligations	Otherwise secured		
All F. R. banks:									
Dec. 31, 1921	1,144,346	631,038	338	9,985	41,511	443,722	17,752	----------	----------
Dec. 30, 1922	617,780	270,781	330	4,844	3,618	328,172	10,035	----------	----------
Dec. 31, 1923	723,068	355,816	233	7,042	3,919	349,766	6,292	----------	----------
Dec. 31, 1924	314,128	102,086	----------	3,353	1,276	185,564	21,849	----------	----------
Dec. 31, 1925	635,193	177,311	----------	3,357	1,872	380,279	72,374	----------	----------
Dec. 31, 1926	636,628	170,961	----------	2,812	1,111	364,169	97,575	----------	----------
Dec. 31, 1927	681,503	87,985	----------	1,400	163	417,566	74,389	----------	----------
Dec. 31, 1928	1,056,466	214,986	46	1,645	974	658,242	180,573	----------	----------
Dec. 31, 1929	632,421	171,078	31	2,177	755	352,773	105,607	----------	----------
Dec. 31, 1930	251,398	98,250	----------	1,412	447	88,990	62,299	----------	----------
Dec. 31, 1931	638,293	212,550	----------	2,355	3,591	317,535	102,262	----------	----------
Dec. 31, 1932	234,932	89,763	116	1,422	1,000	60,000	67,956	13,974	701
Dec. 31, 1933	97,590	19,740	----------	147	338	26,891	31,246	18,824	404
Boston	4,860	714	----------	26	20	2,695	1,405	----------	----------
New York	40,691	2,395	----------	34	----------	14,512	11,731	11,677	342
Philadelphia	25,363	6,201	----------	38	31	5,255	12,031	1,807	----------
Cleveland	6,876	2,498	----------	42	261	1,747	672	1,656	----------
Richmond	4,533	2,918	----------	1	13	417	584	574	26
Atlanta	4,184	1,028	----------	1	11	216	1,677	1,248	3
Chicago	4,053	1,167	----------	1	2	909	312	1,662	----------
St. Louis	1,415	----------	----------	----------	[2]	788	485	133	9
Minneapolis	1,872	1,149	----------	----------	----------	50	624	49	----------
Kansas City	1,421	745	----------	----------	----------	39	632	5	----------
Dallas	883	651	----------	----------	----------	164	63	5	----------
San Francisco	1,439	274	----------	4	----------	99	1,030	8	24

Bank and date	Total	*Maturity of discounted bills*					
		Within 15 days	16 to 30 days	31 to 60 days	61 to 90 days	After 90 days	Average for year[3]
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	18,335	26,413	17,343	10,434	12.39
Dec. 30, 1925	749,672	616,325	35,816	53,152	33,428	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	38,740	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	17,659	26,966	19,459	11,813	10.27
Dec. 30, 1931	1,023,883	851,308	39,895	61,106	51,407	20,167	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
Boston	6,858	6,395	160	151	139	13	14.81
New York	49,101	36,636	1,237	3,643	7,585	----------	7.21
Philadelphia	25,724	20,942	2,001	1,785	979	17	11.74
Cleveland	7,627	4,345	491	1,037	1,635	119	12.15
Richmond	4,490	2,715	760	690	265	60	7.75
Atlanta	4,834	3,769	353	455	251	6	23.32
Chicago	4,178	2,817	443	529	331	58	21.34
St. Louis	1,510	1,402	101	----------	7	----------	7.20
Minneapolis	2,034	970	143	276	273	372	35.62
Kansas City	1,559	780	125	179	118	357	28.73
Dallas	768	382	55	70	87	174	32.18
San Francisco	1,869	1,634	44	75	78	38	7.78

[1] Not elsewhere specified.
[2] Less than $500.
[3] Represents average maturity (in days) of all time bills discounted during year.

Source: Federal Reserve Board.

No. 230.—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	1930 [1]	1931 [1]	1932 [1]	1933 [1]	Division and State	1930 [1]	1931 [1]	1932 [1]	1933 [1]
United States	274, 566	335, 172	502, 251	248, 689	**South Atlantic—Contd.**				
New England	17, 819	17, 722	27, 640	11, 072	Virginia	7, 785	6, 805	9, 596	4, 786
Maine	1, 050	1, 509	3, 450	2, 344	West Virginia	4, 089	4, 749	5, 230	3, 440
New Hampshire	1, 598	1, 452	2, 558	993	North Carolina	5, 801	6, 654	3, 948	2, 149
Vermont	1, 172	964	2, 556	1, 002	South Carolina	1, 424	2, 465	2, 905	893
Massachusetts	9, 997	9, 264	12, 764	4, 567	Georgia	4, 167	4, 445	6, 903	2, 647
Rhode Island	477	811	801	278	Florida	1, 546	966	888	628
Connecticut	3, 525	3, 722	5, 511	1, 888	**East South Central**	21, 719	16, 930	18, 247	9, 527
Middle Atlantic	101, 317	125, 166	187, 156	120, 011	Kentucky	3, 393	3, 883	3, 404	1, 456
New York	51, 335	82, 394	69, 380	51, 902	Tennessee	6, 900	5, 354	6, 720	3, 971
New Jersey	15, 244	24, 202	47, 769	26, 100	Alabama	6, 693	5, 912	6, 611	3, 197
Pennsylvania	34, 738	48, 480	70, 007	42, 009	Mississippi	4, 733	1, 781	1, 512	903
East North Central	46, 903	58, 910	81, 866	38, 466	**West South Central**	22, 049	24, 706	24, 689	8, 193
Ohio	16, 711	26, 924	41, 423	24, 416	Arkansas	3, 444	2, 102	1, 243	418
Indiana	5, 268	4, 065	5, 695	3, 501	Louisiana	5, 702	7, 821	8, 965	2, 201
Illinois	8, 694	7, 344	11, 479	2, 069	Oklahoma	3, 930	4, 366	4, 135	1, 889
Michigan	12, 546	17, 229	18, 676	6, 960	Texas	8, 973	10, 417	10, 346	3, 595
Wisconsin	3, 684	3, 338	4, 593	1, 520	**Mountain**	5, 274	5, 498	13, 431	4, 237
West North Central	17, 771	21, 794	33, 779	11, 688	Montana	765	752	1, 853	593
Minnesota	1, 144	1, 574	4, 041	1, 833	Idaho	389	539	1, 203	256
Iowa	2, 782	3, 189	4, 855	1, 416	Wyoming	483	699	1, 857	577
Missouri	5, 203	6, 368	8, 772	2, 355	Colorado	1, 894	1, 650	3, 343	1, 788
North Dakota	745	707	1, 341	688	New Mexico	346	601	1, 275	337
South Dakota	951	1, 505	3, 354	2, 139	Arizona	33	87	542	84
Nebraska	3, 460	5, 387	6, 484	1, 744	Utah	1, 350	1, 146	2, 801	530
Kansas	3, 486	3, 064	4, 932	1, 508	Nevada	14	45	557	72
South Atlantic	28, 094	30, 998	36, 729	19, 008	**Pacific**	13, 620	33, 448	78, 714	26, 437
Delaware	714	579	736	431	Washington	2, 386	2, 129	6, 859	2, 566
Maryland	2, 042	3, 110	4, 491	2, 504	Oregon	2, 570	1, 584	3, 131	692
Dist. of Col	526	1, 225	2, 032	1, 530	California	8, 664	29, 735	68, 724	23, 229

[1] Figures given include borrowings by Federal intermediate credit banks as follows:

	1930	1931	1932	1933		1930	1931	1932	1933
Minnesota	-------	320	367	-------	Louisiana	8	389	467	-------
Missouri	-------	6	-------	-------	Texas	-------	-------	9	26
Nebraska	91	214	587	-------	Washington	73	368	208	3
Kansas	200	281	407	-------	California	247	411	280	-------
South Carolina	63	683	592	-------					

No. 231.—FEDERAL RESERVE GOLD SETTLEMENT FUND: Summary of Transactions Through the Fund, 1918 to 1933

[All figures in millions and tenths of millions of dollars]

Year	Balance at beginning of period	Daily settlements between Federal reserve banks		Inter-reserve bank transfers	Withdrawals	Deposits	Balance at end of period
		Transit clearings	Federal reserve note clearings				
1918	311.6	45, 439.5	(1)	4, 812.1	1, 614.7	1, 705.0	401.9
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	103, 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, 963.8	1, 970.0	417.4
1931	417.4	124, 137.3	540.1	1, 905.0	2, 729.0	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, 826.5	618.2

[1] Included in transit clearings.

Source of Tables 230 and 231: Federal Reserve Board.

No. 232.—FEDERAL RESERVE GOLD SETTLEMENT FUND: SUMMARY OF TRANSACTIONS THROUGH THE FUND, BY DISTRICTS, 1933

[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	340.3	75,725.4	75,725.4	614.4	614.4	2,575.0	2,575.0	4,548.6	4,826.5	618.2
Boston	14.4	5,554.0	5,736.6	58.2	41.8	273.7	102.4	246.6	256.4	19.2
New York	103.8	25,440.6	25,877.4	152.9	146.0	1,178.7	807.6	2,090.8	2,093.0	164.8
Philadelphia	20.3	5,694.8	5,742.7	60.6	54.7	132.5	52.0	221.1	250.3	10.9
Cleveland	31.2	5,456.9	5,524.1	68.1	49.6	181.8	147.6	201.7	218.5	62.5
Richmond	11.1	5,148.9	5,268.1	38.1	38.0	162.9	112.8	214.3	160.1	26.0
Atlanta	8.2	2,509.7	2,381.5	22.9	44.3	54.5	126.8	112.5	160.9	22.1
Chicago	92.7	10,763.9	10,452.6	89.2	122.7	390.8	599.3	808.6	945.5	160.4
St. Louis	14.0	4,089.5	4,019.9	37.4	38.5	60.0	181.2	197.7	168.0	37.0
Minneapolis	7.8	1,528.9	1,507.0	25.3	17.4	32.0	74.0	69.8	69.4	19.5
Kansas City	13.9	3,443.6	3,346.1	29.1	22.8	21.5	137.9	91.3	97.1	32.3
Dallas	7.2	2,718.4	2,694.2	11.8	12.4	29.0	73.0	95.8	100.9	32.9
San Francisco	15.8	3,376.3	3,175.2	21.0	26.1	57.6	160.5	198.5	306.4	30.6

Source: Federal Reserve Board.

No. 233.—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
Boston	134.0	----	----	243.9	228.0	118.1
New York	134.0	----	----	1,758.9	1,715.0	90.1
Philadelphia	73.7	----	----	213.1	208.3	68.9
Cleveland	121.5	----	4.0	196.5	181.5	110.5
Richmond	54.6	----	----	139.2	175.0	90.4
Atlanta	48.0	----	----	82.5	103.5	69.0
Chicago	437.0	----	----	877.0	705.0	265.0
St. Louis	49.3	----	----	145.0	191.9	96.2
Minneapolis	28.0	----	----	43.0	61.5	46.5
Kansas City	51.8	----	----	56.0	88.0	83.8
Dallas	8.4	----	----	78.2	90.3	20.5
San Francisco	97.3	----	----	197.0	190.5	90.8

[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. 234.—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. securities—issues, redemptions, and exchanges by fiscal agent department	Transfers of funds
						U. S. Government coupons paid	All other		
All F. R. banks:									
1926	37,682.1	3,353.3	12,585.0	475.0	272,945.2	644.3	6,219.4	4,971.4	120,909.4
1927	31,934.6	4,050.9	12,939.6	432.1	278,399.6	553.7	6,710.3	10,803.0	136,383.9
1928	62,413.0	4,240.7	13,315.6	461.1	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	536.6	7,186.4	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	198,880.9
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	360.3	176,591.8	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
Boston	265.9	95.7	1,075.2	40.4	10,205.8	38.9	528.7	1,128.7	3,339.1
New York	4,753.4	386.5	3,709.0	207.0	57,739.8	286.4	1,682.7	16,116.0	37,289.8
Philadelphia	1,070.0	37.2	825.1	40.2	14,936.6	35.0	289.7	715.0	3,406.1
Cleveland	848.8	31.8	676.4	25.9	13,734.8	56.7	405.9	681.8	3,304.1
Richmond	534.3	21.6	494.6	32.0	7,660.0	14.1	231.8	343.3	3,883.2
Atlanta	246.2	30.0	465.2	17.4	5,881.4	8.0	162.6	240.9	1,337.9
Chicago	435.9	127.1	2,495.3	136.8	16,928.3	67.0	996.5	3,554.7	13,194.5
St. Louis	195.7	28.0	460.2	19.5	7,561.2	18.4	291.4	418.3	2,920.6
Minneapolis	50.2	24.6	197.6	9.9	3,293.4	8.7	219.1	181.4	1,847.6
Kansas City	134.4	19.0	307.1	18.8	6,787.9	16.5	235.2	390.7	3,208.2
Dallas	52.9	15.9	192.9	10.7	4,461.6	5.6	196.4	253.8	2,910.6
San Francisco	1,045.1	80.6	811.8	66.0	8,642.9	22.8	299.7	598.1	8,417.5

No. 235.—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. securities
				Government coupons	All other		
All branches:							
1926	4,499,314	2,879,738	64,716,081	89,637	1,138,245	20,210,569	183,946
1927	4,071,580	2,809,343	64,724,395	79,933	1,150,370	22,240,987	384,349
1928	7,524,192	2,906,956	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	1,023,158	13,541,178	275,592
No. 2. Buffalo		206,555	1,764,755	2,379	35,946	1,183,810	630
No. 4. [illegible]		133,645	2,153,104	14,435	59,584	330,156	46,658
No. 5. [illegible] Charlotte		209,975	6,553,825	15,001	47,038	890,497	52,156
		251,809	2,514,583	8,060	103,682	822,780	79,142
No. 6. Birmingham		56,829	1,035,288	507	31,980	615,109	----------
Jacksonville	----------	43,020	794,696	276	10,656	67,439	----------
Nashville	----------	68,791	661,018	1,437	19,842	152,612	----------
New Orleans	----------	40,445	825,196	399	36,395	61,208	----------
No. 7. Detroit	56,599	102,207	1,162,879	2,406	43,708	336,612	27,698
No. 8. Little Rock	104,670	561,755	2,995,268	6,147	105,727	2,191,959	12,155
Louisville	7,809	30,153	392,904	386	31,903	130,737	415
Memphis	63,695	91,594	1,508,256	3,476	48,639	382,557	606
No. 9. Helena	38,661	61,809	713,173	843	48,971	352,222	491
No. 10. Denver	6,527	13,724	254,470	524	9,301	84,236	----------
Oklahoma City	[illegible]	63,022	1,164,156	3,778	39,336	471,359	5,447
Omaha	----------	36,788	1,422,151	534	20,525	130,484	729
No. 11. El Paso	26,420	46,927	1,094,416	2,423	59,871	635,190	4,785
Houston	4,276	16,382	224,352	310	10,425	130,220	----------
San Antonio	5,034	41,923	886,213	1,073	59,434	938,540	----------
No. 12. Los Angeles	4,952	43,827	576,685	703	28,499	279,020	----------
Portland	38,819	344,808	2,384,680	7,824	53,870	1,702,173	34,284
Salt Lake City	12,663	41,141	776,090	1,660	26,867	393,008	2,685
Seattle	20,415	31,732	615,999	875	38,844	359,544	1,899
Spokane	63,103	75,031	724,884	1,821	23,389	759,342	4,982
	17,185	17,460	429,735	555	22,721	134,364	830

Source of Tables 234 and 235: Federal Reserve Board.

No. 236.—FEDERAL RESERVE BANKS: DISCOUNT RATES IN EFFECT JANUARY 1, 1929, AND CHANGES TO DECEMBER 31, 1933

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, 1920	5	5	5	5	5	5	5	5	4½	4½	4½	4½
1929—Mar.											5	
May		6							5	5		5
Aug.		[1] 4½										
Nov.	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
	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	
	Advances to nonmember banks and trust companies under acts of Mar. 9 and 24, 1933											
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	
	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
	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

[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 5 percent was adopted Jan. 1, 1933, prior to which time the rate of 5½ percent was specified for each advance under sec. 10 (b).

Source: Federal Reserve Board.

No. 237.—FEDERAL RESERVE BANKS: AVERAGE ANNUAL RATE OF EARNINGS ON BILLS AND SECURITIES

NOTE.—Rate on "All classes" covers, besides [illegible] on a small amount of municipal warrants, Federal intermediate credit bank [illegible] 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
All banks:					Richmond:				
1920	5.50	5.88	5.66	2.21	1931	2.37	3.42	1.82	1.55
1921	5.61	6.07	5.70	2.37	1932	2.64	3.61	3.54	1.79
1922	4.11	4.63	3.54	3.67	1933	2.09	3.27	1.75	1.79
1923	4.33	4.46	4.14	4.01	Atlanta:				
1924	3.83	4.25	3.31	3.67	1931	2.41	3.12	1.85	1.79
1925	3.51	3.67	3.17	3.56	1932	2.69	3.55	3.33	1.78
1926	3.76	3.95	3.55	3.60	1933	2.09	3.65	1.13	1.77
1927	3.60	3.83	3.49	3.41	Chicago:				
1928	4.24	4.56	3.97	3.64	1931	2.30	3.10	2.01	2.14
1929	4.86	5.03	5.00	3.93	1932	2.04	3.25	3.88	1.71
1930	3.25	3.93	2.85	3.06	1933	1.74	3.69	1.34	1.68
1931	2.20	3.01	2.04	1.86	St. Louis:				
1932	2.33	3.43	3.93	1.84	1931	2.22	3.00	1.72	2.04
1933	1.98	3.23	1.49	1.83	1932	2.27	3.50	3.91	1.83
Boston:					1933	1.86	3.34	1.33	1.81
1931	1.91	2.78	1.97	1.62	Minneapolis:				
1932	2.23	3.53	4.13	1.73	1931	2.30	3.50	1.75	2.23
1933	1.86	2.83	1.71	1.80	1932	2.46	3.52	4.02	2.11
New York:					1933	2.13	3.41	1.28	2.03
1931	1.99	2.41	2.17	1.76	Kansas City:				
1932	2.15	3.03	3.89	1.89	1931	2.12	3.33	1.76	1.62
1933	1.99	2.71	1.55	1.89	1932	2.49	3.52	3.79	1.80
Philadelphia:					1933	1.94	2.94	1.17	1.82
1931	2.59	3.32	4.33	1.82	Dallas:				
1932	2.59	3.53	4.84	1.83	1931	2.49	3.41	1.96	2.23
1933	2.18	3.42	1.63	1.82	1932	2.65	3.64	4.10	2.20
Cleveland:					1933	2.14	3.55	1.80	2.03
1931	2.22	3.09	2.03	1.75	San Francisco:				
1932	2.39	3.53	4.66	1.81	1931	2.31	3.04	1.88	1.99
1933	2.04	3.45	2.28	1.81	1932	2.74	3.68	3.59	1.80
					1933	2.12	4.00	1.30	1.80

No. 238.—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	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	[1] *3,078*	329,875
1925	41,801	9,449	6,916	50	2,474	337,547
1926	47,600	16,612	7,329	818	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	[1] *2,293*	444,276
1931	29,701	2,972	10,030		[1 2] *7,058*	419,989
1932	50,019	22,314	9,282	2,011	[2] 11,021	429,891
1933	49,487	7,957	8,874		[1] *917*	422,375
Boston	2,774	26	646		[1] *620*	30,405
New York	17,524	6,198	3,510		2,688	146,026
Philadelphia	4,311	[3] *319*	950		[1] *1,269*	43,890
Cleveland	4,705	732	789		[1] *57*	40,640
Richmond	1,699	[3] *329*	308		[1] *637*	16,014
Atlanta	1,687	155	282		[1] *127*	14,867
Chicago	6,765	1,790	858		932	53,219
St. Louis	1,629	[3] *91*	247		[1] *337*	13,793
Minneapolis	1,498	82	171		[1] *89*	9,806
Kansas City	1,742	[3] *268*	250		[1] *519*	11,821
Dallas	1,251	[3] *448*	228		[1] *676*	11,762
San Francisco	3,902	429	635		[1] *206*	30,132

[1] [illegible]

[2] [illegible]

to [illegible]. U. S. bonds charged to surplus and returned direct

[3] [illegible]

Source of Tables 237 and 238: Federal Reserve Board.

No. 239.—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									
1922:									
June	15,242	11,024	3,909	7,115	4,218	11,138	3,349	1,405	130
December	16,006	11,445	4,123	7,322	4,561	11,146	3,720	1,383	392
1923:									
June	16,428	11,905	4,157	7,748	4,522	11,176	4,020	1,400	466
December	16,318	11,985	4,142	7,843	4,333	11,127	4,083	1,382	502
1924:									
June	16,816	12,249	4,310	7,939	4,567	11,773	4,391	1,539	131
December	18,465	13,087	4,917	8,170	5,378	13,184	4,855	1,691	145
1925:									
June	18,641	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	5,641	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	268
December	21,328	15,396	6,676	8,720	5,932	13,872	6,419	1,781	388
1928:									
March	21,502	15,370	6,586	8,784	6,133	13,579	6,689	1,726	362
June	22,063	15,871	6,962	8,909	6,193	13,450	6,923	1,740	796
September	21,871	15,898	6,840	9,059	5,973	13,049	6,831	1,699	822
December	22,189	16,253	7,198	9,055	5,936	13,399	6,842	1,748	799
1929:									
March	22,472	16,491	7,580	8,911	5,981	13,288	6,839	1,715	740
June	22,231	16,480	7,332	9,149	5,751	13,001	6,739	1,672	670
September	22,646	17,197	7,654	9,543	5,449	13,180	6,810	1,703	706
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	6,802	1,791	127
December	20,749	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	18,739	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	11,688	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	1,598	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	4,568	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	11,198	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	10,939	4,320	1,667	47
July	16,710	8,597	3,835	4,762	8,113	10,654	4,524	1,640	25
August	16,600	8,541	3,768	4,773	8,059	10,428	4,526	1,729	31
September	16,566	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	8,564	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

Source: Federal Reserve Board.

No. 240.—ALL MEMBER BANKS OF THE FEDERAL RESERVE SYSTEM: ASSETS AND LIABILITIES, AS OF DECEMBER 31

[All figures, except number of banks, in millions of dollars]

Call date (Dec. 31 except as indicated)	Loans and investments					Due from banks [2]	Capital, surplus, and undivided profits [3]	Total deposits	Demand deposits [4]	Time deposits [5]	United States deposits	Due to banks [6]	Net demand deposits	Net demand plus time deposits [7]	Reserve with Federal reserve banks	Bills payable and rediscounts	Number of banks
	Total	Loans [1]	Investments														
			Total	U. S. securities	Other securities												
All member banks:																	
1915	9,861	7,622	2,239	742	1,497	1,563	2,126	10,636	6,334	1,506	35	2,761	7,971	9,477	414	99	7,631
1920 (Dec. 29)	25,531	19,555	5,976	2,619	3,357	1,577	4,120	24,220	14,632	6,188	316	3,084	15,345	21,533	1,763	3,036	9,606
1924	28,746	19,933	8,813	3,874	4,939	2,339	4,532	32,384	17,788	9,805	242	4,548	18,468	28,273	2,228	408	9,587
1925	30,884	21,996	8,888	3,728	5,160	2,155	4,678	34,250	19,072	10,653	304	4,221	19,260	29,913	2,238	733	9,489
1926	31,642	22,652	8,990	3,389	5,601	2,066	4,944	34,528	18,800	11,440	234	4,054	18,922	30,362	2,210	760	9,260
1927	34,247	23,886	10,361	3,978	6,383	2,210	5,341	36,669	19,032	12,765	267	4,606	20,105	32,870	2,514	663	9,034
1928	35,684	25,155	10,529	4,312	6,217	2,124	5,899	39,075	21,111	13,453	262	4,249	19,944	33,397	2,409	1,162	8,837
1929	35,934	26,150	9,784	3,863	5,921	2,168	6,709	38,014	20,489	13,233	143	4,148	19,797	33,030	2,374	879	8,522
1930	34,860	23,870	10,989	4,125	6,864	2,456	6,593	37,117	18,746	13,546	267	4,557	18,969	32,516	2,475	355	8,052
1931	30,575	19,261	11,314	5,319	5,996	1,662	5,999	30,746	15,704	11,316	412	3,314	16,067	27,383	1,975	839	7,246
1932	27,469	15,204	12,265	6,540	5,726	2,416	5,409	28,743	13,778	10,550	475	3,940	15,193	25,743	2,511	547	6,816
1933 [9]	25,220	12,833	12,386	7,254	5,132	1,969	4,962	27,181	13,782	9,125	967	3,307	14,821	23,946	2,678	143	6,011
New York City:																	
1929	8,774	6,683	2,091	1,112	979	179	2,105	10,206	7,165	1,336	20	1,695	6,418	7,754	827	179	56
1930	8,582	6,147	2,435	1,239	1,197	145	2,045	9,690	6,457	1,296	37	1,900	6,405	7,701	899	37	48
1931	7,460	4,763	2,697	1,768	928	105	1,863	7,817	5,464	830	167	1,357	5,561	6,392	665	61	39
1932	7,327	3,538	3,789	2,603	1,186	115	1,711	7,751	4,810	937	173	1,831	6,020	6,957	1,132	13	37
1933 [9]	6,995	3,453	3,542	2,362	1,179	93	1,630	7,298	4,801	748	422	1,326	5,571	6,319	903	5	36
Chicago:																	
1929	1,757	1,448	309	116	193	133	316	1,879	1,115	419	8	337	1,187	1,605	169	41	17
1930	1,861	1,344	518	240	277	194	320	2,047	1,120	510	25	391	1,242	1,752	210	-------	14
1931	1,517	1,038	480	288	191	122	270	1,624	913	389	16	306	1,034	1,423	160	-------	12
1932	1,045	631	414	228	186	294	195	1,509	888	319	18	283	926	1,245	284	(8)	11
1933 [9]	1,259	604	655	386	269	199	203	1,720	1,049	359	41	272	1,083	1,442	345	-------	28
Other reserve cities:																	
1929	12,029	9,084	2,944	1,368	1,576	947	2,029	12,889	6,260	4,888	76	1,665	6,291	11,179	751	292	458
1930	11,897	8,379	3,517	1,486	2,031	1,142	1,999	13,029	5,837	5,202	152	1,838	6,042	11,244	771	75	402
1931	10,598	6,852	3,746	1,844	1,902	751	1,886	10,889	4,949	4,456	169	1,316	5,121	9,576	652	337	352
1932	9,489	5,542	3,948	2,234	1,714	1,240	1,720	10,375	4,414	4,217	211	1,533	4,606	8,823	646	115	322
1933 [9]	8,898	4,553	4,344	2,823	1,522	935	1,595	9,932	4,460	3,653	393	1,426	4,722	8,375	857	16	299
Country banks:																	
1929	13,375	8,936	4,439	1,267	3,172	908	2,258	13,040	5,958	6,590	39	452	5,902	12,492	627	367	7,991
1930	12,519	8,001	4,519	1,159	3,359	975	2,228	12,351	5,332	6,538	53	428	5,280	11,819	595	244	7,588
1931	10,999	6,608	4,392	1,418	2,974	685	1,980	10,417	4,379	5,641	61	336	4,351	9,992	498	441	6,843
1932	9,607	5,493	4,114	1,474	2,640	767	1,783	9,108	3,666	5,076	72	293	3,641	8,717	448	418	6,446
1933 [9]	8,068	4,223	3,845	1,683	2,162	742	1,533	8,230	3,471	4,365	111	283	3,446	7,811	573	123	5,648

All member banks by districts:																	
Boston—																	
1932	1,948	1,107	841	428	413	221	376	2,040	1,009	797	26	208	1,014	1,811	120	19	367
1933 [9]	1,792	1,014	778	433	345	141	355	1,919	950	694	76	199	997	1,691	163	5	355
New York—																	
1932	10,045	5,066	4,979	2,966	2,013	268	2,177	10,334	5,780	2,425	198	1,931	6,992	9,417	1,255	120	827
1933 [9]	9,415	4,725	4,690	2,781	1,909	199	2,053	9,625	5,651	2,101	469	1,404	6,417	8,517	1,026	69	758
Philadelphia—																	
1932	2,355	1,313	1,043	410	633	188	534	2,209	934	1,008	38	229	972	1,980	123	85	693
1933 [9]	2,081	1,061	1,020	464	556	122	471	2,008	837	939	64	168	869	1,807	127	23	606
Cleveland—																	
1932	2,643	1,538	1,105	591	514	160	523	2,539	1,020	1,243	33	243	1,111	2,355	147	86	630
1933 [9]	2,099	1,033	1,065	673	392	133	449	2,111	894	997	62	158	927	1,924	172	10	544
Richmond—																	
1932	966	579	387	201	186	107	182	982	405	455	15	107	420	874	53	41	392
1933 [9]	936	489	447	292	155	107	171	1,054	468	435	26	125	495	930	95	6	373
Atlanta—																	
1932	845	516	329	178	151	119	166	862	357	357	45	104	364	721	49	48	323
1933 [9]	781	423	358	238	120	115	151	861	386	315	50	109	395	710	64	9	309
Chicago—																	
1932	2,907	1,851	1,056	512	544	453	507	3,482	1,667	1,373	37	404	1,691	3,064	410	50	792
1933 [9]	2,479	1,208	1,271	779	492	350	416	3,135	1,742	918	73	401	1,792	2,710	491	7	585
St. Louis—																	
1932	887	468	418	189	230	137	158	960	447	386	7	119	454	839	62	19	429
1933 [9]	792	382	411	226	184	100	132	905	456	305	21	123	481	786	97	4	362
Minneapolis—																	
1932	658	353	304	110	194	119	104	733	280	376	3	74	276	652	38	14	545
1933 [9]	631	299	332	166	166	110	99	741	315	327	5	94	324	651	60	2	502
Kansas City—																	
1932	870	441	429	214	215	237	147	1,072	556	320	8	189	559	878	69	13	785
1933 [9]	849	365	484	284	200	202	143	1,085	581	295	13	196	620	916	107	1	708
Dallas—																	
1932	647	402	245	141	104	149	139	736	422	191	20	103	420	612	47	9	584
1933 [9]	647	348	299	197	102	168	129	832	474	190	31	138	489	679	93	1	537
San Francisco—																	
1932	2,699	1,570	1,129	601	528	256	397	2,794	901	1,618	45	230	921	2,538	139	42	449
1933 [9]	2,717	1,486	1,231	720	510	221	394	2,904	1,027	1,609	77	192	1,016	2,625	183	5	372

[1] Includes rediscounts and overdrafts; excludes acceptances of other banks and bills of exchange sold with indorsement.
[2] Does not include items with Federal reserve banks in process of collection or amounts due from foreign banks or own foreign branches.
[3] Includes reserves for dividends, contingencies, etc., but excludes, beginning 1925, reserves for interest, taxes, and other expenses accrued and unpaid.
[4] Includes certified and cashiers' or treasurers' checks, and, beginning 1920, letters of credit and travelers' checks sold for cash.
[5] Includes postal-savings deposits, except that such deposits of State bank members are included with demand deposits for 1915.
[6] Includes amounts due to Federal reserve banks, foreign banks, and other banks and bankers; also amounts due to own foreign branches beginning 1927.
[7] Deposits subject to reserve requirements.
[8] Less than $500,000.
[9] Licensed banks only.

Source: Federal Reserve Board.

No. 241.—ALL MEMBER BANKS OF FEDERAL RESERVE SYSTEM: NUMBER, CAPITAL AND SURPLUS, AND TOTAL RESOURCES

NOTE.—All national banks, except those in Alaska and Hawaii, 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, 1918	8,692	7,762	930	2,713,630	1,953,840	759,790	28,245,710	20,535,553	7,710,157
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	9,606	8,125	1,481	3,325,962	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	19,935,224	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	5,437,242	3,265,036	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

[1] Licensed banks only.

No. 242.—ALL MEMBER BANKS: CLASSIFICATION OF LOANS AND INVESTMENTS ON DECEMBER 31

[All figures, except number of banks, in millions of dollars. Figures for 1933 are for licensed banks only]

	1930	1931	1932	1933	1933				
					Central reserve city banks	Other reserve city banks	Country banks	National banks	State member banks
Loans and investments, total	34,860	30,575	27,469	25,220	8,254	8,898	8,068	15,941	9,278
Loans, total[1]	23,870	19,261	15,204	12,833	4,057	4,553	4,223	8,066	4,747
Loans to customers, total[2]	21,637	18,359	14,349	11,602	3,088	4,353	4,161	7,552	4,050
To banks	631	790	444	287	169	80	38	188	99
On securities (exclusive of loans to banks)[2]	7,942	6,290	4,848	3,772	1,274	1,390	1,108	2,384	1,388
Real estate loans, total	3,234	3,038	2,862	2,359	177	1,121	1,061	1,335	1,024
On farm land	387	359	356	318	2	120	196	259	59
O[illegible]	2,847	2,678	2,505	2,041	175	1,001	865	1,076	965
All drafts)	9,831	8,242	6,195	5,184	1,467	1,762	1,955	3,645	1,530
Open market loans, total[3]	2,233	901	855	1,231	970	200	62	534	697
A[illegible]	736	327	498	391	245	106	40	219	172
L[illegible] York[4]	1,498	575	357	840	724	94	22	315	525
Investments, total	10,989	11,314	12,265	12,386	4,197	4,344	3,845	7,855	4,531
U.S. Government securities	4,125	5,319	6,540	7,254	2,749	2,823	1,683	4,462	2,792
Other securities, total	6,864	5,996	5,726	5,132	1,448	1,522	2,162	3,393	1,739
Domestic:									
Bonds	4,931	4,353	4,273	3,828	966	1,115	1,747	2,662	1,166
All other	1,218	1,102	1,003	991	386	333	271	496	494
Foreign	715	540	450	313	96	74	144	235	79
Number of banks	8,052	7,246	6,816	6,011	64	299	5,648	5,154	857

[1] [illegible]
[2] [illegible] ills of [illegible] h endorsement.
[3] [illegible] York, [illegible] anks.
[4] Loans on securities to brokers and dealers in secu[illegible] York [illegible] banks.

Source of Tables 241 and 242: Federal Reserve Board.

No. 243.—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							1932	
	1923	1925	1927	1929	1930	1931	1932	National banks	State members banks
Loans and investments [1]	26,207.0	29,673.9	32,756.0	35,727.1	35,395.4	33,431.8	28,522.5	17,818.6	10,703.9
Loans [1]	18,532.0	20,809.1	23,006.0	25,614.7	25,018.2	21,732.3	16,743.9	10,475.5	6,268.4
Investments [1]	7,675.0	8,864.8	9,749.9	10,112.5	10,377.2	11,699.5	11,778.6	7,343.1	4,435.5
Capital funds [1 2]	4,380.1	4,589.3	5,162.7	6,360.3	6,722.8	6,395.9	5,660.1	3,317.2	2,343.0
Gross earnings, total [3]	1,719.4	1,918.1	2,120.3	2,474.1	2,228.8	1,911.5	1,553.6	998.1	555.5
Interest earned	1,493.8	1,615.6	1,749.0	2,068.9	1,857.5	1,581.9	1,325.5	870.4	455.1
Expenses, total	1,232.7	1,367.3	1,515.7	1,683.7	1,604.3	1,335.4	1,143.4	748.6	394.8
Interest paid	590.1	669.1	737.6	823.5	771.0	600.0	473.1	319.5	153.6
Net earnings	486.7	550.8	604.6	790.4	624.4	576.1	410.2	249.5	160.7
Net losses	149.8	131.3	157.6	233.9	317.9	563.9	665.1	414.4	250.7
Net profits	336.9	419.5	447.0	556.5	306.5	12.3	[4] *254.9*	[4] *164.9*	[4] *90.0*
Dividends declared	257.9	272.7	312.7	408.6	372.0	335.8	245.1	135.1	110.0
Ratios:									
Loans and investments per $1 of capital funds	$5.98	$6.47	$6.34	$5.62	$5.26	$5.23	$5.04	$5.37	$4.57
Net profit per $100 of loans and investments	$1.29	$1.41	$1.36	$1.56	$0.87	$0.04	[4] *$0.89*	[4] *$0.93*	[4] *$0.84*
Net profit per $100 of capital funds	$7.69	$9.14	$8.66	$8.75	$4.56	$0.20	[4] *$4.50*	[4] *$4.97*	[4] *$3.84*

[1] Figures for call dates during the year.
[2] Net profits, including reserves for dividends and contingencies and, for 1923 also reserves for taxes, interest, and other expenses accrued.
[3] Prior to 1932, profits on securities sold were included in gross earnings; in 1932 such profits were deducted from losses.
[4] Net loss.

No. 244.—ALL REPORTING BANKS: NUMBER, LOANS, INVESTMENTS, AND DEPOSITS OF MEMBER AND NONMEMBER BANKS, CONTINENTAL UNITED STATES

NOTE.—All money figures in millions of dollars. Data include national banks, State commercial banks and trust companies, savings banks, and all private banks under State supervision

Date [1]	Number of banks			Loans			Investments			Deposits [2]		
	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks
1924—June 30	28,996	9,650	19,346	31,541	19,204	12,337	13,639	7,963	5,674	43,405	25,711	17,694
Dec. 31	28,806	9,587	19,219	32,458	19,933	12,525	14,724	8,813	5,911	45,835	27,836	17,999
1925—June 30	28,479	9,538	18,941	33,882	20,655	13,237	14,948	8,863	6,085	47,612	28,440	19,172
Dec. 31	28,257	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	16,373	9,818	6,555	51,662	31,269	20,393
Dec. 31	26,416	9,034	17,382	38,426	23,886	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	54,964	33,690	21,264
Dec. 31	22,769	8,052	14,717	38,135	23,870	14,264	18,074	10,989	7,085	53,039	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 [3]	14,530	5,606	8,924	22,215	12,858	9,357	17,874	11,928	5,946	38,011	23,338	14,673
Dec. 31 [3]	15,212	6,011	9,201	22,077	12,833	9,244	18,400	12,386	6,014	38,646	23,771	14,875

[1] Date of reports of member banks; data for nonmember banks are from reports of nearest available date.
[2] Exclusive of interbank deposits. Includes certified and officers' or treasurers' checks and letters of credit and travelers' checks sold for cash.
[3] Licensed banks only (banks operating on an unrestricted basis).

Source of Tables 243 and 244: Federal Reserve Board.

No. 245.—ALL REPORTING BANKS: NUMBER, RESOURCES, CAPITAL AND SURPLUS, AND DEPOSITS, ON OR ABOUT JUNE 30

NOTE.—See headnote, Table 246

[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	Demand and time deposits[1]
1890 (revised)	8,201	6,357.6	1,416.3	4,072.5	1923	30,178	54,034.9	5,851.9	39,983.6
1895	9,818	7,609.5	1,621.3	4,921.2	1924	29,348	57,144.7	6,081.6	42,903.8
1900	10,382	10,785.8	1,673.1	7,238.9	1925	28,841	62,057.0	6,343.0	46,715.2
1905	16,410	16,918.2	2,516.8	11,350.7	1926	28,146	64,893.4	6,745.3	48,826.6
1910	23,095	22,450.3	3,427.8	14,963.7	1927	27,061	68,132.6	7,141.0	51,062.1
1915	27,062	27,804.1	3,895.8	18,965.7	1928	26,213	71,574.3	7,671.1	53,244.7
1918	28,880	40,726.4	4,386.3	27,715.5	1929	25,330	72,172.5	8,408.7	53,157.9
1919	29,123	47,615.4	4,619.4	32,629.3	1930	24,079	74,020.1	8,858.4	53,681.1
1920	30,139	53,079.1	5,113.0	37,268.1	1931	22,071	70,209.1	8,462.8	50,485.6
1921	30,812	49,671.4	5,446.0	34,790.9	1932	19,163	57,245.1	7,375.9	41,180.0
1922	30,389	50,425.4	5,641.4	37,143.5	1933 [2]	14,624	51,301.9	6,270.9	36,676.6

[1] Exclusive of interbank demand deposits and U. S. deposits. For banks other than national, figures prior to 1931 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 254 and also headnote Table 246.

[2] Licensed banks (banks operating on an unrestricted basis).

Source: Comptroller of the Currency, Treasury Department.

No. 246.—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 for national banks and in recent years for other classes are as of June 30 or about June 30. In earlier years reports for banks other than national were of various dates. Figures for private banks, which include only those under State supervision and others voluntarily [illegible] 880, and for other banks except national for earlier years, especially 1875, 1880, an[illegible] Prior to 1910, figures for State banks include stock savings banks and loan and [illegible] number of States, and in some instances private banks. Deposits exclude interbank demand deposits and U. S. deposits; they also [illegible] beginning 1910, certified and cashiers' checks, items at one time included [illegible] deposits; they include postal savings

[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]	Number of banks	Total resources	Capital and surplus	Demand and time deposits[1]
	National banks				State (commercial) banks			
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] 56.9
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	833.7	620	354.9	109.6	208.8
1885	2,689	2,421.9	672.8	1,106.4	975	553.6	156.9	344.3
1890[4]	3,484	3,061.8	854.7	1,521.7	2,289	884.3	246.0	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	1,759.8	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	15,690	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	12,726.1
1929	7,536	27,440.2	3,106.4	18,821.4	14,437	16,824.3	1,960.3	12,816.5
1930	7,252	29,116.5	3,335.3	19,678.8	13,582	15,269.9	1,827.8	11,628.8
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

For footnotes see p. 235.

No. 246.—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			
1875	35	122.9	28.8	85.0				
1880	30	126.9	24.7	90.0	[7] 2,802		[2] [7] 76.1	[7] 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	683	2,866.0	524.4	1,980.9	1,028	165.2	29.4	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	935.7	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	13,994.8	1,678.0	10,074.2	467	164.1	19.3	123.2
1928	1,633	15,230.9	1,889.3	10,874.5	404	148.8	16.6	110.6
1929	1,608	16,155.2	2,395.8	10,959.5	391	156.5	19.4	107.2
1930	1,564	17,702.7	2,679.7	11,088.9	361	114.6	15.7	79.8
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 [6]	1,029	11,996.3	1,803.3	7,462.6	184	46.9	8.2	29.9
	Mutual savings banks [8] [9]				Stock savings banks [8]			
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	603	2,967.3	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	[5] 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	9,003.1	747	1,589.8	103.0	1,450.2
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

[1] See footnote 1, Table 245.
[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).
[7] Average for all private banks for the 6 months ended May 31, 1880, as reported to the Commissioner of Internal Revenue for taxation purposes.
[8] 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 258, p. 244.
[9] Figures given under "Capital and surplus" are surplus funds only.

Source: Comptroller of the Currency, Treasury Department.

No. 247.—ALL REPORTING BANKS:[1] SUMMARY, BY STATES, JUNE 30, 1933

[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	Demand deposits	Time deposits (including postal savings)
Grand total	14,624	51,301,908	22,387,818	17,930,663	2,761,945	6,917,108	15,258,765	21,417,811
Continental U. S.	14,565	50,986,698	22,220,296	17,875,006	2,759,868	6,871,785	15,172,606	21,307,256
New England	919	6,721,212	3,333,725	2,441,317	215,782	771,900	1,152,380	4,300,453
Maine	81	307,388	125,738	143,390	7,755	36,869	36,513	217,827
New Hampshire	112	294,403	119,921	149,401	2,872	37,493	27,861	214,859
Vermont	85	202,996	107,002	63,241	1,672	18,956	15,160	150,024
Massachusetts	397	4,108,765	2,054,454	1,440,981	148,171	457,885	773,691	2,520,004
Rhode Island	33	522,967	219,553	250,070	19,753	63,702	90,708	344,124
Connecticut	211	1,285,593	707,057	394,234	35,559	156,995	208,427	853,015
Middle Atlantic	2,268	25,294,920	10,901,198	9,362,495	1,316,678	3,650,048	7,391,911	10,095,269
New York	869	18,454,273	8,173,603	6,555,633	1,000,771	2,554,728	5,604,351	7,056,277
New Jersey	398	2,013,782	924,935	729,878	59,502	252,196	487,785	1,087,525
Pennsylvania	1,001	4,826,865	1,802,660	2,076,984	256,405	843,124	1,299,775	1,951,467
East North Central	2,652	6,180,986	2,618,214	1,822,363	501,239	772,212	2,320,424	1,986,549
Ohio	619	1,635,722	804,679	471,391	118,654	211,658	497,919	736,598
Indiana	492	626,772	220,937	146,194	13,886	75,432	228,602	157,645
Illinois	845	2,652,267	1,008,578	834,307	260,546	322,101	1,197,718	587,987
Michigan	295	689,739	315,389	205,849	49,617	87,792	218,546	265,911
Wisconsin	401	576,486	268,631	164,622	58,536	75,229	177,639	238,408
West North Central	3,314	2,861,484	1,089,851	973,623	97,516	355,158	1,182,622	906,239
Minnesota	668	790,836	303,105	281,038	28,739	82,777	244,391	341,471
Iowa	438	329,635	139,670	96,309	10,131	38,045	126,638	121,838
Missouri	646	1,011,304	360,732	370,600	28,681	132,867	494,424	241,632
North Dakota	193	68,384	29,547	20,933	2,156	9,677	20,794	31,251
South Dakota	212	83,407	32,663	29,293	2,456	11,408	32,237	28,285
Nebraska	384	236,687	90,603	75,870	13,272	29,654	98,201	62,054
Kansas	773	341,211	133,531	99,580	12,081	50,730	165,887	79,698
South Atlantic	1,399	2,608,172	1,069,960	901,427	178,828	399,418	837,374	1,008,377
Delaware	47	180,545	77,243	76,531	8,120	40,395	62,626	62,350
Maryland	135	591,271	195,714	294,046	36,311	72,258	140,291	312,022
Dist. of Columbia	20	257,694	89,057	90,000	16,970	35,900	109,587	83,737
Virginia	327	478,703	254,750	111,772	13,936	76,067	130,311	200,023
West Virginia	168	245,863	136,842	53,100	20,984	43,170	76,311	101,070
North Carolina	163	228,981	102,336	53,540	39,436	32,370	92,666	56,473
South Carolina	104	64,420	22,208	18,453	3,177	9,874	28,461	19,355
Georgia	292	338,935	148,477	86,121	26,129	59,117	107,586	104,202
Florida	143	221,760	43,333	117,864	8,765	30,267	89,535	69,085
East South Central	1,169	1,091,453	538,083	263,247	34,243	170,644	357,214	343,801
Kentucky	422	392,288	200,955	100,182	8,187	60,207	126,233	125,685
Tennessee	332	349,586	171,316	67,163	13,778	48,721	110,987	105,503
Alabama	203	211,268	98,367	57,299	8,575	43,700	66,963	64,055
Mississippi	212	138,311	61,445	38,603	3,703	18,016	53,031	48,558
West South Central	1,694	1,680,642	675,398	481,807	139,828	242,146	742,740	391,295
Arkansas	194	116,770	45,602	33,307	20,029	18,567	44,435	35,527
Louisiana	139	283,199	127,492	69,492	19,608	33,420	98,442	91,278
Oklahoma	404	321,195	108,799	119,907	20,145	42,482	150,835	84,236
Texas	957	959,478	393,505	259,101	80,046	147,677	449,028	180,254
Mountain	564	675,861	225,077	258,936	47,282	80,252	254,305	244,984
Montana	124	109,308	31,057	45,609	13,913	13,897	41,175	43,127
Idaho	86	52,846	15,478	20,753	1,612	6,050	22,851	18,142
Wyoming	64	49,895	21,833	13,315	2,986	6,853	19,920	17,866
Colorado	149	241,536	68,053	99,523	15,354	27,080	96,674	82,620
New Mexico	42	26,237	9,213	9,589	1,588	3,171	14,802	5,765
Arizona	19	52,349	15,427	22,061	5,714	6,444	19,765	22,691
Utah	69	129,464	60,034	42,177	4,955	15,534	32,080	49,702
Nevada	11	14,226	3,982	5,909	1,160	1,223	7,038	5,051
Pacific	586	3,871,988	1,768,790	1,369,791	233,472	430,007	933,656	2,030,219
Washington	183	356,822	132,865	143,282	25,659	44,798	107,523	148,197
Oregon	108	207,615	52,252	102,793	13,804	21,743	71,585	85,456
California	295	3,307,551	1,583,673	1,123,716	194,009	363,466	754,548	1,796,566
Alaska	15	11,995	3,982	4,865	----------	1,689	3,961	5,400
Hawaii	19	110,389	57,921	28,903	77	19,330	33,783	45,762
Puerto Rico	14	56,133	35,518	1,886	----------	5,817	15,719	12,115
Philippines	11	136,693	70,101	20,003	2,000	18,487	32,696	47,272

[1] Licensed banks (banks operating on an unrestricted basis).

Source: Comptroller of the Currency, Treasury Department.

No. 248.—ALL REPORTING BANKS: Classification of Loans and Investments as of June 30

[All figures in millions and tenths of millions of dollars]

	1930	1931	1932	1933 [1]
Loans and discounts, total [2]	40,510.1	35,210.5	28,089.9	22,387.8
Real estate loans, mortgages, deeds of trust, and other liens on real estate:				
On farm land	409.3	443.5	507.9	425.6
On other real estate	10,036.4	9,693.4	9,433.8	9,202.0
Loans secured by U. S. Government and other securities (exclusive of loans to banks)	11,533.0	9,111.3	6,011.1	4,693.5
Loans to banks	346.4	368.8	489.8	316.1
Com:				
in				
foreign countries	844.3	1,058.3	638.7	497.9
All other loans (including overdrafts)	17,340.7	14,535.2	11,008.7	7,252.8
Investments, total	17,944.7	20,060.2	18,223.2	17,930.7
United States Government securities	3,846.9	5,717.6	6,455.6	7,796.0
State, county, and municipal bonds	1,702.1	2,266.0	2,801.8	2,881.1
Railroad and other public-service corporation bonds	3,328.3	3,867.6	4,276.1	3,785.6
Stock of Federal reserve banks and	484.1	849.3	735.3	778.7
Foreign government bonds and oth	673.2	765.2	580.8	439.3
Other bonds, notes, warrants, etc	7,910.1	6,594.5	3,373.8	2,249.9

[1] Licensed banks (banks operating on an unrestricted basis). [2] Includes rediscounts and overdrafts.

No. 249.—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. [illegible] borrowed prior to 1903; thereafter, figures represent securities owned. [illegible] and deposits and U. S. deposits; they also exclude dividends [illegible] shiers' checks outstanding, items at one time included in [illegible] 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	1901	4,165	2,981	886	1,092	2,942	319
1869	1,619	686	466	549	574	293	1902	4,535	3,247	945	1,184	3,099	309
1870	1,612	719	453	562	542	291	1903	4,939	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	1,608	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	636	290	1910	7,145	5,456	1,576	1,857	5,071	676
1878	2,056	835	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	1,990	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	1,105	269	1918	7,705	10,165	3,837	2,279	10,006	682
1886	2,809	1,309	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	7,691	14,927	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	18,685	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	2,692	14,111	730

[1] Licensed banks (banks operating on an unrestricted basis).

Source of Tables 248 and 249: Comptroller of the Currency, Treasury Department.

No. 250.—NATIONAL BANKS: Principal Resources and Liabilities As of December 31

NOTE.—Data include banks in Alaska and Hawaii

[All figures in millions of dollars]

	1914	1918	1920	1922	1924	1925	1926	1927	1928
RESOURCES									
Total resources [1]	11,357	20,544	22,799	21,975	24,381	25,852	26,684	28,164	30,589
Loans and discounts [2 3]	6,363	10,447	13,544	11,552	12,218	13,423	13,487	14,647	15,291
United States Government securities owned	760	2,771	1,991	2,622	2,558	2,490	2,283	2,748	3,009
Other bonds, stocks, securities, etc., owned	1,305	1,776	1,986	2,344	3,073	3,248	3,508	4,152	4,119
Reserve with Federal reserve banks	262	1,180	1,185	1,221	1,394	1,377	1,359	1,509	1,496
Due from banks [4]	1,453	2,825	2,295	2,686	3,350	3,427	3,178	2,953	4,185
Cash in vault	735	522	494	392	410	390	353	361	388
LIABILITIES									
Capital stock	1,066	1,110	1,272	1,317	1,335	1,379	1,411	1,529	1,616
Surplus	727	845	1,020	1,076	1,089	1,167	1,217	1,314	1,490
Undivided profits [5]					442	476	477	531	492
Reserves for dividends, contingencies, etc. [5]	282	389	564	529					85
Reserves for interest, taxes, [illegible]					61	59	61	76	67
	849	677	694	724	715	648	646	650	650
Due to banks [6]	2,003	3,637	2,934	3,266	3,908	3,696	3,431	3,661	4,074
Demand deposits	4,934	8,991	9,501	9,529	10,326	11,112	10,730	11,230	11,781
Time deposits [7]	1,207	2,474	3,632	4,319	5,581	6,047	6,533	7,808	8,307
United States deposits [8]	72	313	212	304	153	193	138	169	180
Bills payable and rediscounts [9]	132	1,381	2,343	512	287	526	530	481	785

	1929	1930	1931	1932	1933 [9]			
					All banks	Central reserve cities	Other reserve cities	Country banks
RESOURCES								
Total resources [1]	28,882	28,800	24,662	23,311	21,747	5,176	8,489	8,083
Loans and discounts [2 3]	15,160	14,369	11,927	9,848	8,104	1,850	3,128	3,126
United States Government securities owned	2,612	2,655	3,176	3,761	4,469	951	2,121	1,398
Other bonds, stocks, securities, etc., owned	3,846	4,437	4,025	3,823	3,402	739	966	1,696
Reserve with Federal reserve banks	1,348	1,460	1,138	1,626	1,747	664	620	463
Due from banks [4]	3,413	3,338	2,293	2,518	2,313	476	1,089	749
Cash in vault	393	409	380	309	343	44	116	184
LIABILITIES								
Capital stock	1,704	1,722	1,621	1,634	1,588	413	550	625
Surplus	1,548	1,548	1,382	1,173	881	185	299	396
Undivided profits—net	497	516	352	270	236	32	92	112
Reserves for dividends, contingencies, etc. [10]	92	109	171	167	197	91	77	29
Reserves for interest, taxes, etc., accrued	72	64	53	46	45	20	15	10
Circulation outstanding	646	643	627	780	779	64	276	439
Due to banks [6]	3,143	3,342	2,301	2,612	2,290	812	1,218	260
[illegible]	11,089	10,639	9,071	8,277	8,352	2,555	3,129	2,668
[illegible]	8,434	8,727	7,610	7,377	6,393	587	2,448	3,359
Bills payable and rediscounts [9]	103	163	261	253	555	178	291	86
	546	256	555	349	82	[illegible]	8	74

[1] Includes unspecified items. [2] Includes rediscounts and overdrafts.

[3] Excludes acceptances of other [illegible] ts sold with indorsement beginning 1922.

[4] Includes exchanges for clearin[illegible] banks and, beginning 1918, items with the Federal reserve banks in process of collection. The figure for 1914 includes $584,000,000 due from ap[illegible]

[illegible] etc., included in undivided profits prior to 1928.

[6] [illegible] cash letters of credit and travelers' checks, and, beginning 1927, divi[illegible]

[7] [illegible] [8] Exclusive of postal savings.

[9] [illegible] [10] Reserves for contingencies in 1932 and 1933.

Source: Comptroller of the Currency, Treasury Department.

No. 251—NATIONAL BANKS[1]: SUMMARY, BY STATES, DECEMBER 31, 1933

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	**5,159**	**21,747,483**	**8,104,209**	**7,870,772**	**1,747,364**	**2,704,942**	**778,566**	**8,351,967**	**6,392,922**
Continental U. S.	**5,154**	**21,703,865**	**8,086,335**	**7,855,161**	**1,747,364**	**2,699,392**	**775,270**	**8,338,250**	**6,375,155**
New England	**329**	**1,932,151**	**805,574**	**631,253**	**133,686**	**264,352**	**47,911**	**771,555**	**526,171**
Maine	40	114,174	37,361	46,282	14,197	14,254	3,778	30,261	59,777
New Hampshire	52	71,494	29,082	27,496	3,645	12,508	4,908	27,058	20,447
Vermont	40	50,090	21,866	19,498	2,500	8,675	3,808	10,373	24,814
Massachusetts	133	1,385,200	577,109	436,910	100,326	182,264	20,964	583,554	314,839
Rhode Island	10	48,782	21,481	20,362	1,825	10,417	4,070	16,681	14,732
Connecticut	54	262,411	118,675	80,705	11,193	36,234	10,383	103,628	91,562
Middle Atlantic	**1,311**	**7,710,126**	**2,884,586**	**3,014,147**	**575,598**	**1,063,376**	**236,880**	**2,931,024**	**2,056,848**
New York	444	4,614,489	1,717,495	1,706,814	418,620	613,365	108,301	2,031,445	793,783
New Jersey	225	706,145	281,789	286,955	30,543	87,077	28,227	206,834	342,292
Pennsylvania	642	2,389,492	885,302	1,020,378	126,435	362,934	100,352	692,745	920,773
East North Central	**764**	**3,686,700**	**1,272,585**	**1,250,412**	**446,413**	**417,406**	**105,032**	**1,641,508**	**959,991**
Ohio	227	728,493	289,179	266,565	40,701	100,650	38,057	284,903	239,346
Indiana	113	264,256	80,591	94,170	22,764	33,023	13,968	111,140	73,076
Illinois	263	1,911,126	616,083	593,065	321,770	191,562	22,718	947,460	392,537
Michigan	70	427,092	144,357	170,569	36,334	48,932	8,379	173,595	129,992
Wisconsin	91	355,733	142,375	126,043	24,844	43,239	21,910	124,401	125,040
West North Central	**851**	**1,696,678**	**555,470**	**621,451**	**143,960**	**177,697**	**57,681**	**699,683**	**458,513**
Minnesota	205	582,545	207,215	205,092	41,670	59,599	20,813	208,623	192,180
Iowa	106	167,592	55,707	57,955	15,280	18,438	6,909	71,761	43,541
Missouri	86	461,260	139,298	173,384	51,061	43,022	8,018	208,844	94,678
North Dakota	68	52,494	18,311	20,764	2,835	6,406	2,453	16,943	23,953
South Dakota	63	47,596	15,564	21,594	2,477	5,901	1,680	18,079	18,129
Nebraska	128	192,580	62,474	71,439	15,632	20,706	8,021	82,787	43,095
Kansas	195	192,611	56,901	71,223	15,005	23,625	9,778	92,646	42,937
South Atlantic	**433**	**1,393,564**	**499,891**	**526,918**	**97,929**	**174,217**	**73,893**	**482,549**	**464,452**
Delaware	15	20,830	8,872	8,978	698	4,952	1,155	4,078	8,797
Maryland	59	249,515	58,302	129,459	27,997	26,420	9,042	76,794	89,411
Dist. of Col.	9	155,544	42,739	64,625	15,811	15,351	5,911	71,818	44,795
[illegible]	129	310,974	151,249	89,255	16,387	43,357	19,667	88,568	124,380
[illegible]	69	130,468	63,045	35,889	6,906	19,557	9,085	43,355	49,481
[illegible]	40	69,298	28,429	18,652	5,099	11,450	4,189	30,904	18,909
South Carolina	16	40,992	11,861	14,672	2,828	5,124	2,356	18,317	9,903
Georgia	50	240,611	100,129	72,799	12,314	27,429	12,424	77,124	66,747
Florida	46	175,332	35,265	92,589	9,889	20,577	10,064	70,691	52,029
East South Central	**254**	**678,670**	**285,417**	**205,702**	**45,515**	**92,564**	**40,814**	**230,051**	**205,802**
Kentucky	92	177,135	76,372	58,362	11,621	23,070	10,095	65,285	54,882
Tennessee	69	267,153	113,098	75,532	17,554	31,966	16,190	85,655	81,980
Alabama	69	180,792	75,270	53,629	11,536	31,278	11,958	60,241	48,548
Mississippi	24	53,590	20,677	18,179	4,804	6,250	2,571	18,870	20,392
West South Central	**734**	**1,485,671**	**505,410**	**464,532**	**131,582**	**176,735**	**71,871**	**650,969**	**311,909**
Arkansas	46	63,507	22,613	23,991	5,643	8,660	3,631	22,358	23,138
Louisiana	28	211,403	87,682	60,650	16,056	20,123	8,633	78,524	57,005
Oklahoma	217	309,951	88,448	115,965	26,073	37,296	14,160	144,255	74,290
Texas	445	900,810	306,667	263,926	83,810	110,656	45,447	405,832	157,476
Mountain	**225**	**456,782**	**115,309**	**192,595**	**38,321**	**46,245**	**18,727**	**192,684**	**151,942**
Montana	47	69,304	15,078	31,979	5,552	7,785	2,084	28,097	26,833
Idaho	25	25,071	5,729	9,725	2,659	2,513	1,043	12,525	7,505
Wyoming	25	35,539	12,794	11,069	3,320	4,246	1,562	14,994	12,083
Colorado	74	210,000	49,502	90,132	18,169	20,175	8,230	86,423	68,713
New Mexico	25	27,511	7,682	10,461	2,657	2,981	1,407	15,804	5,943
Arizona	8	22,312	4,840	11,076	1,352	2,260	1,311	8,671	8,814
Utah	14	53,821	16,926	21,576	3,807	5,401	2,620	19,915	17,415
Nevada	7	12,604	2,758	6,577	805	884	470	6,255	4,636
Pacific	**253**	**2,663,543**	**1,162,093**	**948,151**	**134,360**	**286,800**	**122,461**	**738,227**	**1,239,527**
Washington	68	258,943	76,843	117,919	17,191	30,323	16,634	99,976	75,581
Oregon	51	183,273	45,508	91,906	12,902	16,017	9,063	65,783	74,776
California	134	2,221,327	1,039,742	738,324	104,267	240,460	96,764	572,468	1,089,170
New York City[3]	*10*	*3,619,903*	*1,358,387*	*1,246,598*	*372,689*	*483,995*	*61,818*	*1,748,266*	*317,592*
Chicago[3]	*12*	*1,556,690*	*511,593*	*443,561*	*291,353*	*145,920*	*2,550*	*806,306*	*269,132*
Alaska	4	4,685	1,183	1,979		542	173	1,834	1,775
Hawaii	1	38,933	16,691	13,632		5,008	3,123	11,883	15,992

[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. 252.—NATIONAL BANKS: Classification of Loans and Investments as of December 31

[All figures in millions and tenths of millions of dollars]

	1928	1930	1931	1932	1933
Loans and discounts, total [1]	15,291.3	14,369.4	11,926.8	9,847.7	8,104.2
Real estate loans, mortgages, deeds of trust, and other liens on real estate	1,293.6	1,576.2	1,684.9	1,641.0	1,339.7
On farm land	309.9	301.7	291.9	297.5	258.6
On other real estate	983.7	1,274.5	1,393.0	1,343.5	1,081.2
Loans secured by U.S. Government and other securities (exclusive of loans to banks)	5,527.3	5,112.8	3,883.0	3,198.1	2,707.7
Loans to banks and trust companies	402.3	407.8	433.2	310.3	188.6
On securities		190.9	244.1	166.4	105.9
All other		216.9	189.1	143.8	82.7
Commercial paper bought in open market	301.2	279.5	97.2	55.5	81.8
Acceptances of other banks payable in U.S.	94.7	169.6	69.1	153.1	104.9
Notes, bills, acceptances, and other instruments evidencing loans payable in foreign countries	61.3	35.4	24.8	20.6	32.5
All other loans, incl. reporting banks' own acceptances purchased or discounted and overdrafts	7,610.9	6,788.2	5,734.6	4,469.1	3,648.9
MEMORANDA					
Loans secured by U.S. Government obligations	135.6	118.0	124.0	92.7	127.7
Total loans eligible for rediscounts with Federal Reserve banks	3,008.7	2,490.9	1,826.9	1,518.9	1,440.6
Investments, total	7,127.3	7,092.1	7,201.4	7,583.4	7,870.8
United States Government securities	3,008.7	2,054.8	3,176.5	3,760.9	4,469.1
Other domestic:					
State and local government bonds	773.5	963.0	968.0	1,068.0	1,001.7
Railroad bonds	642.4	699.1	679.9	630.3	524.1
Other public service corporation bonds	720.8	815.6	721.3	653.0	530.7
All other bonds	952.4	907.5	766.8	671.5	523.8
Stock of Federal Reserve banks	92.3	99.9	94.9	93.5	86.4
Stock of other corporations	102.7	112.5	106.7	98.7	156.2
Claims, warrants, judgments, etc.	166.6	185.6	161.5	154.5	125.4
Collateral trust and other corporation notes	141.0	133.0	124.8	122.6	128.5
Foreign securities:					
Government bonds	265.4	254.4	198.3	176.6	136.4
All other, including bonds of municipalities, etc.	261.5	266.6	202.7	154.0	98.4

[1] Includes rediscounts and overdrafts.

No. 253.—NATIONAL BANKS: Dividends and Earnings

NOTE.—Ratios are based on [illegible] the end of the fiscal year. Net additions to profits are calculated [illegible] 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	Dividends to capital [2]	Dividends to capital [2] and surplus	Net addition to profits to capital [2] and surplus
1891–1895	62.7	49.0	7.3	5.4	6.9	1920	282.1	147.8	12.10	6.70	12.78
1896–1900	52.4	45.0	7.2	5.1	6.0	1921	216.1	158.2	12.42	6.88	9.40
1901–1905	102.2	64.0	9.2	6.2	10.0	1922	183.7	165.9	12.09	7.04	7.79
1906–1910 [3]	140.7	97.9	11.13	6.91	9.93	1923	203.5	179.2	13.48	7.47	8.48
1910	154.2	105.9	10.99	6.65	9.67	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	149.3	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	129.8	11.82	6.78	11.09	1932	*139.8* [4]	169.2	10.78	5.98	*4.94* [4]
1919	240.4	135.6	12.15	6.83	12.11	1933	*218.4* [4]	99.1	6.77	4.12	*9.08* [4]

[1] Mar. 1 prior to 1907.
[2] Common capital.
[3] Annual average for the period Mar. 1, 1905 to July 1, 1910.
[4] Deficit.

Source of Tables 252 and 253: Comptroller of the Currency, Treasury Department.

No. 254.—BANKS OTHER THAN NATIONAL: Principal Resources and Liabilities

Note.—Data relate in general to June 30. Banks in Alaska, Hawaii, Puerto Rico, and Philippine Islands are included

[All figures, except number of banks, in thousands of dollars]

	1915	1920	1925	1930	1931	1932
Number reporting	19,457	22,109	20,769	16,827	15,266	13,013
Resources	**16,008,445**	**29,667,855**	**37,706,174**	**44,903,585**	**42,566,451**	**34,877,420**
Loans and discounts [1]	9,093,528	17,263,796	21,073,990	25,612,904	22,025,225	17,803,476
Investments	3,813,563	7,201,060	9,669,569	11,056,557	12,385,316	11,026,589
Lawful reserve	1,644,964	2,712,040	1,392,046	2,011,426	1,984,093	1,524,366
Other amounts due from banks			2,088,561	1,640,656	1,779,575	1,350,369
Exchanges for clearing house, checks, and other cash items	126,589	533,952	1,042,599	1,587,148	1,092,344	553,898
Cash on hand	599,945	626,027	591,681	523,463	515,738	453,223
All other	729,856	1,330,980	1,847,628	2,471,431	2,784,160	2,165,499
Liabilities	**16,008,445**	**29,667,855**	**37,706,174**	**44,903,585**	**42,566,451**	**34,877,420**
Capital stock	1,094,322	1,478,473	1,800,276	2,145,445	1,982,335	1,748,881
Surplus	1,010,829	1,423,962	2,054,406	3,377,660	3,298,975	2,798,645
Undivided profits—net	325,022	429,473	525,728	608,931	566,536	414,077
Reserves for dividends, contingencies, etc., and for interest, taxes, etc., accrued and unpaid				216,922	262,461	324,882
Demand deposits	12,539,469	23,596,312	30,394,519	13,172,315	11,220,325	8,464,926
Time deposits [2]				20,712,790	20,579,771	17,508,749
Deposits not classified				117,199	19,240	8,000
United States deposits			39,119	41,758	212,963	211,038
Due to banks [3]	668,671	948,856	1,623,114	2,534,240	2,634,205	1,736,643
Bills payable and rediscounts	128,094	1,078,792	446,295	436,784	304,087	741,890
All other	242,037	711,987	822,717	1,539,532	1,485,553	919,689

	1933 [4]					
	Total	State banks	Loan and trust companies	Stock savings banks	Mutual savings banks	Private banks
Number reporting	9,722	7,714	1,029	219	576	184
Resources	**30,441,417**	**6,552,142**	**11,996,340**	**878,879**	**10,967,143**	**46,913**
Loans and discounts [1]	14,268,046	3,120,812	4,738,381	444,958	5,941,048	22,847
Investments	10,559,032	1,709,582	4,426,941	309,347	4,103,176	9,986
Lawful reserve	1,349,818	458,227	798,999	45,794	45,419	1,379
Other amounts due from banks	1,294,189	440,261	503,758	25,305	319,100	5,765
Exchanges for clearing house, checks, and other cash items	617,754	138,185	476,014	2,168	1,240	147
Cash on hand	384,078	183,310	126,050	10,655	62,781	1,282
All other	1,968,500	501,765	926,197	40,652	494,379	5,507
Liabilities	**30,441,417**	**6,552,142**	**11,996,340**	**878,879**	**10,967,143**	**46,913**
Capital stock paid in	1,383,804	554,517	793,651	30,863		4,863
Surplus	2,430,723	337,280	1,009,604	26,144	1,054,370	3,325
Undivided profits—net	410,646	90,925	168,814	5,363	144,687	857
Reserves for contingencies and for interest, taxes, etc., accrued and unpaid	338,154	97,671	221,391	4,170	13,857	1,065
Demand deposits	7,364,638	2,424,214	4,874,481	43,756	3,132	19,055
Time deposits [2]	15,200,894	2,140,489	2,588,093	751,607	9,709,861	10,844
Deposits not classified	27,016	5,638	18,587		20	2,771
United States deposits	410,738	91,290	311,073	8,366		
Due to banks [3]	1,756,069	377,567	1,375,686	2,480	239	97
Bills payable and rediscounts	386,028	229,231	134,296	5,412	16,271	818
All other	732,617	203,311	500,664	718	24,706	3,218

[1] Includes rediscounts and overdrafts.
[2] Includes postal savings.
[3] Includes certified and cashiers' checks and, beginning 1930, dividend checks and cash letters of credit and travelers' checks outstanding.
[4] Licensed banks (banks operating on an unrestricted basis).

Source: Comptroller of the Currency, Treasury Department.

No. 255.—CERTAIN MAJOR ITEMS OF SAVINGS OF THE UNITED STATES

N[illegible] deposits is for fiscal years ended June 30; [illegible] for calendar years for some States and [illegible] column should not be added to other [illegible] For example, savings banks and life-insurance [illegible] corporations. On the other hand, many forms of [illegible] not listed

Year	Increase in savings and other time deposits, all banks [1]	Increase in assets of building and loan associations	Premiums paid to life-insurance companies, less operating expenses			Additions to [illegible] [2]	New capital issues
			Total	Ordinary companies	Industrial companies		
1913	144	111	524	374	150	----------	----------
1920	2,148	408	931	613	318	----------	3,035
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	7,701
1928	2,322	860	2,296	1,372	924	2,479	8,114
1929	[3] *195*	679	2,430	1,433	997	2,320	10,183
1930	201	129	2,573	1,493	1,079	[3] *4,255*	7,023
1931	[3] *259*	[3] *412*	2,730	1,588	1,142	[3] *7,327*	3,116
1932	[3] *2,938*	[3] *667*	2,594	1,449	1,145	----------	1,102
1933	[3] *2,857*	[3] *773*	----------	----------	----------	----------	716

[1] See note 1, table 256.
[2] Net profit less cash dividends and income and profits tax as compiled from income-tax returns.
[3] Decrease.

Sources: See sources of Tables 181, 256, 262, 297, and 306.

No. 256.—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, and 2 in 1932 and 1933, 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]				[illegible] depositors			
	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	----------	7,891	----------	2,341
1912	8,404	3,609	3,260	1,536	----------	7,880	----------	2,075
1913	8,548	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	----------	7,043	----------	([5])
1916	9,459	4,102	3,641	1,716	----------	7,917	----------	([5])
1917	10,876	4,339	4,364	2,173	----------	8,051	----------	([5])
1918	11,535	4,382	4,817	2,336	----------	8,320	----------	([5])
1919	13,040	4,732	5,532	2,776	----------	9,040	----------	6,763
1920	15,189	5,058	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	----------	10,046	----------	9,899
1924	21,189	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	26,091	8,040	10,963	7,088	48,355	11,190	22,828	14,337
1928	28,413	8,608	11,695	8,050	[6] 53,188	11,643	25,364	16,181
1929	28,218	8,904	11,420	7,889	[6] 52,764	11,875	26,467	15,422
1930	28,479	9,206	11,176	8,097	[6] 52,720	12,077	25,115	15,537
1931	28,220	10,034	10,141	8,045	[6] 51,399	12,544	23,652	15,193
1932	24,281	10,040	7,283	6,958	[6] 44,352	12,735	17,520	14,097
1933	21,424	9,760	5,752	5,912	39,208	12,995	14,295	11,978

[1] Includes deposits in savings accounts, time certificates of deposit payable in 30 days or over, and postal savings.
[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 258.
[5] [illegible]
[6] [illegible] state chartered banks in States which did not previously report depositors as f[illegible] and Idaho, which reported 2,376,000 depositors for that year; beginning 1931, Missouri, which reported 623,000 depositors for that year; and in 1932, Colorado, which reported 50,000 depositors.

Source: American Bankers' Association.

No. 257.—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	1931	1932	1933	1932	1933
Continental U.S.	**6,835.5**	**15,188.6**	**23,134.1**	**28,478.6**	**28,219.6**	**24,281.3**	**21,424.2**	**44,352**	**39,268**
New England	1,480.6	2,639.9	3,750.2	4,832.3	4,950.7	4,521.6	4,284.4	6,902	6,479
Maine	128.6	204.6	265.7	319.3	326.1	301.5	217.6	641	447
New Hampshire	88.7	147.8	190.5	227.1	230.0	222.7	214.2	364	352
Vermont	74.3	133.1	173.4	205.1	199.1	182.2	155.5	312	273
Massachusetts	783.6	[2] 1,471.6	2,139.5	2,800.1	2,868.5	2,594.8	2,507.6	3,794	3,646
Rhode Island	123.9	215.4	290.2	372.6	388.3	357.8	340.9	396	383
Connecticut	281.5	467.5	681.9	908.2	938.7	862.8	848.6	1,395	1,379
Middle Atlantic	2,652.4	4,705.3	8,773.6	11,789.6	12,131.7	10,788.8	10,160.9	17,062	15,968
New York	1,825.3	2,807.8	5,546.1	7,616.2	7,901.8	7,336.2	7,034.0	9,434	9,383
New Jersey	284.4	676.9	1,040.0	1,397.3	1,413.5	1,209.1	1,109.6	2,629	2,274
Pennsylvania	592.7	1,320.6	2,187.5	2,776.1	2,816.4	2,243.5	2,017.3	4,998	4,310
East North Central	1,082.1	2,779.3	4,074.3	4,817.2	4,342.9	3,340.5	2,111.4	8,260	6,002
Ohio	334.0	811.9	1,164.1	1,410.8	1,375.0	1,017.7	781.2	2,325	2,095
Indiana	75.4	281.2	259.5	361.1	346.1	257.3	159.9	[3] 265	[3] 171
Illinois	351.7	685.1	1,258.6	1,366.9	1,135.1	835.6	583.9	2,377	1,827
Michigan	192.7	651.3	939.0	1,156.9	978.2	810.2	270.9	2,048	831
Wisconsin	128.3	349.8	453.1	521.5	508.6	419.7	315.4	1,243	1,079
West North Central	609.5	1,803.1	1,976.1	1,734.5	1,648.3	1,262.6	968.9	2,845	2,599
Minnesota	140.7	485.3	536.6	507.1	506.2	425.0	332.3	857	[4] 828
Iowa	194.6	551.4	524.9	465.2	420.2	256.0	169.3	521	[4] 459
Missouri	113.3	247.4	372.2	391.3	388.6	319.2	253.1	[4] 879	[4] 825
North Dakota	34.4	121.5	95.9	57.5	51.5	40.3	31.6	56	43
South Dakota	39.1	134.9	102.1	67.4	54.8	40.3	28.0	55	[4] 48
Nebraska	54.0	155.4	213.2	137.0	126.2	90.0	65.4	229	173
Kansas	33.4	107.2	131.2	109.0	100.8	91.8	79.2	248	222
South Atlantic	327.6	1,034.9	1,413.7	1,534.7	1,492.9	1,270.2	1,088.9	3,231	2,514
Delaware	11.5	35.9	50.1	63.1	64.0	62.8	62.2	122	119
Maryland	125.1	265.1	385.8	512.2	546.6	466.3	395.4	935	[4] 644
Dist. of Columbia	8.4	33.4	80.8	105.0	115.2	116.6	83.2	323	180
[illegible]	45.0	152.8	216.8	[4] 246.7	245.8	218.0	196.6	552	425
[illegible]	47.5	111.4	150.6	155.6	144.0	117.2	101.0	307	241
[illegible]	19.6	121.7	142.3	146.2	110.4	66.9	55.8	[4] 373	[4] 362
Georgia	25.8	112.0	112.0	76.9	65.9	34.3	21.3	78	45
Florida	29.2	137.5	132.0	141.4	127.4	116.1	103.9	359	328
	15.5	65.1	148.3	87.6	73.7	72.1	69.6	[4] 181	[4] 171
East South Central	80.2	321.7	506.9	594.0	495.7	398.2	337.8	832	805
Kentucky	35.6	96.1	[6] 176.4	[4] 212.2	176.2	141.5	124.3	329	287
Tennessee	24.9	104.2	155.2	186.5	159.4	126.6	99.6	[5] 180	[5] 187
Alabama	9.3	60.2	93.1	100.8	88.9	72.5	65.2	[4] 231	237
Mississippi	10.4	61.2	82.2	94.5	71.3	57.6	48.7	[4] 93	[4] 93
West South Central	65.7	311.6	440.1	557.4	529.8	435.8	382.9	936	1,078
Arkansas	6.4	34.3	65.2	77.2	55.9	42.9	37.7	86	77
Louisiana	31.8	99.5	123.3	144.1	141.2	121.5	91.3	392	[4] 559
Oklahoma	10.0	85.6	87.3	109.9	107.5	88.3	79.1	[4] 141	[4] 138
Texas	17.5	92.2	164.3	226.2	225.1	183.0	174.8	[4] 317	[4] 304
Mountain	105.1	348.2	331.2	375.3	367.3	286.0	242.0	672	550
Montana	14.3	75.5	55.8	69.2	61.2	50.1	43.8	76	[4] 71
Idaho	8.1	32.5	25.8	33.6	31.6	24.2	18.1	61	40
Wyoming	7.1	21.0	20.9	25.4	24.9	20.0	17.7	37	31
Colorado	42.2	102.9	116.3	112.4	113.1	97.8	82.7	213	188
New Mexico	5.6	13.2	7.3	11.9	11.5	9.7	5.7	[4] 20	10
Arizona	2.4	37.0	26.4	32.5	29.5	19.9	19.2	43	[4] 41
Utah	21.4	51.6	61.2	69.0	75.5	47.7	49.4	[4] 198	153
Nevada	4.0	14.5	17.5	21.3	20.4	16.6	5.4	23	[4] 17
Pacific	432.4	1,244.8	1,863.3	2,243.7	2,259.9	1,977.6	1,857.0	3,613	3,274
Washington	53.1	159.4	181.3	227.5	231.0	180.7	150.5	413	285
Oregon	22.6	76.1	105.9	123.4	122.1	97.8	88.2	255	210
California	356.7	1,009.3	1,576.1	1,892.8	1,906.8	1,699.1	1,618.3	2,946	2,779
Hawaii				53.5	44.3	43.2	45.3	172	166

[1] Includes demand certificates of deposit for national banks.
[2] Data for [illegible] banks as of Oct. 31.
[3] [illegible] banks only, data included for the latter being 1928 figures.
[4] Data for banks other than national are for the latest year available [illegible] klahoma, Texas, and Virginia, 1929; North Carolina and New Mexico, 1930; Alabam [illegible] Missouri, and Utah, 1931; Arizona, Iowa, Louisiana, Maryland, Minnesota, Monta [illegible] Dakota, 1932.
[5] National banks only.
[6] Includes 1924 data for State banks.

Source: American Bankers' Association.

No. 258.—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 256

[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	3,065.7
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	1,930.4	1910	7,482	3,360.6

Source: Comptroller of the Currency, Treasury Department.

No. 259.—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		
	1931	1932	1933	1931	1932	1933
Continental United States	12,544,423	12,734,892	12,994,834	10,034,022	10,039,958	9,760,221
New England	4,684,615	4,561,149	4,500,363	3,418,300	3,317,890	3,243,098
Maine	223,718	223,261	218,245	117,304	118,763	117,049
New Hampshire	274,670	268,828	265,655	183,863	179,223	175,759
Vermont	121,564	117,226	115,348	90,694	82,497	77,949
Massachusetts	2,938,298	2,848,601	2,806,667	2,165,835	2,095,250	2,047,876
Rhode Island	197,003	191,336	187,296	176,158	172,852	170,761
Connecticut	929,362	911,897	907,152	682,446	669,105	653,704
Middle Atlantic	7,011,950	7,316,339	7,651,974	6,014,553	6,130,754	5,967,160
New York	5,681,837	5,867,718	6,271,371	5,161,358	5,286,973	5,134,980
New Jersey	525,493	607,336	527,338	326,459	336,951	331,964
Pennsylvania	804,620	840,785	853,265	526,736	506,830	500,216
East North Central	195,637	195,399	184,334	150,764	139,732	131,168
Ohio	143,182	146,605	146,670	119,114	113,295	107,711
Indiana	[1] 33,374	[1] 33,374	[1] 33,374	23,883	19,381	18,012
Wisconsin	19,081	15,420	4,290	7,767	7,056	5,445
West North Central	106,856	100,509	[2] 100,509	67,017	62,680	57,693
Minnesota	106,856	100,509	[2] 100,509	67,017	62,680	57,693
South Atlantic	375,728	389,869	389,085	241,145	245,212	224,946
Delaware	49,201	49,091	48,307	27,104	27,779	27,817
Maryland	326,527	340,778	[2] 340,778	214,041	217,433	197,129
Pacific	169,637	171,627	168,569	144,243	143,890	136,156
Washington	99,439	99,285	97,101	57,521	53,026	46,767
California	70,198	72,342	71,281	86,722	90,864	89,355
Oregon			187			34

[1] 1926 figures.

[2] 1932 figures.

Source: American Bankers' Association.

No. 260.—SUMMARY OF POSTAL SAVINGS BUSINESS, 1912 TO 1933

NOTE.—In addition to main offices there were 817 branches and stations in operation on June 30, 1933. 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
1914	9,639	47,815,249	38,189,848	43,444,271	388,511	150,390	141,904	49,014	40,919,673
1915	8,332	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	126,426,019
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	76,671	63,230	61,844,062
1924	5,995	94,932,846	93,790,011	132,814,135	412,584	68,606	68,945	62,891	96,369,974
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	27,630	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	347,416,870	770,859	28,168	27,319	58,447	306,119,698
1932	6,743	860,195,852				36,356	34,455	60,347	681,726,891
1933	7,071	1,166,326,647				45,248	41,708	63,888	976,377,147

[1] Includes items shown on balance sheet as unclaimed not included in Table 261.

No. 261.—POSTAL SAVINGS DEPOSITS AND DEPOSITORS: BY STATES

State or Territory	Number of depositors, June 30, 1933	Balance to credit of depositors, June 30—	
		1932	1933
		Dollars	*Dollars*
Grand total	2,342,133	784,819,402	1,187,183,373
Cont'l U.S.	2,334,355	783,205,466	1,184,300,995
New England	80,363	43,673,761	53,091,022
Maine	2,815	713,030	1,339,088
New Hampshire	3,686	1,912,709	2,231,223
Vermont	757	234,296	400,442
Massachusetts	49,405	30,212,302	34,687,527
Rhode Island	3,773	1,430,306	1,934,973
Connecticut	19,927	9,171,118	12,497,769
Middle Atlantic	443,516	167,336,482	224,893,295
New York	263,366	81,779,461	122,959,420
New Jersey	60,833	24,645,687	36,744,966
Pennsylvania	119,317	50,911,334	65,188,909
East North Central	650,011	205,708,431	338,198,510
Ohio	123,457	41,337,438	65,479,487
Indiana	62,442	18,469,030	28,915,201
Illinois	272,768	96,431,919	140,173,669
Michigan	139,146	39,563,441	75,647,285
Wisconsin	52,198	9,906,603	27,982,868
West North Central	357,282	112,179,420	180,018,862
Minnesota	65,560	20,348,332	37,288,050
Iowa	103,852	32,022,366	52,351,527
Missouri	73,884	20,226,188	35,812,835
North Dakota	16,077	5,864,221	7,987,733
South Dakota	25,074	9,815,230	11,995,895
Nebraska	37,049	13,425,310	18,285,724
Kansas	35,786	10,477,773	16,297,098
South Atlantic	232,985	70,695,914	96,848,744
Delaware	1,277	407,108	522,546
Maryland	7,756	1,519,686	5,588,118
Dist. of Col.	17,441	1,745,597	7,662,739
Virginia	10,569	3,353,321	5,372,578
West Virginia	13,069	6,004,119	7,500,931
North Carolina	32,885	10,300,724	14,101,379
South Carolina	28,408	10,115,186	12,752,015
Georgia	29,366	9,374,163	13,475,007
Florida	92,214	27,876,010	29,873,431
East South Central	63,227	20,940,615	33,247,020
Kentucky	14,882	5,205,642	8,070,129
Tennessee	15,788	4,818,352	9,346,033
Alabama	20,660	6,854,092	9,491,543
Mississippi	11,897	4,062,529	6,339,315
West South Central	132,574	46,170,144	66,860,722
Arkansas	22,635	8,626,250	11,445,439
Louisiana	12,737	2,313,393	7,266,901
Oklahoma	41,071	14,948,029	20,382,698
Texas	56,131	20,282,472	27,765,684
Mountain	116,334	41,925,849	58,761,101
Montana	20,569	9,855,618	11,213,374
Idaho	18,332	5,451,009	7,766,124
Wyoming	8,760	3,884,445	4,534,418
Colorado	31,454	9,642,714	15,893,236
New Mexico	8,323	3,074,700	3,924,823
Arizona	16,427	6,107,877	7,654,900
Utah	6,744	2,763,562	3,627,149
Nevada	5,725	1,145,924	2,147,076
Pacific	258,083	84,574,850	134,881,720
Washington	70,125	25,480,737	33,201,362
Oregon	36,210	12,555,816	17,026,525
California	151,728	46,538,297	84,653,833
Alaska	1,144	815,379	870,407
Hawaii	1,634	137,900	438,397
Puerto Rico	4,808	620,164	1,032,644
Virgin Islands	192	40,493	40,930

Source of Tables 260 and 261: Report of the Postmaster General on the Postal Savings System.

No. 262.—BUILDING AND LOAN ASSOCIATIONS: NUMBER, MEMBERSHIP, AND ASSETS, CONTINENTAL UNITED STATES

NOTE.—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	Assets (1,000 dollars)	Year (see note)	Associations	Members	Assets (1,000 dollars)
1895	5,973	[1] 1,545,129	624,700	1922	10,009	6,364,144	3,342,531
1900	5,490	[1] 1,495,136	614,119	1923	10,744	7,202,880	3,942,940
1905	5,326	1,686,611	646,765	1924	11,844	8,554,352	4,765,937
1910	5,937	2,216,912	945,569	1925	12,403	9,886,997	5,509,176
1914	6,616	3,103,935	1,357,708	1926	12,626	10,665,705	6,334,104
1915	6,806	3,334,899	1,484,206	1927	12,800	11,308,061	7,156,207
1916	7,072	3,586,432	1,598,628	1928	12,666	11,995,905	8,016,034
1917	7,269	3,838,612	1,769,142	1929	12,342	12,111,209	8,695,154
1918	7,484	4,011,401	1,898,344	1930	11,767	12,336,754	8,824,119
1919	7,788	4,289,326	2,126,620	1931	11,432	11,324,698	8,412,369
1920	8,624	5,026,781	2,534,320	1932	10,986	10,102,258	7,745,282
1921	9,255	5,809,888	2,890,765	1933	10,716	9,196,093	6,972,243

State	Associations			Members			Assets (thousands of dollars)		
	1930	1931	1932	1930	1931	1932	1930	1931	1932
Maine	36	36	36	30,000	28,444	27,565	25,000	25,515	24,819
New Hampshire	29	29	29	17,670	17,625	16,613	13,793	14,217	14,076
Vermont	14	14	14	6,325	6,210	6,063	4,749	5,297	5,495
Massachusetts	227	227	227	513,431	499,523	467,829	562,718	560,103	527,361
Rhode Island	8	8	9	44,480	49,041	49,499	31,541	34,640	34,325
Connecticut	44	42	43	38,000	36,133	32,376	26,167	26,437	26,818
New York	307	302	299	595,865	585,471	531,216	440,729	443,252	423,676
New Jersey	1,561	1,559	1,553	1,108,177	1,107,731	985,470	1,211,942	1,201,974	1,146,109
Pennsylvania	3,445	3,268	2,957	1,540,585	1,236,297	941,682	1,371,223	1,250,692	1,044,256
Ohio	791	768	762	2,583,767	2,378,811	2,213,531	1,244,267	1,158,282	1,097,526
Indiana	398	386	388	429,447	400,800	375,700	306,870	288,584	270,858
Illinois	933	913	905	945,500	905,500	807,800	470,073	466,601	437,202
Michigan	67	66	66	210,722	219,174	218,235	167,200	165,270	152,933
Wisconsin	188	186	184	304,861	278,795	252,773	290,626	281,233	260,548
Minnesota	78	77	75	106,038	118,155	95,843	42,515	43,334	40,746
Iowa	74	76	74	65,343	66,405	62,320	49,708	48,104	44,850
Missouri	242	240	235	282,031	268,082	237,200	210,921	206,365	193,035
North Dakota	20	22	22	20,000	21,100	19,650	13,386	14,154	13,136
South Dakota	23	22	21	10,274	10,768	10,314	6,351	6,330	6,242
Nebraska	83	83	83	225,000	205,250	190,600	148,707	137,018	124,307
Kansas	155	152	151	210,283	193,771	174,482	132,363	126,320	116,163
Delaware	43	44	[2] 44	19,700	20,500	[2] 20,500	15,489	16,118	[2] 16,118
[illegible]	[3] 1,150	[3] 1,100	[3] 1,075	[3] 330,000	[3] 320,000	[3] 300,000	[3] 220,000	[3] 210,000	[3] 197,500
[illegible]	24	24	26	75,253	83,307	90,388	75,404	81,861	87,270
[illegible]	92	94	85	66,730	66,570	62,100	60,440	60,366	56,321
[illegible]	63	61	60	58,800	56,350	53,480	36,252	37,741	35,804
[illegible]	235	229	222	95,915	95,208	81,897	92,192	85,348	75,894
South Carolina	[3] 150	[3] 152	[3] 132	[3] 34,000	[3] 32,000	[3] 30,000	[3] 27,000	[3] 25,550	[3] 24,500
Georgia	37	40	40	16,731	18,419	18,893	6,039	7,015	7,265
Florida	68	67	65	13,500	12,400	11,400	17,829	15,976	14,369
Kentucky	161	159	161	182,900	187,000	181,800	118,928	121,822	118,476
Tennessee	41	40	[3] 40	25,100	24,970	[3] 23,470	18,399	18,497	[3] 17,387
Alabama	40	40	37	41,340	39,440	36,230	29,435	28,080	25,772
Mississippi	47	47	46	30,000	27,380	24,537	20,462	18,080	16,680
Arkansas	66	67	56	72,717	61,571	50,000	44,737	44,811	35,498
Louisiana	102	101	101	200,930	190,496	181,475	182,358	170,871	159,480
Oklahoma	82	80	82	255,000	214,678	129,330	139,804	126,343	113,251
Texas	154	145	144	184,760	174,550	157,215	134,743	127,286	114,631
Montana	27	27	27	45,163	37,903	32,767	21,235	20,920	19,151
Idaho	14	14	14	8,565	7,850	7,650	5,640	5,169	5,040
Wyoming	12	11	11	18,400	18,500	17,850	9,829	9,894	9,510
Colorado	68	67	58	121,854	85,870	55,000	60,034	59,137	38,472
New Mexico	18	18	17	5,350	5,250	4,950	5,111	5,016	4,717
Arizona	9	9	8	7,250	7,050	6,030	4,838	4,960	4,247
Utah	24	24	23	95,263	86,654	74,023	55,643	53,246	50,287
Nevada	4	3	3	2,890	1,440	1,665	2,076	1,027	1,184
Washington	73	66	66	298,844	220,256	205,038	108,261	72,896	64,974
Oregon	31	27	22	52,000	46,000	33,800	30,569	27,010	19,645
California	209	200	188	600,000	550,000	494,000	510,520	453,007	407,146
Hawaii [4]	10	10	11	14,174	14,003	12,534	4,493	5,007	5,209

[1] Total membership of local associations only; does not include national associations, membership of which declined to 44,484 in 1905; now extinct.

[2] Data for 1931. No report for 1932.

[3] Estimate.

[4] Not included in United States total.

Source: United States Building and Loan League.

No. 263.—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	1927	21		1,013
1921	6	92	1928	23		568
1922	4	159	1929	159		2,313
1923	9	133	1930	190	80,438	24,676
1924	18	398	1931	126	61,909	22,328
1925	26	500	1932	122	52,818	20,337
1926	12	381	1933	88	215,516	43,954

Source: United States Building and Loan League.

No. 264.—LOANS AND DISCOUNTS OF AGENCIES NOW UNDER THE FARM CREDIT ADMINISTRATION: AMOUNTS ADVANCED AND OUTSTANDING, 1917 TO 1934

[All figures in thousands of dollars]

Year	Federal land banks [1]	Land bank commissioner [1]	Joint stock land banks [1]	Federal intermediate credit banks	Production credit associations	Regional agricultural credit corporations	Emergency crop loans	Banks for cooperatives, including central bank	Agricultural Marketing Act revolving fund loans to cooperatives
Advanced during—									
1917	39,112		[2]						
1918	118,130		[2]						
1919	144,987		[2]						
1920	66,985		[2]						
1921	91,030		9,335				1,957		
1922	224,301		138,685				1,480		
1923	192,083		189,748	44,923					
1924	165,510		74,587	117,670			414		
1925	127,355		131,431	153,251					
1926	131,318		123,026	177,463					
1927	140,384		83,719	138,130			244		
1928	102,236		40,572	137,170					
1929	64,253		18,186	138,255			5,759		14,823
1930	47,971		5,236	218,974			5,341		193,395
1931	42,015		5,407	267,994			55,787		126,548
1932	27,570		2,181	240,823		24,597	64,205		34,486
1933	151,634	70,812	[3] 739	279,661	27	220,497	57,445	27,144	40,687
1934 (Jan.–May)	346,783	242,227		157,286	28,639	78,660	27,494	7,794	1,210
Outstanding Dec. 31—									
1918	156,214		8,384						
1919	293,595		60,038						
1920	349,679		77,959						
1921	432,523		85,017						
1922	639,486		218,775				[4] 2,765		
1923	799,597		392,639	42,732			[4] 1,306		
1924	927,568		446,429	62,267			[4] 1,460		
1925	1,005,685		545,559	80,052			[4] 1,155		
1926	1,077,819		632,476	92,434			[4] 1,048		
1927	1,155,644		669,798	75,915			[4] 1,240		
1928	1,194,470		656,516	81,277			[4] 1,194		
1929	1,197,950		626,980	76,091			[4] 6,924		14,510
1930	1,188,132		590,811	130,010			[4] 7,894		136,698
1931	1,163,476		536,644	119,868			[4] 60,389		155,490
1932	1,116,692		459,133	92,383		24,373	89,301		158,096
1933	1,213,523	70,738	392,438	149,463	27	144,636	89,811	18,697	157,752
1934 (May 31)	1,548,554	311,375	334,680	190,639	28,117	143,093	90,147	33,303	54,642

[1] Amounts outstanding represent the unmatured principal of mortgage loans; therefore, they do not include the principal of delinquent installments, and payments made in advance of maturity have not been deducted as in the case of figures for Federal and joint-stock land banks shown in Tables 270 and 271. For joint-stock land banks, amounts outstanding include loans of banks in receivership.

[2] Data not available.

[3] Includes loans for refinancing of existing indebtedness.

[4] Balances outstanding are taken as of June 30 of each year.

Source: Farm Credit Administration.

No. 265.—LOANS AND DISCOUNTS OF AGENCIES UNDER THE FARM CREDIT ADMINISTRATION: AMOUNTS OUTSTANDING MAY 31, 1934, BY STATES

[All figures in thousands of dollars]

District and State	Total [1]	Federal land banks	Land Bank Commissioner	Joint stock land banks	Federal intermediate credit banks	Production credit associations	Regional agricultural credit corporations	1934 emergency crop loans
Total [2]	2,526,323	1,548,554	311,375	334,680	190,639	28,117	143,093	90,147
District No. 1	86,339	59,903	11,366	7,636	5,931	3,580	1,695	757
Maine	10,856	6,743	1,954		1,725	1,647	21	414
New Hampshire	1,579	1,204	287		47	43	25	19
Vermont	5,393	4,248	780		257	71	131	30
Massachusetts	9,083	5,819	1,550		1,546	405	169	32
Rhode Island	1,106	865	136		97	95	10	[3]
Connecticut	6,054	4,963	813		218	164	39	28
New York	42,432	29,379	4,340	6,520	1,583	856	698	177
New Jersey	10,335	6,682	1,506	1,116	459	300	601	56
District No. 2	110,192	73,116	14,820	15,442	2,634	2,036	437	3,966
Pennsylvania	29,881	18,441	4,669	5,606	639	567	42	501
Delaware	930	549	253		73	68	6	54
Maryland	11,613	6,024	2,269	2,008	206	238	71	272
Virginia	43,130	29,194	5,293	4,727	1,185	996	173	2,669
West Virginia	14,427	8,827	2,336	2,501	230	167	126	470
Puerto Rico	10,311	10,081					19	
District No. 3	154,231	70,810	32,670	27,808	8,235	6,907	1,022	14,071
North Carolina	53,487	19,473	8,233	18,892	2,914	2,714	40	3,947
South Carolina	35,310	16,088	8,209	4,269	2,443	2,359	40	4,265
Georgia	47,370	25,050	10,479	4,646	2,016	1,622	503	4,875
Florida	18,065	10,199	5,749		861	213	439	983
District No. 4	257,913	166,364	36,171	45,901	4,093	733	1,403	4,903
Ohio	67,250	41,997	8,414	15,040	936	129	347	736
Indiana	99,309	62,033	11,252	24,829	483	161	280	636
Kentucky	50,903	33,520	9,431	4,750	1,276	89	348	1,760
Tennessee	40,450	28,815	7,075	1,283	1,397	355	429	1,771
District No. 5	132,313	93,466	12,443	7,600	10,955	3,782	1,049	7,451
Alabama	43,927	32,870	4,290	3,222	782	578	306	2,547
Mississippi	53,546	35,728	5,614	4,005	5,172	1,991	234	2,052
Louisiana	34,840	24,868	2,540	373	5,001	1,214	508	1,953
District No. 6	229,048	138,185	20,889	58,061	6,201	2,565	282	5,531
Illinois	141,492	84,923	11,759	42,221	2,264	661	41	301
Missouri	50,144	33,023	6,815	7,615	1,059	534	114	1,587
Arkansas	37,412	20,238	2,315	8,225	2,878	1,370	127	3,643
District No. 7	318,210	200,748	48,029	11,358	30,178	1,484	31,280	18,967
Michigan	46,785	33,379	6,684	4,906	755	240	553	973
Wisconsin	65,054	45,378	13,385		4,381	418	4,012	1,427
Minnesota	104,311	68,478	16,132	5,196	10,225	626	10,960	1,719
North Dakota	102,060	53,513	11,828	1,257	14,816	202	15,755	14,849
District No. 8	412,031	259,963	41,840	60,728	25,103	392	31,531	10,892
Iowa	196,135	131,522	18,454	42,950	1,042	53	2,438	220
South Dakota	71,590	39,440	7,431	4,543	7,181	119	9,439	8,732
Nebraska	122,477	82,324	14,838	10,037	8,610	199	10,874	1,341
Wyoming	21,828	6,676	1,117	3,198	7,670	21	8,780	600
District No. 9	176,977	102,633	19,994	19,509	22,370	956	21,524	7,001
Kansas	75,961	46,009	11,874	10,119	3,710	274	4,747	2,686
Oklahoma	37,806	23,214	5,245	2,589	4,780	408	2,853	1,400
Colorado	43,943	24,222	2,300	6,801	7,646	104	8,525	1,649
New Mexico	19,267	9,194	574		6,734	110	5,399	1,266
District No. 10	310,144	195,376	30,380	49,882	24,655	1,764	12,233	5,291
Texas	310,144	195,376	30,380	49,882	24,655	1,764	12,233	5,291
District No. 11	156,548	87,214	25,310	17,712	18,337	2,471	10,758	656
Arizona	12,361	6,535	512	1,468	3,265	160	686	145
Utah	23,942	14,079	1,395	348	5,834		3,736	415
Nevada	7,544	3,315	207	475	1,655	14	2,062	16
California	112,701	63,286	23,196	15,421	8,083	2,296	3,375	80
District No. 12	181,878	100,770	17,461	13,044	30,948	1,444	29,879	10,662
Montana	49,096	19,603	4,165	1,051	11,232	455	14,081	8,687
Idaho	42,807	25,587	4,094	1,921	7,519	214	9,333	594
Washington	46,190	33,155	5,244	1,217	4,767	644	1,973	1,028
Oregon	43,785	22,424	3,956	8,856	7,430	131	4,493	352

[1] Some of the loans of the regional agricultural credit corporations and all of the loans of the production credit associations are discounted with the Federal intermediate credit banks. In addition the totals include adjustments made to avoid counting these loans twice.

[2] Includes the following loans which cannot be allocated to particular States: Land Bank Commissioner's loans to joint stock land banks, $998,000; Agricultural Marketing Act revolving fund, $150,140,000; central bank for cooperatives, $13,993,000; and banks for cooperatives, $5,316,000.

[3] Less than $500.

Source: Farm Credit Administration.

No. 266.—FEDERAL AND JOINT-STOCK LAND BANKS AND LAND BANK COMMISSIONER: NUMBER AND AMOUNT OF LOANS CLOSED DURING 1933 AND FROM ORGANIZATION TO DECEMBER 31, 1933

[Amounts in thousands of dollars]

Federal land bank district and State	Federal land banks				Joint-stock land banks—organization to Dec. 31, 1933 [1]		Land Bank Commissioner—May 12, 1933, to Dec. 31, 1933		Total amount of loans (bank and commissioner)	
	1933		Organization to Dec. 31, 1933						1933 [2]	Organization to Dec. 31, 1933
	Number	Amount	Number	Amount	Number	Amount	Number	Amount		
Total	38,568	151,634	568,859	1,875,130	130,362	901,354	44,039	70,812	222,446	2,847,296
District No. 1	1,787	4,906	25,509	81,441	3,617	17,676	1,628	2,981	7,888	102,098
Maine	93	139	3,774	10,400			286	690	828	11,089
N. Hampshire	53	138	812	1,886			54	80	218	1,966
Vermont	189	455	1,980	5,790			162	214	669	6,004
Massachusetts	241	678	2,571	7,688			309	564	1,242	8,251
Rhode Island	48	149	315	1,007			28	51	201	1,058
Connecticut	139	362	2,131	7,140			142	246	608	7,385
New York	869	2,406	11,840	39,197	3,070	14,823	519	871	3,277	54,891
New Jersey	155	580	2,086	8,334	547	2,853	128	265	845	11,452
District No. 2	1,470	5,079	36,621	100,243	9,417	38,848	3,274	5,769	10,848	144,860
Pennsylvania	462	1,234	9,021	23,977	3,227	12,211	918	1,589	2,822	37,777
Delaware	10	48	184	632			49	104	152	735
Maryland	238	1,085	1,683	7,136	906	5,480	440	972	2,056	13,588
Virginia	526	2,145	15,020	41,485	2,704	12,721	1,177	2,191	4,336	56,397
West Virginia	206	519	5,607	11,326	2,580	8,436	690	914	1,432	20,676
Puerto Rico	28	49	5,106	15,687					49	15,687
District No. 3	2,628	7,178	42,805	97,354	19,620	74,604	6,280	8,322	15,500	180,280
North Carolina	369	826	13,961	27,356	14,516	47,692	1,018	1,265	2,092	76,313
South Carolina	764	1,997	8,871	25,019	3,186	16,817	1,844	2,471	4,469	44,307
Georgia	758	1,752	14,073	32,755	1,918	10,096	1,953	2,193	3,945	45,044
Florida	737	2,602	5,700	12,223			1,465	2,393	4,995	14,616
District No. 4	4,413	13,415	56,834	181,018	21,663	108,545	3,608	4,894	18,308	294,456
Ohio	1,320	3,757	10,573	39,010	8,195	36,486	664	861	4,619	76,358
Indiana	1,585	4,470	18,999	66,186	9,786	52,061	998	1,225	5,696	119,472
Kentucky	916	3,460	12,745	40,188	2,716	15,803	1,171	1,793	5,253	57,784
Tennessee	592	1,728	14,517	35,634	966	4,195	773	1,014	2,741	40,842
District No. 5	554	1,602	75,884	155,505	1,836	18,933	2,926	2,253	3,854	176,691
Alabama	250	540	28,674	53,631	1,084	6,918	1,078	831	1,371	61,380
Mississippi	229	833	31,234	62,291	676	10,526	1,495	1,116	1,948	73,933
Louisiana	75	229	15,976	39,583	76	1,489	353	306	535	41,378
District No. 6	3,342	16,306	44,432	160,592	17,492	150,227	3,905	6,126	22,432	316,945
Illinois	2,281	13,101	13,533	82,908	10,899	96,711	1,853	3,722	16,823	183,341
Missouri	959	2,938	12,924	45,061	4,713	37,031	1,485	1,935	4,873	84,027
Arkansas	102	267	17,975	32,623	1,880	16,485	567	469	736	49,577
District No. 7	7,950	25,930	56,478	211,558	9,635	69,206	6,350	8,526	34,456	289,289
Michigan	992	2,149	14,038	36,786	2,512	13,532	862	866	3,015	51,184
Wisconsin	1,910	5,731	12,043	46,556	1,203	6,222	1,777	2,280	8,011	55,058
Minnesota	3,369	12,747	16,444	73,792	5,107	44,684	2,602	3,930	16,676	122,406
North Dakota	1,679	5,304	13,953	54,424	813	4,768	1,109	1,450	6,754	60,642
District No. 8	7,488	35,488	46,241	276,614	18,232	194,850	3,571	7,552	43,040	479,016
Iowa	3,916	20,834	18,202	136,930	11,031	133,513	1,548	3,415	24,249	273,857
South Dakota	863	2,610	9,459	45,825	2,143	18,219	372	656	3,266	64,701
Nebraska	2,634	11,071	15,787	84,910	4,290	37,441	1,574	3,366	15,337	125,717
Wyoming	25	73	2,793	8,949	768	5,678	77	114	187	14,741
District No. 9	1,471	4,752	43,102	139,847	7,426	48,774	2,372	4,465	9,217	193,085
Kansas	1,052	3,736	13,782	57,369	4,628	31,427	1,405	2,986	6,722	91,772
Oklahoma	251	606	11,299	31,527	1,280	7,115	638	1,028	1,634	39,670
Colorado	147	354	11,513	36,338	1,518	10,232	290	407	761	46,976
New Mexico	21	56	6,508	14,623			39	44	100	14,667
District No. 10	3,022	16,012	73,099	230,799	14,128	104,274	4,743	9,340	25,353	344,414
Texas	3,022	16,012	73,099	230,799	14,128	104,274	4,743	9,340	25,353	344,414
District No. 11	2,665	14,620	22,584	92,790	4,177	50,110	3,178	6,729	21,349	149,629
Arizona	131	641	2,141	9,071	585	4,196	163	258	900	13,525
Utah	195	585	6,472	20,472	187	867	271	457	1,042	21,796
Nevada	33	383	521	3,944	38	830	18	44	427	4,818
California	2,306	13,012	13,450	59,304	3,367	44,217	2,726	5,969	18,981	109,490
District No. 12	1,828	6,346	45,470	147,370	3,119	25,308	2,206	3,857	10,203	178,534
Montana	189	616	10,136	32,363	346	2,076	428	889	1,505	35,329
Idaho	434	1,328	9,603	34,834	1,141	5,265	410	626	1,955	40,725
Washington	722	2,487	16,945	49,529	254	2,683	964	1,617	4,103	53,829
Oregon	483	1,916	8,786	30,643	1,378	15,284	404	724	2,640	46,652

[1] Includes loans of banks in liquidation through receivership or liquidated [illegible] loans closed by joint-stock land banks during 1933 not available by States; for tota[illegible]

[2] Federal land bank and Land Bank Commissioner loans; Joint-stock land [illegible] by States.

Source: Farm Credit Administration.

No. 267.—LAND BANK COMMISSIONER: Loans to Farmers Closed from May 12, 1933, to December 31, 1933; Acreage and Appraised Value of Farm Property Securing Loans, and Percent of Loan Proceeds Used for Various Purposes

[Amount of loans and appraised value of farm and personal property in thousands of dollars]

District	Loans closed and appraised value of mortgaged property						Percent of loans for—				
	Number	Amount of loans	Acres mortgaged	Appraised value of farm and personal property	Average amount loaned per acre [1]	Average appraised value per acre	Payment of mortgages	Payment of other debts	Farm operations	Redemption or repurchase of farm	Loan fees
Total, May 12 to Dec. 31, 1933	**44,089**	**70,812**	**8,588,299**	**314,550**	**$19.58**	**$36.63**	**63.4**	**27.8**	**6.2**	**1.7**	**0.9**
Springfield	1,628	2,981	199,314	12,229	35.62	61.08	48.0	44.6	6.2	.9	.3
Baltimore	3,274	5,769	472,086	20,941	21.58	44.36	54.8	37.6	6.9	.1	.6
Columbia	6,280	8,322	798,311	25,084	17.77	31.42	63.5	18.8	14.8	1.7	1.2
Louisville	3,606	4,894	429,492	23,174	28.83	54.96	59.8	33.2	5.1	.5	1.4
New Orleans	2,926	2,253	365,492	7,442	10.81	20.36	68.0	15.0	13.8	.9	2.3
St. Louis	3,905	6,126	523,435	28,444	26.37	54.34	54.1	40.5	3.8	.8	.8
St. Paul	6,350	8,526	939,383	49,276	27.44	52.46	72.8	14.6	6.7	5.5	.4
Omaha	3,571	7,551	868,462	48,604	30.17	55.97	61.3	37.0	.3	1.4	[2]
Wichita	2,372	4,464	574,153	15,041	14.74	26.20	59.7	33.0	3.6	2.7	1.0
Houston	4,743	9,340	2,566,058	40,107	9.01	15.63	74.1	23.6	1.5	.4	.4
Berkeley	3,178	6,729	441,468	30,474	32.88	69.03	68.8	19.6	7.8	2.5	1.3
Spokane	2,206	3,857	410,645	13,734	17.90	33.45	57.8	29.1	9.0	1.3	2.8

[1] Including any prior mortgages.
[2] Less than one-tenth of 1 per cent.

Source: Farm Credit Administration.

No. 268.—FEDERAL LAND BANKS: Average and Appraised Value of Farms Securing Loans, and Average Loan and Farm Value per Acre

Note.—For the period prior to June 1, 1933, the data are based on loans submitted for approval as collateral for bonds. Virtually all loans closed, however, were so submitted.

Bank	Number of loans	Amount of loans (thousands of dollars)	Acres mortgaged	Original appraised value (thousands of dollars)			Average amount loaned per acre	Average appraised value per acre	
				Total	Land	Buildings		Land only	Land and buildings
Total from organization to May 31, 1933	**519,753**	**1,638,878**	**97,282,729**	**4,485,139**	**3,509,696**	**975,443**	**$16.84**	**$36.07**	**$47.13**
Total, June 1 to Dec. 31, 1933	**34,768**	**137,865**	**8,308,757**	**377,464**	**296,136**	**81,327**	**16.59**	**35.64**	**45.43**
Springfield	1,412	3,800	176,122	11,091	7,180	3,911	21.58	40.77	62.97
Baltimore	1,346	4,721	245,054	12,947	8,495	4,452	19.27	34.67	52.83
Columbia	2,567	7,066	536,778	18,450	14,646	3,804	13.16	27.28	34.37
Louisville	3,878	11,898	533,881	33,475	24,549	8,927	22.29	45.98	62.70
New Orleans	548	1,596	160,181	4,182	3,571	610	9.96	22.30	26.11
St. Louis	3,139	15,399	531,733	41,005	34,367	6,638	28.96	64.63	77.12
St. Paul	7,556	24,586	1,263,539	68,881	46,783	22,098	19.46	37.03	54.51
Omaha	6,512	32,109	1,318,639	91,671	73,720	17,951	24.35	55.91	69.52
Wichita	1,302	4,200	370,495	12,339	9,915	2,423	11.34	26.76	33.30
Houston	2,586	14,193	2,186,838	33,262	31,534	1,727	6.49	14.42	15.21
Berkeley	2,486	13,359	628,360	36,023	30,041	5,983	21.26	47.81	57.33
Spokane	1,436	4,938	357,137	14,138	11,335	2,803	13.82	31.74	39.59

Source: Farm Credit Administration.

No. 269.—FEDERAL LAND BANKS: Percent of Loan Proceeds Used for Various Purposes

	1929	1930	1931	1932	Jan. 1 to May 31, 1933	Organization to May 31, 1933	June 1 to Dec. 31, 1933
[illegible] issues (thousands of dollars) [1]	68,628	41,122	40,327	23,359	13,769	1,638,878	137,865
PURPOSES OF LOANS							
Total	*Percent* 100.0	*Percent* 100.0	*Percent* 100.0	*Percent* 100.0	*Percent* 100.0	*Percent* 100.0	*Percent* 100.0
Purchase of land	14.0	12.9	8.6	4.6	5.4	10.0	3.1
Equipment, fertilizer, etc.	2.8	3.2	3.3	2.4	3.3	2.9	.9
Buildings and improvements	4.2	4.3	3.3	2.2	1.8	4.9	1.2
Payment of mortages	61.8	59.6	57.5	48.2	42.8	64.9	65.2
Payment of other debts	12.2	15.0	22.3	37.6	41.7	12.3	22.3
Stock in bank or national farm-loan association	5.0	5.0	5.0	5.0	5.0	5.0	5.0
General agricultural uses [2]							1.2
Loan fees [3]							1.1

[1] Prior to June 1, 1933, information on purposes was available only in connection with loans submitted for approval as collateral for bonds. Virtually all loans closed, however, were so submitted.
[2] This purpose was authorized by an amendment to the Federal Farm Loan Act dated Mar. 4, 1933.
[3] Information on amounts deducted for loan fees is not available prior to June 1, 1933.

Source: Farm Credit Administration.

No. 270.—FEDERAL LAND BANKS: Principal Assets and Liabilities as of December 31

[All figures in thousands of dollars]

Bank	Assets				Liabilities			
	Total	Mortgage loans [1]	U.S. securities [2]	Cash on hand and in banks	Capital stock [3]	Paid-in surplus, [4] U.S. Govt.	Reserves and undivided profits [5]	Farm loan bonds outstanding [6]
All banks:								
1929	1,301,338	1,107,282	21,816	13,720	65,735	----------	18,384	1,187,662
1930	1,298,349	1,187,439	15,020	15,860	66,133	----------	17,523	1,184,460
1931	1,282,880	1,162,889	12,249	11,272	65,676	----------	15,869	1,169,877
1932	1,380,527	1,116,236	100,548	12,260	182,048	----------	[7] 16,023	1,147,407
1933	1,514,410	1,213,110	65,894	28,889	194,268	16,592	17,851	1,241,610
Springfield	62,760	51,556	3,897	1,066	9,754	367	570	50,403
Baltimore	84,310	65,538	7,071	3,245	10,620	849	1,425	69,621
Columbia	78,680	53,703	6,048	1,694	16,304	987	----------	59,686
Louisville	149,910	123,928	4,820	9,494	15,261	1,304	2,269	128,059
New Orleans	126,351	89,392	5,585	1,050	18,327	2,553	1,454	101,326
St. Louis	135,988	109,731	7,672	2,070	15,788	1,858	972	114,788
St. Paul	178,922	126,959	7,784	5,110	26,267	3,003	83	138,549
Omaha	214,613	188,171	851	392	20,030	978	3,841	181,929
Wichita	104,407	87,061	8,378	357	12,102	740	1,185	88,132
Houston	184,820	165,279	5,368	3,907	18,761	1,668	5,525	154,783
Berkeley	72,110	60,423	3,740	187	10,819	301	527	57,964
Spokane	121,540	91,369	4,680	315	20,234	1,978	----------	96,370

[1] Less payments of principal and principal of delinquent and extended installments.
[2] Less amo[illegible]
[3] The own[illegible] 1, 1933, was as follows: United States Government, $124,648,000; [illegible],000; borrowers through Puerto Rico branch, $684,000; other borrow[illegible]
[4] Less impairment.
[5] Not includin[illegible] set up against particular assets.
[6] Unmatured. [illegible] include $18,500,000 of bonds issued to the Reconstruction Finance Corporation and for [illegible]eficit for Columbia.
[7] Net amount [illegible]

Source: Farm Credit Administration.

No. 271.—JOINT-STOCK LAND BANKS: Principal Assets and Liabilities as of December 31

NOTE.—Banks in receiverships are not includ · · ·

No. 272.—FEDERAL INTERMEDIATE CREDIT BANKS: PRINCIPAL ASSETS AND LIABILITIES, DECEMBER 31

[All figures in thousands of dollars]

	Assets				Liabilities		
	Total	Loans and discounts		Cash on hand and in banks[1]	Capital paid in [2]	Surplus, reserves, and undivided profits [3]	Debentures outstanding (unmatured)
		Cooperative associations	Financing institutions				
All banks:							
1925	126,135	53,780	26,272	3,169	24,000	1,820	58,699
1926	135,008	52,704	39,730	3,536	25,000	1,546	68,580
1927	120,209	31,991	43,924	3,743	25,000	1,682	51,150
1928	121,875	36,174	45,103	3,178	27,000	1,934	44,875
1929	115,288	26,073	50,018	2,708	30,000	2,210	49,510
1930	108,553	64,377	65,633	4,227	30,000	3,239	102,475
1931	157,861	[4] 43,322	74,613	3,694	30,000	3,947	78,840
1932	137,172	9,866	82,518	7,820	32,000	2,166	72,270
1933	[5] 195,649	15,211	134,252	8,317	60,000	3,579	[5] 128,885
Springfield	10,383	1,711	2,337	1,454	5,000	598	4,500
Baltimore	6,969	1,175	1,136	362	5,000	398	1,500
Columbia	6,939	3,395	889	292	5,000	[6] 624	2,500
Louisville	7,764	1,348	1,617	765	5,000	492	2,200
New Orleans	8,691	1,354	2,893	1,110	5,000	584	2,900
St. Louis	8,032	832	3,083	626	5,000	509	2,400
St. Paul	27,348	215	23,604	417	5,000	706	21,250
Omaha	24,067	26	20,505	367	5,000	671	17,750
Wichita	20,615	75	15,846	1,020	5,000	586	14,650
Houston	23,786	85	21,185	187	5,000	830	17,185
Berkeley	19,728	3,669	13,938	1,167	5,000	[6] 1,648	16,200
Spokane	32,035	1,325	27,218	549	5,000	479	25,850

[1] Excludes cash held as collateral.

[2] The original authorized capital of each bank was $5,000,000, subscribed by the Secretary of the Treasury, subject to call. By the end of 1933, the entire amount had been called and paid in.

[3] Net amounts after deducting deficits for Columbia, 1926 to 1933, and also for Berkeley for 1932 and 1933.

[4] [illegible] to $1,933,000.

[5] [illegible] for the individual banks because of interbank holdings of debentures.

[6] Deficit.

No. 273.—FEDERAL INTERMEDIATE CREDIT BANKS: LOANS TO COOPERATIVE ASSOCIATIONS, BY COMMODITIES, AND LOANS TO AND DISCOUNTS FOR FINANCING INSTITUTIONS, BY TYPE OF INSTITUTION AND BY PURPOSE

[All figures in thousands of dollars]

	Loans and discounts during—			Amounts outstanding Dec. 31—						
	1931	1932	1933 [1]	1927	1928	1929	1930	1931	1932	1933
Cooperative associations	**145,260**	**89,245**	**20,487**	**31,991**	**36,174**	**26,073**	**64,377**	**45,255**	**9,866**	**15,211**
Cotton	59,106	34,147	2,350	14,944	23,099	12,031	39,173	15,767	2,274	6,200
Tobacco		696	1,079	4,299	1,565				686	613
Wheat and other grains	36,685	14,026	1,263	2,537	2,483	4,412	3,436	10,457	455	808
Redtop, blue grass, alfalfa, and clover seed	2,745	1,275	2,488	106	111	94	537	1,786	1,084	926
	8,378	3,588	3,964	1,142	2,118	1,326	2,771	2,516	1,605	1,140
	2,646	5,397	2,410	6,395	4,679	3,182	5,510	4,180	945	2,349
	111	99	69					57	10	966
Beans	1,065			310	124	489	1,365	312		
Wool and mohair	28,136	24,461	3,498	411	564	2,935	9,088	6,168	848	438
Rice	2,347	1,510	1,052	1,815	1,360	1,479	2,109	1,279	530	816
All other	4,042	4,046	2,314	32	70	126	387	2,733	1,428	956
Financing institutions	**122,733**	**151,578**	**222,847**	**43,924**	**45,103**	**50,018**	**65,633**	**74,613**	**82,518**	**134,252**
For—										
Production credit associations			6							27
Regional agricultural credit corporations			97,084							73,236
Agricultural credit corporations	55,611	53,280	124,170	(22,528	20,991	21,009	30,408	30,848	30,882	60,631
Livestock loan companies	63,154	94,969		(21,214	23,784	26,917	32,848	41,889	49,641	
Banks and trust companies	3,968	3,329	1,587	183	328	2,092	2,377	1,877	1,994	358
Purpose—										
Cattle production	48,649	68,347	86,777	17,932	20,541	24,109	30,909	31,445	37,947	52,407
Other livestock production	27,746	42,237	71,650	15,574	15,663	11,203	15,349	19,507	21,186	48,129
General agriculture	46,338	40,994	64,420	10,418	8,898	14,706	19,375	23,662	23,385	33,717

[1] Figures cover Jan. 1 to Nov. 30, 1933. Advances to cooperative associations during entire year 1933 totaled $27,910,000 and to financing institutions, $251,751,000; detail by commodities, etc., not available.

Source of Tables 272 and 273: Farm Credit Administration.

No. 274.—FEDERAL HOME LOAN BANKS: PRINCIPAL ASSETS AND LIABILITIES, DECEMBER 31, 1933

[All figures in thousands of dollars]

Bank	Assets				Liabilities			
	Total	Loans outstanding	Government securities	Cash	Capital stock outstanding: Members	Capital stock outstanding: United States Government	Subscriptions to stock less balance due [1]	Reserve and undivided profits
All banks	95,558	[2] 88,442	2,322	4,218	10,908	75,746	4,521	205
Boston	6,051	[2] 4,767	851	401	454	5,000	583	[3] 84
Newark	10,891	10,122	----	702	1,210	9,000	581	[3] 2
Pittsburgh	9,071	8,048	749	228	1,063	7,700	192	36
Winston-Salem	7,016	6,916	----	70	1,079	5,500	325	26
Cincinnati	19,649	18,175	73	1,280	2,242	12,776	1,232	151
Indianapolis	7,566	[2] 7,138	----	415	1,468	5,700	233	32
Chicago	11,290	10,847	----	356	1,454	9,500	102	56
Des Moines	4,994	[2] 4,795	----	164	296	4,400	250	[3] 1
Little Rock	7,024	6,779	----	184	651	5,800	306	35
Topeka	4,768	[2] 4,525	----	211	276	4,200	293	[3] 57
Portland	3,195	[2] 3,016	----	158	186	2,810	157	[3] 18
Los Angeles	4,043	[2] 3,316	649	51	529	3,360	177	[3] 45

[1] Members and applicants.

[2] Figures include loans to the Federal Home Loan Bank of Cincinnati as follows: All banks, $3,000,000; Boston, Indianapolis, Des Moines, Topeka, Portland, and Los Angeles, each, $500,000; all other loans are to members.

[3] Deficit.

Source: Federal Farm Loan Board.

No. 275.—HOME OWNERS LOAN CORPORATION: APPLICATIONS FOR LOANS AND LOANS CLOSED FROM DATE OF OPENING TO JUNE 1, 1934

[Amounts in thousands of dollars]

District and State	Applications received: Number	Applications received: Amount	Loans closed: Number	Loans closed: Amount	District and State	Applications received: Number	Applications received: Amount	Loans closed: Number	Loans closed: Amount
United States [1]	1,421,307	4,555,577	274,980	822,830					
District No. 1	245,109	1,198,749	47,504	229,296	District No. 4	308,795	986,507	49,195	140,023
Maine	3,861	9,713	720	1,750	Indiana	71,071	176,730	13,898	31,378
N. Hampshire	2,684	6,958	1,099	2,652	Illinois	83,045	319,923	3,251	12,615
Vermont	1,766	4,854	705	1,871	Michigan	113,879	328,614	25,936	73,715
Massachusetts	39,681	175,417	8,897	39,345	Wisconsin	40,800	161,234	6,110	22,316
Rhode Island	10,014	42,555	2,803	11,243					
Connecticut	19,559	96,605	4,411	20,030	District No. 5	218,895	477,464	50,281	109,567
New York	100,821	513,128	18,184	99,561	Minnesota	26,392	65,865	5,207	11,903
New Jersey	66,723	347,518	10,685	52,845	Iowa	20,393	53,000	3,809	7,757
					N. Dakota	6,144	12,818	2,036	4,530
District No. 2	292,635	1,004,959	51,398	159,147	S. Dakota	7,563	13,922	2,689	5,000
Pennsylvania	61,711	209,980	6,178	19,839	Nebraska	15,300	33,541	3,535	7,136
Delaware	1,879	6,208	699	2,143	Kansas	25,067	42,978	5,831	10,777
Maryland	22,726	69,754	6,383	17,782	Oklahoma	33,325	75,151	8,805	20,030
Dist. of Col	3,346	21,019	555	3,373	Texas	58,564	138,162	13,494	32,819
Virginia	14,759	44,492	3,081	9,850	Colorado	16,263	33,910	3,737	7,207
West Virginia	13,652	35,433	1,955	5,042	New Mexico	3,884	8,029	1,078	2,410
Ohio	174,562	618,074	32,547	101,118					
					District No. 6	158,308	408,376	32,934	78,233
District No. 3	197,565	481,522	43,668	106,564	Montana	5,663	10,178	1,430	2,752
N. Carolina	15,334	40,508	2,538	6,445	Idaho	4,858	7,930	1,248	2,099
S. Carolina	6,827	16,274	1,921	4,505	Wyoming	3,002	6,228	896	2,085
Georgia	15,732	37,051	4,491	9,365	Utah	11,460	27,613	3,363	7,812
Florida	19,355	45,974	5,338	12,651	Nevada	1,427	3,957	721	1,915
Kentucky	18,220	42,308	3,699	11,365	Arizona	8,083	19,152	2,318	5,708
Tennessee	17,442	39,000	3,856	8,534	Washington	31,151	57,935	5,326	9,432
Alabama	21,342	47,590	4,751	11,157	Oregon	13,526	30,014	3,589	7,019
Mississippi	15,653	25,918	3,163	5,811	California	77,807	240,717	13,892	38,998
Missouri	31,922	102,998	6,084	18,115	Hawaii	1,331	4,052	151	413
Arkansas	16,721	28,542	3,566	6,635					
Louisiana	19,017	55,359	4,261	11,981					

[1] Includes Hawaii.

Source: Federal Home Loan Bank Board.

No. 276.—RECONSTRUCTION FINANCE CORPORATION: AMOUNTS DISBURSED AND REPAID ON LOANS, SUBSCRIPTIONS, PURCHASES, AND ALLOCATIONS FROM FEBRUARY 2, 1932, TO DECEMBER 31, 1933, AND AMOUNTS OUTSTANDING AT CLOSE OF THE PERIOD

[All figures in thousands of dollars]

	1932		1933		Total to Dec. 31, 1933		Outstanding Dec. 31, 1933
	Disbursed	Repaid	Disbursed	Repaid	Disbursed	Repaid	
Total loans, subscriptions, purchases, and allocations	1, 642, 567	314, 948	2, 384, 195	760, 972	[1] 4, 026, 762	1, 075, 920	[1] 2, 950, 842
Loans, subscriptions, and purchases	1, 524, 747	299, 948	1, 776, 408	742, 672	3, 301, 155	1, 042, 620	2, 258, 535
Under sec. 5, of the Reconstruction Finance Corporation Act [2]	1, 427, 603	299, 833	1, 156, 943	734, 593	2, 584, 546	1, 034, 426	1, 550, 120
Banks and trust companies [3]	850, 861	256, 249	578, 695	461, 876	1, 429, 556	718, 125	711, 431
Building and loan associations [4]	93, 863	9, 616	19, 188	37, 196	113, 051	46, 812	66, 239
Insurance companies	68, 038	5, 589	19, 644	21, 164	87, 682	26, 753	60, 929
Mortgage loan companies	88, 423	11, 322	126, 042	25, 293	214, 465	36, 615	177, 850
Credit unions	440	9	139	58	579	67	512
Federal land banks	18, 500		123, 618		142, 118		142, 118
Joint-stock land banks	2, 528	63	12, 420	744	14, 948	807	14, 141
Federal intermediate credit banks			9, 250	9, 250	9, 250	9, 250	
Agricultural credit corporations	3, 457	1, 082	1, 729	2, 412	5, 186	3, 494	1, 692
Regional agricultural credit corporations	5, 372	1	149, 782	125, 268	155, 154	125, 269	29, 885
Livestock credit corporations	11, 810	4, 062	758	6, 082	12, 568	10, 144	2, 424
Railroads [5]	284, 311	11, 840	109, 783	45, 175	394, 094	57, 015	337, 079
Processors or distributors subject to processing taxes			7		7		7
State funds created for insuring repayment of deposits of public moneys			5, 888	75	5, 888	75	5, 813
Under the Emergency Relief and Construction Act of 1932 [2]	97, 144	115	345, 030	4, 621	442, 174	4, 736	437, 438
Self-liquidating projects [6]	15, 737		47, 866	152	63, 603	152	63, 451
Financing exports of agricultural surpluses			7, 143	248	7, 143	248	6, 895
Financing of agricultural commodities and livestock	1, 440	115	70, 003	3, 251	71, 443	3, 366	68, 077
Relief and work relief	79, 967		220, 018	970	299, 985	970	299, 015
Under act approved Mar. 9, 1933 [2]			264, 346	158	264, 346	158	264, 188
Loans on preferred stock of banks and trust companies			14, 358	71	14, 358	71	14, 287
Subscriptions for preferred stock of banks and trust companies			132, 998	87	132, 998	87	132, 911
Purchases of capital notes or debentures of banks and trust companies			116, 990		116, 990		116, 990
Under Agricultural Adjustment Act of 1933: Loan to Secretary of Agriculture for purchase of cotton			3, 300	3, 300	3, 300	3, 300	
Under act approved June 10, 1933: [2] Loans on preferred stock of insurance companies			4, 375		4, 375		4, 375
Under Emergency Farm Mortgage Act of 1933: [2] Loans to drainage, levee, and irrigation districts			2, 414		2, 414		2, 414
Allocations	117, 820	15, 000	607, 787	18, 300	725, 607	33, 300	692, 307
For relief: Federal Emergency Relief Act of 1933 [1]			314, 961		314, 961		314, 961
To other Government agencies	117, 820	15, 000	292, 826	18, 300	410, 646	33, 300	377, 346
To Secretary of the Treasury for: Purchase of stock of Federal home loan banks	820		74, 926		75, 746		75, 746
Purchase of stock of Home Owners' Loan Corporation			19, 000		19, 000		19, 000
To Land Bank Commissioner			82, 600		82, 600		82, 600
To Secretary of Agriculture: Crop loans	75, 000	15, 000	60, 000	5, 000	135, 000	20, 000	115, 000
Reallocated as capital regional agricultural credit corporations	42, 000		15, 800	[7] 13, 300	57, 800	[7] 13, 300	44, 500
Reallocated to Governor of Farm Credit Administration			40, 500		40, 500		40, 500

[1] [illegible] 1933 directed the [illegible] to the [illegible] distributed to repayment. [3] [illegible] [4] Including receivers.

[5] Including repairs to buildings damaged by earthquake, fire, tornado, or cyclone in 1933.
[7] Capital reduction.

Source: Reconstruction Finance Corporation.

No. 277.—CLEARING-HOUSE EXCHANGES: SUMMARY FOR UNITED STATES

Note: [illegible] Association; com- (1) by changes [illegible]ks, eliminating former clearings between two or more banks. Debits to individual account (Tables 278 and 279) area [illegible]me of payment. The divisions shown in this table, with the exception [illegible] the geographical divisions shown in most tables in the Abstract. The [illegible]tates comprising the Middle Atlantic division in other tables (see for example Table 251) 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	58, 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, 903	43, 130	7, 796	81, 533	70, 834	3, 266	17, 979	838	2, 551
1904	102, 356	42, 684	7, 331	69, 507	59, 673	3, 695	18, 376	830	2, 518
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	28, 632	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, 850	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, 370
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, 185*	*22, 378*	*297, 491*	*252, 338*	*27, 452*	*86, 237*	*9, 475*	*20, 488*
1920	454, 309	201, 971	22, 378	297, 183	252, 338	24, 422	82, 830	8, 337	19, 159
1921	368, 680	164, 598	17, 334	242, 886	204, 082	17, 326	67, 874	6, 254	17, 006
1922	373, 902	160, 575	18, 039	251, 070	213, 327	16, 849	64, 301	5, 870	17, 773
1923	401, 957	187, 336	21, 801	259, 164	214, 621	19, 912	73, 644	6, 140	21, 298
1924	428, 094	192, 595	23, 357	280, 734	235, 499	21, 495	73, 886	5, 693	22, 929
1925	488, 520	211, 646	25, 050	327, 519	276, 874	24, 152	81, 499	6, 060	24, 240
1926	517, 517	224, 074	27, 881	346, 781	293, 443	25, 450	84, 291	6, 150	26, 965
1927	528, 165	221, 006	29, 319	358, 634	307, 159	23, 134	83, 973	6, 118	26, 987
1928	596, 554	227, 636	29, 868	420, 339	368, 918	22, 562	87, 242	6, 595	30, 069
1929	604, 227	237, 289	29, 846	512, 177	456, 938	23, 125	91, 102	6, 946	31, 022
1930	612, 750	213, 278	29, 025	451, 017	399, 472	20, 668	78, 553	6, 344	27, 143
1931	449, 250	161, 515	22, 462	327, 627	287, 735	15, 563	57, 588	5, 113	20, 899
1932	284, 496	107, 190	14, 003	204, 267	177, 306	11, 502	36, 366	3, 583	14, 776
1933 [2]	240, 034	85, 462	11, 008	176, 941	154, 572	9, 926	27, 456	2, 807	11, 897

[1] As stated in the headnote, figures prior to 1920 cover all cities reporting, while figures for subsequent years cover [illegible] : 0 in italics have been compiled [illegible]

[2] Total [illegible] ... with $291,500,000,000 reported b[illegible] in 1932.

Source: Comptroller of the Currency, Treasury Department.

No. 278.—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 to accounts of individuals, firms, and corporations, and of the United States Government, including w[illegible] debits to savings accounts, [illegible] include debits to the accou[illegible] ees, payment of cashiers' checks, charges to [illegible] 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	455,294	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	27,677	9,635
1921	399,036	191,941	207,095	21,736	213,911	6,816	18,690	21,105	8,235
1922	439,364	199,509	239,855	22,392	247,067	7,212	19,985	22,290	7,716
1923	463,726	225,330	238,396	24,851	246,493	8,097	22,301	26,140	8,501
1924	491,691	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	27,291	32,180	9,231
1928	806,405	306,193	500,211	34,228	511,584	11,374	30,463	33,317	9,085
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	481,357	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	15,556	154,108	5,659	12,970	13,011	4,852

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	24,562
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	8,301	14,824	7,474	35,663
1927	13,790	70,195	45,970	24,225	14,750	8,099	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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All districts:												
1927	54,715	48,220	58,518	55,583	54,143	56,820	53,682	53,702	56,750	59,201	57,085	65,441
1928	62,885	54,494	70,634	67,003	71,616	72,485	58,981	58,504	63,176	72,894	71,349	82,386
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	43,930	45,299	39,451	34,027	36,700	38,802	29,069	36,345
1932	33,569	27,251	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	25,462	24,555	26,307	24,131	26,301
All districts, excl. New York City:												
1927	23,457	20,781	24,026	23,576	22,873	23,812	22,932	22,048	23,381	25,111	23,803	26,503
1928	25,001	21,753	25,847	25,225	26,346	27,029	23,897	23,401	24,450	27,705	25,880	29,659
1929	28,095	24,480	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	11,767	12,354	10,935	12,820
1933	12,053	10,401	(1)	10,616	11,509	12,969	13,878	12,376	12,215	13,027	11,927	13,287
New York City:												
1927	31,258	27,439	34,492	32,007	31,270	33,008	30,750	31,653	33,369	34,091	33,282	38,938
1928	37,884	32,740	44,786	41,778	45,270	45,455	35,085	35,102	38,725	45,189	45,469	52,727
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	25,052	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	14,464	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

[1] Figures for March not available.

Source: Federal Reserve Board.

No. 279.—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 278

District and city	1925	1926	1927	1928	1929	1930	1931	1932	1933 [1]
Boston district:									
Bangor, Me	167	181	185	188	199	190	157	116	114
Boston, Mass	21,500	23,450	25,240	25,268	27,540	22,074	17,346	12,603	11,128
Fall River, Mass	401	355	376	371	354	277	234	164	152
Hartford, Conn	1,565	1,682	2,236	2,568	3,084	2,469	2,110	1,598	1,454
Holyoke, Mass	199	196	243	217	190	170	142	110	94
Lowell, Mass	249	247	243	239	254	223	196	145	130
New Bedford, Mass	404	360	364	322	378	297	236	163	149
New Haven, Conn	1,164	1,206	1,289	1,403	1,503	1,355	1,159	848	624
Providence, R. I	1,984	1,958	1,958	2,176	2,374	1,882	1,514	1,185	1,059
Waterbury, Conn	455	469	489	549	600	439	351	254	234
Worcester, Mass	926	929	943	928	995	845	707	540	417
New York district:									
Albany, N. Y	1,544	1,608	1,758	1,853	2,172	2,213	1,684	1,764	1,589
Binghamton, N. Y	263	270	279	299	330	285	233	189	159
Buffalo, N. Y	4,208	4,322	4,437	5,226	6,283	4,736	3,532	2,454	2,066
New York, N. Y	313,373	339,055	391,558	500,211	603,089	384,639	263,834	167,964	148,449
Passaic, N. J	491	510	547	579	562	493	432	293	173
Rochester, N. Y	2,076	2,106	2,194	2,273	2,370	1,907	1,577	1,228	1,035
Syracuse, N. Y	888	961	1,046	1,144	1,255	1,081	890	686	637
Philadelphia district:									
Altoona, Pa	189	197	207	207	211	192	146	112	82
Chester, Pa	304	322	275	316	325	294	229	158	119
Lancaster, Pa	366	351	351	396	433	397	316	203	146
Philadelphia, Pa	21,109	21,938	22,840	25,678	28,253	22,254	17,840	11,907	10,045
Scranton, Pa	882	915	923	931	922	790	700	605	457
Trenton, N. J	820	871	905	968	1,038	908	924	703	584
Wilkes-Barre, Pa	589	565	587	611	570	468	410	328	256
Williamsport, Pa	215	230	249	253	272	211	171	114	73
Wilmington, Del	504	581	670	807	1,099	885	684	501	454
York, Pa	274	279	283	298	317	260	241	180	154
Cleveland district:									
Akron, Ohio	1,081	1,130	1,218	1,343	1,442	1,170	942	584	362
Cleveland, Ohio	8,359	9,088	9,793	10,188	11,439	9,882	7,822	4,889	3,842
Columbus, Ohio	1,766	1,926	2,017	2,063	2,319	2,205	1,788	1,141	996
Dayton, Ohio	936	1,058	1,132	1,166	1,299	1,066	864	523	403
Erie, Pa	412	434	435	454	497	467	375	246	182
Greensburg, Pa	250	249	270	250	255	236	100	63	42
Lexington, Ky	277	281	299	297	340	298	235	187	161
Oil City, Pa	179	172	186	212	235	196	147	106	65
Pittsburgh, Pa	11,316	11,342	12,273	12,190	13,515	11,937	9,101	6,027	5,478
Springfield, Ohio	265	289	287	281	299	271	209	138	111
Toledo, Ohio	2,494	2,637	2,857	3,354	2,789	2,190	1,492	893	792
Wheeling, W. Va	550	568	560	626	627	528	440	319	292
Youngstown, Ohio	842	848	854	893	988	812	563	314	285
Richmond district:									
Baltimore, Md	5,072	5,205	5,052	4,942	5,217	5,166	4,413	3,384	2,454
Charlotte, N. C	590	612	659	690	713	582	500	407	404
Columbia, S. C	237	229	281	292	299	303	261	169	139
Greenville, S. C. [2]	314	336	333	285	272	219	181	124	128
Norfolk, Va	865	951	898	859	804	682	566	425	371
Raleigh, N. C	406	313	297	297	300	288	259	180	170
Richmond, Va	1,709	1,690	1,711	1,720	1,773	1,656	1,480	1,305	1,185
Atlanta district:									
Atlanta, Ga	1,905	1,961	1,886	2,026	2,553	1,917	1,625	1,283	1,200
Augusta, Ga	348	320	331	331	329	258	207	154	151
Birmingham, Ala	1,604	1,726	1,794	1,806	1,785	1,475	1,158	739	635
Chattanooga, Tenn	515	582	587	594	632	571	455	320	275
Jacksonville, Fla	1,188	1,341	1,047	903	908	834	684	513	477
Knoxville, Tenn	383	413	423	441	435	372	307	247	167
Macon, Ga	291	287	270	272	245	203	155	113	106
Mobile, Ala	423	470	483	482	496	443	350	272	234
Montgomery, Ala	292	288	314	333	344	286	205	153	157
Nashville, Tenn	978	1,003	1,090	1,220	1,326	1,087	826	640	583
New Orleans, La	4,314	4,146	4,189	4,109	4,095	3,531	3,162	2,307	1,920
Pensacola, Fla	107	107	96	92	90	80	70	52	51
Savannah, Ga	560	603	610	534	522	442	362	286	252
Tampa, Fla	904	921	579	408	416	354	298	226	187
Vicksburg, Miss	102	96	92	95	91	70	54	45	49
Chicago district:									
Bay City, Mich	158	162	157	153	166	139	113	74	54
Bloomington, Ill	155	156	157	172	192	173	143	97	75
Cedar Rapids, Iowa	500	486	499	546	573	549	468	339	176
Chicago, Ill	40,470	42,839	45,970	51,162	58,739	47,094	35,065	23,823	21,939
Davenport, Iowa	382	410	432	510	564	566	455	265	140
Decatur, Ill	232	240	248	250	258	234	177	121	104
Des Moines, Iowa	894	975	986	997	1,022	980	857	696	611
Detroit, Mich	9,971	10,482	10,225	13,427	14,759	11,693	9,051	6,255	3,807
Dubuque, Iowa	183	185	195	202	190	179	137	86	63
Flint, Mich	380	439	524	605	632	446	360	251	151

For footnotes see p. 259.

No. 279.—DEBITS TO INDIVIDUAL ACCOUNTS: VOLUME REPORTED BY BANKS IN 141 PRINCIPAL CITIES—Continued

District and city	1925	1926	1927	1928	1929	1930	1931	1932	1933 [1]
Chicago district—Continued.									
Fort Wayne, Ind.	522	510	516	560	637	554	434	283	216
Grand Rapids, Mich.	1,026	1,040	995	1,052	1,107	881	754	538	330
Indianapolis, Ind.	1,884	2,207	2,223	2,279	2,503	2,165	1,885	1,462	1,226
Kalamazoo, Mich.	273	292	307	344	358	304	252	176	116
Lansing, Mich.	403	402	385	420	512	362	281	177	100
Milwaukee, Wis.	3,398	3,620	3,700	3,740	3,796	3,532	2,932	2,215	1,988
Peoria, Ill.	554	571	578	644	739	664	501	372	338
Rockford, Ill.	339	381	398	432	470	378	271	133	129
Sioux City, Iowa	1,033	976	867	699	753	678	503	304	290
South Bend, Ind.	594	608	588	596	651	617	445	291	199
Waterloo, Ind.	221	236	244	273	290	246	172	84	77
St. Louis district:									
Evansville, Ind.	472	492	581	582	462	324	269	187	161
Little Rock, Ark.	884	979	954	995	[3] 628	494	329	223	187
Louisville, Ky.	2,262	2,358	2,312	2,458	2,524	2,184	1,574	1,248	1,196
Memphis, Tenn.	1,823	1,821	1,952	1,912	2,196	1,681	1,206	988	958
St. Louis, Mo.	8,944	9,090	8,951	9,548	9,841	8,348	7,085	5,187	4,485
Minneapolis district:									
Aberdeen, S. Dak.	84	81	81	90	86	74	60	40	31
Billings, Mont.	91	95	100	117	120	98	84	60	55
Duluth, Minn.	1,277	954	1,112	1,094	1,094	884	611	410	419
Fargo, N. Dak.	173	186	188	229	242	207	179	144	120
Grand Forks, N. Dak.	101	103	99	103	98	84	72	52	37
Helena, Mont.	114	108	109	116	124	105	91	68	64
Minneapolis, Minn.	5,069	4,684	4,838	5,295	6,010	5,081	3,871	2,913	3,196
St. Paul, Minn.	2,037	1,987	2,074	2,148	2,261	2,038	1,669	1,300	1,123
Superior, Wis.	93	98	99	104	105	92	72	51	33
Kansas City district:									
Albuquerque, N. Mex.	121	132	144	155	162	151	127	92	70
Bartlesville, Okla.	193	251	286	213	279	314	209	207	225
Colorado Springs, Colo.	185	181	181	202	208	202	169	128	112
Denver, Colo.	2,130	2,159	2,119	2,196	2,434	2,058	1,687	1,231	1,134
Joplin, Mo.	210	222	187	172	185	130	91	72	74
Kansas City, Kans.	237	245	246	247	245	240	185	133	104
Kansas City, Mo.	4,465	4,633	4,656	5,077	5,699	4,986	3,856	2,830	2,659
Muskogee, Okla.	154	145	145	146	153	126	94	76	71
Oklahoma City, Okla.	1,036	1,134	1,262	1,364	1,569	1,473	1,043	720	667
Omaha, Nebr.	2,437	2,387	2,408	2,601	2,767	2,507	2,004	1,329	1,146
Pueblo, Colo.	246	247	268	262	285	252	218	150	143
St. Joseph, Mo.	742	748	682	714	704	563	414	272	253
Topeka, Kans.	211	212	230	248	249	246	204	148	131
Tulsa, Okla.	1,269	1,532	1,577	1,658	1,996	1,780	1,086	872	760
Wichita, Kans.	557	596	[4] 698	829	882	743	543	384	328
Dallas district:									
Austin, Tex.	249	238	238	238	271	243	221	191	173
Beaumont, Tex.	214	259	288	301	344	302	236	168	141
Dallas, Tex.	2,527	2,542	2,620	2,868	3,134	2,641	2,001	1,585	1,505
El Paso, Tex.	397	381	385	426	491	433	290	185	156
Fort Worth, Tex.	909	1,018	1,139	1,277	1,377	1,084	837	632	552
Houston, Tex.	[5] 1,984	[5] 2,116	2,186	2,319	2,536	2,222	1,799	1,360	1,325
Shreveport, La.	474	484	468	506	539	451	344	279	261
Texarkana, Tex.	113	126	126	128	128	97	70	44	37
Tucson, Ariz.	109	109	111	128	142	131	125	99	73
Waco, Tex.	221	201	221	224	233	192	159	123	116
San Francisco district:									
Boise, Idaho	151	163	169	187	191	175	159	118	104
Fresno, Calif.	468	485	495	436	424	395	272	188	161
Long Beach, Calif.	572	591	580	674	752	580	473	307	244
Los Angeles, Calif.	9,458	10,475	11,109	12,912	14,622	11,999	9,288	6,561	5,590
Oakland, Calif.	1,720	2,065	2,697	3,017	2,846	2,317	2,247	2,021	1,782
Ogden, Utah	320	249	226	234	245	224	167	116	116
Pasadena, Calif.	417	445	481	487	490	406	354	249	198
Portland, Oreg.	1,999	2,195	2,046	2,202	2,371	2,100	1,711	1,177	1,142
Reno, Nev.	104	111	114	123	156	133	119	82	55
Sacramento, Calif.	438	394	480	605	625	581	558	451	291
Salt Lake City, Utah	865	865	862	927	1,012	885	711	515	457
San Diego, Calif.	669	771	743	753	776	657	558	400	317
San Francisco, Calif.	11,496	12,598	15,052	18,384	16,987	15,055	11,179	7,742	6,899
Seattle, Wash.	2,425	2,551	2,616	2,958	3,297	2,814	2,242	1,515	1,338
Spokane, Wash.	627	670	668	686	737	612	485	328	244
Stockton, Calif.	317	325	343	352	345	285	205	151	126
Tacoma, Wash.	524	548	539	559	608	526	385	243	209
Yakima, Wash.	160	162	160	173	187	178	142	93	82

[1] 11 months; figures for March not available.
[2] Figures through April, 1928, are for Charleston, S. C. Greenville substituted for Charleston in national summaries beginning May, 1928.
[3] Revised figure.
[4] Includes debits of $64,250,000 for June–December, 1927, of 10 banks not reporting until June, 1927.
[5] Revised to include 8 banks, figures for which did not become available until 1927.

Source: Federal Reserve Board.

No. 280.—BANKS SUSPENDED AND REOPENED: CONTINENTAL UNITED STATES, 1921 TO 1932

NOTE.—Capital and [illegible] in thousands of dollars. Banks closed on account of financial difficulties by order of supervisor the bank. Figures of suspensions include banks subsequently reope 1933, see Table 281

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	3,335	20,197	25	7,874
1923	646	21,367	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	38,483	2	427
1929	659	33,432	230,643	69	28,586	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	715,626	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	7,113	2	3,356	305	10,204	65,733	91	34,222
1923	32	2,110	12,559	3	1,133	524	14,434	102,798	55	12,545
1924	38	2,670	13,645	2	549	615	18,102	131,616	92	24,407
1925	28	1,950	9,883	2	315	472	14,813	102,998	71	19,175
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	59,980
1931	107	34,414	293,957	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. 281.—BANKS SUSPENDED AND NONLICENSED BANKS PLACED IN LIQUIDATION OR RECEIVERSHIP, 1933

NOTE.—Banks reorganized under old charters after recapitalization or waiver of a portion of deposits are [illegible] are as of [illegible] able and [illegible], 1932, or [illegible] ject to change

	Number of banks				Deposits (thousands of dollars)			
	Total	National	State member	Nonmember	Total	National	State member	Nonmember
Banks suspended Jan. 1 to Mar. 15	462	66	23	373	217,735	73,183	21,742	122,810
Jan. 1 to Mar. 4	420	64	22	334	202,193	71,802	21,633	108,758
Mar. 4 to 15	42	2	1	39	15,542	1,381	109	14,052
Licensed banks suspended, Mar. 16 to Dec. 31 [1]	221	9	8	206	152,538	17,490	3,527	131,521
Mar. 16 to 31	39			39	25,144			25,144
April–June	69	4	4	61	79,794	13,167	1,600	65,027
July–September	46	4	1	41	33,069	4,179	1,860	27,030
October–December	67	1	1	65	14,531	144	67	14,320
Nonlicensed banks placed in liquidation or receivership, Mar. 16 to Dec. 31 [2]	1,100	464	[3] 45	591	1,894,700	966,676	[3]646,990	281,034
Mar. 16 to 31	95	9	4	82	22,687	2,650	2,704	17,333
April–June	278	34	20	224	1,168,996	540,094	522,573	106,329
July–September	324	143	13	168	387,712	197,489	82,211	108,012
October–December	403	278	8	117	315,305	226,443	39,502	49,360
Nonlicensed banks [4] **(other than mutual savings) on—**								
Mar. 15		1,400	221			2,163,595	924,177	
Apr. 12	4,215	1,108	148	2,959	3,981,232	1,818,541	841,382	1,321,309
June 30	3,078	985	110	1,983	2,329,999	1,028,347	237,668	1,063,984
Dec. 30	1,905	452	60	1,393	1,202,420	434,978	92,876	674,566

[1] Includes banks placed in liquidation or receivership and banks placed on a restricted basis; excludes banks reported as having been absorbed or succeeded by, or consolidated with other banks.
[2] Includes nonlicensed banks absorbed or succeeded by other banks.
[3] Includes 7 banks with deposits totaling $81,648,000 which did not receive licenses following the banking holiday and withdrew from the Federal Reserve System before being placed in liquidation.
[4] Banks on a restricted basis or not in operation but not placed in liquidation or receivership.

Source of tables 280 and 281: Federal Reserve Board.

12. NATIONAL WEALTH AND INCOME

(Data in this section relate to continental United States)

No. 282.—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	7,136	7,136	----------	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	[2] 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	69,848	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	3,306	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	228	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. 283.—WEALTH: Estimated Value of All Tangible Property Situated in Each Geographic Division and State

NOTE.—See headnote to Table 282. 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 1922					
	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	2,918
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	3,086
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	47,901	77,663	71,358	1,277	1,589	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	2,036	3,187
East North Central	15,041	19,662	23,991	39,608	68,823	65,516	1,117	1,230	1,416	2,113	3,063
Ohio	3,951	5,019	5,947	9,123	18,489	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	8,317	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	4,482
Nebraska	1,276	1,626	2,009	3,721	5,320	5,128	1,205	1,525	1,882	3,049	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	2,428	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	348	362	414	811	1,385
Georgia	852	936	1,168	2,163	3,897	3,726	464	422	493	802	1,306
Florida	390	356	431	937	2,440	2,329	995	673	729	1,167	2,358
East South Central	3,137	3,654	4,285	7,411	12,990	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	1,469
Tennessee	888	957	1,104	1,884	4,228	3,975	502	473	520	848	1,773
Alabama	623	775	965	2,016	3,002	2,891	412	424	494	931	1,244
Mississippi	454	557	688	1,235	2,178	2,081	352	359	416	667	1,216
West South Central	3,284	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	1,439
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	1,551	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	2,633	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	3,255
New Mexico	232	268	332	495	852	737	1,507	1,374	1,587	1,388	2,290
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	4,503	5,214	5,003	6,998
Pacific	3,885	4,633	6,019	13,777	23,573	21,805	2,076	1,917	2,290	3,002	3,934
Washington	761	782	1,052	3,183	5,122	4,696	2,177	1,509	1,806	2,484	3,600
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	8,537	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. 284.—NATIONAL INCOME PRODUCED AND PAID OUT

NOTE.—Und[illegible] items have not been included:
of services
earnings from illegal pursuits, and changes in value of assets i
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	1929	1930	1931	1932
Income produced	83,032	70,345	54,643	39,365	100.0	84.7	65.8	47.4
Income paid out	81,136	75,410	63,247	48,894	100.0	92.9	78.0	60.3
Business savings	1,896	−5,065	−8,604	−9,529				
Cost of living index [1]					100.0	97.4	88.9	80.4
Wholesale price index [1]					100.0	90.7	76.6	68.0

[1] Bureau of Labor Statistics.

No. 285.—NATIONAL INCOME PAID OUT, BY TYPES OF PAYMENT

	Amount (millions of dollars)				Percent distribution			
	1929	1930	1931	1932	1929	1930	1931	1932
Income paid out, total	81,136	75,410	63,247	48,894	100.0	100.0	100.0	100.0
Labor income, total [1]	52,793	48,582	40,896	31,533	65.1	64.4	64.7	64.5
Salaries (selected industries) [2]	5,702	5,661	4,738	3,383	7.0	7.5	7.5	6.9
Wages (selected industries) [2]	17,179	14,210	10,542	6,840	21.2	18.8	16.7	14.0
Salaries and wages (all other industries)	29,052	27,794	24,622	20,302	35.8	36.9	38.9	41.5
Property income, total [3]	12,206	12,228	10,498	8,472	15.0	16.2	16.6	17.3
Dividends	5,964	5,795	4,313	2,588	7.4	7.7	6.8	5.3
Interest	5,677	5,815	5,649	5,491	7.0	7.7	8.9	11.2
Entrepreneurial income, total	16,136	14,602	11,853	8,890	19.9	19.4	18.7	18.2
Net rents and royalties	4,116	3,475	2,752	1,865	5.1	4.6	4.4	3.8
Entrepreneurial withdrawals	12,020	11,127	9,102	7,024	14.8	14.8	14.4	14.4

[illegible] and compensation for injury.
[illegible] construction, steam railroads, Pullman, railway express, and water

[3] Includes also net balance of international flow of property incomes.

No. 286.—NATIONAL INCOME PRODUCED AND INCOME PAID OUT, BY INDUSTRIAL DIVISIONS

[In millions of dollars]

	Income produced				Income paid out			
	1929	1930	1931	1932	1929	1930	1931	1932
Total	83,032	70,345	54,643	39,365	81,136	75,410	63,247	48,894
Agriculture	7,538	5,620	3,866	2,232	6,361	5,720	4,517	3,459
Mining	1,876	1,315	732	527	2,123	1,779	1,278	837
Electric light and power and gas	1,289	1,225	1,178	958	1,306	1,503	1,461	1,216
Manufacturing	19,354	14,292	9,677	5,873	18,157	16,141	12,490	8,373
Construction	3,087	2,644	1,667	454	3,135	2,825	1,897	864
Transportation	7,020	6,082	4,868	3,583	6,660	6,202	5,236	4,020
Communication	1,019	987	897	740	912	943	887	797
Trade	11,353	9,484	7,366	5,408	11,238	10,424	9,103	7,326
Finance	9,633	8,648	6,612	4,614	10,054	9,265	8,006	6,183
Government	6,456	6,763	6,792	6,796	6,456	6,763	6,792	6,796
Service	8,453	7,826	6,522	4,813	8,479	7,968	6,731	5,273
Miscellaneous	5,953	5,460	4,467	3,367	6,255	5,877	4,850	3,750

Source of Tables 284, 285, and 286: Bureau of Foreign and Domestic Commerce in cooperation with the National Bureau of Economic Research, New York City.

13. BUSINESS FINANCE

No. 287.—FOREIGN EXCHANGE RATES ON CABLE TRANSFERS, NEW YORK

[Foreign Exchange Rates—Interest Rates—Insurance—Capital Issues—Stock Exchange Transactions—Commercial Failures]

Country	Monetary unit	Mint par	Yearly average rate in dollars							
			1926	1927	1928	1929	1930	1931	1932	1933
North America:		*Dollars*								
Canada	Dollar	1.0000	0.9999	0.9997	0.9991	0.9925	0.9984	0.9633	0.8809	0.9196
Cuba	Peso	1.0000	.9993	.9997	.9990	.9996	.9995	.9993	.9994	.9995
Mexico	do.[1]	.4985	.4831	.4720	.4811	.4818	.4713	[1].3549	.3185	.2810
South America:										
Argentina	Peso (gold)	.9648	.9215	.9630	.9648	.9513	.8351	.6674	.5844	[2 3].7280
Brazil	Milreis	[4].1196	.1444	.1184	.1197	.1181	.1071	.0703	.0712	[2].0796
Chile	Peso	.1217	.1208	.1207	.1215	.1206	.1208	.1207	.0791	[2].0768
Colombia	do	.9733	.9845	.9769	.9769	.9655	.9649	.9657	.9528	[2].8170
Peru [5]	Sol [6]	[6].2800	3.7410	3.7377	3.9705	3.9098	.3562	.2807	.2133	.1886
Uruguay	Peso	1.0342	1.0147	1.0134	1.0266	.9863	.8587	.5536	.4706	[2].6034
Venezuela [5]	Bolivar	.1930	.1926	.1898	.1925	.1930	.1890	.1704	.1475	.1862
Europe:										
Austria	Schilling	.1407	.1407	.1408	.1407	.1406	.1409	.1402	.1396	[2].1545
Belgium	Belga [7]	[7].1390	[7].03265	.1392	.1393	.1391	.1395	.1393	.1391	.1790
Bulgaria	Lev	[8].0072	.00721	.00724	.00721	.00722	.00721	.00716	.00719	.01004
Czechoslovakia.	Koruna [9]	[9].0296	.02962	.02962	.02963	.02961	.02964	.02962	.02962	.03823
Denmark	Krone	.2680	.2623	.2673	.2674	.2668	.2677	.2506	.1883	.1907
Finland	Markka	.0252	.02521	.02520	.02517	.02516	.02517	.02388	.01555	.01871
France	Franc	[10].0392	.03243	.03924	.03921	.03916	.03925	.03920	.03928	.05031
Germany	Reichsmark	.2382	.2380	.2376	.2386	.2381	.2385	.2363	.2375	.3062
Greece	Drachma	[11].0130	.01258	.01317	.01304	.01293	.01296	.01293	.00832	.00728
Hungary	Pengo	.1749	.1756	.1747	.1744	.1744	.1749	.1745	.1745	[2].2236
Italy	Lira	[12].0526	.03889	.05156	.05257	.05233	.05237	.05206	.05125	.06709
Netherlands	Florin	.4020	.4010	.4011	.4022	.4016	.4023	.4023	.4029	.5172
Norway	Krone	.2680	.2233	.2605	.2669	.2668	.2676	.2505	.1800	.2143
Poland	Zloty [13]	[13].1122	.1118	.1129	.1121	.1119	.1121	.1120	.1118	.1441
Portugal	Escudo	[14].0442	.05125	.05029	.04468	.04471	.04494	.04244	.03196	.03917
Rumania	Leu	[15].0060	.00462	.00604	.00613	.00596	.00595	.00595	.00597	.00780
Spain	Peseta	.1930	.1490	.1706	.1659	.1468	.1167	.0955	.0804	.1072
Sweden	Krona	.2680	.2676	.2681	.2680	.2678	.2685	.2525	.1847	.2203
Switzerland	Franc	.1930	.1931	.1926	.1926	.1928	.1938	.1940	.1940	.2484
United Kingdom.	Pound	4.8665	4.8582	4.8610	4.8662	4.8569	4.8621	4.5350	3.5061	4.2368
Yugoslavia	Dinar	[16].0176	.01765	.01760	.01760	.01759	.01768	.01768	.01641	.01761
Asia:										
Hong Kong	Dollar	[17]	.5333	.4921	.5007	.4717	.3385	.2433	.2346	.2945
China	Yuan [18]	[18]	.4998	.4394	.4614	.4190	.2992	.2244	.2174	[19].2860
India	Rupee	.3650	.3633	.3631	.3647	.3620	.3607	.3369	.2635	.3182
Japan	Yen	.4985	.4712	.4741	.4641	.4610	.4939	.4885	.2811	.2565
Malaya (British).	Straits Settlements dollar.	[20]	.5627	.5605	.5628	.5601	.5596	.5245	.4040	.4923

[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] Partly nominal.

[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] Parity of the milreis was establish[illegible] 927.

[5] Data for Peru and Venezuela for [illegible] by the Bureau of [illegible], Lima branch, an[illegible]

[6] [illegible] r. 27 to Dec. 31. Pa[illegible] 19.3 cents). The belga, which is equal to 5 francs, superseded [illegible]ber and December 1926.

[9] Legal stabilization at 2.96 cents effective Nov. 27, 1929. Previous nominal par value, 20.26 cents.

[10] [illegible] 3.9179 cents June 1928; former parity, 19.3 cents.

[11] [illegible]ity of 1.30 cents; former parity, 19.3 cents.

[13] The former par value was 19.3 cents.

[14] [illegible]ormer par value, 19.3 cents.

[15] [illegible]y, July 1, 1931; former par value, 108.05 cents.

[16] [illegible] was stabilized at 0.598 cent. The former par value was 19.3 cents.

[17] [illegible]ormer par value, 19.3 cents.

[18] [illegible] is fo[illegible]n containing 23.9025 grams of pure silver; quotation for 1933 [illegible] pure silver.

[19] Average quotation for the new yuan, Apr. 10 to Dec. 31 (see note 18). The average for the old yuan from Jan. 1 to Apr. 9 was 20.2103 cents.

[20] Legally equivalent to seven-sixtieths of 1 English pound sterling.

Source: Federal Reserve Board, except as noted.

No. 288.—FOREIGN EXCHANGE RATES, NEW YORK, BY MONTHS

NOTE.—For par of exchange of monetary units and yearly average rate see Table 287

	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*
1931:								
March	0.9998	0.4735	0.7804	0.0789	0.1206	0.1393	0.0391	0.2381
June	.9972	.4903	.7025	.0750	.1209	.1392	.0392	.2373
September	.9625	.3341	.5969	.0591	.1204	.1391	.0393	.2342
December	.8271	.3901	.5852	.0620	.1207	.1390	.0392	.2362
1932:								
January	.8513	.3933	.5827	.0616	.1205	.1391	.0393	.2365
February	.8729	.3787	.5822	.0617	.1205	.1394	.0394	.2374
March	.8945	.3368	.5829	.0621	.1206	.1394	.0393	.2378
April	.8988	.3337	.5822	.0654	.1065	.1400	.0394	.2374
May	.8844	.3025	.5832	.0713	.0600	.1402	.0395	.2379
June	.8674	.2690	.5852	.0750	.0602	.1394	.0394	.2369
July	.8707	.2773	.5856	.0760	.0603	.1387	.0392	.2372
August	.8755	.2857	.5857	.0762	.0603	.1387	.0392	.2378
September	.9026	.2992	.5859	.0762	.0604	.1386	.0392	.2378
October	.9123	.3111	.5858	.0762	.0603	.1389	.0393	.2377
November	.8730	.3222	.5858	.0763	.0603	.1387	.0392	.2375
December	.8660	.3199	.5859	.0763	.0603	.1385	.0390	.2379
1933:								
January	.8746	.3016	.5858	.0764	.0603	.1386	.0390	.2377
February	.8351	.2842	.5858	.0763	.0603	.1396	.0392	.2383
March	.8352	.2832	.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	.8080	.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

	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*
1931:									
March	4.8583	0.0524	0.4009	0.1073	0.2678	0.2279	0.3608	0.4937	0.5606
June	4.8649	.0523	.4024	.0967	.2680	.2144	.3600	.4937	.5604
September	4.5313	.0517	.4027	.0898	.2609	.2192	.3391	.4934	.5356
December	3.3737	.0511	.4023	.0840	.1871	.2373	.2536	.4346	.3903
1932:									
January	3.4312	.0504	.4018	.0839	.1919	.2370	.2582	.3599	.3969
February	3.4563	.0518	.4035	.0777	.1929	.2436	.2603	.3432	.3977
March	3.6393	.0518	.4028	.0760	.1985	.2392	.2731	.3216	.4133
April	3.7500	.0515	.4049	.0769	.1909	.2232	.2801	.3281	.4274
May	3.6751	.0515	.4055	.0812	.1872	.2171	.2732	.3197	.4224
June	3.6466	.0512	.4044	.0825	.1870	.2131	.2716	.3029	.4196
July	3.5496	.0510	.4027	.0805	.1822	.2064	.2668	.2745	.4007
August	3.4757	.0511	.4024	.0806	.1785	.2100	.2616	.2449	.4010
September	3.4711	.0513	.4016	.0810	.1781	.2104	.2622	.2363	.4025
October	3.3962	.0512	.4022	.0819	.1753	.2089	.2568	.2306	.3944
November	3.2753	.0511	.4018	.0817	.1743	.2059	.2478	.2062	.3800
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	3.4328	.0514	.4036	.0844	.1819	.2073	.2579	.2126	.3961
April	3.5793	.0537	.4195	.0888	.1881	[4] .2220	.2687	.2209	.4124
May	3.9324	.0609	.4695	.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

[1] Beginning with September, 1931, 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 grams 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. 289.—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 [illegible] the month having the greater

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	2½-10	3½-8	--------
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 - 7½	5¼- 6	5½-6	3⅞-4⅛
Apr.-June	2 - 6	5¼- 6	5⅝-6	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	4¼-4⅜
Apr.-June	3¼-15	5¼- 6	5 -6	4¼-4⅜
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	6 - 9	6 -9	6¼-6½
Oct.-Dec.	5 -16	6 - 8¼	6 -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	3¾-6¼	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	4½-5¼	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	2¼-3¾	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	3⅛-3¾
July-Sept.	4 - 6	4¼-5¼	4¼-5¼	3¾-4
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	4½-4⅝	4⅜-4⅝	3⅝-3⅞
July-Sept.	3½ -4½	3¾-4⅝	4⅛-4⅝	3⅛-3⅞
Oct.-Dec.	3½ -5½	4 -4¼	4 -4½	3¼-3⅝
1928				
Jan.-Mar.	4 - 5½	4⅛-4¾	4⅛-4¾	3¼-3⅜
Apr.-June	4½- 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	5⅜-5⅝
July-Sept.	6 -15	7½-9¼	7½-9¼	5⅛-5¼
Oct.-Dec.	4½-10	4½-9¼	4½-9¼	3⅞-5¼
1930				
January	4 - 6	4½-5	4½-5	3⅞-4⅛
February	4 - 4½	4½-4¾	4½-5	3¾-3⅞
March	2 - 4½	3½-4¾	3¾-4¾	2½-3½
April	3 - 4	3¾-4¼	3¾-4½	2⅞-3⅛
May	3 - 3½	3 -3¾	3¼-4	2⅜-2¾
June	2 - 3	2¼-3¼	2¾-3½	1⅞-2¼
July	2 - 3	2½-3	2¾-3½	1⅞-2
August	2 - 2½	2½-2¾	2¾-3¼	1⅞-2
September	2 - 3	2 -2¾	2½-3¼	1⅞-2
October	1½- 2	2 -2½	2½-3	1⅞-2
November	2	2 -2½	2¼-3	1⅞-2
December	2 - 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

[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 1929, 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. 290.—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)	Year and week	Call money	Time loans		Year and week	Bankers'-acceptances (90 days)
		60 to 90 days	4 to 6 months					60 to 90 days	4 to 6 months		
1932				1932		1933				1933	
Jan. 2	3 -3½	3 -4	3 -4	Jan. 4	3 -3⅛	Jan. 7	1	½	½- ¾	Jan. 3	⅜- ½
Jan. 9	2½-3½	3½-4	3½-4	Jan. 11	3 -3⅛	Jan. 14	1	½	½- ¾	Jan. 9	⅜- ½
Jan. 16	2½	3½-4	3½-4	Jan. 18	2¾-2⅞	Jan. 21	1	½	½- ¾	Jan. 16	⅜- ½
Jan. 23	2½	3½-3¾	3½-3¾	Jan. 25	2¾-2⅞	Jan. 28	1	½	½- ¾	Jan. 23	¼- ⅜
Jan. 30	2½	3½-3¾	3½-3¾					½	½- ¾	Jan. 30	¼- ⅜
Feb. 6	2½	3½-3¾	3½-3¾	Feb. 1	2¾-2⅞	Feb. 4	1	½	½- ¾	Feb. 6	¼- ⅜
Feb. 13	2½	3½-3¾	3½-3¾	Feb. 8	2¾-2⅞	Feb. 11	1	½	½- ¾	Feb. 14	⅜- ½
Feb. 20	2½	3½-3¾	3½-3¾	Feb. 15	2¾-2⅞	Feb. 18[1]	1	½	½- ¾	Feb. 20	⅜- ½
Feb. 27	2½	3½-3¾	3½-3¾	Feb. 23	2¾-2⅞	Feb. 25[1]	1	½-1¼	¾-1½	Feb. 27	1⅛-1¼
				Feb. 29	2⅝-2¾						
Mar. 5	2½	3 -3¾	3 -3¾	Mar. 7	2⅝-2¾	Mar. 4[1]	1 -4	2½-4	2½-4	Mar. 6[2]	1⅛-3½
Mar. 12	2½	3 -3½	3 -3½	Mar. 14	2½-2⅝	Mar. 11	(3)	(3)	(3)	Mar. 13[4]	3⅝-3¾
Mar. 19	2½	3 -3½	3 -3½	Mar. 21	2½-2⅝	Mar. 18	3 -5	3½-5	3½-5 5	Mar. 20	2 -2⅛
Mar. 26	2½	2¾-3¼	2¾-3¼	Mar. 28	2⅜-2½	Mar. 25	3 -3½	2½-3	2½-3	Mar. 27	2 -2⅛
Apr. 2	2½	2¾-3	2¾-3	Apr. 4	2⅛-2¼	Apr. 1	3	2 -2½	2 -3	Apr. 3	2 -2⅛
Apr. 9	2½	2¾-3	2¾-3	Apr. 11	1⅞-2	Apr. 8	1½-2	1 -2	1 -2½	Apr. 10	1¼-1⅜
Apr. 16	2½	2 -3	2 -3	Apr. 18	1⅛-1¼	Apr. 15	1 -1½	¾-1	1 -1¼	Apr. 17	½- ⅝
Apr. 23	2½	2 -2¼	2 -2¼	Apr. 25	⅛-1	Apr. 22	1	¾-1⅛	1 -1½	Apr. 24	⅝- ¾
Apr. 30	2½	1¾-2¼	2 -2¼			Apr. 29	1	1 -1½	1 -1½		
May 7	2½	1½-2	1¾-2¼	May 2	⅞-1	May 6	1	¾-1¼	1 -1½	May 1	½- ⅝
May 14	2½	1½-2	1½-2	May 9	1⅛-1¼	May 13	1	¾-1¼	1 -1½	May 8	½- ⅝
May 21	2½	1½	1½	May 16	⅞-1	May 20	1	¾-1¼	1 -1½	May 15	½- ⅝
May 28	2½	1½	1½	May 23	⅞-1	May 27	1	¾-1	¾-1½	May 22	½- ⅝
				May 31	⅞-1					May 29	½- ⅝
June 4	2½	1½	1½	June 6	⅞-1	June 3	1	¾-1	¾-1½	June 5	⅜- ½
June 11	2½	1½	1½	June 13	⅞-1	June 10	1	¾-1	¾-1½	June 12	⅜- ½
June 18	2½	1½	1½	June 20	⅞-1	June 17	1 -1¼	1¼-1½	1¼-1½	June 19	⅜- ½
June 25	2½	1½	1½	June 27	⅞-1	June 24	1	¾-1¼	1 -1½	June 26	⅜- ½
July 2	2½	1½	1½	July 5	¾- ⅞	July 1	1	¾-1	1 -1¼	July 3	⅜- ½
July 9	2 -2½	1½	1½	July 11	¾- ⅞	July 8	1	½-1¼	¾-1½	July 10	½- ⅝
July 16	2	1½	1½	July 18	¾- ⅞	July 15	1	¾-1¼	1 -1½	July 17	½- ⅝
July 23	2	1¼-1½	1¼-1½	July 25	¾- ⅞	July 22	1	1 -1¼	1¼-2	July 24	½- ⅝
July 30	2	1 -1½	1 -1½			July 29	1	1 -1½	1¼-2	July 31	½- ⅝
Aug. 6	2	1¼-1½	1¼-1½	Aug. 1	¾- ⅞	Aug. 5	1	1 -1½	1¼-2	Aug. 7	½- ⅝
Aug. 13	2	1¼-1½	1¼-1½	Aug. 8	¾- ⅞	Aug. 12	1	1 -1½	1 -2	Aug. 14	½- ⅝
Aug. 20	2	1¼-1½	1¼-1½	Aug. 15	¾- ⅞	Aug. 19	1	1 -1¼	1 -1½	Aug. 21	½- ⅝
Aug. 27	2	1¼-1½	1¼-1½	Aug. 22	¾- ⅞	Aug. 26	1	¾-1	¾-1¼	Aug. 28	⅜- ½
				Aug. 29	¾- ⅞						
Sept. 3	2	1 -1¼	1¼-1½	Sept. 6	¾- ⅞	Sept. 2	¾-1	½-1	¾-1¼	Sept. 5	¼- ⅜
Sept. 10	2	1¼-1½	1¼-1½	Sept. 12	¾- ⅞	Sept. 9	¾	½- ¾	½-1¼	Sept. 11	¼- ⅜
Sept. 17	2	1¼-1½	1¼-1½	Sept. 19	¾- ⅞	Sept. 16	¾	½- ¾	½-1	Sept. 18	¼- ⅜
Sept. 24	2	1 -1¼	1¼-1½	Sept. 26	¾- ⅞	Sept. 23	¾	½- ¾	⅝-1	Sept. 25	¼- ⅜
						Sept. 30	¾	½- ¾	⅝-1		
Oct. 1	2	1 -1¼	1¼-1½	Oct. 3	¾- ⅞	Oct. 7	¾	½- ¾	⅝-1	Oct. 2	¼- ⅜
Oct. 8	2	1	1¼	Oct. 10	¾- ⅞	Oct. 14	¾	½- ¾	⅝- ¾	Oct. 9	¼- ⅜
Oct. 15	1 -2	¾-1	¾-1¼	Oct. 17	⅞- ⅝	Oct. 21	¾	½- ¾	⅝- ¾	Oct. 16	¼- ⅜
Oct. 22	1	¾-1	¾-1¼	Oct. 24	½- ⅝	Oct. 28	¾	½- ¾	⅝- ¾	Oct. 23	¼- ⅜
Oct. 29	1	½-1	¾-1¼	Oct. 31	½- ⅝					Oct. 30	¼- ⅜
Nov. 5	1	½- ¾	¾-1	Nov. 7	½- ⅝	Nov. 4	¾	½- ¾	⅝- ¾	Nov. 6	¼- ⅜
Nov. 12	1	½	¾-1	Nov. 14	½- ⅝	Nov. 11	¾	½-1	⅝-1	Nov. 13	⅜- ½
Nov. 19	1	½	¾-1	Nov. 21	½- ⅝	Nov. 18	¾	¾-1	¾-1	Nov. 20	⅜- ½
Nov. 26	1	½	¾-1	Nov. 28	½- ⅝	Nov. 25	¾	¾-1	¾-1¼	Nov. 27	½- ⅝
Dec. 3	1	½	¾-1	Dec. 5	⅜- ½	Dec. 2	¾	¾-1	¾-1¼	Dec. 4	⅝- ¾
Dec. 10	1	½	¾-1	Dec. 12	⅜- ½	Dec. 9	¾-1	¾-1¼	¾-1¼	Dec. 11	⅝- ¾
Dec. 17	1	½	½-1	Dec. 19	⅜- ½	Dec. 16	1	¾-1¼	1¼-1½	Dec. 18	⅝- ¾
Dec. 24	1	½	½-1	Dec. 27	⅜- ½	Dec. 23	1	1 -1¼	1¼-1½	Dec. 26	⅝- ¾
Dec. 31	1	½	½-1			Dec. 30	1	¾-1¼	1¼-1½		

[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 th American Acceptance Council.

No. 291.—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	70,225	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	560	76,128	544,182	211,545	270,387	292,995	124,925	22,877	93,310
1910	593	94,734	572,899	206,212	263,303	291,534	123,692	34,857	94,389
1915	613	107,675	873,945	321,014	419,361	459,361	221,701	26,509	157,730
1916	608	118,094	965,859	345,561	493,936	535,753	244,813	39,742	172,207
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	629,252	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] 702	338,610	2,484,357	738,466	795,940	1,004,089	446,989	104,356	499,446

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	256,081
1915	45	12,003	12,634	4,470	9,609	431,365	471,996	226,171	415,549
1916	[3] 54	13,076	13,746	5,653	11,247	507,012	549,499	250,466	468,008
1917	56	13,642	14,003	5,868	11,326	628,289	695,924	299,710	551,464
1918	95	[4] 20,874	[5] 21,636	[6] 10,470	[6] 18,174	737,854	794,376	346,391	646,863
1919	[3] 105	23,067	24,146	8,739	18,909	833,948	908,312	344,308	702,357
1920	[3] 137	24,946	29,164	10,403	20,481	1,020,242	1,102,789	461,873	907,245
1921	[3] 121	28,864	32,777	13,921	29,073	861,770	948,699	528,675	951,997
1922	[3] 125	30,056	32,537	13,282	29,070	881,313	972,106	490,398	917,700
1923	[3] 116	35,715	37,831	14,809	33,210	914,622	1,040,007	519,603	996,598
1924	[3] 140	46,706	50,768	21,858	44,037	1,017,512	1,121,517	546,159	1,035,119
1925	[3] 134	43,370	45,120	21,110	42,474	1,094,046	1,233,207	581,041	1,103,262
1926	[3] 121	45,366	49,085	22,274	43,141	1,156,261	1,277,485	603,507	1,165,206
1927	[3] 111	46,489	50,085	22,385	44,233	1,154,922	1,309,471	566,639	1,136,700
1928	[3] 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	[3] 92	43,863	48,938	21,529	46,594	1,115,400	1,266,643	604,990	1,250,474
1931	[3] 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

[1] Exclusive of premium notes.
[2] Number of companies reporting.
[3] Figures for 1916 cover the business of 47 associations; 1919, 95; 1920, 101; 1921, 108; 1922, 105; 1923, 108; 1924, 133; 1925, 110; 1926, 115; 1927, 106; 1928, 108; 1930, 90; and 1931, 70.
[4] Premiums of 84 associations.
[5] Income of 88 associations.
[6] Losses paid and total disbursements of 89 associations.

Source: Insurance Yearbook of the Spectator Co., New York City.

No. 292.—FIRE INSURANCE: Outstanding Risks, Continental United States and Outlying Territories and Possessions, December 31

Note.—Covers transactions of members of the National Board of Fire Underwriters, both United States and foreign companies. Fire and lightning risks only beginning with 1918; in previous years marine risks are also included

[Amount covered and premiums charged in millions and tenths of millions of dollars]

Year or yearly average	Number of companies	Amount covered	Premiums charged [1]	Rate on $100	Year	Number of companies	Amount covered	Premiums charged [1]	Rate on $100
1877-1880	171	6,393.8	61.5	$0.9623	1922	174	96,283.3	936.4	$0.9726
1881-1890	152	10,992.8	113.7	1.0347	1923	184	105,927.5	1,017.0	.9601
1891-1900	140	18,368.0	190.5	1.0373	1924	197	115,683.4	1,092.0	.9440
1901-1910	156	31,923.7	354.9	1.1116	1925	210	128,255.2	1,189.9	.9277
1911-1920	181	62,275.8	629.0	1.0101	1926	210	137,739.9	1,257.9	.9132
1921-1930	208	127,872.7	1,168.8	.9140	1927	213	144,777.2	1,305.3	.9016
1917	197	72,331.7	698.3	.9654	1928	234	149,766.3	1,333.4	.8903
1918	154	63,083.1	638.1	1.0115	1929	246	153,902.4	1,353.2	.8792
1919	159	75,163.8	769.5	.0118	1930	239	152,676.2	1,286.7	.8427
1920	169	85,970.2	846.3	1.9844	1931	221	147,348.5	1,201.2	.8151
1921	175	93,715.3	916.6	.9780	1932	212	139,127.4	1,088.9	.7826

[1] Gross less reinsurance.

Source: Prior to 1931, Insurance Yearbook of the Spectator Co., New York City; beginning 1931, National Board of Fire Underwriters, New York City.

No. 293.—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	1929	1930	1931	1932	1933
Number of companies, total	169	210	246	239	221	212	210
United States companies	124	165	204	199	182	174	172
Foreign companies	45	45	42	40	39	38	38
Gross insurance written	100,194.7	140,496.9	155,437.6	151,349.2	145,100.4	132,806.0	(1)
United States companies	71,409.1	113,406.1	129,417.7	127,144.5	121,165.3	111,727.0	(1)
Foreign companies	28,785.6	27,090.8	26,019.9	24,204.7	23,935.1	21,079.0	(1)
[illegible]	963.6	1,226.0	1,244.8	1,164.1	1,063.5	931.9	(1)
[illegible]	533.9	644.3	655.9	584.0	508.2	450.5	405.2
[illegible]	450.9	599.0	645.6	614.7	563.6	508.0	457.0
Net losses paid	226.0	351.1	300.7	329.4	303.3	272.1	185.7
Net losses incurred	246.1	354.1	300.0	329.7	298.3	273.0	178.8
Net expenses	219.5	281.2	306.9	304.0	264.4	237.6	214.4
Agents' compensation	121.0	161.5	168.8	156.2	135.9	121.9	108.0
Taxes	27.6	20.1	30.5	29.7	21.4	18.4	15.8
Average annual rate of premium per $100 insurance	$0.9617	$0.8726	$0.8008	$0.7691	$0.7329	$0.7017	(1)
Per cent of—							
Net losses incurred to net premiums earned	54.6	59.1	46.5	53.6	52.9	53.7	39.1
Net losses incurred to net premiums written	46.1	55.0	45.7	56.4	58.7	60.6	44.1
Net expenses to net premiums earned	48.7	46.9	47.5	49.4	46.9	46.8	46.9
Net expenses to net premiums written	41.1	43.6	46.8	52.0	52.0	52.7	52.1
Agents' compensation to net premiums written	22.7	25.1	25.7	26.8	26.7	27.1	26.6
Taxes to net premiums written	5.2	3.1	4.7	5.1	4.2	4.1	3.9

[1] Data are not available.

Source: Prior to 1931, Insurance Yearbook of the Spectator Co., New York City; beginning 1931, National Board of Fire Underwriters, New York City.

No. 294.—FIRE LOSSES: TOTAL AND PER CAPITA, CONTINENTAL UNITED STATES

NOTE.—Amounts, except per capita, in thousands of dollars. Prior to 1916, [illegible] the New York Journal of C[illegible] over in the [illegible]nited States, adding 15 per ce[illegible] These figures are [illegible] shown for later years (the 1916 Journal of Commerce figure being $214,531,0[illegible] which cover all fires reported to the Actuarial Bureau Committee, adding 25 per cent 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, 044
1893	167, 544	1906	518, 612	1919	320, 540	1932	400, 859
1894	140, 006	1907	215, 085	1920	447, 887	1933	269, 778
1895	142, 110	1908	217, 886	1921	495, 406		
1896	118, 737	1909	188, 705	1922	506, 541		

Year	Cities reporting actual loss				Total United States		
	Num-	[illegible]	Actual re-	Loss per capita	Population (thousands)[2]	Estimated loss	Loss per capita [2]
1924	366	43, 376	146, 223	3. 37	113, 202	549, 062	4. 85
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, 934	2. 47	124, 070	451, 043	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	269, 778	2. 15

[1] See headnote.
[2] Population figures are estimates by the Bureau of the Census. Per capita loss is based on these estimates.

Source: Committee on Statistics, National Board of Fire Underwriters, except as noted.

No. 295.—LIFE INSURANCE: OPERATIONS OF ALL COMPANIES OF THE UNITED STATES, FROM ORGANIZATION TO JANUARY 1, 1933

NOTE.—Figures include domestic and foreign business of United States companies, but do not include operations of the Veterans' Bureau. (See pp. 148 and 149)

[All figures, except number of policies, in thousands of dollars]

	Total	Ordinary companies	Industrial companies
Total insurance issued since organization:			
Number of policies (thousands)	418, 091	[1] 85, 788	[2] 332, 303
Amount	264, 058, 825	[1] 199, 429, 933	[2] 64, 628, 892
Insurance in force Jan. 1, 1933:			
Number of policies (thousands)	115, 763	[1] 32, 818	[2] 82, 945
Amount	100, 154, 373	[1] 82, 888, 983	[2] 17, 265, 390
Receipts since organization, total	62, 782, 689	42, 093, 852	20, 688, 837
Premium and annuity	48, 596, 728	31, 499, 972	17, 096, 756
Interest, rents, etc	14, 185, 960	10, 593, 880	3, 592, 081
Payments to policyholders since organization, total	30, 017, 388	21, 652, 960	8, 364, 428
Death claims	12, 616, 258	8, 788, 487	3, 827, 771
Endowments and annuities [3]	3, 519, 458	2, 649, 827	869, 631
Purchased policies, surrender values	7, 010, 348	4, 987, 738	2, 022, 610
Dividends to policyholders	6, 871, 323	5, 226, 908	1, 644, 416
Admitted assets, Jan. 1, 1933	20, 754, 112	13, 072, 455	7, 681, 657
Capital, apportioned funds, and surplus, Jan. 1, 1933	1, 943, 855	1, 169, 975	773, 881

[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. 296.—LIFE INSURANCE: Summary of Financial Condition and Policy Account of All Companies of the United States

NOTE.—See headnote, Table 295

[All figures, except number of policies, in millions of dollars]

Year	Assets (admitted) Dec. 31	Liabilities,[1] Dec. 31	Total 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	-------	-------	-------	-------	-------	-------	29	-------	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	90	742	242	1,320	3,883	4,050	3,621	429
1900	1,742	1,493	401	169	1,280	566	3,176	11,219	8,561	7,093	1,468
1905	2,706	2,373	642	265	1,726	661	5,621	16,873	13,364	11,054	2,310
1906	2,924	2,557	667	287	1,451	631	5,793	17,841	13,707	11,253	2,454
1907	3,053	2,736	679	310	1,345	576	5,943	18,844	14,063	11,486	2,577
1908	3,380	2,939	704	336	1,469	594	6,165	19,688	14,519	11,850	2,669
1909	3,644	3,170	748	361	1,656	793	6,535	21,552	15,420	12,452	2,968
1910	3,876	3,386	781	387	1,822	735	6,964	23,034	16,404	13,227	3,177
1911	4,164	3,646	836	414	2,079	773	7,669	24,713	18,003	14,578	3,424
1912	4,409	3,880	893	449	2,240	842	8,159	26,696	19,265	15,556	3,709
1913	4,659	4,136	946	470	2,550	850	8,775	29,432	20,564	16,587	3,977
1914	4,935	4,365	985	509	2,457	858	9,045	31,159	21,589	17,426	4,164
1915	5,190	4,938	1,043	545	2,621	974	9,890	33,142	22,784	18,349	4,435
1916	5,537	5,253	1,118	566	3,213	999	10,698	35,675	24,679	19,868	4,811
1917	5,941	5,634	1,249	590	3,840	1,051	11,582	38,764	27,189	21,966	5,223
1918	6,475	6,202	1,325	710	3,988	1,143	12,768	41,852	29,870	24,167	5,703
1919	6,759	6,432	1,560	739	7,010	1,305	15,716	51,295	35,880	29,273	6,607
1920	7,320	6,989	1,764	745	8,490	1,615	16,695	49,805	42,281	35,092	7,190
1921	7,936	7,548	1,951	838	6,787	1,943	17,685	54,097	45,983	37,977	8,006
1922	8,652	8,124	2,149	973	7,506	2,268	18,814	58,283	50,291	41,404	8,887
1923	9,455	8,902	2,427	1,088	9,455	2,615	20,534	63,461	56,804	46,696	10,107
1924	10,394	9,799	2,703	1,174	10,152	3,043	22,092	68,248	63,780	52,436	11,344
1925	11,538	10,867	3,018	1,243	11,817	3,656	23,894	73,736	71,690	58,866	12,824
1926	12,940	12,177	3,330	1,373	12,413	4,048	25,501	77,965	79,644	65,457	14,187
1927	14,392	13,539	3,673	1,500	12,671	4,465	27,146	82,246	87,022	71,474	15,548
1928	15,961	15,043	4,088	1,699	14,168	4,505	29,151	85,844	95,206	78,521	16,686
1929	17,482	16,507	4,337	1,962	14,520	4,738	31,339	89,415	103,146	85,244	17,902
1930	18,880	17,862	4,594	2,247	14,160	4,860	32,776	89,436	107,948	89,661	18,287
1931	20,160	19,116	4,850	2,607	12,379	4,847	33,531	88,228	108,886	90,611	18,274
1932	20,754	19,774	4,653	3,087	9,721	4,793	32,818	82,945	100,154	82,889	17,265

[1] Not including unapportioned surplus and capital and prior to 1915 also apportioned surplus. For amount of latter item in recent years see Table 297.

[2] Includes group business.

Source: Prior to 1890 Frederic [illegible] and subsequent years, the Insurance Yearbook [illegible].

No. 297.—LIFE INSURANCE: Financial Condition and Business of All Companies of the United States

NOTE.—All money figures in thousands of dollars. See headnote, Table 295

	1900	1910	1920	1925	1930	1931	1932
Number of companies	76	214	272	308	352	342	328
Capital stock, Dec. 31	12,832	40,545	66,905	105,707	176,943	170,373	161,920
Income, total	**400,603**	**781,011**	**1,764,213**	**3,017,800**	**4,593,973**	**4,850,376**	**4,653,386**
Premium income, total	**324,724**	**593,388**	**1,384,939**	**2,383,913**	**3,524,327**	**3,661,105**	**3,504,256**
New premiums [1]	62,276	70,180	274,478	340,566	385,067	361,626	290,105
Renewals [1]	256,142	517,536	1,099,740	1,999,480	3,031,537	3,115,781	3,024,094
Annuities	6,306	5,672	10,721	43,867	107,723	183,698	190,057
Interest and other income, total	**75,879**	**187,623**	**379,274**	**633,887**	**1,069,646**	**1,189,271**	**1,149,140**
Interest, dividends, etc	64,949	160,514	324,370	527,577	853,188	891,803	885,189
Rents	8,226	10,310	16,312	23,125	37,292	40,587	45,764
Other	2,706	16,799	38,592	83,185	179,166	256,881	218,186

[1] Includes disability and double indemnity receipts and payments.

No. 297.—Life Insurance: Financial Condition and Business of All Companies of the United States—Continued

	1900	1910	1920	1925	1930	1931	1932
Expenditures, total	267,580	540,342	1,198,366	1,836,422	3,198,537	3,537,705	3,997,698
Paid to policyholders	168,688	387,302	744,649	1,242,974	2,246,776	2,606,551	3,087,014
Death losses	100,721	180,654	349,964	493,391	855,745	915,145	905,267
Matured endowments	18,335	46,349	101,181	114,473	112,027	116,977	122,601
Annuities [1]	4,122	7,426	16,897	38,531	111,124	128,807	150,338
Surrendered policies, etc	22,650	77,518	119,061	248,625	614,223	861,023	1,346,113
Dividends	22,860	75,354	157,547	347,954	553,658	584,599	562,694
Other expenditures	98,892	153,040	453,717	693,448	951,761	931,154	910,685
To agents, commissions, salaries, traveling expenses	61,282	87,629	257,822	390,499	497,549	457,024	398,817
Medical fees, salaries, other employee costs	13,034	26,037	61,566	99,233	134,253	138,252	136,253
Dividends to stockholders	1,028	2,140	5,308	14,500	21,917	16,984	13,971
Other	23,548	37,235	129,021	180,216	298,042	318,894	361,644
Admitted assets, Dec. 31, total	1,742,414	3,875,877	7,319,997	11,537,615	18,879,611	20,159,940	20,754,112
Real estate	158,119	172,961	172,011	265,938	547,562	683,235	933,948
Real estate mortgages	501,499	1,227,232	2,174,863	4,799,216	7,577,944	7,652,287	7,316,093
Stocks owned	794,632	129,622	51,356	81,462	465,951	517,565	523,564
Bonds owned	7,191	1,659,845	3,588,728	4,331,288	6,352,333	6,723,735	6,706,925
Collateral loans	64,489	18,941	41,301	20,416	31,008	31,323	23,649
Premium notes and loans	88,501	495,100	858,915	1,445,507	2,807,012	3,369,147	3,805,752
Net deferred and unpaid premiums	33,269	50,956	130,923	251,848	439,894	466,633	461,684
Cash in office and bank	75,440	71,113	124,747	124,252	152,216	178,662	323,852
Other	19,276	50,107	177,152	217,687	505,690	537,354	598,645
Asset items not admitted	12,249	25,186	77,424	119,178	[2] 73,453	[2] 114,248	[2] 147,561
Liabilities, Dec. 31, total	1,493,379	3,590,978	6,989,309	10,867,475	17,862,142	19,115,880	19,773,947
Reserve	1,443,452	3,225,966	6,337,970	9,926,515	16,231,489	17,384,463	17,839,178
Losses and claims unpaid	9,863	17,072	43,116	64,268	134,954	153,454	157,346
Claims resisted	999	1,779	2,475	5,413	11,446	16,802	21,431
Dividends unpaid and left to accumulate	3,598	5,533	53,048	134,272	303,345	316,457	322,717
Surplus apportioned [4]	(3)	279,614	412,339	503,793	807,862	814,217	963,797
Other	35,466	61,014	140,361	173,213	373,046	430,487	469,478
Surplus (including capital)	[3] 249,035	210,440	330,688	670,140	1,017,470	1,044,060	980,058
Total surplus funds	249,035	490,054	743,027	1,233,933	1,825,383	1,858,277	1,943,855
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	17,226,248	14,514,284
Ordinary [5]	1,280,265	1,822,260	8,489,971	10,563,128	12,604,029	11,321,430	8,911,083
Group				1,253,619	1,555,683	1,057,714	810,373
Industrial	566,002	734,793	1,615,474	3,656,253	4,860,078	4,847,104	4,792,828
In force Dec. 31, total	8,561,249	16,404,261	42,281,391	71,689,749	107,948,278	108,885,563	100,154,373
Ordinary, total [5]	7,093,220	13,227,213	35,091,538	54,566,797	79,774,841	80,657,119	73,780,240
Whole life	4,790,345	8,811,743	25,583,423	39,290,872	57,686,405	58,049,120	52,103,440
Endowment	1,664,450	3,043,689	6,975,433	9,636,968	14,319,675	14,918,839	14,502,690
Other	638,425	1,371,782	2,532,683	5,629,957	7,768,760	7,689,160	7,114,110
Group				4,290,271	9,886,029	9,954,011	9,108,742
Industrial	1,468,028	3,177,048	7,189,852	12,823,681	18,287,408	18,274,432	17,265,390
NUMBER OF POLICIES (thousands)							
Written during year, total	4,671	6,002	13,249	20,325	24,258	24,727	24,497
Ordinary [5]	729	993	3,924	3,897	5,384	5,252	4,721
Group				3	19	4	4
Industrial	3,942	5,009	9,325	16,425	18,856	19,471	19,771
In force Dec. 31, total	14,395	29,999	66,499	97,629	122,213	121,761	115,763
Ordinary [5]	3,176	6,964	16,695	23,882	32,739	33,499	32,788
Group				12	38	33	30
Industrial	11,219	23,034	49,805	73,736	89,436	88,228	82,945

[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] "Surplus apportioned" included in "Surplus, including capital."
[4] Comprises dividends apportioned and amounts set apart on deferred dividend polices and contingency and other special reserves.
[5] Includes "Group" prior to 1925.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 298.—LIFE INSURANCE: ORDINARY AND INDUSTRIAL INSURANCE WRITTEN AND IN FORCE, BY STATES

NOTE.—Totals in this table do not agree with totals in Tables 295 to 297 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	
	1931	1932	1931	1932	1931	1932	1931	1932
Continental United States [1]	13,840,456	10,882,461	89,467,900	84,994,363	4,793,966	4,812,608	17,666,539	16,670,000
New England	911,588	738,547	6,718,950	6,511,659	440,479	466,522	2,115,160	1,995,951
Maine	66,271	46,243	475,976	457,848	26,079	27,386	114,176	108,997
New Hampshire	37,100	31,020	293,112	287,688	17,501	19,766	87,240	84,534
Vermont	25,365	21,088	229,491	222,279	10,613	11,292	44,873	42,681
Massachusetts	498,878	407,389	3,648,457	3,535,739	245,338	258,715	1,171,951	1,109,754
Rhode Island	70,907	59,208	540,376	524,324	46,938	49,089	229,244	214,054
Connecticut	213,067	173,599	1,531,538	1,483,781	94,010	100,274	470,676	435,931
Middle Atlantic	4,066,526	3,369,007	27,949,458	26,872,038	1,503,085	1,538,705	7,310,020	6,912,148
New York	2,351,295	1,942,763	16,485,485	15,811,834	755,219	770,158	3,825,553	3,642,126
New Jersey	565,005	475,927	3,431,947	3,346,481	259,081	261,728	1,318,654	1,260,637
Pennsylvania	1,150,226	950,317	8,032,026	7,713,723	488,785	506,819	2,165,813	2,009,385
East North Central	3,415,246	2,545,812	21,166,439	19,776,817	1,058,568	1,011,022	3,724,436	3,452,855
Ohio	785,289	600,427	5,566,192	5,262,078	363,991	353,096	1,205,243	1,104,726
Indiana	427,222	295,608	2,231,113	2,076,108	150,424	143,726	530,120	485,320
Illinois	1,220,382	902,570	7,668,742	7,155,475	336,748	311,583	1,207,780	1,142,866
Michigan	730,038	554,503	3,674,103	3,353,243	154,331	148,828	504,508	463,783
Wisconsin	252,315	192,704	2,026,289	1,929,913	52,574	53,789	276,785	256,160
West North Central	1,311,696	1,043,934	9,164,346	8,695,694	263,265	265,858	957,206	948,857
Minnesota	253,269	216,849	1,965,563	1,893,159	35,041	31,654	164,263	156,556
Iowa	229,692	156,881	1,791,286	1,680,297	27,741	26,552	115,890	110,901
Missouri	417,072	342,317	2,756,003	2,613,013	155,904	153,191	545,227	521,673
North Dakota	27,919	21,902	277,079	254,302	9	13	204	205
South Dakota	41,685	29,276	312,384	279,259	11	12	227	193
Nebraska	173,157	142,850	1,007,945	989,390	14,242	13,243	54,048	52,459
Kansas	168,902	133,799	1,054,086	986,274	30,317	41,193	107,349	104,870
South Atlantic	1,170,773	908,333	7,392,269	6,956,874	748,872	760,709	1,619,510	1,547,762
Delaware	43,543	31,483	306,743	287,983	15,976	15,518	65,923	63,651
Maryland	150,833	128,002	1,161,731	1,132,768	117,811	128,960	406,578	396,597
Dist. of Columbia	117,218	84,314	654,974	654,041	44,326	47,963	134,289	135,224
[illegible]	156,523	136,204	1,110,919	1,070,461	117,622	117,822	246,436	234,839
[illegible]	145,888	100,102	769,896	720,609	40,585	38,093	110,065	103,032
[illegible]	185,783	124,334	1,102,988	1,019,211	112,902	113,367	196,446	188,956
South Carolina	82,630	75,023	506,347	474,534	95,671	106,997	147,523	134,884
Georgia	174,019	137,278	1,095,714	1,034,194	121,999	126,045	209,090	194,585
Florida	114,336	91,593	592,957	563,073	81,980	65,944	103,160	95,994
East South Central	553,879	414,115	3,431,160	3,154,680	308,458	321,899	581,357	538,792
Kentucky	152,852	122,576	1,031,672	970,502	86,755	85,262	236,363	219,680
Tennessee	193,379	150,731	1,107,523	1,026,686	122,648	135,368	201,102	189,421
Alabama	124,239	91,300	797,149	716,113	78,789	77,929	115,516	101,855
Mississippi	83,409	49,508	494,816	441,379	20,266	23,340	28,376	27,836
West South Central	965,930	784,269	5,033,585	4,743,943	262,357	244,298	514,289	490,513
Arkansas	101,252	64,711	509,496	473,773	24,311	22,575	44,339	42,380
Louisiana	130,527	100,840	817,559	780,320	49,142	47,835	133,359	129,537
Oklahoma	182,499	147,710	1,024,773	962,713	46,153	25,910	67,392	64,496
Texas	551,652	471,008	2,681,757	2,527,137	142,751	147,978	269,199	254,100
Mountain	321,938	247,501	2,084,188	1,981,492	28,811	30,336	129,119	124,318
Montana	33,943	31,516	261,155	254,404	2,849	3,183	14,192	12,932
Idaho	32,165	19,666	212,642	194,894	1,303	1,262	6,597	6,173
Wyoming	18,771	11,536	103,514	99,897	165	149	885	861
Colorado	129,946	105,881	850,798	817,885	17,736	17,269	77,596	73,893
New Mexico	18,067	17,972	111,444	109,953	170	1,299	574	1,356
Arizona	26,267	16,724	172,113	160,786	918	836	1,589	1,464
Utah	54,571	37,548	321,967	293,891	5,650	6,310	27,342	27,290
Nevada	8,208	6,658	50,555	49,782	20	28	344	349
Pacific	1,119,106	822,277	6,477,770	6,197,585	180,071	173,259	681,041	659,550
Washington	173,220	121,597	1,142,856	1,080,224	21,980	23,484	95,518	92,807
Oregon	101,036	74,454	676,221	636,223	7,634	7,503	36,007	34,969
California	844,850	626,226	4,658,693	4,481,138	150,457	142,272	549,516	531,774

[1] Totals except industrial written include small amounts not distributed by States.

Source: Insurance Yearbook of the Spectator Co., New York, N.Y.

No. 299.—LIFE INSURANCE: Financial Condition and Policy Accounts 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]

	1926	1927	1928	1929	1930	1931	1932	1933[1]
Assets	11,140.6	12,384.7	13,723.7	15,015.9	16,206.3	17,345.2	17,937.7	18,248.7
Liabilities[2]	10,387.4	11,536.1	12,801.1	14,060.1	15,252.6	16,314.1	16,792.5	
Income, total	2,852.7	3,131.0	3,479.1	3,734.2	3,957.9	4,197.2	4,111.2	3,970.3
Premium income	2,189.8	2,410.0	2,654.4	2,820.4	2,974.9	3,119.9	3,012.6	2,901.9
Disbursements, total	1,817.5	1,954.8	2,202.5	2,492.2	2,787.1	3,099.4	3,540.3	3,543.5
Paid to policyholders[3]	1,244.7	1,351.4	1,540.2	1,782.7	2,041.4	2,357.5	2,783.0	
ORDINARY BUSINESS[4]								
Insurance in force:								
Number of policies	19,892	21,040	22,455	23,946	25,086	25,828	25,609	
Amount	53,680.0	58,649.0	64,367.4	69,886.5	73,568.2	74,752.7	71,477.8	68,176.5
Insurance written and paid for:								
Number of policies	2,715	2,825	3,178	3,498	3,566	3,508	3,273	
Amount	10,566.0	10,837.3	12,046.0	13,109.7	12,435.8	10,578.8	8,557.1	7,603.8
Policies terminated:								
Number	1,467	1,680	1,734	2,007	2,426	2,780	3,493	
Amount	4,971.6	5,872.3	6,238.2	7,590.6	8,753.5	9,511.4	11,835.9	10,901.9
By death, maturity, expiry, and disability:								
Number	467	501	563	660	757	876	993	
Amount	934.1	1,008.5	1,162.0	1,375.4	1,555.8	1,745.3	2,059.8	
By surrender, lapse, change and decrease:								
Number	1,000	1,179	1,171	1,347	1,668	1,911	2,500	
Amount	4,037.5	4,863.7	5,076.2	6,215.3	7,197.7	7,766.1	9,776.1	

[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. 300.—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	709.6	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	1,331.6	9,502.5	8,558
1915	472	212.8	28.0	133.3	122.3	123.6	98.7	16.1	922.9	8,604.4	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
1921	[1] 283	326.5	63.7	194.8	171.2	136.6	107.9	28.7	785.1	9,159.0	8,578
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	8,758.6	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	1,030.8	9,324.1	9,004
1929	[1] 269	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] 296.3	212.4	163.8	167.0	117.3	31.1	599.6	7,122.7	6,413

[1] Numbers reporting.
[2] Includes legal reserve not included prior to 1931.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 301.—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. Prior to 1920 the figures for the number of companies as given below include all known to be in existence whether reporting or not; thereafter they represent only the number reporting

[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	5,169	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	4,354	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
1921	[1] 62	15,250	11,149	18,929	22,125	10,584	7,621	19,306	607,438	1,773,787
1922	[1] 82	28,577	21,657	19,429	22,490	11,684	6,532	19,035	611,703	1,739,444
1923	[1] 127	30,749	17,488	31,462	34,435	17,932	12,711	30,938	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	2,259,669
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	35,546	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	48,338	963,011	2,483,753
1931	[1] 134	38,457	25,235	42,252	45,714	29,116	17,610	46,022	1,023,189	2,531,185
1932	[1] 109	34,900	22,735	35,180	38,126	25,286	13,045	39,592	507,868	1,751,103

[1] See headnote.

No. 302.—CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE: FINANCIAL CONDITION AND BUSINESS TRANSACTED (STOCK COMPANIES ONLY)

NOTE.—Data cover practically all stock companies doing casualty or surety business in the United States, including companies which transact life insurance in addition to accident and health [illegible] except as noted. Capital, assets, and net surplus include to surance companies, while income and disbursements items

[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 (including taxes)	Total expenditures
1895	53	20,676	42,211	13,044	16,684	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	63,191	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	[3] 189	93,737	1,014,386	92,861	459,170	489,774	196,360	183,514	400,724
1921	[3] 205	98,874	1,139,586	115,749	467,046	499,742	229,284	205,675	460,522
1922	[3] 189	119,890	1,304,134	144,295	444,241	498,143	221,690	201,461	464,551
1923	[3] 240	138,251	1,492,323	156,999	545,689	582,827	277,395	238,747	532,945
1924	[3] 258	150,009	1,671,188	179,679	613,941	665,395	320,883	251,950	600,568
1925	[3] 274	159,630	1,934,744	202,680	698,729	752,037	347,440	286,024	660,092
1926	[3] 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	1,037,570	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	[3] [4] 182	[4] 155,864	[4] 2,149,163	[4] 167,921	689,387	844,487	415,713	293,060	823,732

[1] Total premium receipts prior to 1910.
[2] Losses paid beginning 1924.
[3] Number of companies which show figures for the year.
[4] Excludes data for life insurance companies referred to in headnote, which were included in prior years as follows: Number of companies 96; capital $38,761,000; assets $974,702,000; net surplus $40,154,000.

Source of Tables 301 and 302: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 303.—STOCK CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES: PREMIUMS AND LOSSES, BY CLASSES OF INSURANCE

N[illegible]

lines

[All money figures in thousands of dollars]

Class	1931			1932			1933		
	Premiums received	Losses paid	Ratio, per cent	Premiums received	Losses paid	Ratio, per cent	Premiums received	Losses paid	Ratio, per cent
Total	**673,762**	**445,115**	**66.1**	**583,007**	**414,739**	**71.1**	**535,801**	**342,665**	**64.0**
Accident[1]	46,839	28,964	61.8	37,839	24,133	63.8	34,891	20,624	59.1
Automobile collision	12,564	8,679	69.1	7,105	4,666	65.7	5,609	3,133	55.9
Automobile fire				49	16	31.8	104	35	33.5
Automobile fire, theft, etc.[2]	1,442	826	57.3	726	353	48.5	886	360	40.7
Automobile liability	191,527	122,886	64.2	179,875	125,250	69.6	160,272	110,886	69.2
Automobile property damage	58,830	31,249	53.1	50,816	23,327	45.9	46,354	20,171	43.5
Automobile theft				46	26	56.7	90	59	65.6
Automobile (not segregated)[3]	5,889	4,828	82.0	7,813	4,892	62.6	10,523	5,488	52.2
Burglary and theft	32,636	15,005	46.0	27,147	13,973	51.5	25,641	9,969	38.9
Credit	4,446	4,271	96.1	3,648	3,266	89.5	2,037	996	48.9
Engine and machinery	2,410	362	15.0	2,065	652	31.6	2,063	635	30.8
Fidelity	44,045	23,028	52.3	42,287	23,661	56.0	40,063	17,189	42.9
Health[1]	15,594	11,411	73.2	13,640	10,634	78.0	11,112	8,302	74.7
Liability	57,292	27,791	48.5	52,087	27,931	53.6	51,935	26,904	51.8
Livestock	473	635	134.3	351	411	116.9	267	297	111.4
Noncancelable accident and health	6,408	4,533	70.7	6,272	4,866	77.6	5,583	5,872	105.2
Plate glass	11,828	5,079	42.9	10,229	4,747	46.4	10,562	4,482	42.4
Property damage and collision[4]	2,925	1,208	41.3	2,441	853	34.9	1,892	727	38.4
Sprinkler and water damage	772	328	42.5	584	272	46.6	629	238	37.8
Steam boiler	6,613	1,155	17.5	5,087	847	16.6	6,419	1,086	16.9
Surety	46,624	48,317	103.6	33,765	45,825	135.7	32,004	29,648	92.6
Taxicab	381	155	40.7	843	407	48.4			
Workmen's compensation	123,390	103,981	84.3	97,787	93,323	95.4	86,210	75,064	87.1
Other	834	424	50.9	505	404	80.0	655	459	70.0

[1] [illegible]

[2] [illegible] companies are as follows: 1931, pre[illegible]ceived, $79,983,000; losses paid, $44[illegible]. D[illegible]

[3] [illegible]

[4] [illegible]. plate glass, tornado, and other miscellaneous classes.

Source: The Spectator Co., New York, N. Y.

No. 304.—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 181 and 182, p. 181

Class and number of companies	1927	1928	1929	1930	1931	1932	1933
Grand total, for companies included[1]	**2,308**	**2,958**	**3,303**	**2,324**	**1,482**	**776**	**1,141**
Industrial and mercantile (163)	994	1,229	1,435	861	380	[2] *30*	260
Automobiles, parts, and accessories (24)	329	410	357	175	79	[2] *51*	82
Steel and railroad equipment (13)	149	188	321	104	4	[2] *120*	[2] *61*
Oil (18)	66	99	120	60	[2] *20*	18	11
Food (22)	126	139	156	141	117	84	90
Metals and mining (20)	38	59	82	32	4	[2] *11*	17
Machinery (15)	42	49	62	39	15	[2] *7*	2
Miscellaneous (51)	244	285	337	250	181	55	119
Public utilities (161)[4]	(3)	536	590	578	571	474	409
Telephone (103)[4]	228	253	276	270	272	224	184
Other public utilities (58)	(3)	283	314	308	299	250	225
Class I railroads (171)[5]	1,086	1,193	1,277	885	531	332	472

[1] Total for 1927 covers 437 companies, totals for other years cover about 475 to 495 companies (see number of companies given in parentheses in stub and notes 4 and 5).

[2] Deficit.

[3] Data for 58 other public utilities not available.

[4] 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.

[5] For 1932, 167 railroads; for 1933, 150.

Source: Federal Reserve Bank of New York.

No. 305.—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	1924	120	1,217,218	247,994	969,224
1915	80	817,529	13,675	803,854	1925	164	1,316,166	239,700	1,076,466
1916	102	1,159,601	3,700	1,155,901	1926	230	1,288,459	162,978	1,125,481
1917	65	720,297	37,650	682,647	1927	265	1,577,414	240,654	1,336,760
1918	28	23,465	2,600	20,865	1928	221	1,489,362	238,410	1,250,951
1919	65	771,045	379,257	391,787	1929	148	705,768	34,537	671,231
1920	104	602,938	105,500	497,438	1930	121	1,087,560	182,227	905,333
1921	116	692,413	69,105	623,308	1931	41	285,200	56,365	228,835
1922	152	863,048	99,421	763,627	1932	7	87,885	58,530	29,355
1923	76	497,597	77,000	420,597	1933	6	70,874	60,091	10,783

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 306.—CAPITAL ISSUES: SUMMARY, BY CLASSES, 1919 TO 1933

NOTE.—In millions and tenths of millions of dollars. [illegible] United States. Preferred stocks of no par value and all cor[illegible]e, other issues at par, except that in the figures for corporate i[illegible] at their market value. Corporate issues for 1912 to 1918 exclude re[illegible] subscriptions included in figures beginning 1919, and issues of less [illegible] issues include bonds issued by States, Territorie[illegible] chool and road districts and other independent [illegible]

Year	Total issues	New capital	Refunding	Total issues, by kinds						
				Corporate				Farm-loan	State and municipal	Foreign government
				Railroads	Public utilities	Industrials [1]	Miscellaneous			
1919	4,286.2	3,588.4	697.8	208.1	462.3	1,691.6	377.7	110.0	703.2	533.3
1920	4,010.0	3,634.8	375.2	377.9	496.8	1,627.6	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	1,235.7	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	1,529.6	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	2,459.8	4,306.6	-------	1,435.7	130.1
1930	7,677.0	7,023.4	653.7	1,026.5	2,566.2	1,151.9	728.6	86.5	1,497.6	619.6
1931	4,022.9	3,115.5	907.4	516.5	1,538.9	329.6	202.0	125.6	1,258.0	50.4
1932	1,730.3	1,192.2	538.0	61.0	540.3	20.9	21.8	169.6	[2] 850.8	66.0
1933	1,053.2	715.6	337.6	99.9	92.7	186.6	2.3	90.2	[2] 521.5	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	1923	3,232.8	2,316.4	180.5	736.0
1913	1,645.7	1,193.9		451.9	1924	3,838.6	2,569.3	403.0	866.3
1914	1,436.5	1,174.7		261.8	1925	4,738.1	3,040.2	386.9	1,311.0
1915	1,435.4	1,110.6		324.7	1926	5,299.6	3,648.0	333.8	1,317.8
1916	2,186.5	1,405.0		781.5	1927	7,319.2	5,190.4	355.5	1,773.3
1917	1,530.0	1,075.5		454.5	1928	7,817.9	3,916.6	274.1	3,627.2
1918	1,344.8	1,047.1		297.7	1929	10,026.4	2,842.3	262.6	6,921.4
1919	2,739.7	633.7	540.2	1,565.8	1930	5,473.3	3,248.0	657.0	1,568.3
1920	2,966.3	1,234.4	660.8	1,071.1	1931	2,589.0	1,840.8	405.1	343.1
1921	2,390.9	1,896.2	215.4	279.3	1932	643.9	405.8	214.0	24.0
1922	3,073.3	2,304.3	145.0	624.0	1933	381.6	138.5	90.4	152.7

[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 307.

Source: Corporate issues prior to 1919 from New York Journal of Commerce, all other data from the Commercial and Financial Chronicle.

No. 307.—CAPITAL ISSUES: CORPORATE, FOREIGN GOVERNMENT, FARM LOAN, AND STATE AND MUNICIPAL

[In millions and tenths of millions of dollars. See headnote Table 306]

Kind of issue	1926	1927	1928	1929	1930	1931	1932	1933
TOTAL								
All issues	7,430.3	9,933.7	9,991.8	11,592.2	2,677.0	4,022.9	1,730.3	1,053.2
Corporate, total	5,299.6	7,319.2	7,817.9	10,026.4	5,473.3	2,589.0	643.9	381.6
Domestic:								
[illegible]	[illegible]	4,466.2	3,174.1	2,369.4	2,810.3	1,628.0	405.8	138.5
[illegible]	[illegible]	302.5	264.9	250.6	620.3	400.1	214.0	88.8
[illegible]	[illegible]	1,054.7	1,397.1	1,694.7	421.5	148.0	10.9	15.2
Common stocks	676.6	683.5	2,994.1	5,061.8	1,105.0	195.1	13.1	137.4
Canadian	203.4	265.4	282.1	314.1	297.1	140.0	.....	.1
Other foreign	522.4	546.9	605.5	335.7	249.1	77.8	.....	1.6
Canadian Government	109.8	135.3	38.1	61.8	137.7	50.4	66.0	60.0
Other foreign government	514.1	777.1	651.1	68.3	481.9	.....	.....	.....
Farm-loan issues	131.3	179.6	63.9	.....	86.5	125.6	169.6	90.2
[illegible]	1,305.1	1,509.6	1,414.8	1,430.7	1,487.3	1,256.3	[1] 840.5	[1] 520.0
[illegible] ssessions	10.4	12.9	6.2	5.1	10.3	1.7	1.3	1.5
NEW CAPITAL								
All issues	6,344.1	7,791.1	8,114.4	10,182.8	7,023.4	3,115.5	1,192.2	715.6
Corporate, total	4,357.0	5,391.0	6,079.6	8,639.4	4,944.4	1,763.4	325.4	160.7
Domestic:								
Long-term bonds and notes	2,417.7	2,962.0	2,174.8	1,873.5	2,459.7	950.7	271.0	23.6
Short-term bonds and notes	249.2	220.7	210.5	204.7	520.0	288.7	34.1	10.7
Preferred stocks	509.3	874.2	1,149.1	1,516.7	412.2	116.2	10.5	15.2
Common stocks	577.8	599.9	1,811.6	4,407.1	1,091.2	195.1	9.7	105.1
Canadian	140.9	215.6	183.3	314.1	251.2	140.0	.....	.1
Other foreign	462.2	518.6	550.2	323.3	210.1	72.8	.....	.....
Canadian Government	60.8	89.3	35.1	52.2	130.6	40.9	26.0	.....
Other foreign government	481.3	737.6	550.6	68.3	417.3	.....	.....	.....
Farm-loan issues	91.1	86.8	63.9	.....	86.5	74.6	77.1	63.9
State and municipal:								
[illegible]	5	1,475.0	1,379.1	1,417.8	1,434.3	1,234.8	[1] 702.5	[1] 489.5
[illegible]	4	11.4	6.2	5.1	10.3	1.7	1.3	1.5
REFUNDING								
All issues	1,086.1	2,142.6	1,877.5	1,409.4	653.7	907.4	538.0	337.6
Corporate, totals	942.6	1,928.2	1,738.3	1,386.9	528.9	825.5	318.5	220.9
Domestic:								
Long-term bonds and notes	641.4	1,504.2	999.3	495.9	350.6	677.3	134.8	114.9
Short-term bonds and notes	45.3	81.8	54.4	45.9	100.2	111.4	179.9	72.1
Preferred stocks	34.3	180.5	248.0	178.0	9.4	31.9	.4	.....
Common stocks	98.8	83.7	282.5	654.7	13.8	.....	3.4	32.3
Canadian	62.6	49.8	98.8	.....	45.9	.....	.....	.....
Other foreign	60.2	28.3	55.3	12.4	9.0	5.0	.....	1.6
Canadian Government	49.0	46.0	3.0	9.6	7.2	9.5	40.0	60.0
Other foreign government	32.9	39.5	100.5	.....	64.6	.....	.....	.....
Farm-loan issues	40.2	92.8	.....	.....	.....	51.0	92.5	26.3
State and municipal:								
Domestic	21.5	34.6	35.6	12.9	53.0	21.4	[1] 87.0	[1] 30.5
U. S. territories and possessions	.....	1.5	.....	.....	.....	.....	.....	.....
CORPORATE ISSUES, NEW CAPITAL								
Total	4,357.0	5,391.0	6,079.6	8,639.4	4,944.4	1,763.4	325.4	160.7
Railroads	346.0	505.7	304.1	546.5	797.4	345.6	13.1	12.0
Public utilities	1,597.9	2,065.3	1,811.5	1,932.0	2,365.1	948.6	274.4	34.2
Iron, steel, coal, copper, etc	193.2	100.5	208.2	274.4	200.8	107.2	3.5	3.4
Equipment manufacturers	17.8	23.8	9.1	2.4	27.0	12.9	.....	.....
[illegible]	131.4	94.7	66.3	82.1	16.2	.....	.....	.9
[illegible]	526.9	705.4	852.5	1,177.2	519.7	136.6	10.9	106.2
Oil	262.7	317.3	193.7	270.9	263.5	15.1	.....	1.8
Land, buildings, etc	709.5	630.4	716.3	520.4	244.5	129.0	8.1	.9
Rubber	43.2	12.7	55.9	90.0	33.9	.....	2.2	.....
Shipping	21.5	26.3	21.2	31.3	10.0	1.7	.....	.....
Inv. trusts, trading, holding, etc	71.1	174.9	786.7	2,222.2	232.7	4.1	1.2	1.1
Miscellaneous	435.9	734.0	904.2	1,489.0	233.5	62.6	12.0	.3

[1] Figures do not include a total of $197,274,000 Reconstruction Finance Corporation advances to municipalities, either actually made or proposed to Dec. 31, 1932, and $664,910,000 of Federal Government funds made available to States and municipalities through the facilities of various agencies during 1933.

Source: Commercial and Financial Chronicle.

No. 308.—BROKERS' LOANS OUTSTANDING EACH MONTH, 1926 TO 1933

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	1932	1933	1932	1933
January	3,513	3,139	4,420	6,735	3,985	1,720	512	359	453	255	59	104
February	3,536	3,256	4,323	6,679	4,168	1,840	525	360	482	223	43	137
March	3,000	3,290	4,640	6,804	4,656	1,909	533	311	497	208	37	103
April	2,836	3,341	4,308	6,775	5,063	1,651	379	322	341	207	38	115
May	2,767	3,458	5,274	6,665	4,748	1,435	300	529	247	398	53	130
June	2,926	3,569	4,898	7,071	3,728	1,391	244	780	189	583	54	198
July	2,988	3,642	4,837	7,474	3,689	1,344	242	916	190	680	52	237
August	3,142	3,674	5,051	7,882	3,599	1,354	332	917	264	634	68	283
September	3,210	3,915	5,514	8,549	3,481	1,044	380	897	270	624	110	272
October	3,111	3,946	5,880	6,109	2,556	796	325	776	202	515	123	261
November	3,129	4,092	6,392	4,017	2,102	730	338	789	214	544	124	245
December	3,293	4,433	6,440	3,990	1,894	587	347	845	226	598	120	247

Source: Federal Reserve Board.

No. 309.—NEW YORK STOCK EXCHANGE TRANSACTIONS

Item	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Stocks (millions of shares)	236	282	454	451	577	920	1,125	810	577	425	655
Bonds, par value (millions of dollars):											
Railway and miscellaneous	1,568	2,345	2,332	2,004	2,142	1,967	2,182	1,927	1,846	1,642	2,099
United States Government	796	877	391	262	290	188	142	116	296	570	501
State, municipal, and foreign	425	582	661	721	837	749	658	721	908	755	769

Source: Commercial and Financial Chronicle.

No. 310.—MOVEMENTS OF AVERAGE PRICES OF STOCKS AND BONDS ON THE NEW YORK STOCK EXCHANGE, BY YEARS

Year	Stocks (dollars per share)						Price index, 40 bonds (per cent of par) [2]	Bond yields, municipal bonds (per cent) [3]
	25 industrials			25 railroads				
	High	Low	Average closing [1]	High	Low	Average closing [1]		
1913	67.08	50.27	58.19	91.42	75.82	82.97	----------	4.45
1914	61.71	48.48	58.08	84.94	66.35	77.57	----------	4.16
1915	109.97	51.85	75.35	82.84	66.13	73.16	76.76	4.23
1916	119.30	86.60	99.14	85.70	74.83	80.05	80.49	4.06
1917	99.74	62.81	85.44	81.22	52.06	69.12	75.58	4.31
1918	91.55	71.31	80.98	70.75	56.94	61.34	69.84	4.58
1919	138.12	80.37	105.77	68.78	54.48	62.06	69.07	4.50
1920	129.83	76.55	107.21	63.55	48.53	55.94	59.70	5.04
1921	90.60	66.24	79.38	56.54	47.59	53.21	60.15	5.02
1922	116.24	79.86	98.58	70.53	52.57	62.38	74.11	4.21
1923	118.44	99.05	107.78	67.05	54.61	60.15	71.72	4.27
1924	135.11	103.26	115.08	81.41	57.80	67.18	74.32	4.21
1925	185.36	128.83	152.65	95.29	73.50	82.48	77.04	4.13
1926	186.03	137.65	165.70	102.60	81.61	93.27	80.28	4.13
1927	247.48	171.49	214.54	124.22	99.34	113.81	83.69	3.99
1928	332.58	233.42	268.92	132.80	112.84	122.06	84.06	4.06
1929	469.49	220.95	366.29	158.71	107.92	135.87	79.21	4.32
1930	358.16	196.67	285.66	136.00	74.20	113.51	81.25	4.12
1931	251.22	110.73	187.15	94.93	24.49	63.01	74.95	4.07
1932	129.16	57.62	93.63	33.96	10.34	21.99	49.97	4.77
1933	150.21	75.39	118.42	47.57	18.31	30.84	58.64	5.14

[illegible] closing prices for these stocks.
[illegible] yields on the average prices of the selected bonds for each day of the month, the aver[illegible] 4 per cent to give the combined index.
[illegible] of 20 large cities at the end of each month since Jan. 31, 1917; previous figures are for the first of the month.

Sources: Stock prices, The Annalist; bond price index, Dow, Jones & Co.; bond yields, the Bond Buyer.

No. 311.—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	291,750	59,155	1896	1,151,579	15,088	156,082	226,096	14,985
1858	4,225	95,749	22,662	1897	1,058,521	13,351	105,014	154,332	11,559
1859	3,913	64,394	16,456	1898	1,105,830	12,186	82,577	130,663	10,722
1860	3,676	79,807	21,710	1899	1,147,595	9,337	50,221	90,880	9,733
1861	6,993	207,210	29,631	1900	1,174,300	10,774	78,080	138,496	12,854
1862	1,652	23,049	13,952	1901	1,219,242	11,002	55,456	113,092	10,279
1863	495	7,900	15,958	1902	1,253,172	11,615	58,730	117,477	10,137
1864	520	8,579	16,498	1903	1,281,481	12,069	90,014	155,444	12,879
1865	530	17,625	33,255	1904	1,320,172	12,199	84,438	144,202	11,820
1866	1,505	53,783	35,736	1905	1,357,455	11,520	57,826	102,676	8,913
1867	2,780	96,666	34,772	1906	1,392,949	10,682	66,610	119,202	11,159
1868	2,608	63,694	24,423	1907	1,418,075	11,725	138,536	197,385	16,834
1869	2,799	75,054	26,815	1908	1,447,554	15,690	146,199	222,316	14,169
1870	3,546	83,242	24,885	1909	1,486,389	12,924	102,773	154,603	11,963
1871	2,915	85,252	29,246	1910	1,515,143	12,652	136,538	201,757	15,947
1872	4,069	121,056	29,751	1911	1,525,024	13,441	124,517	191,062	14,215
1873	5,183	228,500	44,086	1912	1,564,279	15,452	126,287	208,117	13,145
1874	5,830	155,239	26,628	1913	1,616,517	16,037	174,688	272,672	17,003
1875	7,740	201,060	25,977	1914	1,655,496	18,280	265,293	357,909	19,579
1876	9,092	191,118	21,020	1915	1,674,788	22,156	183,454	302,286	13,644
1877	8,872	190,670	21,491	1916	1,707,639	16,993	113,590	196,212	11,547
1878	10,478	234,383	22,369	1917	1,733,225	13,855	103,465	182,441	13,168
1879	6,658	98,149	14,741	1918	1,708,061	9,982	101,638	163,020	16,331
1880	4,735	65,752	13,886	1919	1,710,909	6,451	67,038	113,291	17,561
1881	5,582	81,156	14,530	1920	1,821,409	8,881	195,504	295,122	33,230
1882	6,738	101,548	15,070						
1883	9,184	172,874	18,823	1921	1,927,304	19,652	409,038	627,402	31,926
1884	10,968	226,343	20,632	1922	1,983,106	23,676	413,358	623,896	26,351
1885	10,637	134,220	11,678	1923	1,996,004	18,718	388,382	539,387	28,816
1886	9,834	114,644	11,651	1924	2,047,302	20,615	337,945	543,225	26,351
1887	9,634	167,561	17,392	1925	2,113,312	21,214	248,067	443,744	20,918
1888	10,679	123,832	11,596	1926	2,158,457	21,773	202,345	409,232	18,795
1889	10,882	148,784	13,672	1927	2,171,688	23,146	256,740	520,104	22,471
1890	10,907	189,857	17,406	1928	2,199,049	23,842	255,478	489,560	20,533
1891	12,273	189,869	15,471	1929	2,212,779	22,909	226,028	483,250	21,094
1892	10,344	114,044	11,025	1930	2,183,008	26,355	442,800	668,284	25,357
1893	15,242	346,780	22,751	1931	2,125,288	28,285	434,939	736,309	26,032
1894	13,885	172,993	12,458	1932	2,076,580	31,822	509,135	928,313	29,172
1895	13,197	173,196	13,124	1933	1,960,701	20,307	270,730	502,831	24,761

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of failures:												
1923	2,126	1,508	1,682	1,520	1,530	1,358	1,231	1,319	1,226	1,673	1,704	1,841
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	1,685	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	1,756	1,708	1,573	1,787	1,804	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	2,087
1930	2,759	2,262	2,347	2,198	2,179	2,026	2,028	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
Liabilities (1,000 dollars):												
1923	49,210	40,628	48,393	51,492	41,022	28,678	35,791	24,335	[illegible]	[illegible]	[illegible]	[illegible]
1924	51,273	35,942	97,651	48,0								
1925	54,354	40,123	34,005									
1926												
1927												
1928												
1929												
1930												
1931				49,0								
1932												
1933												

Source: Dun and Bradstreet, Inc., New York, N.Y.

No. 312.—COMMERCIAL FAILURES: By States, 1933

[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	**1,960,701**	**20,307**	**270,730**	**502,831**	**4,615**	**179,933**	**14,105**	**233,014**	**1,587**	**89,883**
New England	**153,113**	**2,267**	**17,801**	**44,942**	**655**	**17,487**	**1,410**	**20,028**	**202**	**7,428**
Maine	16,577	181	977	2,594	27	1,090	133	1,269	21	235
New Hampshire	10,099	100	880	2,073	25	752	66	1,005	9	316
Vermont	6,711	31	533	987	10	776	19	163	2	49
Massachusetts	78,533	1,090	9,230	27,010	351	10,539	607	10,459	132	6,013
Rhode Island	11,778	256	713	1,600	67	619	177	841	12	140
Connecticut	29,415	609	5,468	10,678	175	3,711	408	6,291	26	675
Middle Atlantic	**488,179**	**6,326**	**89,445**	**192,335**	**1,748**	**66,659**	**3,921**	**82,123**	**657**	**43,553**
New York	243,760	4,131	49,917	122,394	1,201	40,636	2,442	48,071	488	33,687
New Jersey	78,874	842	6,221	22,606	249	8,108	518	10,644	75	3,854
Pennsylvania	165,545	1,353	33,307	47,335	298	17,916	961	23,408	94	6,011
East North Central	**411,841**	**3,832**	**66,717**	**115,032**	**898**	**44,612**	**2,696**	**50,034**	**238**	**20,385**
Ohio	109,698	1,114	19,898	29,926	237	11,792	805	14,385	72	3,749
Indiana	54,065	340	3,899	10,786	89	7,539	229	2,916	22	331
Illinois	131,837	1,309	24,123	48,446	344	17,034	884	19,077	81	12,336
Michigan	62,933	491	8,388	11,791	103	3,694	358	5,966	30	2,131
Wisconsin	53,308	578	10,409	14,082	125	4,554	420	7,690	33	1,838
West North Central	**228,500**	**1,596**	**18,495**	**25,027**	**220**	**7,110**	**1,295**	**13,832**	**81**	**4,085**
Minnesota	39,298	434	5,647	8,193	63	3,003	346	4,596	25	595
Iowa	44,492	264	4,151	5,201	37	1,125	216	2,431	11	1,645
Missouri	61,526	403	4,086	6,225	76	1,672	303	2,964	24	1,589
North Dakota	11,663	43	410	456	3	29	39	392	1	35
South Dakota	11,875	60	567	691	2	63	57	530	1	98
Nebraska	25,337	237	1,479	2,439	26	594	198	1,778	13	67
Kansas	34,309	155	1,555	1,821	13	624	136	1,141	6	56
South Atlantic	**193,451**	**1,662**	**27,684**	**38,273**	**302**	**17,008**	**1,244**	**17,769**	**116**	**3,496**
Delaware	4,549	18	348	401	5	164	12	216	1	21
Maryland	31,740	362	8,934	12,038	94	6,704	219	3,209	49	2,125
Dist. of Columbia	10,663	75	569	1,382	11	178	57	799	7	405
	30,029	244	1,945	3,312	36	467	199	2,786	9	59
	22,451	264	3,312	5,015	51	2,234	195	2,359	18	423
	30,675	295	8,100	9,202	50	5,310	234	3,706	11	186
	13,769	34	512	723	2	154	32	569		
Georgia	26,840	235	1,781	3,341	36	940	181	2,166	18	235
Florida	22,735	135	2,181	2,860	17	857	115	1,960	3	42
East South Central	**99,838**	**883**	**13,845**	**20,755**	**129**	**7,276**	**705**	**11,623**	**49**	**1,855**
Kentucky	32,673	183	2,324	3,109	30	869	145	2,052	8	188
Tennessee	28,355	321	5,144	7,320	60	2,289	237	4,549	24	481
Alabama	21,527	223	4,541	7,895	31	3,858	177	2,879	15	1,158
Mississippi	17,283	156	1,837	2,432	8	261	146	2,143	2	28
West South Central	**163,551**	**945**	**11,914**	**20,337**	**120**	**4,547**	**792**	**14,877**	**33**	**914**
Arkansas	19,451	203	3,598	4,310	25	937	167	3,168	11	205
Louisiana	24,422	106	1,654	2,124	18	288	86	1,705	2	131
Oklahoma	33,575	202	2,512	3,515	22	953	174	2,424	6	138
Texas	86,103	434	4,150	10,388	55	2,369	365	7,580	14	439
Mountain	**59,051**	**633**	**5,610**	**8,329**	**86**	**3,109**	**508**	**4,639**	**39**	**581**
Montana	9,029	82	393	662	8	176	68	451	6	35
Idaho	7,637	63	187	784	8	467	51	268	4	49
Wyoming	3,891	36	161	295	1	18	33	271	2	6
Colorado	18,079	215	3,303	4,108	33	1,942	167	1,919	15	246
New Mexico	5,454	52	389	585	6	210	44	367	2	8
Arizona	5,783	50	462	714	3	24	44	536	3	153
Utah	7,252	121	534	937	25	170	89	682	7	85
Nevada	1,926	14	181	245	2	101	12	143		
Pacific	**163,177**	**2,163**	**19,219**	**37,801**	**457**	**12,126**	**1,534**	**18,088**	**172**	**7,586**
Washington	33,228	423	2,888	5,979	83	2,060	308	3,103	32	816
Oregon	19,562	332	1,567	4,159	68	2,128	227	1,478	37	553
California	110,387	1,408	14,764	27,663	306	7,938	999	13,507	103	6,217

Source: Dun and Bradstreet, Inc., New York, N. Y.

No. 313.—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, 1933 (dollars)
	1930	1931	1932	1933	1930	1931	1932	1933	
Total commercial	26,355	28,285	31,822	20,307	668,284	736,309	928,313	502,831	24,761
Total manufacturing	6,278	6,412	7,279	4,615	238,639	283,453	350,097	179,933	38,989
Iron, steel and foundries	103	181	286	250	2,970	19,826	19,920	11,302	45,208
Machinery, vehicles, etc.	330	409	506	311	18,836	52,003	32,777	14,862	47,788
Woolens, carpets, etc.	30	54	61	33	2,047	5,516	3,013	1,022	30,970
Cottons and lace	26	11	38	14	4,620	4,807	8,345	2,861	204,357
Lumber and building lines	1,041	751	891	512	55,230	44,656	66,082	29,337	57,299
Clothing and furnishings	579	707	840	298	16,392	14,625	23,299	7,101	23,829
Hats, gloves, and furs	215	215	277	134	5,426	5,221	7,369	1,870	13,955
Chemicals and drugs	94	102	156	120	3,237	4,425	9,105	8,143	67,858
Paints	20	26	44	18	1,153	2,592	1,569	772	42,889
Printing and engraving	212	260	384	313	7,178	9,471	13,035	8,123	25,952
Milling and bakers	449	493	554	358	6,266	7,848	8,586	4,433	12,383
Leather, shoes, saddlery, and trunks	150	203	248	155	7,451	5,864	14,872	5,972	38,529
Tobacco, etc.	73	100	115	111	1,542	2,208	2,485	2,731	24,604
Glass, earthenware, and brick	115	106	237	215	7,669	10,539	11,563	9,706	45,144
All other	2,841	2,794	2,642	1,773	98,633	93,853	128,077	71,696	40,458
Total trading	18,393	20,170	22,624	14,105	272,930	355,358	431,179	233,014	16,520
General stores	1,197	1,408	1,461	782	15,966	24,700	26,541	13,122	16,780
Groceries, meat, and fish	3,309	3,719	4,311	3,449	31,925	44,346	47,221	35,522	10,299
Hotels and restaurants	1,132	1,159	1,258	865	20,882	44,001	51,533	21,225	24,538
Tobacco, etc.	272	295	280	166	2,543	3,152	3,923	1,507	9,078
Clothing and furnishings	2,819	3,055	3,680	1,692	35,292	47,165	57,188	22,094	13,058
Dry goods and carpets	1,267	1,441	1,623	857	25,986	26,054	36,033	17,341	20,235
Shoes and luggage	724	858	950	579	7,325	12,926	12,995	6,827	11,791
Furniture and crockery	866	937	1,108	465	18,195	25,431	29,192	13,015	27,989
Hardware, stoves, and tools	643	763	807	589	9,531	11,647	13,403	8,912	15,131
Chemicals and drugs	982	1,151	1,422	1,104	10,781	13,947	18,541	14,990	13,578
Paints	116	109	127	95	1,844	1,546	1,425	1,374	14,463
Jewelry and clocks	493	663	779	410	8,074	12,885	17,664	7,425	18,110
Books and papers	163	218	276	167	1,545	3,307	4,583	2,902	17,377
Hats, furs, and gloves	161	126	210	175	5,048	1,891	5,413	2,275	13,000
All other	4,249	4,268	4,332	2,710	77,993	82,360	105,523	64,483	23,794
Agents, brokers, etc.	1,684	1,703	1,919	1,587	156,714	97,499	147,037	89,883	56,637

Year	Number of failures				Liabilities (in thousands of dollars)			
	Total	Manufacturing	Trading	Agents, brokers, etc.	Total	Manufacturing	Trading	Agents, brokers, etc.
1914	18,280	4,620	12,851	809	357,909	135,636	165,865	56,408
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	6,451	1,865	4,013	573	113,291	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	254,794	139,700
1922	23,676	5,682	16,923	1,071	623,896	214,925	271,388	137,583
1923	18,718	4,968	13,064	686	539,387	281,316	209,930	48,140
1924	20,615	5,208	14,393	1,014	543,225	286,770	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

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. [illegible] in computing indexes for commodity groups, articles falling under more than one [illegible] adopted were included under each classification. For example, articles produced on [illegible] the consumer practically [illegible] as potatoes, milk, and eggs, were included among both farm products and foods. [illegible] 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. 314.—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:													
1918	131.3	125.0	122.7	126.4	128.3	128.1	129.0	132.0	134.3	137.5	136.3	136.3	136.3
1919	138.6	134.4	129.8	131.3	133.0	135.3	135.6	141.1	144.3	141.1	141.6	144.5	150.5
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	96.7	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
	1913 average=100												
Retail food prices:													
1918	168.3	160	161	154	154	158	162	168	171	178	181	183	187
1919	185.9	185	172	175	182	185	184	190	192	188	189	192	197
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	118.7	114.3
1932	102.1	109.3	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
	August, 1909–July, 1914=100												
Farm prices:[1]													
1918	202	198	200	199	197	196	193	197	207	213	209	205	208
1919	213	206	197	197	206	213	213	220	223	215	219	227	227
1920	211	229	228	229	239	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	139	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

[1] Revised series. Truck crops are included beginning 1924.

Sources: Wholesale and retail prices, Department of Labor; farm prices, Department of Agriculture.

No. 315.—WHOLESALE PRICES BY MAJOR COMMODITY GROUPS: INDEX NUMBERS

NOTE.—See general note, page 283. For indexes for all commodities for prior years see Table 316. For index [illegible] 1923–1925 as 100) showing price changes in farm products and foods compared [illegible] modities combined, see Table 549, p. 573

[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	58.9	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	109.5
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	62.6	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	163.7	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	108.3	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
1933 (1913=100)	*94.4*	*71.9*	*94.2*	*118.8*	*113.1*	*108.2*	*87.9*	*135.8*	*90.5*	*134.6*	*67.1*
1931											
January–March	77.0	71.3	78.8	87.7	70.7	71.4	86.6	82.9	83.6	88.1	71.9
April–June	73.4	67.5	74.5	87.7	67.4	64.5	85.0	80.3	80.4	87.0	70.6
July–September	71.8	63.0	74.1	87.7	65.5	65.6	84.0	77.6	77.4	84.4	68.7
October–December	69.7	57.7	71.1	81.3	62.0	68.5	82.5	76.0	75.9	80.1	67.4
1932											
January–March	66.5	51.2	63.2	78.3	59.0	68.0	81.2	73.8	75.5	77.4	65.0
April–June	64.6	47.2	59.7	72.8	54.4	70.8	80.1	71.6	73.7	75.3	64.4
July–September	65.0	48.7	61.5	70.2	53.3	71.7	79.8	69.9	73.1	73.8	64.5
October–December	63.6	45.9	59.8	71.3	54.0	70.6	79.8	70.7	72.5	73.7	63.7
1933											
January	61.0	42.6	55.8	68.9	51.9	66.0	78.2	70.1	71.6	72.9	61.2
February	59.8	40.9	53.7	68.0	51.2	63.6	77.4	69.8	71.3	72.3	59.8
March	60.2	42.8	54.6	68.1	51.3	62.9	77.2	70.3	71.2	72.2	58.9
April	60.4	44.5	56.1	69.4	51.8	61.5	76.9	70.2	71.4	71.5	57.8
May	62.7	50.2	59.4	76.9	55.9	60.4	77.7	71.4	73.2	71.7	58.9
June	65.0	53.2	61.2	82.4	61.5	61.5	79.3	74.7	73.7	73.4	60.8
July	68.9	60.1	65.5	86.3	68.0	65.3	80.6	79.5	73.2	74.8	64.0
August	69.5	57.6	64.8	91.7	74.6	65.5	81.2	81.3	73.1	77.6	66.4
September	70.8	57.0	64.9	92.3	76.9	70.4	82.1	82.7	72.7	79.3	65.1
October	71.2	55.7	64.2	89.0	77.1	73.6	83.0	83.9	72.7	81.2	65.3
November	71.1	56.6	64.3	88.2	76.8	73.5	82.7	84.9	73.4	81.0	65.5
December	70.8	55.5	62.5	89.2	76.4	73.4	83.5	85.6	73.7	81.0	65.7

Source: Bureau of Labor Statistics, Department of Labor.

No. 316.—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. 317.—WHOLESALE PRICES OF COMMODITY SUBGROUPS: INDEX NUMBERS

NOTE.—1926=100. Each of the 10 groups covered by Table 315 is divided into from 2 to 7 subgroups. See also general note p. 283 regarding commodities included in two groups

Subgroup	1913	1923–1925	1929	1930	1931	1932	1933	1932		1933	
								June	Dec.	June	Dec.
Grains	71.1	102.3	97.4	78.3	53.0	39.4	53.1	37.7	31.7	57.4	60.4
Livestock and poultry	73.3	85.3	106.1	89.2	63.9	48.2	43.4	46.7	38.7	46.6	38.0
Other farm products	70.8	115.1	106.6	91.1	69.2	51.4	55.8	48.2	51.3	56.2	64.3
Butter, cheese, milk	65.9	99.7	105.6	95.5	81.8	61.3	60.7	57.4	59.5	63.1	65.1
Cereal products	------	------	88.0	81.5	73.1	66.4	75.0	66.8	61.7	70.7	84.7
Fruits and vegetables	------	------	97.8	96.6	72.4	58.0	61.7	62.4	52.8	63.9	63.0
Meats	59.8	81.7	109.1	98.4	75.4	58.2	50.0	56.0	49.4	52.4	46.0
Other foods	65.9	101.4	93.9	80.9	69.8	60.7	61.1	55.4	66.1	61.1	63.4
Boots and shoes	54.5	99.3	106.3	102.0	93.7	86.1	90.2	87.5	83.8	85.5	98.6
Hides and skins	106.8	115.5	112.7	91.0	60.2	42.1	67.1	32.5	41.7	81.4	74.9
Leather	69.1	102.9	113.2	101.3	86.2	65.1	71.4	58.7	59.2	74.3	80.1
Other leather products	50.8	103.4	106.4	105.5	101.4	90.1	81.1	96.4	81.9	78.5	87.6
Clothing	------	------	90.0	86.2	75.9	63.0	72.2	62.2	62.5	64.5	87.9
Cotton goods	58.0	113.9	98.8	84.7	66.1	54.0	71.2	51.0	51.7	67.1	85.5
Knit goods	------	------	88.5	80.0	60.9	51.6	58.9	49.6	49.3	50.9	71.2
Silk and rayon	71.8	112.4	80.4	60.2	43.5	31.0	30.6	27.5	29.3	35.2	29.6
Woolen and worsted goods	53.7	108.2	88.3	79.0	68.2	57.7	69.3	55.0	54.2	68.8	84.3
Other textile products	62.7	89.5	93.1	84.2	75.1	67.9	72.5	66.7	66.6	73.6	75.9
Anthracite	58.9	99.7	90.1	89.1	91.1	88.4	82.2	85.3	88.7	76.8	81.5
Bituminous coal	38.1	103.2	91.3	89.4	84.6	82.0	82.8	81.8	80.2	78.3	90.6
Coke	46.3	104.6	84.6	84.0	82.4	77.7	77.9	76.9	75.3	75.3	83.6
Electricity	------	------	94.5	97.7	98.8	104.7	94.3	105.5	104.1	91.4	94.0
Gas	78.1	103.2	93.1	97.3	98.7	101.3	97.5	106.3	96.5	101.7	92.2
Petroleum products	73.3	87.0	71.3	61.5	39.5	45.4	41.0	48.2	45.0	34.4	51.6
Agricultural implements	72.9	101.6	98.7	95.0	92.1	84.9	83.5	84.9	84.5	83.0	85.1
Iron and steel	70.9	109.6	94.9	89.1	83.3	79.4	78.6	79.8	78.8	76.2	83.6
Motor vehicles	147.5	107.2	106.7	100.3	94.8	94.1	90.2	93.8	93.0	90.4	90.9
Nonferrous metals	88.9	96.6	106.1	82.4	61.9	49.8	59.6	47.5	48.3	63.2	66.6
Plumbing and heating	------	------	95.0	88.6	84.7	66.8	67.1	66.7	67.5	67.4	72.5
Brick and tile	38.9	102.4	94.3	89.8	83.6	77.3	79.2	76.1	75.1	77.0	85.7
Cement	59.6	105.4	91.8	91.8	79.4	77.2	86.1	77.1	81.1	81.8	91.2
Lumber	54.0	103.9	93.8	85.8	69.5	58.5	70.7	57.6	56.5	67.4	88.0
Paint and paint material	50.8	103.4	94.9	90.5	79.4	71.1	73.3	73.3	68.1	71.9	77.5
Plumbing and heating	------	------	95.0	88.6	84.7	66.8	67.1	66.7	67.5	67.4	72.5
Structural steel	77.1	113.4	98.1	87.3	83.1	80.9	83.1	81.7	81.7	81.7	86.8
Other bldg. materials	63.1	103.3	97.7	93.3	84.8	79.5	82.7	77.6	80.1	80.6	88.6
Chemicals	89.4	102.3	99.1	93.7	83.0	79.5	79.6	78.6	79.7	81.5	79.2
Drugs and pharmaceuticals	56.6	96.4	71.5	68.0	62.8	57.7	56.3	58.3	54.7	55.5	59.0
Fertilizer materials	85.5	98.0	92.1	85.6	76.8	66.9	65.9	68.0	63.1	68.0	68.1
Mixed fertilizer	84.3	101.2	97.2	93.6	82.0	69.3	64.5	69.0	65.6	63.0	69.9
Furniture	70.7	109.7	95.0	94.0	88.0	75.0	75.1	74.0	72.7	73.4	79.3
Furnishings	47.9	103.5	93.6	91.4	82.2	75.4	76.6	75.4	74.7	73.6	82.9
Cattle feed	82.2	113.8	121.6	99.7	62.7	46.0	57.9	42.1	37.1	55.8	60.3
Paper and pulp	59.4	102.9	88.9	86.1	81.4	75.5	76.6	76.2	73.0	73.5	82.5
Rubber, crude	170.2	88.5	42.3	24.5	12.8	7.3	12.2	5.8	6.8	12.6	18.0
Auto tires and tubes	207.2	100.2	54.5	51.3	46.0	41.1	42.1	39.6	44.6	40.1	43.2
Other miscellaneous	64.4	100.8	98.4	95.5	88.0	83.7	76.2	84.6	81.3	75.0	79.0

Source of Tables 316 and 317: Bureau of Labor Statistics, Department of Labor.

No. 318.—WHOLESALE PRICES OF LEADING COMMODITIES

NOTE.—This list is a selection from among the 784 commodities entering into the general index of whole sale prices of the Department of Labor, shown in Table 315

Community	Unit	Average price						
		1923–1925	1928	1929	1930	1931	1932	1933
I.—FARM PRODTCTS		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Barley, feeding, Chicago	Bushel	0.774	0.826	0.615	0.602	0.496	0.308	0.521
Corn, contract grades, Chicago	do	.944	.977	.941	.827	.531	.313	.408
Corn, No. 3, mixed, Chicago	do	.927	.953	.929	.810	.519	.304	[1] .397
Oats, No. 2, white, Chicago	do	.473	.555	.486	.397	.278	.209	.294
Rye, No. 2, Chicago	do	.932	1.133	1.016	.624	.431	.393	.579
Wheat, No 2, red winter, Chicago	do	1.407	1.540	1.304	.983	.665	.531	[1] .766
Wheat, No 2, hard, Kansas City	do	1.338	1.325	1.180	.900	.606	.494	[1] .724
Wheat, No. 1, northern spring, Minneapolis.	do	1.359	1.285	1.276	.984	.739	.605	[1] .770
Cattle, steers, good to choice, Chicago.	100 lbs	10.093	14.489	13.493	11.027	8.759	7.799	5.784
Hogs, fair to choice, light, Chicago	do	9.534	9.862	10.666	9.938	6.642	4.117	[1] 4.185
Lambs, western, fair to good, Chicago.	do	14.335	14.203	13.719	8.758	6.824	5.363	6.218
Poultry, live fowls, Chicago	Pound	.218	.246	.273	.219	.187	.149	.113
Cotton, middling, New Orleans	do	.265	.194	.186	.131	.083	.063	[1] .085
Eggs, firsts, Chicago	Dozen	.339	.324	.354	.270	.201	.177	.157
Eggs, firsts, New York	do	.370	.329	.368	.278	.225	.193	.172
Apples, medium grade, Portland, Oreg.	Box		2.705	2.728	2.670	1.926	1.079	1.212
Oranges, choice, California	do	6.209	7.370	6.540	7.248	4.929	3.819	2.951
Hay, alfalfa, Kansas City	Ton	22.199	22.808	24.566	21.596	15.716	12.144	11.029
Hay, timothy, No. 1, Chicago	do	24.055	20.588	20.394	19.779	17.529	12.721	12.769
Milk, fluid, Chicago	100 lbs	3.001	2.735	2.955	2.920	2.775	2.182	1.941
Milk, fluid, New York	do	3.419	3.827	3.997	3.848	3.448	2.379	2.432
Peanuts, Norfolk	Pound	.063	.056	.049	.040	.038	.014	.020
Flaxseed, Minneapolis	Bushel	2.653	2.245	2.766	2.353	1.484	1.181	1.580
Tobacco, leaf, warehouse sales	100 lbs		20.204	20.125	17.424	12.203	8.464	[1] 11.647
Potatoes, white, Chicago	do	1.645	1.354	1.606	2.136	1.210	.801	1.333
Wool, Ohio, medium grades	Pound	.548	.543	.467	.310	.226	.196	.315
II.—FOODS								
Butter, creamery, extra:								
Chicago	Pound	.437	.461	.437	.353	.271	.201	.208
New York	do	.450	.474	.449	.364	.283	.210	.217
San Francisco	do	.476	.490	.458	.364	.281	.219	.211
Cheese, whole milk, Chicago	do	.219	.240	.221	.182	.141	.120	.117
Milk, evaporated, New York	Case [2]	4.396	4.429	4.267	3.846	3.542	2.780	2.808
Beef, fresh, carcass, steers, Chicago	Pound	.170	.228	.231	.207	.156	.131	.095
Lamb, fresh, Chicago	do	.258	.267	.256	.191	.157	.134	.121
Hams, Chicago	do	.228	.228	.244	.230	.181	.133	.121
Pork, mess, New York	Barrel (200 lbs.)	31.055	32.120	30.370	31.125	23.192	17.426	17.438
Pork, bellies, cured, clear, Chicago	Pound						.052	.056
Pork, fresh (composite price), Chicago.	do	.161	.170	.183	.175	.123	.078	.080
Poultry, Chicago	do	.246	.226	.242	.242	.193	.143	.120
Bread, Chicago	do	.075	.075	.075	.075	.074	.070	.053
Bread, New York	do	.070	.070	.066	.066	.066	.060	.061
Coffee, Rio No. 7, New York	do	.162	.165	.157	.087	.062	.081	.078
Salmon, canned, Alaska, red, No. 1, tall	Doz. cans	2.645	2.900	2.709	3.009	2.848	1.859	1.602
Flour, short patents, winter, Kansas City.	Barrel	7.160	7.073	6.535	5.535	4.248	3.654	5.025
Flour, standard patents, Minneapolis.	do	7.468	7.205	6.786	5.626	4.578	4.192	5.083
Flour, patents, Portland, Oreg	do	7.992	7.545	7.176	6.003	4.550	4.619	5.982
Raisins, seedless, packers	Pound		.045	.046	.044	.053	.048	.038
Bananas, Honduras, New York	Bunch						2.164	2.636
[illegible] New York	Pound	.141	.123	.120	.109	.080	.050	.057
[illegible] uncol-	do	.225	.225	.235	.218	.133	.097	.087
[illegible] eans	do	.054	.038	.038	.040	.031	.022	.028
Salt, American, medium, Chicago	Barrel [3]	2.389	2.272	2.214	2.112	2.372	2.347	2.276
Sugar, granulated, New York	Pound	.071	.056	.051	.047	.044	.040	.043
Sugar, raw, 96°, New York	do	.058	.042	.038	.034	.033	.029	.032
Cottonseed oil, New York	do	.110	.099	.097	.081	.060	.038	.045

[1] Processing tax not included.
[2] Case of 4 dozen 16-ounce cans. Price for 1931 to 1933 computed from price of 14½-ounce cans.
[3] Barrel of 280 pounds.

No. 318.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1928	1929	1930	1931	1932	1933
III.—HIDES AND LEATHER PRODUCTS		*Dollars*					*Dollars*	*Dollars*
[illegible]ve steers, Chicago	Pound	0.158					0.061	0.097
	do	.180	.274	.190	.163	.114	.063	.131
	do	.811	.788	.750	.780	.617	.415	.514
Leather:								
Calf, chrome, B grade, tannery	Sq. ft			.395	.372	.345	.259	.302
Glazed kid, top grade, Boston	do	.681	.715	.725	.692	.600	.436	.459
Side, black, chrome, tanned, B grade, Boston	do	.266	.369	.288	.238	.204	.162	.194
Sole, oak, scoured backs, Boston	Pound	.480	.641	.529	.452	.365	.291	.309
Shoes:								
Child's gun metal	Pair		1.793	1.853	1.631	[4] 1.200	1.150	1.189
Men's, dress, medium grade [5]	do	3.162	3.575	3.750	3.350	3.200	3.250	3.289
Women's, black, 3 eye tie, McKay sewed	do		2.925	2.600	2.375	2.175	1.998	2.181
IV.—TEXTILE PRODUCTS								
Cotton goods, mill:								
Damask, table, mercerized, mill, 58-inch	Yard		.370	.370	.370	.338	.293	.319
Denims, Mass., 28-inch	do	.233	.191	.181	.147	.114	.091	.123
Drillings, brown, 29-inch	do	.174	.126	.125	.105	.073	.055	.078
Gingham, 27-inch	do	.126	.106	.105	.093	.078	.062	.074
Muslin, bleached, series 1	do	.183	.166	.174	.157	.132	.103	.125
Print cloth, 27-inch	do	.070	.058	.052	.042	.033	.026	.038
Sheeting, bleached, series 1	do	.486	.410	.419	.362	.282	.210	.261
Sheeting, brown, series 2	do	.149	.122	.117	.103	.080	.062	.079
Yarn, carded, white, northern, 22/1's cones	Pound	.459	.371	.358	.274	.216	.178	.258
Knit goods, mill:								
Hosiery, women's, pure silk	Doz. prs	12.337	[4] 9.792	9.313	7.896	5.760	4.394	4.954
Hosiery, men's, silk	do	5.750	3.950	3.850	3.567	2.717	2.226	2.352
Women's union suits, cotton	Dozen		9.500	9.500	9.310	8.187	6.445	7.341
Silk and rayon:								
Rayon, 150 B denier, New York	Pound	2.136	1.450	1.180	1.009	.727	.630	.586
Silk, raw, steam filature, N. Y	do	7.509	5.128	4.886	3.629	2.442	1.653	1.570
Woolen and worsted goods, mill:								
Suiting serge, 11-ounce	Yard	2.478	2.052	1.961	1.818	1.586	1.328	1.664
French serge, 54-inch [6]	do	.776	1.006	.975	1.106	.960	.815	.937
Yarn, fine weaving, 2/50's	Pound	2.469	2.088	1.967	1.668	1.442	1.186	1.466
Thread, 6-cord	Spool	.033	.036	.036	.036	.035	.035	.035
V.—FUEL AND LIGHTING								
Coal, anthracite, chestnut	Ton	13.861	13.001	12.886	12.715	12.768	12.184	11.265
Coal, bituminous, mine run	do	4.976	4.033	3.953	3.909	3.736	3.638	3.667
Coke, Connellsville, furnace	do	4.378	2.793	2.780	2.567	2.460	2.123	2.495
Electricity	100 kwh		1.414	1.383	1.430	1.446	1.532	1.380
Manufactured gas	1,000 cu. ft	1.062	.982	.985	.986	.984	1.014	.991
Petroleum, crude, Kans.-Okla	Barrel	1.519	1.203	1.233	1.111	.573	.811	.567
Fuel oil, refinery, Pennsylvania	Gallon	.056	.048	.048	.039	.027	.032	.035
Gasoline, refinery, Pennsylvania	do	.130	.099	.091	.073	.050	.057	.051
VI.—METALS AND PRODUCTS								
Iron ore, non-Bessemer	Ton	4.924	4.250	4.443	4.500	4.500	4.500	4.500
Pig iron, basic, furnace	do	21.873	16.664	18.189	17.962	15.837	13.981	15.240
Pig iron, Bessemer, Pittsburgh	do	24.860	19.207	20.538	20.260	18.693	17.121	18.261
Nails, wire, Pittsburgh	100 lbs	2.948	2.676	2.667	2.191	1.978	2.050	2.089
Pipe, cast-iron, 6-inch, New York	Ton	57.549	37.659	36.666	39.315	34.454	30.398	37.764
[illegible] Pittsburgh	100 lbs	2.149	1.865	1.859	1.730	1.611	1.567	1.600
[illegible]	Ton	38.465	32.673	34.642	31.808	29.346	26.519	26.000
[illegible]	Pound	.021	.019	.019	.017	.016	.016	.016
[illegible]	Ton	43.000	43.000	43.000	43.000	43.000	42.377	39.329
[illegible]	Pound	.035	.029	.030	.027	.025	.023	.023
Steel, structural, mill	100 lbs	2.220	1.865	1.921	1.708	1.627	1.584	1.626
Tin plate, Pittsburgh	do	5.470	5.262	5.350	5.188	4.942	4.712	4.427
Aluminum, New York	Pound	.265	.239	.239	.234	.229	.229	.229
Copper, ingot, electrolytic	do	.139	.146	.181	.129	.081	.056	.070
Lead, pig, desilverized, New York	do	.083	.063	.068	.055	.042	.032	.039
Silver, bar, fine, New York	Ounce	.672	.585	.533	.385	.290	.283	.350
Tin, pig, New York	Pound	.502	.504	.452	.315	.244	.219	.394
Zinc, pig, slab, New York	do	.072	.064	.068	.049	.040	.033	.044

[illegible] ot strictly comparable with those for earlier years.
[illegible] dress welt; change in grade does not materially affect comparability of figures.
[illegible] r 1928 and 1929, 30-inch.

No. 318.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1928	1929	1930	1931	1932	1933
VI.—METALS, ETC.—continued								
Agricultural implements, factory:								Dollars
Cultivator	Each							39.420
Harrow, spike, peg tooth	do	16.973	15.670	14.824				13.390
Plow, 2-horse	do	16.599	15.270	15.258				12.759
Separator, cream	do	59.053	61.040	60.338	58.230	58.230	55.461	55.100
Tractor, 10–20 horsepower	do	663.0	680.0	680.0	653.0	637.0	602.6	602.6
Automobiles, passenger, f. o. b. factory.[7]	do		745.0	773.0	724.0	689.0	687.0	666.0
Trucks, f. o. b. factory	do		940.1	971.6	904.4	845.2	821.2	743.0
VII.—BUILDING MATERIALS								
Douglas fir, No. 1, common sheathing, mill.	1,000 ft.	17.972	16.758	18.293	14.702	11.649	9.415	14.118
Oak, plain, white, No. 1, Cincinnati	do	66.200	59.173	57.623	52.115	46.308	41.635	44.789
Pine, white, No. 2, Buffalo	do	59.957	44.269	48.453	43.827	44.606	43.250	44.654
Pine, yellow, flooring, mill	do				35.667	28.229	19.076	26.757
Pine, yellow, timbers, mill	do				24.271	18.876	14.576	19.183
Shingles, cedar, red, mill	1,000					1.505	1.469	1.984
Brick, common, building, plant	do	14.323	13.717	13.616	13.052	12.396	10.694	10.530
Cement, Portland	Barrel	1.838	1.672	1.601	1.600	1.393	1.356	1.512
Linseed oil, raw, New York	Pound	.134	.100	.123	.125	.084	.063	.091
White lead, in oil, New York	do	.141	.133	.138	.139	.133	.120	.110
Glass, plate, 5 to 10 sq. ft., N. Y.	Sq. ft.	.638	.385	.385	.375	.365	.365	.367
Glass, window, single B, works	50 sq. ft.	3.389	3.080	3.420	3.420	2.008	2.146	2.309
Lime, building, plant	Ton	9.586	8.574	7.987	7.941	7.672	6.933	7.043
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	.530	.570	.498	.368	.371	.363
Ammonia, anhydrous, New York	Pound	.289	.135	.140	.164	.153	.155	.155
Soda ash, light, 58 per cent, works	100 lbs.		1.366	1.345	1.345	1.161	1.182	1.197
Soda, caustic, New York	do	3.280	2.950	2.950	2.950	2.524	2.609	2.782
Tallow, packer's prime, Chicago	Pound	.088	.088	.085	.062	.039	.032	.034
Alcohol, grain, New York	Gallon	4.802	2.701	2.745	2.645	2.502	2.495	2.495
Phenol, U. S. P., New York	Pound	.291	.150	.138	.147	.143	.143	.143
Superphosphate, Baltimore	Ton	8.732	9.292	9.731	8.635	7.755	7.274	6.837
Nitrate of soda, 95 per cent, N. Y.	100 lbs.	2.526	2.232	2.157	2.076	1.981	1.586	1.306
[illegible]	Ton					29.568	20.821	22.037
[illegible]	do		22.900	22.400	21.588	19.125	16.000	14.771
IX.—HOUSEFURNISHING GOODS[8]								
Blankets, all wool, factory	Pound		1.333	1.333	1.267	1.028	.945	1.130
Carpets, Brussels, factory	Yard	3.036	2.976	2.976	2.936	2.490	2.429	2.410
Sewing machines, electric	Each	73.020	82.250	84.600	84.667	80.458	66.111	62.954
Stoves, gas	do	64.053	60.657	66.900	67.155	61.694	53.265	45.621
Vacuum cleaners, electric, without attachments, delivered.	do	[9] 20.090	15.190	14.725	14.259	13.181	11.760	11.287
Washing machines, electric, 2-speed, 6-sheet capacity, factory.	do		68.192	60.760	54.594	48.977	39.501	37.875
X.—MISCELLANEOUS								
Bran, Minneapolis	Ton	24.546	30.159	26.594	22.063	13.103	9.885	12.567
C[illegible]		41.020	47.042	38.542	31.833	19.646	13.120	17.289
M[illegible]		25.850	31.582	27.741	22.284	13.051	9.815	13.106
P[illegible]			67.50	62.00	62.00	57.00	50.39	41.25
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	2.522	2.535	2.511	2.186	1.571	1.680
[illegible]	Pound	.434	.226	.206	.119	.062	.035	.060
[illegible]	Each		13.925	11.845	10.958	9.656	8.840	8.649
[illegible]	Gallon	.168	.171	.266	.274	.153	.174	.175
Neutral oil, Pennsylvania	do	.264	.314	.269	.210	.202	.164	.169
Soap, laundry, Philadelphia	100 cakes	4.867	4.851	4.851	4.851	4.851	4.528	4.449
Starch, laundry, New York	Pound	.056	.058	.058	.057	.053	.046	.042
Tobacco, plug, New York	do	.698	.696	.696	.696	.696	.669	.597
Tobacco, smoking, 1-oz. bag, N. Y.	Gross	8.898	8.320	8.320	8.320	7.017	5.120	5.120
Cigarettes, destination	M		5.422	5.398	5.645	5.851	6.042	4.902

[illegible] f Buick, Cadillac, Chevrolet, Dodge, Ford, and Packard cars.
[illegible] es in patterns announced by manufacturers, prices of individual articles of [illegible] mparable from year to year and are not shown.

Source: Bureau of Labor Statistics, Department of Labor.

No. 319.—WHOLESALE PRICES: INDEX NUMBERS

NOTE.—Figures in boxes indicate numb[illegible] et's index is the sum of the prices per pound [illegible] "annually consumed by each inhabitant." [illegible] see general note, p. 283

[1926=100]

Year	Bradstreet's index	Dun's index	Department of Labor			
			All commodities	Raw materials	Semi-manufactured articles	Finished products
	96	300	784 [1]	109 [1]	93 [1]	582 [1]
1913	70.9	64.3	69.8	68.8	74.9	69.4
1914	68.9	64.8	68.1	67.6	70.0	67.8
1915	77.4	67.6	69.5	67.2	81.2	68.9
1916	93.3	80.3	85.5	82.6	118.3	82.3
1917	123.8	110.5	117.5	122.6	150.4	109.2
1918	145.2	121.9	131.3	135.8	153.8	124.7
1919	145.6	123.2	138.6	145.9	157.9	130.6
1920	140.6	129.3	154.4	151.8	198.2	149.8
1921	87.2	89.1	97.6	88.3	96.1	103.3
1922	95.3	92.3	96.7	96.0	98.9	96.5
1923	103.5	100.8	100.6	98.5	118.6	99.2
1924	100.0	100.9	98.1	97.6	108.7	96.3
1925	108.0	104.6	103.5	106.7	105.3	100.6
1926	100.0	100.0	100.0	100.0	100.0	100.0
1927	99.4	99.4	95.4	96.5	94.3	95.0
1928	102.4	103.1	96.7	99.1	94.5	95.9
1929	97.3	101.0	95.3	97.5	93.9	94.5
1930	81.8	91.3	86.4	84.3	81.8	88.0
1931	66.6	77.3	73.0	65.6	69.0	77.0
1932	54.3	70.7	64.8	55.1	59.3	70.3
1933	62.1	78.1	65.9	56.5	65.4	70.5

[1] Beginning 1926. In earlier years a smaller number of commodities was included.

No. 320.—COST OF LIVING IN THE UNITED STATES: INDEX NUMBERS

NOTE.—1913 average=100. Figures for food represent 51 cities since 1920 and a smaller number in earlier years; other figures, 19 cities from 1913 to December, 1917, inclusive, and 32 cities thereafter. Totals weighted by relative importance of items as ascertained by country-wide study of cost of living

Date	All items	Food	Clothing	Housing	Fuel and light	Furniture and furnishings	Miscellaneous
December, 1914	103.0	105.0	101.0	100.0	101.0	104.0	103.0
December, 1915	105.1	105.0	104.7	101.5	101.0	110.6	107.4
December, 1916	118.3	126.0	120.0	102.3	108.4	127.8	113.3
December, 1917	142.4	157.0	149.1	100.1	124.1	150.6	140.5
December, 1918	174.4	187.0	205.3	109.2	147.9	213.6	165.8
June, 1919	177.3	184.0	214.5	114.2	145.6	225.1	173.2
December, 1919	199.3	197.0	268.7	125.3	156.8	263.5	190.2
June, 1920	216.5	219.0	287.5	134.9	171.9	292.7	201.4
December, 1920	200.4	178.0	258.5	151.1	194.9	285.4	208.2
May, 1921	180.4	144.7	222.6	159.0	181.6	247.7	208.8
December, 1921	174.3	149.9	184.4	161.4	181.1	218.0	206.8
June, 1922	166.6	140.7	172.3	160.9	174.2	202.9	201.5
December, 1922	169.5	146.6	171.5	161.9	186.4	208.2	200.5
March, 1923	168.8	141.9	174.4	162.4	186.2	217.6	200.3
June, 1923	169.7	144.3	174.9	163.4	180.6	222.2	200.3
September, 1923	172.1	149.3	176.5	164.4	181.3	222.4	201.1
December, 1923	173.2	150.3	176.3	166.5	184.0	222.4	201.7
March, 1924	170.4	143.7	175.8	167.0	182.2	221.3	201.1
June, 1924	169.1	142.4	174.2	168.0	177.3	216.0	201.1
September, 1924	170.6	146.8	172.3	168.0	179.1	214.9	201.1
December, 1924	172.5	151.5	171.3	168.2	180.5	216.0	201.7
June, 1925	173.5	155.0	170.6	167.4	176.5	214.3	202.7
December, 1925	177.9	165.5	169.4	167.1	186.9	214.3	203.5
June, 1926	174.8	159.7	168.2	165.4	180.7	210.4	203.3
December, 1926	175.6	161.8	166.7	164.2	188.3	207.7	203.9
June, 1927	173.4	158.5	164.9	162.1	180.8	205.2	204.5
December, 1927	172.0	155.9	162.9	160.2	183.2	204.6	205.1
June, 1928	170.0	152.6	162.6	157.6	177.2	201.1	205.5
December, 1928	171.3	155.8	161.9	155.9	181.3	199.7	207.1

No. 320.—Cost of Living in the United States: Index Numbers—Con.

Date	All items	Food	Clothing	Housing	Fuel and light	Furniture and furnishings	Miscellaneous
June, 1929	170.2	154.8	161.3	153.7	175.2	198.5	207.3
December, 1929	171.4	158.0	160.5	151.9	178.7	197.7	207.9
June, 1930	166.6	147.9	158.9	149.6	172.8	195.7	208.5
December, 1930	160.7	137.2	153.0	146.5	175.0	188.3	208.1
June, 1931	150.3	118.3	146.0	142.0	165.4	177.0	206.6
December, 1931	145.8	114.3	135.5	136.2	168.0	167.1	205.4
June, 1932	135.7	100.1	127.8	127.8	157.1	153.4	202.1
December, 1932	132.1	98.7	121.5	118.0	156.9	147.4	199.3
June, 1933	128.3	96.7	119.8	108.8	148.4	147.7	194.5
December, 1933	135.0	105.5	133.6	104.1	159.3	164.8	195.9

Source: Bureau of Labor Statistics, Department of Labor.

No. 321.—COST OF LIVING IN PRINCIPAL CITIES: Index Numbers

City	Index of total cost of living for December—							Index December, 1933, for—					
	1920	1925	1929	1930	1931	1932	1933	Food	Clothing	Housing	Fuel and light	House furnishing goods	Miscellaneous
Dec., 1914=100													
Baltimore, Md.	196.8	181.2	175.1	165.8	151.8	138.1	141.9	107.8	139.0	124.5	175.7	164.5	215.1
Boston, Mass.	197.4	174.7	168.4	159.2	144.1	130.4	134.1	101.6	156.5	117.2	171.7	183.6	185.1
Buffalo, N. Y.	201.7	184.8	180.0	169.4	151.8	139.8	142.0	106.5	139.9	114.7	219.5	167.8	200.6
Chicago, Ill.	193.3	180.6	173.7	162.2	146.2	128.2	128.7	106.5	117.0	102.1	141.0	150.0	189.7
Cleveland, Ohio	207.3	182.7	174.3	166.2	150.0	136.9	139.5	99.3	133.7	101.1	256.1	152.6	212.4
Detroit, Mich.	218.6	187.8	177.8	161.6	141.9	125.7	128.7	101.3	137.1	83.8	148.2	146.3	203.6
Houston, Tex.	204.0	174.3	168.0	154.7	141.1	123.0	129.3	101.0	143.4	81.9	106.5	192.2	182.1
Jacksonville, Fla.	206.2	181.7	165.8	156.9	140.5	127.6	132.8	95.7	150.8	72.5	153.6	181.9	184.7
Los Angeles, Calif.	196.7	177.4	168.7	158.1	145.1	132.1	131.9	96.0	140.8	89.5	138.8	167.8	186.4
Mobile, Ala.	193.3	168.5	164.8	154.4	138.0	125.9	129.8	96.0	131.3	91.4	139.4	164.9	196.6
New York, N. Y.	201.4	183.2	177.1	167.5	152.0	140.2	142.1	108.9	151.0	129.0	180.3	156.3	207.7
Norfolk, Va.	209.0	176.4	173.5	164.8	148.8	136.5	140.6	101.7	145.4	107.5	170.3	156.9	208.2
Philadelphia, Pa.	200.7	182.6	175.0	164.5	150.5	133.9	138.2	106.0	136.8	112.8	175.7	146.7	206.1
Portland, Me.	193.1	170.3	165.8	157.2	145.1	132.3	136.7	107.7	139.8	103.8	174.3	187.6	195.6
Portland, Oreg.	180.3	156.9	151.6	141.5	131.9	120.1	119.8	93.2	121.8	72.8	135.4	150.8	167.2
San Francisco and Oakland, Calif.	185.1	164.7	160.8	151.5	138.1	128.9	131.6	104.8	159.2	100.5	125.2	164.3	172.5
Savannah, Ga.	198.7	162.9	157.2	148.3	133.9	122.0	126.3	90.0	144.0	87.3	143.3	180.8	170.8
Seattle, Wash.	194.1	171.7	168.7	158.4	148.0	133.7	135.1	98.0	142.1	103.1	147.2	198.5	185.4
Washington, D. C.	187.8	167.3	159.2	151.8	139.0	125.8	131.6	108.4	135.7	114.3	128.3	172.8	172.1
Dec., 1917=100													
Atlanta, Ga.	138.5	119.0	113.5	104.5	93.8	84.6	87.1	64.1	84.1	88.8	104.6	97.0	123.6
Birmingham, Ala.	133.3	119.2	111.8	103.8	90.4	81.3	83.0	62.7	82.3	69.2	115.9	84.1	117.0
Cincinnati, Ohio	134.7	123.0	123.1	116.6	105.8	95.5	96.3	66.5	76.5	111.3	165.7	96.1	145.6
Denver, Colo.	138.7	122.5	116.1	109.7	100.3	91.7	92.2	65.0	86.0	105.7	105.0	98.6	131.2
Indianapolis, Ind.	137.6	124.3	118.8	110.8	99.2	90.5	92.2	65.0	82.4	82.7	126.3	93.4	141.0
Kansas City, Mo.	139.5	118.1	111.7	107.7	98.9	89.5	89.5	64.0	84.8	89.6	109.1	88.1	132.9
Memphis, Tenn.	139.3	122.1	116.5	110.4	99.5	89.6	92.4	61.9	89.0	87.8	143.3	95.7	131.0
Minneapolis, Minn.	135.7	120.3	116.2	110.6	102.1	92.5	92.4	69.5	79.9	93.8	131.5	96.1	126.3
New Orleans, La.	136.7	122.7	118.8	110.2	100.3	92.8	94.2	65.2	88.5	116.3	104.9	101.2	139.1
Pittsburgh, Pa.	139.3	128.5	123.2	115.2	104.5	94.2	94.3	66.4	83.8	107.1	182.6	92.1	139.7
Richmond, Va.	133.3	120.8	114.9	109.3	100.3	90.4	93.6	65.6	92.2	98.7	127.6	112.9	133.0
St. Louis, Mo.	135.4	125.0	121.7	113.9	101.4	92.6	93.7	66.3	82.2	104.8	113.5	97.8	136.4
Scranton, Pa.	139.1	132.0	127.3	119.5	108.4	99.5	102.1	72.4	95.7	126.5	147.4	108.0	149.9

Source: Bureau of Labor Statistics, Department of Labor.

No. 322.—RETAIL FOOD PRICES IN THE UNITED STATES: INDEX NUMBERS

NOTE.—1913 average=100. The principal commodities used in this index number are listed in Table 324. For index numbers for individual cities see Table 323

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			

No. 323.—RETAIL FOOD PRICES IN PRINCIPAL CITIES: INDEX NUMBERS

NOTE.—1913 average=100. For average for all cities see Table 322. See headnote, Table 324

City	1916	1920	1925	1928	1929	1930	1931	1932	1933	1933			
										Mar.	June	Sept.	Dec.
Atlanta, Ga	108	202	158	158	160	147	121	100	97	86	96	105	102
Baltimore, Md	113	207	164	159	161	151	127	106	104	94	100	110	110
Birmingham, Ala	116	209	165	159	160	150	120	101	98	90	98	103	102
Boston, Mass	112	203	158	156	158	151	124	103	101	92	98	109	104
Buffalo, N. Y	115	210	162	159	161	151	124	105	104	93	100	113	108
Charleston, S. C	108	207	159	156	158	151	126	106	100	89	94	108	109
Chicago, Ill	114	207	166	165	168	159	134	111	104	94	102	111	108
Cincinnati, Ohio	112	203	157	157	163	156	129	101	100	90	97	106	101
Cleveland, Ohio	114	208	156	153	154	144	116	97	96	85	92	106	101
Dallas, Tex	111	197	156	155	157	146	117	97	96	85	94	104	103
Denver, Colo	112	195	143	139	141	132	110	96	95	87	93	101	97
Detroit, Mich	114	215	165	160	164	150	122	96	98	87	94	109	103
Fall River, Mass	112	204	153	154	155	145	118	101	98	89	94	106	103
Indianapolis, Ind	114	202	151	151	155	146	116	97	94	84	93	104	98
Jacksonville, Fla	108	192	153	145	144	138	114	94	91	80	88	100	98
Kansas City, Mo	114	206	155	150	154	144	121	100	99	91	98	106	100
Little Rock, Ark	110	195	149	147	152	143	113	91	89	80	83	97	98
Los Angeles, Calif	102	184	149	143	146	134	110	93	93	87	88	102	95
Louisville, Ky	110	197	154	153	156	143	114	95	96	85	94	106	99
Manchester, N. H	113	206	152	154	154	145	121	102	101	91	97	109	105
Memphis, Tenn	111	204	150	148	151	142	112	95	92	82	89	99	98
Milwaukee, Wis	115	209	157	156	159	150	124	105	102	93	100	110	104
Minneapolis, Minn	114	208	154	153	157	148	123	101	98	86	94	104	105
Newark, N. J	111	195	151	150	151	143	123	106	100	90	97	106	105
New Haven, Conn	115	201	155	157	158	149	128	110	104	92	100	112	110
New Orleans, La	112	200	156	153	156	146	118	104	99	91	94	107	104
New York, N. Y	112	204	160	158	160	150	128	110	106	96	103	112	111
Omaha, Nebr	115	210	155	147	150	141	114	95	93	82	92	99	99
Philadelphia, Pa	113	201	159	158	159	149	128	106	102	92	99	110	108
Pittsburgh, Pa	112	202	158	156	160	147	122	100	97	87	94	104	102
Portland, Oreg	104	187	142	140	144	133	109	96	91	85	90	97	93
Providence, R. I	114	209	158	156	158	149	123	104	102	93	99	109	106
Richmond, Va	114	214	166	161	162	153	125	105	102	92	98	111	109
St. Louis, Mo	114	213	160	156	161	151	124	103	101	91	100	110	105
Salt Lake City, Utah	111	185	140	132	136	127	106	88	87	79	88	90	89
San Francisco, Calif	105	189	155	151	154	147	122	107	105	98	103	110	106
Scranton, Pa	112	208	161	163	164	154	128	108	106	97	102	113	112
Seattle, Wash	105	190	150	145	149	140	117	102	99	90	100	105	100
Washington, D. C	112	208	165	164	164	154	131	108	106	97	103	113	110

Source of Tables 322 and 323: Bureau of Labor Statistics, Department of Labor.

No. 324.—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 [illegible] in a smaller number of cities. Prior to [illegible] of the 15th of each month, September the date nearest the 15th of the month

Year or month	Sirloin steak		Round steak		Rib roast		Pork chops		Bacon		Lard	
	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
	Per lb.		*Per lb.*		*Per lb.*		*Per lb.*		*Per lb.*		*Per lb.*	
1891–1895	-------	------	$0.123	55	-------	------	$0.112	53	$0.132	49	$0.100	67
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
1926	.413	163	.356	160	.303	153	.395	188	.503	186	.219	139
1927	.426	168	.371	166	.313	158	.368	175	.472	175	.193	122
1928	.478	188	.420	188	.350	177	.348	166	.440	163	.186	118
1929	.500	197	.444	199	.367	185	.369	176	.435	161	.183	116
1930	.464	183	.412	185	.342	173	.359	171	.423	157	.170	108
1931	.394	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
March	.282	111	.243	109	.208	105	.190	91	.210	78	.079	50
June	.297	117	.258	116	.213	108	.185	88	.225	83	.097	61
September	.301	119	.262	118	.209	106	.217	103	.231	86	.096	61
December	.278	109	.242	109	.199	101	.198	94	.231	86	.094	60

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	.523	137	.352	159	.139	156	.091	163
1926–1930	.377	177	.460	133	.533	139	.372	168	.141	159	.091	162
1926	.388	182	.485	141	.531	139	.366	166	.140	157	.094	168
1927	.369	173	.452	131	.556	145	.376	170	.141	158	.093	166
1928	.374	176	.464	134	.565	148	.385	174	.142	160	.091	162
1929	.397	186	.490	142	.551	144	.380	172	.143	161	.090	161
1930	.355	167	.410	119	.461	120	.361	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
March	.212	100	.198	57	.248	65	.209	95	.101	114	.064	114
June	.214	101	.200	58	.281	73	.231	105	.102	115	.066	118
September	.204	96	.283	82	.279	73	.235	106	.110	124	.077	138
December	.199	93	.321	93	.241	63	.223	101	.112	126	.079	141

Year or month	Flour		Corn meal		Rice		Potatoes		Sugar		Coffee	
	Per ⅛ 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]$0.298	100
1916–1920	1.637	202	.058	193	.130	149	.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
1926	1.470	182	.051	170	.116	133	.735	288	.069	126	.510	171
1927	1.348	167	.052	173	.107	123	.570	224	.073	133	.483	162
1928	1.323	164	.053	177	.100	115	.405	159	.071	129	.492	165
1929	1.250	154	.053	177	.097	112	.480	188	.066	120	.491	166
1930	1.152	142	.053	177	.095	109	.540	212	.062	113	.406	136
1931	.882	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
March	.735	91	.034	113	.057	66	.240	94	.050	91	.274	92
June	.833	103	.036	120	.060	69	.345	135	.054	98	.270	91
September	1.201	149	.040	133	.066	76	.465	182	.057	104	.267	90
December	1.152	142	.040	133	.070	81	.345	135	.055	100	.264	89

[1] 1907–1910. [2] 1913–1915.

Source: Bureau of Labor Statistics, Department of Labor.

No. 325.—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 326 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 [1]	Sugar, per pound	Rosin, per barrel [2]	Spirits of turpentine, per gallon	Tobacco, leaf, per pound	Cotton, per pound [3]	Boards, planks, and scantlings, per M feet	Coal		Petroleum, crude, per gallon	Gasoline, naphtha, etc., per gallon	Kerosene, per gallon	Wire, per pound	Wire nails, per pound
																					Anthracite, per ton	Bituminous, per ton					
June 30—	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Dols.*	*Dols.*	*Dols.*	*Dols.*	*Cts.*	*Cts.*	*Cts.*	*Dols.*	*Dols.*	*Cts.*	*Cts.*	*Dols.*	*Dols.*	*Dols.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*
1906	10.1	8.2	21.0	----	18.0	11.7	8.1	20.2	0.53	0.67	0.82	4.25	1.3	31.2	3.8	4.06	0.63	9.5	11.0	21.34	4.93	2.58	5.0	8.0	6.3	2.2	2.1
1907	10.9	9.1	22.1	----	19.4	11.6	9.2	22.0	.53	.75	.79	3.99	1.3	40.8	3.9	4.42	.65	10.0	10.7	24.55	4.90	2.56	5.2	10.4	6.3	2.3	2.3
1908	10.9	8.9	20.3	----	21.8	12.9	9.1	21.1	.65	.90	.99	4.61	1.3	42.0	3.8	4.20	.52	10.6	11.5	23.00	4.88	2.58	4.8	11.0	6.8	2.5	2.5
1909	10.8	8.8	23.0	----	21.2	12.6	10.0	20.9	.70	.82	1.02	4.86	1.3	40.8	3.5	3.69	.40	10.9	9.4	21.40	4.97	2.55	4.1	9.1	6.6	2.3	2.2
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	21.83	4.94	2.49	3.1	8.1	6.2	2.4	2.1
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	21.54	4.99	2.48	2.9	8.5	5.6	2.3	2.1
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	22.14	5.11	2.54	3.3	9.0	5.7	2.2	2.0
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	24.30	5.30	2.52	3.9	13.7	6.3	2.1	2.1
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	23.94	5.27	2.49	4.7	14.2	6.4	2.1	2.1
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	22.25	5.27	2.53	3.2	11.1	6.0	2.2	2.0
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	23.76	5.25	2.43	3.5	15.5	6.4	2.9	2.6
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	26.00	5.56	2.94	4.1	20.7	6.6	3.9	3.8
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	41.50	6.16	3.89	5.0	24.3	8.9	5.1	5.1
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	16.89	.98	33.9	33.9	49.47	8.25	4.66	6.0	24.7	12.2	5.5	5.3
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	62.13	9.44	8.85	8.6	27.4	15.3	5.8	5.7
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	37.93	10.92	5.94	5.4	24.6	12.5	5.5	5.0
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	37.45	10.72	5.95	4.4	21.9	9.3	3.4	3.3
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	46.24	10.91	5.46	3.2	16.3	9.0	3.9	4.0
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	41.25	11.17	4.65	3.6	14.1	9.7	3.6	4.0
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	42.63	11.19	4.39	4.4	15.3	9.5	3.4	3.8
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	39.97	11.42	4.95	4.4	14.8	10.9	3.4	3.4
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	39.51	11.09	4.44	3.9	11.5	9.8	3.2	3.4
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	37.56	10.96	4.12	3.4	10.7	10.2	3.0	2.9
1929	17.9	14.3	33.8	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	38.81	10.71	4.22	3.4	10.6	10.1	3.2	3.0
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	36.95	10.76	4.17	3.2	9.4	9.0	3.0	2.8
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	30.10	10.75	4.01	1.9	5.9	6.6	2.6	2.4
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	26.14	10.37	3.77	2.4	5.6	5.2	2.5	2.2
1933	10.3	6.3	20.6	6.8	23.5	18.5	5.9	19.9	.49	.61	.54	3.49	1.1	3.8	1.6	3.63	.43	19.5	9.0	28.73	9.79	3.54	2.1	•5.3	5.2	2.4	2.2

[1] Per gallon prior to 1910. Approximately 7½ pounds=1 gallon.

[2] Barrels of 280 pounds.

[3] Revised to exclude linters beginning 1915.

Source: Bureau of Foreign and Domestic Commerce

No. 326.—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*
1906	15.8	7.47	12.19	28.6	14.0	2.5	0.92	------	1.41	10.9	8.6	15.6	2.14	78.0	32.4	0.96	52.16	15.3	62.05	266.62
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	63.41	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	10.5	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	13.9	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	1.66	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	2.84	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	429.26
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	69.71	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	1.68	3.5	13.3	1.33	39.22	9.9	64.19	216.50
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

Year ended—	Hemp, per ton	Manila, 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*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Cents*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*
1906	170.55	187.90	6.5	14	24	28	3.64	-------	15.60	29.16	-------	2.40	-------	1.9	2.8	15.1	33.32	35.08
1907	176.00	199.51	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	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	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	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	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	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	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	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	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	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	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	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	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	15.6	32	51	58	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	255.56	184.71	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	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	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	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	13.6	30	46	53	6.21	10.20	30.33	55.09	3.6	4.90	2.9	2.9	12.6	12.9	55.40	47.23
1926	373.73	263.92	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	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	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	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	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	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	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	6.1	10	19	18	1.52	7.41	22.03	33.09	1.9	4.62	1.3	2.8	6.9	6.2	36.36	19.07

[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

[For data relating to hours of labor and wages shown in other sections, consult the index]

No. 327.—INDEX NUMBERS OF WAGES 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 [illegible] was made because of the seasonal character of the indus[illegible]nd the perquisites so often forming a part of the farm w[illegible]ible indicate the change in earnings per hour when wage workers were actuall[illegible] base year. During the period, regular full-time working hours have bee[illegible] to full-time earnings per day or per week. Further, they [illegible] 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		
1862	41	1886	64	1910	93		
1863	44	1887	67	1911	95		

Source: Bureau of Labor Statistics, Department of Labor.

No. 328.—INDEX NUMBERS OF WAGES PER HOUR, COST OF LIVING, AND REAL WAGES

NOTE.—The gener[illegible] relate to the money received per hour by the wage earner [illegible] of [illegible] his money income, but wh[illegible]le, [illegible] relating to wages per hour and to cost of living are brought together and from [illegible] ber is computed showing the change in the worker's "real wage"

[1913=100]

Year	Index numbers of—			Year	Index numbers of—		
	Wages per hour	Cost of living	Real wages		Wages per hour	Cost of living	Real wages
1913	100	100.0	100.0	1923	217	171.0	126.9
1914	102	103.0	99.0	1924	223	170.7	130.6
1915	103	105.1	98.0	1925	226	175.7	128.6
1916	111	118.3	93.8	1926	229	175.2	130.7
1917	128	142.4	89.9	1927	231	172.7	133.8
1918	162	174.4	92.9	1928	232	170.7	135.9
1919	184	188.3	97.7	1929	233	170.8	136.4
1920	234	208.5	112.2	1930	229	163.7	139.9
1921	218	177.3	123.0	1931	217	148.1	146.5
1922	208	167.3	124.3	1932	186	133.9	138.9

Source: Bureau of Labor Statistics, Department of Labor.

No. 329.—WAGES AND HOURS OF LABOR: AVERAGE FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR IN SPECIFIED MANUFACTURING INDUSTRIES

NOTE.—General index based on 1913=100. Data are not collected annually, but at intervals; they are available, however, for some years not shown in this table unless otherwise indicated

TEXTILES

Cotton goods

Year	Weavers, male		Weavers, female		Spinners, frame, male		Spinners, frame, female		Speeder tenders, male		Speeder tenders, female		General index [1]	
	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	Hours per week	Wages per hour
		Dolls.		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		
1910	58.8	0.151	57.8	0.147	57.2	0.120	59.0	0.108	61.4	0.131	57.8	0.133	102.1	87.5
1913	57.6	.170	56.7	.164	56.9	.143	57.8	.128	59.8	.145	56.5	.153	100.0	100.0
1918	56.2	.301	55.4	.285	54.3	.248	56.1	.233	58.2	.265	55.0	.277	97.0	179.9
1920	51.8	.573	50.3	.528	50.7	.475	51.8	.427	54.2	.533	50.2	.486	89.7	323.5
1922	52.6	.389	51.6	.380	53.4	.292	52.6	.301	54.1	.358	51.0	.369	91.5	222.4
1924	52.8	.449	51.8	.429	53.2	.369	53.1	.319	54.3	.394	51.2	.411	91.8	250.7
1926	53.2	.396	51.9	.375	55.1	.289	53.5	.282	55.1	.343	51.0	.368	92.3	221.0
1928	53.4	.302	52.2	.371	57.8	.339	52.9	.276	55.1	.345	51.2	.359	92.5	218.3
1930	52.7	.400	52.0	.381	55.5	.322	53.5	.266	54.8	.343	51.3	.349	92.5	219.0
1932	53.1	.314	52.0	.307	53.6	.214	53.6	.213	54.2	.273	51.5	.296	92.5	179.2

Woolen and worsted goods [2]

Year	Weavers, male		Weavers, female		Spinners, mule, male		Spinners, frame, female		Burlers, female		Laborers, dyehouse, male		General index [1]	
	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	Hours per week	Wages per hour
1910	57.1	0.207	56.3	0.180	57.0	0.224	56.0	0.122	56.5	0.130	56.3	0.143	101.3	90.4
1913	56.3	.232	56.0	.197	56.5	.239	55.5	.140	55.6	.146	55.6	.159	100.0	100.0
1918	54.5	.470	54.1	.406	54.9	.499	52.4	.278	54.1	.276	54.7	.304	97.0	192.6
1920	48.3	.807	48.3	.747	48.2	.816	48.2	.481	48.4	.452	48.3	.564	86.2	353.7
1922	48.3	.616	48.4	.576	49.2	.670	48.4	.345	48.2	.371	48.9	.435	87.1	267.0
1924	48.8	.701	48.9	.654	48.9	.755	48.9	.417	49.2	.420	49.2	.490	87.7	300.2
1926	48.9	.652	49.2	.600	49.7	.695	49.8	.362	49.3	.381	49.4	.445	88.0	276.5
1928	48.9	.658	48.8	.605	49.5	.684	49.7	.383	49.3	.383	49.1	.463	88.0	289.5
1930	49.3	.636	49.2	.579	49.5	.659	49.1	.387	49.0	.354	49.4	.458	88.0	266.4
1930	*49.8*	*.611*	*49.6*	*.544*	*50.0*	*.620*	*49.4*	*.380*	*49.4*	*.339*	*49.8*	*.436*		
1932	51.4	.497	52.4	.440	51.3	.515	49.4	.340	50.2	.294	50.2	.379	89.2	228.2

Silk and rayon goods

Year	Weavers, broad silk, male		Weavers, broad silk, female		Spinners, male		Spinners, female		Winders, hard silk, female		Loom fixers, male		General index [1]	
	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	Hours per week	Wages per hour
1910	56.9	0.213	56.7	0.141	57.5	0.094	56.9	0.091	57.3	0.093	56.5	0.289	101.3	86.5
1913	56.0	.253	56.1	.198	56.6	.117	56.3	.110	56.3	.112	55.8	.321	100.0	100.0
1914	54.5	.247	54.2	.189	54.7	.119	54.2	.138	54.1	.121	54.3	.330	98.0	104.7
1919	51.7	.473	52.0	.398	53.9	.342	50.3	.274	51.5	.269	51.5	.546	92.6	199.0
1931	51.2	.499	49.6	.422	54.2	.344	50.2	.289	50.1	.293	51.0	.746	91.0	215.8
1933	50.7	.287	49.6	.254	55.6	.351	50.0	.211	50.3	.206	51.2	.534	91.4	143.0

Men's clothing

Year	Cutters, cloth, hand and machine, male		Pressers, coat, male		Operators, coat, male		Operators, coat, female		Hand sewers, coat, female		Basters, coat, male		General index [1]	
	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	Hours per week	Wages per hour
1911	49.9	0.406	55.1	0.240	55.9	0.264	54.2	0.195	54.8	0.155	55.3	0.220	104.6	86.7
1913	49.0	.433	52.3	.291	52.5	.305	52.1	.199	52.1	.179	52.5	.267	100.0	100.0
1919	47.7	.628	47.8	.541	47.6	.591	48.1	.361	47.8	.334	47.5	.511	92.7	173.5
1922	44.0	1.033	44.1	.869	44.1	.962	43.9	.593	44.2	.526	44.3	.848	85.3	283.2
1924	44.2	1.111	44.2	.934	44.1	1.033	43.6	.614	44.1	.555	44.4	.889	85.3	295.7
1926	44.2	1.123	44.3	.933	44.1	1.034	44.4	.638	44.4	.545	44.3	.925	85.7	291.8
1928	43.8	1.129	44.0	.912	44.2	1.016	43.3	.632	43.9	.527	44.2	.905	85.1	284.4
1930	44.0	1.139	44.2	.867	44.3	.958	43.8	.570	44.2	.496	44.3	.834	85.7	272.7
1932	44.2	.920	44.3	.608	44.2	.687	44.5	.407	44.4	.345	44.2	.561	85.8	196.9

[1] Covers all occupations of industry or branch of industry indicated, including those not shown.
[2] Figures for the years 1910 to 1930 inclusive (except those for 1930 in italics) exclude Southern mills; the figures for 1930 in italics and those for 1932 include Southern mills.

No. 329.—Wages and Hours of Labor, Etc.—Continued

TEXTILES—Continued

Year	Hosiery and underwear													
	Boarders, hosiery, male		Finishers, underwear, female		Knitters, web or tube underwear, male		Knitters, transfer, hosiery, female		Loopers, hosiery, female		Seamers, underwear, female		General index [1]	
	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	Hours per week	Wages per hour
		Dolls.		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		
1910	57.0	0.193	57.9	0.150	58.0	0.201	57.5	0.121	57.3	0.133	57.8	0.143	104.2	82.0
1913	55.8	.219	54.7	.184	55.4	.249	56.0	.149	56.0	.150	54.5	.176	100.0	100.0
1919	52.5	.450	51.9	.297	52.9	.407	53.0	.272	52.2	.296	51.3	.287	94.2	183.1
1922	51.3	.462	50.2	.327	51.8	.448	50.7	.293	50.8	.327	50.3	.325	91.9	213.0
1924	51.9	.531	49.8	.377	51.3	.528	50.8	.344	50.8	.384	50.3	.372	91.3	246.1
1926	53.4	.481	50.3	.358	52.0	.534	52.5	.298	52.4	.371	50.2	.374	92.4	266.6
1928	53.8	.521	50.2	.341	52.2	.490	53.1	.294	53.0	.385	50.2	.355	92.4	267.2
1930	53.7	.488	50.5	.341	51.9	.515	53.7	.273	53.0	.386	50.0	.354	93.1	273.8
1932	53.3	.380	50.8	.262	52.3	.390	53.7	.205	52.6	.289	50.6	.274	93.0	213.6

BOOTS AND SHOES

Year	Cutters, vamp and whole shoe, hand, male		Treers, hand and machine, male		Vampers, female		Bed-machine operators, male		Top stitchers, female		Lining makers, female		General index [1]	
	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	Hours per week	Wages per hour
		Dolls.		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		
1910	56.3	0.319	55.9	0.259	56.9	0.238	56.4	0.311	56.3	0.188	56.5	0.164	102.7	92.0
1913	54.5	.351	55.3	.282	54.7	.246	55.2	.330	54.6	.210	54.6	.190	100.0	100.0
1920	47.8	.829	48.3	.677	48.8	.506	48.7	.789	48.5	.448	48.6	.378	88.2	232.0
1922	48.3	.787	48.6	.577	49.0	.480	48.9	.668	48.8	.433	48.8	.362	88.4	207.9
1924	48.4	.838	48.8	.624	49.4	.519	49.1	.692	49.3	.462	49.3	.369	88.9	214.1
1926	48.9	.808	49.2	.611	49.1	.531	49.1	.700	49.3	.486	49.3	.413	88.9	219.1
1928	48.6	.824	49.2	.624	49.3	.505	49.2	.682	49.4	.451	49.2	.398	89.2	220.3
1930	48.7	.796	49.1	.563	49.1	.465	49.1	.657	49.1	.419	48.8	.365	88.8	212.0
1932	48.9	.634	49.3	.433	49.0	.355	49.1	.515	49.0	.338	48.9	.310	88.8	171.2

IRON AND STEEL

Year	Blast furnaces													
	Stockers		Larrymen		Blowers		Keepers		Keepers' helpers		Laborers		General index [1]	
	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	Hours per week	Wages per hour
		Dolls.		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		
1913	78.0	0.192	82.3	0.217	82.2	0.332	82.0	0.236	82.2	0.186	72.5	0.171	100	100
1920	75.5	.527	73.8	.586	73.2	.868	73.3	.635	74.5	.522	72.3	.474	94	279
1922	74.4	.352	75.1	.402	72.4	.678	75.3	.420	75.3	.349	67.7	.315	94	194
1924	60.5	.465	57.7	.548	58.3	.889	57.1	.579	58.6	.475	62.4	.401	78	254
1926	60.1	.465	57.9	.551	58.5	.902	57.4	.577	59.1	.471	62.4	.389	78	252
1929	62.6	.451	58.5	.552	58.7	.918	57.7	.579	59.5	.486	63.8	.373	79	258
1931	57.2	.485	55.3	.563	55.8	.929	55.2	.573	56.2	.492	59.5	.384	74	269
1933	55.4	.374	54.5	.430	54.8	.727	54.2	.439	53.9	.382	57.2	.289	72	217
	Open-hearth furnaces													
	Stockers		Charging-machine operators		Melters' helpers, first		Steel pourers		Ladle cranemen		Laborers		General index [1]	
	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	Hours per week	Wages per hour
1913	77.8	0.197	78.0	0.335	77.1	0.440	77.0	0.370	77.2	0.341	76.2	0.187	100	100
1920	70.9	.573	67.2	.895	69.4	1.089	68.0	.929	68.3	.837	68.5	.625	90	283
1922	73.9	.379	72.2	.625	71.4	.775	70.4	.645	72.9	.588	67.9	.354	92	203
1924	58.2	.540	56.3	.863	55.5	1.064	56.5	.837	55.2	.832	59.0	.434	76	268
1926	57.8	.535	55.7	.951	55.3	1.170	55.6	.889	54.9	.900	59.2	.429	74	286
1929	57.9	.560	56.2	.958	55.9	1.247	56.3	.927	55.8	.941	60.5	.433	75	301
1931	54.5	.527	53.2	.879	53.1	1.239	53.5	.851	53.2	.846	57.5	.436	70	297
1933	54.3	.376	52.4	.629	52.4	.867	53.1	.575	52.4	.566	54.9	.330	70	217

[1] Covers all occupations of industry or branch of industry indicated, including those not shown.

No. 329.—Wages and Hours of Labor, Etc.—Continued

IRON AND STEEL—Continued

Year	Bar mills												Tin-plate mills									
	Stockers		Rollers		Roughers		Finishers		Hotbed men		Laborers		General index[1]		Rollers		Roughers		Doublers, mechanical[3]		Heaters, level-handed	
	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			Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour	Hours per week	Wages per hour
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.										
1913	60.2	0.216	59.3	0.985	59.8	0.436	59.6	0.350	60.3	0.217	62.5	0.169	100	100	42.7	1.139	42.7	0.533	42.7	0.740	42.7	0.595
1920	61.5	.612	59.5	1.949	57.8	1.034	60.0	.866	58.8	.618	65.1	.506	100	248	42.7	2.542	42.7	1.363	42.7	1.655	42.7	1.465
1922	59.2	.420	58.4	1.416	57.3	.709	57.9	.638	58.3	.439	64.5	.316	100	169	42.7	1.701	42.7	.893	42.7	1.046	42.7	1.001
1924	56.0	.502	53.9	1.577	54.7	.810	54.0	.749	53.8	.538	57.5	.392	90	203	42.7	2.099	42.7	1.150	42.7	1.243	42.7	1.229
1926	54.2	.519	53.2	1.699	53.2	.847	53.0	.848	53.0	.556	55.0	.411	89	205	42.7	1.635	42.7	.902	42.7	.787	42.7	.917
1929	53.5	.530	55.0	1.822	55.8	.887	53.9	.952	54.5	.601	56.0	.399	90	217	42.7	1.778	42.7	1.014	42.7	.679	42.7	.982
1931	54.2	.455	55.4	1.542	55.7	.791	54.4	.864	54.1	.578	54.2	.394	89	204	42.7	1.737	42.7	.939	42.7	.749	42.7	.942
1933	52.2	.326	54.5	.965	55.8	.536	55.0	.500	55.5	.349	53.7	.305	88	148	42.6	1.250	42.6	.709	42.6	.544	42.6	.721

Year	Tin-plate mills								Tinners, hand		Assorters, female		General index[1]	
	Tinners, hand		Assorters, female		General index[1]									
	Hours per week	Wages per hour	Hours per week	Wages per hour										
										Dolls.		Dolls.		
1913	43.6	0.433	53.7	0.163	100	100								
1920	42.9	1.114	46.9	.465	110	228								
1922	43.3	.795	43.3	.365	108	156								
1924	43.4	.976	43.6	.422	106	191								
1926	43.5	.840	43.4	.384	104	169								
1929	42.7	.907	46.1	.369	103	176								
1931	42.7	.899	45.5	.380	102	171								
1933	43.8	.654	45.2	.295	102	124								

GENERAL INDEXES FOR OTHER BRANCHES—IRON AND STEEL

Year	Bessemer converters		Puddling mills		Blooming mills		Plate mills		Standard-rail mills		Sheet mills	
1913	100	100	(4)	(4)	100	100	100	100	100	100	100	100
1920	100	238	101	270	92	249	98	263	86	249	96	215
1922	98	165	98	151	93	178	95	187	87	185	98	144
1924	75	220	105	220	75	231	82	220	81	226	96	168
1926	75	226	98	200	74	237	80	238	78	234	94	157
1929	77	226	95	209	75	251	83	251	79	247	94	164
1931	76	234	100	181	72	251	81	246	77	241	91	155
1933	75	173	99	145	72	184	77	176	75	206	90	98

MOTOR VEHICLES[5]

Year	Assemblers, chassis and final, male		Assemblers, motor, male		Gear-cutter operators, male		Grinding-machine operators, male		Tool and die makers, male		Employees in all occupations			
											Males		Females	
	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	Hours per week	Wages per hour
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.
1922	50.3	0.644	50.0	0.661	50.2	0.678	50.0	0.710	50.0	0.769	50.1	0.662	50.3	0.438
1925	50.0	.721	49.8	.747	50.6	.746	50.1	.765	50.2	.875	50.3	.729	50.1	.467
1928	49.7	.768	50.1	.762	49.5	.760	48.8	.792	48.8	.919	49.4	.756	50.3	.487
1930	48.0	.681	48.8	.725	48.3	.740	47.6	.780	49.9	.887	48.7	.733	50.6	.436
1932	49.0	.570	48.4	.632	48.7	.623	47.7	.669	47.0	.785	48.3	.638	50.5	.361

FOUNDRIES[5]

Year	Core makers, male		Core makers, female		Laborers, male		Molders, hand, floor, male		Pattern makers, male		Employees in all occupations			
											Males		Females	
	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	Hours per week	Wages per hour
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.
1923	51.4	0.690	49.2	0.431	53.5	0.428	51.2	0.729	51.1	0.750	52.4	0.560	49.3	0.404
1925	50.3	.734	48.6	.444	52.5	.481	50.4	.802	50.4	.804	51.5	.612	49.0	.427
1927	50.4	.755	48.4	.491	52.1	.491	49.9	.820	50.3	.830	51.1	.626	49.0	.459
1929	49.9	.744	49.1	.469	52.1	.490	50.0	.828	50.1	.833	51.0	.625	49.7	.451
1931	50.0	.706	48.6	.430	50.8	.460	50.0	.782	49.3	.834	50.3	.601	48.7	.422
1933	49.0	.580	48.1	.324	50.0	.378	48.9	.612	49.2	.652	49.4	.483	48.3	.314

[1] Covers all occupations of industry or branch of industry indicated, including those not shown.
[3] Includes hand, prior to 1929. [4] No data. [5] Data available only for years shown; see head note.

No. 329.—Wages and Hours of Labor, Etc.—Continued

MACHINE SHOPS[5]

Year	Assemblers, male		Fitters and bench hands, male		Laborers, male		Lathe operators, engine, male		Machinists, male		Employees in all occupations			
											Males		Females	
	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	Hours per week	Wages per hour
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.
1923	50.6	0.575	49.9	0.616	51.1	0.418	50.9	0.633	50.0	0.683	50.8	0.560	49.1	0.366
1925	49.6	.634	49.8	.643	50.6	.456	50.3	.663	49.9	.702	50.4	.604	49.3	.420
1927	50.1	.653	49.5	.662	50.4	.456	50.2	.695	49.5	.728	50.1	.629	48.9	.403
1929	50.1	.657	49.8	.677	50.5	.469	50.3	.717	49.8	.739	50.3	.641	49.3	.399
1931	49.9	.656	49.5	.666	50.3	.455	50.0	.706	49.0	.733	49.8	.637	49.2	.408
1933	48.3	.538	48.5	.562	48.8	.379	48.8	.578	48.3	.606	48.5	.545	47.4	.351

LUMBER (SAWMILLS)

Year	Doggers		Setters		Sawyers, head, band		Edgermen		Trimmer operators		Laborers		General index[1]	
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		
1910	(6)	(6)	(6)	(6)	61.2	0.543	61.2	0.255	61.0	0.209	61.3	0.166	100.3	97.3
1913	61.2	0.184	61.0	0.258	60.9	.557	61.0	.268	61.0	.217	61.1	.171	100.0	100.0
1915	61.3	.178	61.2	.239	61.0	.539	61.0	.252	61.1	.203	61.3	.157	100.0	91.4
1919	57.8	.358	57.0	.446	57.5	.768	57.5	.450	57.3	.405	57.1	.345	91.8	194.6
1921	58.1	.306	57.6	.412	57.8	.797	57.5	.437	57.0	.380	57.2	.285	93.6	166.5
1923	57.6	.343	57.0	.474	57.0	.883	57.1	.492	56.9	.430	57.5	.310	93.8	180.5
1925	58.2	.332	57.5	.458	57.7	.877	57.8	.468	57.7	.409	57.5	.309	93.8	178.0
1928	57.6	.335	56.5	.468	56.7	.887	56.7	.470	55.8	.429	56.9	.303	91.3	184.9
1930	57.9	.306	56.5	.451	55.9	.886	56.4	.461	55.8	.398	56.6	.291	91.2	179.0
1932	56.9	.212	55.8	.319	55.6	.652	55.7	.324	55.1	.283	56.0	.205	90.0	127.6

FURNITURE

Year	Assemblers and cabinet makers, male		Carvers, hand, male		Carvers, machine, male		Machine hands, male		Upholsterers, male		Veneerers, male		General index[1]	
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		
1910	58.0	0.228	56.1	0.313	(4)	(4)	58.7	0.212	55.0	0.297	58.8	0.200	101.4	98.6
1912	58.1	.223	56.3	.313	(4)	(4)	58.5	.211	56.4	.291	58.3	.213	101.4	97.3
1913	57.2	.227	55.2	.317	(4)	(4)	57.8	.217	56.2	.295	57.3	.217	100.0	100.0
1915	57.1	.235	55.5	.322	56.6	0.286	57.5	.223	55.3	.312	57.0	.218	99.5	103.2
1929	52.1	.560	48.6	.956	51.1	.765	52.4	.512	50.1	.724	52.5	.454	89.9	236.3
1931	51.9	.445	49.7	.745	51.7	.576	52.1	.428	50.3	.538	52.5	.376	89.8	198.2

SLAUGHTERING AND MEAT PACKING[5]

Year	Cattle killing												Hog killing	
	Headers, male		Leg breakers, male		Floormen or siders, male		Gutters and bung droppers, male		Splitters, male		Laborers, male[7]		Stickers, male	
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.
1917	(4)	0.384	(4)	0.318	(4)	0.563	(4)	0.319	(4)	0.591	(4)	0.238	(4)	0.357
1921	47.6	.645	47.8	.574	48.0	.848	47.8	.578	47.8	.855	47.8	.471	49.6	.611
1923	52.1	.627	52.8	.529	52.6	.849	52.5	.554	52.5	.857	52.2	.436	53.0	.652
1925	50.0	.641	49.9	.558	49.9	.856	50.1	.575	50.0	.855	50.2	.442	51.8	.627
1927	49.0	.662	49.1	.556	49.2	.877	49.0	.587	49.1	.876	49.4	.451	50.3	.631
1929	48.8	.644	48.7	.580	48.7	.882	48.9	.598	48.7	.879	48.6	.466	50.0	.645
1931	49.1	.592	48.7	.512	48.9	.800	49.1	.517	48.9	.780	49.0	.408	50.0	.565

[1] Covers all occupations of industry or branch of industry indicated, including those not shown.
[4] No data.
[5] Data are available only for years shown, see headnote.
[6] Data for doggers and setters not shown separately prior to 1911.
[7] Includes floor cleaners, mark heads, spread cattle, tie guts, laundrymen, taggers, etc.

No. 329.—Wages and Hours of Labor, Etc.—Continued

SLAUGHTERING AND MEAT PACKING—Continued

Year	Hog killing—Continued										All departments [8]			
	Scalders, male [9]		Shavers and scrapers, male		Gutters, bung droppers, and rippers-open, male		Splitters, male		Laborers, male [10]		All males		All females	
	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	Hours per week	Wages per hour
		Dolls.		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*
1917	(4)	0.295	(4)	0.290	(4)	0.337	(4)	0.364	(4)	0.237	(4)	0.271	(4)	0.178
1921	48.8	.516	48.9	.502	48.7	.584	48.8	.621	48.8	.451	48.4	.511	48.3	.365
1923	52.1	.496	52.5	.497	52.4	.572	52.3	.627	52.2	.444	52.2	.499	52.8	.361
1925	51.9	.514	51.4	.523	51.9	.590	51.5	.635	51.7	.433	50.2	.507	49.4	.359
1927	50.5	.521	50.6	.535	50.4	.589	50.1	.630	51.0	.442	49.5	.517	49.1	.363
1929	50.2	.516	49.9	.528	50.0	.602	49.9	.654	49.8	.443	49.3	.525	48.9	.369
1931	50.4	.475	50.1	.480	50.3	.527	49.8	.583	49.6	.400	49.2	.470	48.9	.321

[4] No data.
[8] 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.
[9] Includes tubmen, droppers, gamb cutters, polemen, and duckers.
[10] Includes drivers, penners, steamers, singers, washers, aitchbone breakers, and toe pullers.

Source: Bureau of Labor Statistics, Department of Labor.

No. 330.—AVERAGE WAGES PER HOUR AND AVERAGE ACTUAL HOURS OF LABOR PER WEEK IN SUNDRY INDUSTRIES

Note.—All averages are weighted according to the relative importance of the different occupations in the industry. Data are available only for the years specified.

Year and industry	Hours, average		Wages, average	
	Males	Females	Males	Females
			Cents	*Cents*
Aircraft engines, 1929	50.3	------	70.6	------
Airplanes, 1929	47.3	44.9	66.9	38.0
Air transportation:				
Ground personnel:				
1931	[1] 49.5	[1] 48.0	64.5	49.7
1933	[1] 49.8	[1] 46.8	61.3	45.7
Pilots: [2]				
1931	80.4	------	708.4	------
1933	85.3	------	736.1	------
Copilots: [3]				
1931	170.0	------	134.1	------
1933	124.9	------	185.1	------
Bakeries, bread, 1931	54.0	46.7	55.3	29.8
Bakeries, cake, 1931	49.9	44.1	48.6	27.5
Cane-sugar refining, 1930	55.1	43.0	47.2	28.9
Cigarettes, 1930	46.5	43.2	37.8	26.8
Dyeing and finishing of textiles:				
1930	50.7	42.4	47.3	33.5
1932	51.1	43.5	41.8	29.1
Gasoline filling stations, 1931	59.5	------	39.3	------
Glass, 1932	34.8	38.8	49.7	24.7
Leather, 1932	42.1	40.9	49.3	30.3
Motor-vehicle repair garages, 1931	51.0	------	57.9	------
Portland cement:				
1929	56.7	46.6	51.8	38.9
1932	45.8	27.2	40.1	38.6
Pottery:				
Semivitreous:				
1925	[4] 74.4	[4] 69.0	70.5	38.5
1932	[4] 59.3	[4] 54.6	53.5	29.2
Vitreous:				
1925	[4] 83.5	[4] 77.4	63.8	32.9
1932	[4] 45.8	[4] 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] [illegible]
[2] 1 month and average earnings per flight hour.
[3] Average full-time hours in 1 month and wages per hour on duty regardless of actual flight.
[4] Average actual hours worked in 2 weeks.

Source: Bureau of Labor Statistics, Department of Labor.

No. 331.—AVERAGE WAGES PER HOUR AND AVERAGE FULL-TIME HOURS OF LABOR PER WEEK IN THE PETROLEUM INDUSTRY, 1929

NOTE.—The four States shown accounted for about 85 per cent of the total petroleum production in the United States in 1928. The "general average," which covers all occupations of the industry indicated, including those not shown separately, is weighted according to the relative importance of the occupations

District	Oil wells															
	Derrick men		Drillers		Drillers' helpers and clean-outs' helpers		Engineers and pumpers		Firemen		Laborers, roustabouts, and connection men		General average			
	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	Hours per week	Wages per hour		
		Dolls.		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		*Dolls.*		
California	48.0	0.991	48.0	1.369	48.0	0.888	48.0	0.812	48.0	0.769	48.0	0.734	48.0	0.917		
Louisiana, northern	70.5	.511	75.6	.819	76.5	.438	71.3	.494	79.8	.468	67.3	.472	69.9	.522		
Louisiana, southern	65.9	.562	68.2	.954	66.9	.496	72.2	.516	70.3	.521	63.6	.488	66.7	.572		
Oklahoma	84.0	.602	74.5	1.080	66.5	.616	73.8	.454	78.0	.486	56.5	.522	62.6	.563		
Texas, Gulf	60.4	.582	61.1	.969	59.2	.533	76.2	.479	69.8	.512	58.8	.519	62.5	.585		
Texas, other	76.2	.505	80.3	.881	77.4	.501	81.5	.435	82.1	.479	65.0	.491	67.4	.535		
	Pipe lines															
	Engineers and pumpers		Firemen		Gaugers		Laborers, roustabouts, and connection men		Line walkers		Telegraph operators		General average			
	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	Hours per week	Wages per hour		
California	48.0	0.871	48.0	0.799	48.0	0.900	48.0	0.704	48.0	0.745	------	------	48.0	0.803		
Louisiana [1]	57.4	.673	53.6	.630	59.5	.726	55.1	.437	57.4	.004	50.1	0.668	55.5	.612		
Oklahoma	58.3	.694	51.1	.711	64.1	.698	55.4	.456	56.5	.613	48.4	.720	56.3	.590		
Texas, Gulf	55.5	.666	55.4	.605	53.9	.694	55.5	.479	56.4	.632	50.1	.690	55.2	.577		
Texas, other	57.1	.681	55.3	.629	61.5	.661	61.9	.493	69.8	.565	52.6	.666	60.4	.591		

[1] Northern and southern Louisiana districts combined to avoid disclosing the identity of establishments.

No. 332.—AVERAGE WAGES PER HOUR AND AVERAGE FULL-TIME HOURS OF LABOR PER WEEK 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 ma[illegible] work less hours. General averages are weighted according [illegible] tions. Data are not collected annually, but at intervals, [illegible] except for bituminous coal mines for which 1926 data are a[illegible]

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 wages—	*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
Anthracite: [1]					
Average wages—	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
General average	75.3	85.7	------	82.4	------
Company miners	69.7	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 wages—					
General average [2]	85.3	78.8	65.9	59.8	41.0
Brakemen [1]	77.9	71.0	59.6	57.6	42.1
Drivers [1]	82.4	74.8	63.7	60.2	45.2
Loaders, hand [3]	90.2	81.1	64.8	56.1	36.9
Miners, hand or pick [3]	84.0	80.8	67.3	58.9	37.6
Miners, machine [3]	127.4	116.3	101.8	94.0	62.6
Trackmen [1]	82.6	73.7	63.5	60.8	44.6

[1] Based on hours actually worked, excluding lunch time.
[2] 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.
[3] Based on hours actually worked, plus lunch time.

Source of Tables 331 and 332, Bureau of Labor Statistics, Department of Labor.

No. 333.—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. So[illegible] rates—one for the 10-hour and one for the 8-hour day, or one for whit[illegible] workers; these distinctions have not [illegible] the tabulated the lowest rates are shown for thos[illegible] where there Mexican workers, and the highest, [illegible] 8-hour day is more or less prevalent

Industry and geographic division	1926	1927	1928		1929		1930	1931	1932	1933
	July 1	July 1	Jan. 1	July 1	Jan. 1	July 1	July 1	July 1	July 1	July 1
Industries reporting	**42.8**	**42.6**	**43.0**	**44.9**	**45.0**	**43.7**	**43.1**	**41.2**	**38.1**	**35.1**
Automobiles	46.1	46.3	50.5	57.2	55.9	49.9	48.2	57.7	62.0	46.5
Brick, tile, and terra cotta	40.7	42.2	38.0	39.4	37.8	37.8	38.0	33.9	28.9	24.7
Cement	40.1	39.2	38.3	37.2	37.9	37.8	37.9	37.2	30.6	29.5
Electrical machinery, apparatus and supplies	43.1	44.2	44.9	46.0	45.7	45.9	44.8	42.9	39.6	41.2
Foundry and machine-shop products	37.1	37.8	38.1	38.4	39.4	39.8	39.0	38.2	34.8	31.8
Iron and steel	42.7	43.2	42.6	42.5	42.5	42.5	42.1	41.8	31.8	33.6
Leather	40.9	41.4	42.1	42.3	42.1	42.2	41.9	39.1	32.9	31.6
Lumber (sawmills)	33.6	32.2	31.0	31.7	30.8	32.0	31.6	27.7	21.5	20.8
Paper and pulp	42.8	42.5	44.2	44.3	43.1	44.0	43.2	37.2	35.6	32.6
Petroleum refining	47.9	44.0	44.5	45.4	48.0	45.7	48.1	47.5	42.1	40.7
Slaughtering and meat packing	41.5	41.7	41.8	42.2	41.2	42.0	41.8	41.7	34.6	32.3
Public utilities [1]	42.0	39.8	41.2	42.9	41.9	42.8	44.6	44.6	41.5	38.7
General contracting [2]	47.1	48.2	48.2	47.4	48.6	48.3	47.0	42.6	39.9	38.3
United States	**42.8**	**42.6**	**43.0**	**44.9**	**45.0**	**43.7**	**43.1**	**41.2**	**38.1**	**35.1**
New England	47.1	46.7	47.3	48.2	46.4	48.0	49.5	45.4	40.4	37.1
Middle Atlantic	45.1	47.2	48.7	47.8	47.6	46.4	46.1	45.1	40.4	36.7
East North Central	48.0	46.7	47.4	51.6	52.2	48.4	47.0	46.2	45.0	38.9
West North Central	40.1	40.6	41.1	41.3	41.0	41.8	40.6	42.9	35.8	34.5
South Atlantic	32.8	31.5	29.4	29.4	29.2	30.2	32.1	28.9	23.4	25.3
East South Central	27.6	27.0	26.7	26.0	26.3	26.8	26.7	25.2	21.0	25.7
West South Central	32.5	31.8	30.9	33.8	32.9	35.6	33.0	29.9	23.7	23.4
Mountain	44.4	44.4	43.7	44.0	45.1	44.9	45.2	43.1	39.3	42.3
Pacific	45.9	46.5	46.6	46.9	48.4	47.9	47.6	43.5	40.2	38.0

[1] Includes street railways, gas w[illegible] ctric power and light plants.
[2] Includes building, highway, [illegible] construction.

No. 334.—WAGES OF COMMON LABOR IN ROAD BUILDING: CENTS PER HOUR

NOTE.—The current data beginning January, 1922, are compiled directly from Federal-aid project reports. 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
1917	28	31	30	21	17	21	29	34	36	36
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	36	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	25	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
1932										
March	34	44	38	19	16	27	40	37	45	47
June	33	34	35	20	19	25	36	31	44	47
September	32	34	34	19	19	26	36	34	44	47
December	32	33	35	21	20	27	37	34	44	48
1933										
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	58

Sources: Table 333, Bureau of Labor Statistics, Department of Labor; Table 334, Bureau of Public Roads, Department of Agriculture.

No. 335.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES: REVISED SERIES

NOTE.—Monthly averages, 1923–1925=100. Indexes are currently based on monthly reports from establishments in 1931 (52 to 62 industries in earlier years) employing approximately 50 percent of all factory employees in the United States. The indexes for the separate industries, for the whole, for each of the separate industries included (for the most important of which see table 338) and for the 14 industrial groups in Table 337 have been adjusted to conform with the Federal Biennial Census data on employment and pay rolls through the year 1929. The indexes are combined according to the relative importance of the industries included and are adjusted to 1923–1925 average. For a detailed description of the construction of these indexes refer to Bulletin No. 557 of the United States Bureau of Labor Statistics. See Table 336 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	116.0	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
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	115.5	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	107.0	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

Source: Bureau of Labor Statistics, Department of Labor.

No. 336.—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 335. 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	106.1	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

Source: Federal Reserve Board.

No. 337.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING ESTABLISHMENTS: BY GROUPS OF INDUSTRIES

NOTE.—Monthly average, 1923–1925=100. See headnote, Table 335

Year and month	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
	Food and kindred products		Textiles and their products		Lumber and allied products		Paper and printing		Chemicals and allied products		Rubber products		Leather and manufactures	
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	76.6	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	96.1
1923	102.1	100.4	105.2	105.8	101.5	100.0	99.2	98.2	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	85.6	76.1	72.6	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
1932														
January	83.7	78.7	81.1	62.2	45.1	30.4	90.7	85.5	89.8	78.1	68.7	50.9	79.1	60.2
February	82.3	76.7	84.4	66.5	45.0	29.9	89.0	83.5	89.8	78.7	68.7	51.6	83.7	69.4
March	81.5	75.1	82.7	64.5	43.0	28.1	88.2	82.3	89.1	77.5	67.6	49.4	84.8	70.6
April	82.8	74.6	76.9	54.2	42.0	26.3	87.0	79.8	89.0	75.6	66.5	46.3	82.4	63.0
May	82.2	74.8	71.2	45.9	40.7	25.0	85.3	76.9	84.7	73.0	65.7	45.8	76.1	51.6
June	84.9	74.5	66.7	41.3	39.9	23.5	83.6	72.8	77.1	67.7	66.5	49.8	73.8	50.6
July	86.2	72.3	62.0	36.9	38.5	21.3	82.1	68.9	75.7	63.5	64.4	43.0	74.9	52.3
August	91.2	74.0	69.7	46.3	38.3	21.9	80.8	67.1	75.1	63.0	63.2	39.7	79.6	58.4
September	97.9	77.4	79.8	57.1	39.9	23.9	82.3	69.8	82.5	66.5	61.6	38.1	81.5	61.7
October	93.8	75.3	84.0	60.5	41.5	25.6	83.9	71.7	84.6	67.6	63.5	41.9	82.6	62.3
November	87.3	70.2	82.1	55.0	40.6	23.9	83.6	70.0	85.2	67.5	64.3	40.9	76.1	49.4
December	82.8	67.3	80.2	51.6	39.1	21.6	83.1	69.5	85.0	66.4	64.2	41.2	73.3	47.5
1933														
January	79.1	64.6	77.9	48.3	36.4	18.8	81.6	66.7	84.0	66.4	61.8	36.9	76.7	49.3
February	78.2	63.0	80.9	52.6	36.0	18.8	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	69.3	53.3	83.4	64.8
July	94.5	76.8	95.4	64.4	46.6	27.6	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
	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	
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
1932														
January	46.9	32.5	59.4	36.3	64.1	47.3	66.1	47.5	64.7	47.8	55.4	48.5	63.5	49.0
February	47.6	34.3	59.6	37.1	64.9	48.5	66.0	47.5	67.1	51.8	56.1	46.6	66.0	49.4
March	47.7	33.8	58.5	35.5	63.9	45.5	64.0	44.6	65.6	51.3	56.4	46.8	64.8	48.1
April	47.8	33.6	56.5	32.3	61.0	41.9	60.7	40.9	61.7	48.2	57.0	47.3	62.9	45.5
May	45.8	31.2	54.3	30.7	58.1	38.2	58.4	38.0	61.7	52.3	55.3	47.2	61.8	44.7
June	43.3	27.6	52.4	27.2	56.2	36.0	55.3	34.4	61.0	46.3	51.9	41.8	63.4	48.1

[1] Data not available. [2] Not including machinery. [3] Not including transportation equipment.

No. 337.—Indexes of Employment and Pay Rolls in Manufacturing Establishments: By Groups of Industries—Continued

Year and month	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
	Stone, clay, and glass products		Iron and steel and their products		Nonferrous metal and products		Machinery		Transportation equipment		Railroad repair shops		Tobacco manufactures	
1932														
July	41.7	25.4	49.4	23.4	50.2	30.8	52.3	30.6	58.8	43.1	50.7	37.3	62.8	47.3
August	42.1	26.0	48.7	23.5	52.9	32.2	50.1	29.0	52.4	33.7	48.2	36.0	62.7	45.6
September	43.3	26.5	49.8	24.8	55.3	35.7	50.4	29.7	46.7	25.1	50.0	36.5	64.3	46.9
October	44.5	28.0	51.1	27.2	56.9	39.1	51.0	30.6	41.1	26.6	52.3	39.5	66.0	48.4
November	43.5	26.4	51.1	26.4	57.6	38.3	51.1	30.2	43.9	29.5	54.0	42.8	66.8	48.2
December	40.5	24.3	49.3	24.6	55.9	35.6	50.6	30.3	47.5	33.2	53.3	42.6	63.3	46.4
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
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	43.2
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

Source: Bureau of Labor Statistics, Department of Labor.

No. 338.—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 335.

Industry group and industry	Employment					Pay rolls				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
Food and kindred products	112.8	109.4	97.4	86.4	94.4	113.9	108.9	93.0	74.2	76.2
Baking	123.6	121.5	112.6	101.2	101.2	125.3	123.7	109.0	88.6	82.7
Beverages	101.3	[1]	85.5	74.0	127.9	106.1	[1]	83.1	64.3	118.0
Butter	100.3	[1]	82.0	75.3	76.1	102.5	[1]	79.1	65.7	58.7
Confectionery	101.7	92.1	82.0	74.2	79.7	103.7	93.3	77.5	59.9	59.5
Flour	80.6	73.9	68.1	65.1	67.7	85.7	78.7	66.7	55.9	53.9
Ice cream	96.0	89.0	76.0	64.5	62.9	102.7	93.0	76.9	56.4	48.6
Slaughtering and meat packing	96.7	92.1	84.1	79.8	87.6	101.5	96.3	82.2	65.2	67.7
Sugar refining, cane	94.3	92.3	80.3	74.2	78.6	91.4	89.7	79.6	68.7	67.0
Textiles and their products	104.8	92.9	87.2	76.7	87.9	105.2	85.6	75.1	53.5	61.2
Fabrics	99.2	86.0	80.3	71.9	86.2	99.4	79.4	70.2	50.9	62.2
[illegible]	96.2	74.2	67.5	52.0	60.6	90.1	59.7	54.3	32.2	42.6
[illegible]	96.1	80.7	74.5	67.8	87.5	90.1	69.4	61.0	44.6	62.1
[illegible] tiles	121.8	112.0	103.3	89.3	94.8	124.8	108.7	101.2	72.3	73.6
Knit goods	112.5	102.9	96.0	94.1	102.2	129.8	108.6	92.2	75.5	81.4
Silk and rayon goods	103.8	95.1	86.9	68.7	75.5	105.6	87.2	74.8	46.4	51.8
Woolen and worsted goods	82.6	67.2	67.1	59.5	78.2	80.1	60.5	57.3	41.3	54.5
Wearing apparel	113.3	105.0	99.6	84.8	88.2	111.0	93.6	80.7	55.5	55.7
Clothing, men's	103.2	91.4	84.9	74.4	80.3	95.8	74.7	62.8	42.3	47.3
Clothing, women's	146.8	142.2	135.8	110.4	110.0	142.6	127.9	110.5	73.9	68.0
Millinery	101.3	91.3	83.7	76.3	75.9	104.0	88.6	79.2	65.2	57.9
Shirts and collars	109.1	102.7	104.0	90.5	99.0	109.2	90.3	82.7	61.0	72.1
Lumber and allied products	95.4	76.1	56.3	41.1	44.2	97.4	72.6	46.6	25.1	26.4
Furniture	111.9	89.0	73.7	57.8	61.7	114.0	80.7	59.2	34.8	36.3
Lumber, millwork	84.6	64.4	51.1	35.6	34.5	83.5	61.1	42.0	21.7	19.5
Lumber, sawmills	87.7	67.6	41.1	26.1	28.7	90.7	67.6	33.6	14.2	16.0
Paper and printing	111.3	108.0	96.3	85.0	86.2	119.5	114.6	97.3	74.8	69.3
Boxes, paper	97.9	90.7	81.8	70.5	77.0	102.9	91.6	79.0	60.1	62.7
Paper and pulp	106.1	102.5	89.5	82.4	90.3	112.5	104.6	82.1	61.7	64.9
Printing and publishing:										
Book and job	113.1	110.9	100.7	85.8	79.4	118.7	115.6	99.1	73.4	62.5
Newspapers and periodicals	111.0	109.9	101.8	92.8	93.3	121.8	119.4	108.0	88.6	80.0

[1] Data not available.

No. 338.—Indexes of Employment and Pay Rolls in Manufacturing Establishments: By Industry Groups and Industries—Continued

Industry group and industry	Employment					Pay rolls				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
Chemicals and allied products	115.6	109.5	95.1	84.0	94.7	121.0	112.2	91.8	70.4	74.3
Chemicals	109.2	99.5	85.1	72.9	87.2	120.0	103.5	84.2	63.0	71.9
Druggists' preparations	116.4	106.2	103.2	90.3	90.7	124.4	116.3	105.3	82.4	81.0
Explosives	95.3	79.7	80.4	66.4	76.3	102.0	74.7	66.9	45.3	52.3
Fertilizers	113.4	111.0	78.8	62.4	82.5	108.3	104.2	73.4	49.6	55.8
Paints and varnishes	122.3	(1)	94.4	82.2	85.7	129.6	(1)	90.3	66.8	64.3
Petroleum refining	124.4	124.9	106.2	96.1	99.8	129.2	130.4	105.8	85.4	83.1
Rayon and allied products	244.4	242.2	241.9	217.0	281.9	220.2	214.1	188.4	140.4	178.8
Rubber products	111.0	85.9	73.9	65.4	73.9	115.1	84.7	62.5	44.9	50.2
Boots and shoes	102.1	82.0	63.2	52.5	50.9	105.6	77.4	48.6	37.7	42.5
Rubber goods other than boots, shoes, tires, etc	120.3	(1)	102.3	94.1	112.2	126.4	(1)	89.9	70.0	79.5
Tires and inner tubes	110.0	79.0	64.9	57.1	64.7	113.2	79.3	56.2	37.7	41.7
Leather and its manufactures	98.5	91.2	84.3	79.0	83.3	99.0	82.3	72.1	58.1	62.9
Boots and shoes	96.7	90.2	85.3	81.7	83.9	95.6	78.3	70.2	58.5	61.5
Leather	91.1	84.6	76.9	69.1	81.3	92.8	83.0	72.5	56.0	66.8
Stone, clay, and glass products	93.8	80.2	63.7	44.6	45.0	93.7	76.9	53.9	29.1	27.6
Brick, tile, and terra cotta	91.5	72.2	50.2	29.6	27.0	84.7	62.2	35.2	14.0	12.0
Cement	90.3	84.6	65.8	44.9	41.1	92.9	83.4	56.9	27.7	22.2
Glass	96.7	83.8	71.5	58.9	69.8	100.9	82.9	66.5	45.9	52.9
Pottery	94.7	82.9	72.3	57.0	60.2	91.4	74.1	56.4	35.1	35.8
Iron and steel and their products, not incl. machinery	102.6	89.2	69.7	53.3	58.6	107.8	85.7	55.0	29.1	36.2
Cast-iron pipe	87.8	80.4	71.5	45.5	39.2	85.2	75.3	55.1	24.2	19.7
Hardware	101.7	88.6	70.3	55.1	55.8	106.9	81.6	58.9	35.5	36.1
Blast furnaces and steel works	103.2	90.3	68.4	51.5	58.5	109.6	87.7	53.6	24.8	35.4
Steam and hot-water heating apparatus and steam fittings	91.6	78.3	67.1	46.5	49.5	92.4	69.0	46.3	24.7	26.4
Stoves	99.3	83.1	69.4	57.3	68.7	98.8	74.3	53.4	35.0	43.9
Structural and ornamental metal work	111.2	98.9	76.0	50.8	46.1	112.8	94.2	61.5	31.1	26.3
Tin cans and other tinware	104.3	(1)	83.7	73.8	78.7	113.6	(1)	83.3	67.3	70.6
Wirework	124.2	(1)	95.6	90.3	103.3	129.3	(1)	80.6	61.9	75.7
Nonferrous metals and their products	111.4	(1)	74.0	58.1	62.0	116.4	(1)	63.1	39.1	41.5
Aluminum manufactures	138.4	(1)	90.2	64.3	71.8	150.0	(1)	81.3	42.1	50.9
Brass, bronze, and copper products	121.5	96.6	74.9	57.8	64.1	128.3	88.7	60.3	35.8	41.3
Lighting equipment	104.2	(1)	65.3	49.5	51.4	110.6	(1)	60.4	38.8	38.7
Smelting and refining copper, lead, and zinc	91.3	(1)	54.4	45.3	50.7	99.4	(1)	45.9	27.3	29.2
Stamped and enameled ware	120.5	106.3	85.4	69.8	76.5	125.6	104.9	76.8	49.0	52.3
Machinery, not including transportation equipment	125.9	104.6	78.3	56.3	58.9	134.2	102.2	63.9	36.1	37.9
	147.9	110.7	62.3	39.2	44.5	160.0	106.9	51.9	32.4	37.7
	127.3	107.1	80.9	56.8	51.3	134.4	109.3	68.7	37.1	33.6
Engines, turbines, tractors, and water-wheels	125.3	106.1	68.1	42.4	44.8	138.9	107.2	54.0	24.0	25.7
Foundry and machine-shop products	111.3	94.2	69.7	50.4	52.6	117.9	89.0	55.4	31.1	32.8
Machine tools	167.2	126.0	74.7	40.5	41.7	187.6	121.9	61.5	27.5	28.7
Radios and phonographs	204.5	141.0	124.4	100.0	151.4	202.9	139.8	96.5	62.7	85.4
Textile machinery and parts	88.1	71.2	61.3	48.7	61.1	96.7	66.0	54.3	35.4	47.0
Transportation equipment	103.5	80.2	66.3	56.0	54.2	105.4	70.2	52.3	40.7	39.5
Automobiles	111.3	80.3	71.0	60.8	59.8	111.6	65.7	53.4	42.3	42.8
Cars, electric and steam railroad	63.1	54.7	29.6	26.3	25.4	63.1	53.2	25.4	23.5	20.5
Locomotives	56.8	52.3	28.0	19.4	15.6	58.3	51.5	18.1	8.9	5.8
Shipbuilding	101.3	107.3	83.0	66.0	55.4	109.7	113.5	76.8	52.5	38.9
Railroad repair shops	82.6	73.4	64.1	53.4	52.0	90.4	78.1	61.7	42.7	41.7
Electric railroad	87.8	85.8	79.3	71.7	66.3	97.2	93.0	80.2	64.3	55.1
Steam railroad	82.2	72.4	62.9	52.0	50.9	89.8	74.8	60.4	41.2	40.8
Tobacco manufactures	83.9	78.3	72.1	64.0	59.7	81.8	72.7	60.1	47.3	42.5
Chewing and smoking tobacco and snuff	68.0	69.8	71.9	76.2	74.5	71.3	71.3	69.0	66.0	63.1
Cigars and cigarettes	86.0	79.4	72.1	62.5	57.9	83.1	72.9	58.9	45.0	39.9

[1] Data not available.

Source: Bureau of Labor Statistics, Department of Labor.

No. 339.—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	107.4	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	103.1	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	91.6	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	95.1	89.0	88.4	87.8	78.6	85.6	96.3	85.0	77.6	80.1
1931	73.5	73.4	81.4	74.8	71.0	75.1	65.3	67.1	75.1	60.4	53.8	60.1
1932	60.6	59.2	68.1	64.5	56.5	63.0	45.6	46.6	54.6	40.7	34.3	40.3
1933	65.7	61.5	70.3	67.5	59.6	69.7	48.7	46.5	53.3	43.8	36.6	44.7
1930												
March	86.5	91.4	97.5	95.8	96.9	94.5	86.6	94.4	101.7	97.3	88.4	94.0
June	82.1	86.7	92.5	90.3	91.2	89.0	79.4	86.7	94.1	86.1	80.7	83.0
September	79.9	84.6	96.8	85.3	82.9	83.1	76.9	84.5	97.2	78.5	70.1	72.3
December	74.4	77.5	90.4	80.1	77.5	77.5	68.7	73.7	87.1	70.0	62.2	63.9
1931												
March	77.0	77.8	84.8	78.5	76.6	78.2	71.9	75.1	80.7	68.7	61.7	68.8
June	74.9	73.4	81.1	74.3	72.3	76.7	66.2	66.7	75.1	60.9	55.5	64.2
September	75.0	73.6	80.6	73.1	68.3	75.0	65.0	66.5	69.6	54.9	49.4	55.6
December	65.6	67.7	75.1	71.3	63.6	66.9	53.7	57.8	65.7	52.6	44.3	48.8
1932												
January	65.2	65.0	72.9	69.2	61.6	65.1	52.6	54.6	63.4	49.3	42.8	44.1
February	68.3	65.0	73.9	69.5	62.0	67.6	55.8	53.9	63.4	48.9	41.6	48.1
March	67.0	64.6	72.2	68.3	61.3	68.1	54.4	53.8	60.7	47.6	39.8	48.5
April	61.1	62.2	70.0	65.6	58.8	66.2	47.5	50.1	57.1	43.2	36.9	44.6
May	56.8	57.6	68.8	62.9	57.2	63.9	42.2	44.9	55.8	39.3	34.9	41.3
June	53.9	55.6	67.8	61.5	56.6	62.4	39.3	42.6	54.1	37.3	33.5	38.0
July	50.4	52.4	64.9	58.7	52.3	62.4	35.8	39.4	50.1	33.2	28.9	34.2
August	56.6	54.4	63.4	59.6	53.5	60.2	40.8	41.2	48.0	34.8	31.0	35.3
September	62.2	57.8	66.0	63.6	54.5	61.1	46.2	44.9	51.4	37.6	31.8	37.0
October	64.7	59.5	66.2	65.6	54.4	60.5	47.3	46.4	52.0	40.6	32.1	39.3
November	61.4	58.9	65.5	65.2	53.5	60.1	43.5	44.2	49.6	39.1	29.7	38.2
December	59.1	57.1	65.2	63.3	51.7	58.8	41.8	42.6	49.6	37.4	29.1	35.0
1933												
January	58.1	55.4	62.2	60.3	50.7	57.3	39.7	40.1	46.2	33.7	28.5	32.5
February	60.3	56.3	63.4	61.7	52.1	58.8	42.3	40.7	47.5	34.8	29.6	34.0
March	56.2	53.7	60.9	58.7	50.8	58.6	37.2	38.4	43.5	32.5	27.2	32.6
April	56.4	55.3	60.8	59.0	51.7	60.8	38.0	40.1	45.2	33.4	28.2	36.4
May	58.5	57.1	63.7	62.1	53.6	63.3	42.2	42.4	48.1	37.8	31.3	40.6
June	62.9	59.5	67.3	65.6	57.2	69.5	47.0	45.1	52.1	42.5	35.4	46.8
July	69.0	62.2	70.4	68.4	60.9	75.9	53.0	48.0	54.4	•45.7	37.9	49.2
August	73.2	65.7	74.9	73.2	67.9	77.5	57.3	51.0	57.5	53.2	42.6	53.3
September	75.1	69.6	79.5	76.3	69.7	79.7	59.4	55.0	60.0	53.6	43.0	53.8
October	76.5	69.6	80.5	76.6	68.9	80.0	59.4	54.1	61.6	55.3	43.0	55.3
November	72.9	67.4	80.5	75.3	66.2	78.3	55.7	51.8	62.0	52.4	40.3	52.3
December	69.1	66.2	79.8	72.5	65.4	76.5	52.8	51.3	61.2	50.6	40.5	50.1

[1] Compiled by the Massachusetts Department of Labor and Industries, based upon monthly returns from between 1,000 and 1,100 representative establishments employing about 40 percent of the total factory employees in the State. The employment [illegible] the annual State census of manufactures each year when the census material [illegible]. 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, 1,850 in 1930, and by the end of 1933, 1,700, representing 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 766 manufacturers covering 56 industries which in 1929 employed about 255,000 wage earners and accounted for approximately 60 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 1,750 manufacturers covering 68 industries which in 1929 employed approximately 573,000 wage earners, and accounted for about 61 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 1929 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 Census of Manufactures.

[4] Compiled by the Illinois Department of Labor. The indexes are computed by the link relative method; an average of 1,079 establishments reported for the year 1933.

[5] Compiled by the Industrial Commission of Wisconsin, from reports of about 850 manufacturing establishments.

Sources: See footnotes.

No. 340.—WEEKLY EARNINGS OF FACTORY LABOR IN SPECIFIED STATES

[Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years [illegible] New York, Illinois, Wisconsin, and Massachusetts, monthly average of the years 1925–27. [illegible] eral Reserve Bank of Philadelphia from reports of 56 manu- stries which in 1929 employed over 11,000 wage earners, and the total factory wage earners and pay rolls; *for original sources* etc., in each State, see notes 1 to 5, Table 339]

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	105.9	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	73.1	75.4	83.5	65.6	72.6	64.1	60.1
1932										
March	24.13	20.08	17.47	81.2	83.3	92.7	69.4	82.9	70.8	68.7
June	22.19	18.33	14.64	72.9	76.6	88.2	60.2	74.7	64.6	57.6
September	22.50	17.94	14.10	74.2	77.7	86.1	59.9	72.9	63.2	55.6
December	21.63	17.16	14.13	70.8	74.7	84.1	59.1	73.7	60.5	55.7
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	79.0	79.0	83.3	72.2	72.4	66.6	64.8
December	22.43	18.93	16.16	71.2	77.4	84.7	71.5	75.1	66.7	63.3

Sources: See headnote.

No. 341.—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 1,600 plants during 1933. 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 [illegible] the relative proportion of the group in each industry as revealed in the Conference [illegible] the 3-year period 1927–29. The pay-roll data are [illegible] full week [illegible] enerally recognized holiday falls in that week, upon [illegible]

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	22.60	84.9	19.19	86.1	25.00	81.1	14.71	85.3
1932	17.10	64.3	14.54	65.2	19.52	63.4	11.72	68.0
1933	17.71	66.6	14.91	66.9	20.26	65.8	12.36	71.7
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	.461	104.0	.634	102.5	.371	96.7
1932	.497	91.9	.401	90.5	.560	90.5	.325	84.9
1933	.491	90.7	.401	90.5	.550	88.9	.340	88.7

Source: National Industrial Conference Board (Inc.).

No. 342.—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 non-metallic 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
1932														
January	76.2	61.5	80.8	47.0	49.3	29.7	48.9	30.2	54.9	46.5	83.0	89.1	89.3	88.4
February	71.2	57.3	77.4	47.0	46.9	27.8	47.4	29.6	54.4	46.9	82.0	89.6	87.2	86.0
March	73.7	61.2	75.2	46.8	45.0	26.5	46.0	28.7	51.4	43.2	81.7	88.2	85.5	85.4
April	70.1	72.0	65.5	33.9	43.3	25.0	48.6	30.0	54.9	44.5	81.2	83.4	84.8	82.4
May	66.9	58.0	62.6	30.7	38.3	23.8	50.6	32.3	54.5	47.1	80.6	82.8	84.0	84.2
June	53.0	37.4	60.5	27.3	32.2	20.1	49.5	30.0	54.2	44.8	79.9	82.1	83.2	80.5
July	44.5	34.5	58.6	24.4	29.5	16.9	49.5	29.1	55.4	44.6	79.1	79.6	82.3	78.7
August	49.2	41.4	59.4	26.4	28.6	16.5	51.1	29.7	57.4	42.9	78.1	79.1	81.5	76.7
September	55.8	47.0	62.4	30.2	29.3	17.0	52.4	30.5	56.2	41.9	77.4	75.9	81.0	74.7
October	63.9	66.7	67.0	37.8	30.5	18.0	52.4	30.1	56.8	42.5	76.2	75.7	79.9	74.4
November	62.7	51.0	69.4	38.0	31.9	18.7	49.4	27.1	56.5	42.4	75.5	74.3	79.1	73.2
December	62.3	56.2	70.0	37.7	33.3	18.7	42.3	22.1	57.2	41.7	74.8	73.5	78.4	73.2
1933														
January	52.5	43.2	69.8	36.1	32.4	18.1	35.1	18.1	57.2	39.9	74.6	71.7	77.7	73.0
February	58.7	56.8	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	66.6	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	61.6	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	75.0	53.2	69.4	67.7	81.8	74.4

	Electric railroad and motor-bus operation and maintenance [1]		Wholesale trade		Retail trade		Hotels		Laundries [2]		Dyeing and cleaning [2]		Banks, brokerage, insurance, and real estate	
	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	96.0	95.9	95.9	96.2	99.2	98.5	(3)	(3)	(3)	(3)	(3)	(3)
1931	84.7	83.4	86.6	83.6	89.4	86.6	91.7	85.4	93.1	88.3	85.6	76.1	(3)	(3)
1932	75.5	68.0	78.2	67.0	80.9	69.4	79.0	64.5	83.5	70.1	75.2	57.3	98.3	89.7
1933	70.0	58.9	77.9	60.4	81.7	64.3	74.9	54.4	78.8	59.5	74.3	49.5	97.8	84.6
1932														
January	79.5	75.4	81.8	74.1	84.3	78.0	83.2	73.9	88.2	80.0	75.8	62.4	98.3	93.3
February	78.9	74.8	80.9	72.5	80.5	73.7	84.3	73.9	86.3	76.7	74.4	59.0	98.3	93.0
March	77.6	73.6	79.8	71.3	81.4	73.4	84.0	72.4	85.4	75.0	74.4	58.5	98.9	92.9
April	78.0	71.8	78.9	68.9	81.6	72.7	82.7	69.6	85.4	74.7	76.9	62.5	98.6	92.1
May	76.9	72.2	77.9	69.7	80.9	71.1	80.1	67.0	84.8	73.9	78.0	63.8	98.0	92.7
June	76.5	70.2	77.0	66.2	79.4	68.2	78.0	63.8	84.4	71.8	78.6	62.4	97.9	90.0
July	75.6	66.4	76.6	64.7	74.6	63.3	78.4	61.8	83.6	69.4	76.1	56.9	98.4	89.3
August	74.1	63.8	76.4	63.2	72.6	60.7	77.6	59.6	82.2	66.9	73.4	53.4	98.5	88.2
September	73.5	62.5	77.1	63.1	77.8	64.6	77.0	59.1	81.9	65.8	76.9	57.9	98.4	87.1
October	72.3	61.5	77.8	63.9	81.3	67.1	75.4	58.6	80.7	64.1	76.0	55.8	98.6	86.3
November	71.8	61.7	77.6	63.3	81.7	66.9	74.3	57.5	79.4	61.9	72.0	49.6	98.0	85.7
December	71.4	61.9	77.0	62.6	95.2	73.6	73.2	56.6	79.1	61.4	69.5	45.9	98.0	85.5
1933														
January	70.6	60.9	75.3	61.7	76.9	62.7	73.8	55.7	78.6	60.7	67.4	44.2	97.5	85.2
February	70.4	60.6	74.1	58.6	73.4	58.4	73.8	55.9	77.5	58.1	65.6	40.2	96.8	84.3
March	69.8	59.4	73.1	57.1	71.4	55.1	72.4	53.5	76.1	55.4	65.8	38.9	96.5	83.7
April	69.5	58.1	73.3	56.0	78.6	60.4	71.9	51.7	76.5	56.6	74.9	51.7	96.2	82.9
May	69.1	58.2	74.0	57.4	77.0	59.5	71.9	51.8	76.6	57.1	75.7	51.0	96.2	83.2
June	69.3	58.0	75.7	57.3	78.3	60.5	73.6	52.3	79.2	59.4	79.1	53.7	97.3	84.4
July	69.4	57.4	76.9	59.1	74.6	58.1	75.6	53.3	79.5	58.7	76.6	50.0	97.7	84.8
August	69.5	58.2	79.7	60.8	78.1	62.7	77.1	54.0	81.1	60.3	76.8	50.0	98.3	84.4
September	69.7	57.8	82.1	62.3	86.0	69.2	78.7	55.6	82.6	63.5	81.9	57.1	99.0	84.3
October	70.6	59.8	83.5	66.0	89.6	72.3	77.0	56.2	81.3	62.5	81.6	57.4	99.4	84.7
November	71.0	59.4	83.4	64.1	91.6	72.6	75.8	55.2	78.4	60.7	76.1	52.5	99.6	86.1
December	70.8	59.6	83.3	64.5	105.4	80.3	77.6	57.6	78.4	61.1	70.5	47.3	99.3	87.4

[1] Not including electric-railroad-car building and repairing; see under manufacturing industries, p. 307.
[2] Revised to conform with data on employment and pay rolls through 1931 published by Bureau of the Census.
[3] Data are not available.

Source: Bureau of Labor Statistics, Department of Labor.

No. 343.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR

NOTE.—Index numbers subsequent to 1924 cover only the occupations listed in Table 345; for previous years they included also the metal and millwork trades. See also headnote, Table 344

[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. 344.—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 [illegible] work or other causes nor of overtime work. The relative wages are percentages which [illegible] in wages per hour. The figures are based on the scale prevailing May 15 each year. For absolute hourly wage rates for the same and other occupations, see Table 345

[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	259.5	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	285.0	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. 344.—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	236.1	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	255.0
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	256.5
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	299.2	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	200.6	94.2	245.8	94.5	205.5
1923	93.4	224.0	91.4	228.5	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	226.9
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	94.5	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	88.6	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	250.1	95.5	204.5	96.0	214.2	92.7	209.7	97.8	235.0	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. 345.—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 344

Occupation	1931	1932	1933
Grand average, all trades herein covered [1]	*Dolls.* 1.254	*Dolls.* 1.111	*Dolls.* 1.062
Bakers	.934	.951	.799
BUILDING TRADES			
Asbestos workers	1.471	1.237	1.222
Bricklayers:			
Building	1.700	1.466	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
Insidewiremen, fixture hangers	1.335	1.276	1.002
Lathers	1.565	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	1.369
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
PRINTING AND PUBLISHING: BOOK AND JOB			
Bindery women	*Dolls.* 0.541	*Dolls.* 0.515	*Dolls.* 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	.735	.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.

16.—POSTAL SERVICE

[Postal statistics, unless otherwise noted, include data for outlying territories and possessions except Philippine Islands and Canal Zone]

No. 346.—UNITED STATES POSTAL SERVICE, 1800 TO 1933

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 [3]	International [3]		
1800	903	20,817	281	214	+67					
1810	2,300	36,406	552	496	+56					
1820	4,500	72,492	1,112	1,161	−49					
1830	8,450	115,176	1,851	1,933	−82					
1840	13,468	155,739	4,544	4,718	−175	0.27				
1850	18,417	178,672	5,500	5,213	+287	.20			[5] 2	
1860	28,498	240,594	8,518	19,171	−10,653	.27			216	
1865	20,550	142,340	14,556	13,695	+917	.42	[6] 1,360		387	
1870	28,492	231,232	18,880	23,999	−5,098	.49	34,054	[7] 22	468	
1875	35,547	277,873	26,791	33,611	−6,820	.61	77,431	1,965	682	
1880	42,989	343,888	33,315	36,543	−3,222	.66	100,353	3,464	876	
1885	51,252	365,251	42,561	50,046	−7,481	.76	117,859	6,840	1,465	
1890	62,401	427,990	60,882	66,260	−5,401	.97	114,363	13,230	2,220	4,005
1895	70,064	456,026	76,983	87,180	−10,230	1.12	156,709	12,906	2,795	5,134
1896	70,360	463,313	82,499	90,933	−8,444	1.17	172,101	13,853	3,025	5,694
1897	71,022	470,032	82,665	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	191,354	13,240	3,418	6,214
1899	75,000	496,948	95,021	101,632	−6,630	1.28	211,214	13,745	3,693	6,576
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	124,786	−2,961	1.53	313,551	22,974	4,621	8,085
1903	74,169	506,268	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	62,658	463,406	183,585	190,238	−6,692	2.11	479,650	84,081	7,061	12,286
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	14,605
1910	59,580	447,998	224,129	229,977	−5,881	2.43	547,994	99,743	9,067	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	436,469	246,744	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	102,668	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	306,204	+5,829	3.05	719,365	46,357	11,672	
1917	55,414	454,835	329,726	319,839	+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	13,218	
1921	52,168	434,349	463,491	620,994	−157,518	4.28	1,305,370	24,390	13,870	
1922	51,950	454,901	484,854	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	52,650	17,387	25,835
1926	50,601	470,779	659,820	679,704	−19,972	5.63	1,590,488	63,172	16,333	25,484
1927	50,266	478,662	693,122	714,577	−31,506	5.76	1,647,580	68,952	16,000	26,687
1928	49,944	487,778	693,634	725,700	−32,121	5.78	1,630,157	71,520	16,676	26,837
1929	49,482	500,518	696,948	782,344	−85,461	5.73	1,658,443	76,113	16,917	27,952
1930	49,063	518,617	705,434	803,667	−98,216	5.75	1,714,576	72,708	16,269	27,888
1931	48,733	546,797	656,463	802,485	−146,066	5.29	1,559,549	62,228	15,559	26,544
1932	48,159	558,526	588,172	793,684	−205,551	4.71	1,536,889	48,849	14,651	24,907
1933	47,641	555,578	587,631	699,887	−112,375	4.67	1,647,421	35,116	11,917	19,858

[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 [illegible] ingencies.

[3] [illegible] untries on domestic basis. For explanation see headnote Table 348.

[4] [illegible] 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 $71,292,000, respectively, war-tax revenue accruing from increased postage.

Source: Annual Reports of the Postmaster General.

No. 347.—REVENUES, UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

[All figures in thousands of dollars]

Item	1910	1915	1920	1925	1930	1931	1932	1933
Total	224,129	287,248	437,150	599,591	705,484	656,463	588,172	587,631
Ordinary postal revenue	219,339	279,460	424,406	585,333	686,426	637,834	568,344	564,325
Stamps, postal cards, etc.[1]	202,065	256,037	379,587	507,572	574,851	524,524	459,045	456,407
Second-class postage paid in money (pound rates)[1]	8,174	10,468	25,100	29,619	28,584	25,371	21,189	18,154
Other postage paid in money under permit	4,418	7,527	12,960	39,301	73,545	78,622	77,736	81,485
Box rents	4,139	4,981	6,145	7,817	8,539	8,326	7,832	6,860
Miscellaneous	542	448	614	1,024	907	990	1,641	1,419
Money-order revenues	4,790	7,175	10,314	12,909	17,496	16,333	15,762	16,616
Revenue from postal savings		612	2,430	1,349	1,562	2,297	4,066	6,690

[1] For volume of this item, see Table 352.

No. 348.—POSTAL MONEY-ORDER BUSINESS: YEARS ENDED JUNE 30

NOTE.—For revenues from money orders, see Table 347. For value of orders issued for other years, see Table 346. Money orders are exchanged on a domestic basis not only within this country, but with its outlying possessions, Canada, Cuba, and numerous islands and [illegible] States. International-basis orders are exchanged between the U [illegible] on the one hand, and other than "domestic basis" foreign cou [illegible] ever, "International" includes money orders exchanged bet [illegible] basis" foreign countries, and these are not included in "Domestic"

Item	1910	1915	1920	1925	1930	1931	1932	1933
Number of money-order offices	51,791	55,670	54,395	54,269	54,161	55,404	55,081	56,106
DOMESTIC[1]								
Orders issued:								
Number (1,000)	76,918	105,073	148,491	197,054	202,273	189,874	178,633	170,932
Amount (1,000 dollars)	547,994	656,130	1,332,700	1,532,567	1,714,576	1,559,549	1,536,889	1,647,421
Orders paid:								
Number (1,000)	76,496	103,884	147,520	196,038	201,453	190,255	179,299	171,552
[illegible]	545,632	652,786	1,333,046	1,531,597	1,713,681	1,560,972	1,538,095	1,642,617
[illegible]								
Number (1,000)	422	1,190	971	1,015	820	−381	−666	−620
Amount (1,000 dollars)	2,362	1,353	−346	970	895	−1,423	−1,206	−4,804
INTERNATIONAL[3 4]								
Orders issued:								
Number (1,000)	4,500	3,055	1,852	2,966	3,978	3,705	3,164	2,640
Amount (1,000 dollars)	99,743	60,772	32,960	52,650	72,708	62,228	48,849	35,116
Orders paid:								
Number (1,000)	1,956	2,217	1,508	1,765	2,161	2,076	1,237	949
Amount (1,000 dollars)	27,244	24,743	25,362	19,765	25,825	24,223	14,577	11,012
Excess of issues:								
Number (1,000)	2,544	837	343	1,201	1,817	1,629	1,927	1,691
Amount (1,000 dollars)	72,499	36,029	7,598	32,886	46,883	38,005	34,272	24,104
FOREIGN "DOMESTIC BASIS"[5]								
Paid in foreign countries:								
Number (1,000)	667	655	601	938	1,034	1,004	752	548
Amount (1,000 dollars)	10,184	9,110	9,568	16,920	20,921	18,708	12,224	7,541
Paid in the United States:								
Number (1,000)	1,566	1,936	1,246	1,498	1,751	1,675	934	678
Amount (1,000 dollars)	17,766	18,386	17,916	15,118	17,935	16,097	8,454	6,101

[illegible] issued Nov. 1, 1864, under act of Congress approved May 17, 1864.
[illegible] payments.
[illegible] "domestic basis."
[illegible]st issued Sept. 1, 1869, under Postal Convention of Oct. 12, 1867.
[illegible]al" above.

Source of Tables 347 and 348: Annual Reports of the Postmaster General.

No. 349.—EXPENDITURES, UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

NOTE.—**All figures in thousands of dollars.** For total expenditures see Table 346. Data cover expenditures during the specified fiscal year, whether on account of that year or of previous years

Item	1910	1915	1920	1925	1930	1931	1932	1933
Service in post offices (total)	107,771	139,937	234,102	338,046	429,571	426,199	418,926	357,940
Salaries of postmasters	27,514	30,400	40,108	47,562	52,850	52,138	50,629	44,350
Salaries of clerks, etc	38,045	53,317	102,319	153,336	201,972	200,613	198,585	168,855
City delivery service	31,805	42,668	63,626	95,161	127,890	127,685	127,290	108,835
All other expenditures	10,405	13,552	28,049	41,987	46,860	45,763	42,422	35,909
Railway Mail Service	19,389	28,408	38,711	52,906	61,888	61,115	62,932	52,097
Rural Delivery Service	37,074	49,806	75,794	93,163	106,347	106,487	106,343	93,802
Transportation of domestic mail	61,940	76,914	99,520	142,141	176,984	173,309	168,181	156,380
By railroads	49,405	59,576	70,714	99,720	117,265	111,720	103,813	95,435
By other means	12,535	17,338	28,805	42,421	59,720	61,589	64,368	60,951
Transportation foreign mail	3,204	3,273	5,912	9,175	24,449	30,979	32,956	35,650
Payment account of invalid money orders	600	208	284	138	131	135	140	201
Post Office Department [1]				3,712	4,298	4,261	4,207	3,802

[1] Paid out of the General Treasury prior to 1923.

No. 350.—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 [illegible] rate of expenditure (regular authorizations) represents estimated cost for transporti[illegible] over regular routes only, based on contracts outstanding at the end of each fiscal y[illegible] 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	1932	1933
Steam railway service:							
Length of routes (miles)	220,730	233,676	232,358	230,470	220,416	211,809	205,892
Annual travel (thousand miles)—							
Regular space units	[1]426,923	[1]499,011	561,827	579,256	564,801	491,852	455,677
Prorated to 60-foot car basis			218,349	226,395	228,478	209,727	198,613
Annual expenditure—							
Regular authorizations	49,302	58,149	83,731	88,991	103,970	94,776	88,956
Annual cost			89,661	107,491	125,243	113,428	104,691
Average rate of cost—							
Per mile of length (dollars)	223.36	248.84	360.35	386.12	471.70	447.46	432.05
Per unit mile traveled (cents)	[1]11.55	[1]11.65	14.90	15.36	18.41	19.27	19.52
Per 60-foot car mile (cents)			38.34	39.31	45.70	45.27	45.14
Railway mail service—							
Number of employees	16,795	19,599	20,407	20,693	21,185	21,517	20,154
Expenditure for salary	19,047	21,205	35,644	48,913	56,577	57,842	48,569
Electric railway service:							
Number of routes	539	569	543	288	224	191	168
Length of routes (miles)	7,198	8,183	8,043	8,042	7,012	5,984	5,379
Annual travel of space units (thousand miles)	[1]11,630	[1]13,948	[1]11,752	10,487	9,829	8,052	7,241
Annual rate of expenditure	674	819	471	566	571	474	419
Average cost per unit mile traveled (cents)	[1]5.79	[1]5.87	[1]4.01	5.39	5.81	5.89	5.74
Power boat service:							
Number of routes	217	260	266	284	265	255	239
Length of routes (miles)	27,256	32,402	34,642	49,791	40,130	42,546	38,210
Annual travel (thousand miles)	4,828	5,685	3,992	5,298	4,806	4,496	3,936
Annual rate of expenditure	705	990	[1]773	1,492	1,401	1,418	1,252
Average cost per mile traveled (cents)	14.61	17.42	19.36	28.16	29.15	31.43	31.80
Air mail service: [2]							
Length of routes (miles)		[4]218	3,094	2,665	14,907	26,745	27,079
Mileage scheduled (thousands)		[4]18	654	2,160	16,228	34,509	38,114
Miles traveled with mail (thousands)		[4]16	549	2,077	14,939	32,202	35,910
Mail carried [5] (thousand pounds)		[4]18	527	233	7,720	8,846	6,742
Cost of service		[4]14	1,264	2,744	14,618	19,938	19,400

[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] All air-mail service was Government-operated prior to 1926. In 1926 contract service was inaugurated. Government service was discontinued in 1927. All data represent total service.
[4] 1918 data.
[5] Beginning 1925, only specially paid air mail was carried.

Source of Tables 349 and 350: Annual Reports of the Postmaster General.

No. 351.—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 1933 being as follows: Number of routes, 73; length, 10,370 miles; annual travel, 232,148 miles; annual rate of expenditure, $132,261

As of June 30—	City free delivery			Rural free delivery				Star routes	
	Number of offices	Number of carriers	Annual cost [1] (1,000 dollars)	Number of routes	Length of routes (miles)	Annual travel (1,000 miles)	Annual cost (1,000 dollars)	Number of routes (regular service)	Annual cost (1,000 dollars)
1870	51	1,362	1,231					7,295	5,050
1880	104	2,628	[1] 2,364					9,863	7,321
1890	454	9,066	[1] 7,978					15,887	5,321
1895	804	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	20,928	32,110	721,237		20,865	17,199	7,342
1910	1,492	28,715	31,738	41,079	993,068	303,007	36,915	13,425	6,928
1915	1,808	32,902	39,829	43,866	1,067,674	325,305	52,566	11,557	8,713
1916	1,864	34,114	40,520	42,927	1,083,070	326,435	51,952	11,391	8,466
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	1,143,467	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	45,189	1,227,654	370,273	102,945	10,906	12,774
1926	2,522	48,238	105,370	45,315	1,249,978	377,040	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	1,316,420	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

[1] Data represent audited expenditures; in 1880 and 1890 they include some incidental expense.

No. 352.—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 347

	1910	1915	1920	1925	1930	1932	1933
Transactions in stamped paper:							
Ordinary postage stamps issued (millions)	9,067	11,226	13,213	17,387	16,269	14,651	11,917
Stamped envelopes and wrappers issued (millions)	1,507	1,794	2,350	2,997	3,164	2,385	1,645
Postal cards issued (millions)	726	976	986	1,497	1,643	1,335	1,390
Pieces of mail carried [1] (millions)	14,850			25,835	27,888	24,307	19,868
Second-class matter carried:							
Free in county (1,000 pounds)	55,639	62,142	61,528	69,195	75,326	63,165	53,822
Paid at pound rates (1,000 pounds)	817,773	1,047,144	1,307,227	1,348,297	1,554,415	1,187,414	914,832
Foreign							
Letter	[2] 3,142	3,401	4,608	5,640	7,103	5,504	4,562
Other articles (1,000 pounds)	[2] 17,832	22,848	66,725	66,229	83,377	63,459	49,702
Mail registered:							
Domestic, paid (1,000 pieces)	33,682	27,688	56,951	70,512	76,489	57,082	43,740
International, paid (1,000 pieces)	4,782	4,325	11,300	10,993	7,869	5,421	4,237
Official, free (1,000 pieces)	3,589	5,297	8,663	8,414	8,680	8,986	9,220
Registry fees (1,000 dollars)	3,594	3,201	6,825	8,850	12,807	9,503	[3] 7,601
Mail insured							
Domestic, parcel post (1,000 pieces)		18,012	95,385	152,078	126,421	92,605	69,362
International (1,000 pieces)				603	649	470	357
Total fees paid (1,000 dollars)		941	5,416	8,061	8,775	6,193	5,062
Mail sent C. O. D.:							
Total pieces sent (1,000)		4,721	20,098	52,362	46,249	33,952	28,451
Total fees (1,000 dollars)		472	2,070	5,562	5,825	4,227	3,848

[1] See note 4, Table 346.
[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.

Source of Tables 351 and 352: Annual Reports of the Postmaster General.

No. 353.—POSTAL SERVICE: By States and Outlying Areas

Division and State	Number of post offices, June 30, 1933	Mileage of rural free-delivery routes, June 30, 1933	Gross postal receipts [1]					
			1920	1925	1930	1931	1932	1933
			In thousands of dollars for years ended June 30					
Grand total	47,641	1,365,712	424,525	584,755	686,351	637,350	567,016	563,356
United States proper	47,252	1,365,657	423,463	583,427	684,610	635,670	565,274	561,548
New England	2,571	42,888	32,276	43,498	51,375	48,713	44,895	46,362
Maine	790	12,161	2,866	3,946	3,912	3,852	3,490	3,532
New Hampshire	371	6,237	1,504	2,035	2,286	2,186	2,066	2,144
Vermont	380	8,164	1,220	1,540	1,703	1,651	1,571	1,586
Massachusetts	629	8,054	18,913	25,064	29,627	27,822	25,543	26,527
Rhode Island	87	1,260	2,029	2,702	3,297	3,116	2,912	3,047
Connecticut	314	7,012	5,744	8,211	10,550	10,086	9,313	9,526
Middle Atlantic	5,579	114,304	117,897	161,532	194,927	180,932	163,614	163,728
New York	2,153	49,143	74,772	102,514	125,072	115,127	104,267	103,765
New Jersey	655	8,733	9,512	14,655	19,768	18,974	17,612	18,395
Pennsylvania	2,771	56,428	33,613	44,363	50,087	46,831	41,735	41,568
East North Central	6,216	304,143	107,343	151,924	175,748	158,948	138,394	131,549
Ohio	1,483	69,229	24,800	35,417	42,088	38,536	33,963	31,446
Indiana	1,005	59,379	9,226	13,774	15,613	14,316	12,775	12,491
Illinois	1,577	72,428	51,357	70,753	78,757	70,233	59,852	56,962
Michigan	1,131	53,068	13,199	18,978	24,133	21,061	19,061	18,196
Wisconsin	1,020	50,039	8,761	13,002	15,157	14,202	12,743	12,454
West North Central	7,164	331,016	53,971	73,365	80,641	75,214	65,407	63,938
Minnesota	1,175	53,925	10,847	15,836	17,614	16,332	14,481	14,254
Iowa	1,207	63,981	9,392	11,720	13,504	12,604	10,828	10,204
Missouri	1,683	61,001	18,624	27,230	28,988	26,590	22,781	22,408
North Dakota	664	29,444	2,062	2,360	2,721	2,595	2,330	2,351
South Dakota	621	25,096	2,066	2,539	2,750	2,632	2,233	2,214
Nebraska	803	37,313	5,504	6,663	7,279	7,006	6,206	6,049
Kansas	1,011	60,256	5,476	7,017	7,785	7,455	6,548	6,458
South Atlantic	8,240	190,386	34,415	46,072	52,293	49,630	44,818	46,471
Delaware	81	3,085	811	999	1,233	1,154	1,092	1,202
Maryland	643	11,488	5,202	7,101	8,519	7,865	7,159	7,400
District of Columbia	1	210	3,536	4,771	6,047	5,894	5,577	6,249
Virginia	2,063	29,713	5,621	7,236	7,985	7,540	7,058	7,276
West Virginia	1,785	11,455	3,154	4,395	4,611	4,321	3,864	3,878
North Carolina	1,337	41,165	4,138	5,814	6,830	6,540	6,005	6,252
South Carolina	565	25,958	2,289	2,530	2,174	1,972	1,736	1,763
Georgia	994	53,874	6,395	7,734	9,220	8,835	7,374	7,405
Florida	771	13,438	3,179	5,492	5,674	5,509	4,953	5,046
East South Central	5,380	142,792	15,546	20,576	23,736	21,453	18,825	18,842
Kentucky	2,606	26,116	4,392	6,283	6,827	6,286	5,689	5,720
Tennessee	939	44,507	5,289	7,107	8,546	7,718	6,732	6,879
Alabama	1,020	37,848	3,418	4,385	5,108	4,558	3,944	3,799
Mississippi	815	34,321	2,447	2,801	3,255	2,891	2,460	2,444
West South Central	5,265	157,655	24,678	30,646	37,240	34,670	29,994	30,232
Arkansas	1,227	25,343	2,928	3,585	3,828	3,375	2,905	2,849
Louisiana	852	14,358	4,015	5,055	5,486	5,123	4,611	4,580
Oklahoma	1,011	43,514	4,730	5,889	7,272	6,725	5,524	5,647
Texas	2,175	74,440	13,005	16,117	20,654	19,447	16,954	17,156
Mountain	3,668	36,415	12,178	15,004	17,276	16,385	14,463	14,409
Montana	805	6,745	2,016	2,180	2,446	2,299	2,036	2,125
Idaho	475	6,763	1,397	1,324	1,513	1,459	1,284	1,239
Wyoming	370	1,209	712	953	993	961	866	884
Colorado	695	15,295	4,398	5,878	6,819	6,447	5,655	5,539
New Mexico	531	2,823	679	900	1,089	1,082	983	1,005
Arizona	294	1,548	943	1,137	1,532	1,460	1,276	1,298
Utah	338	1,872	1,647	2,179	2,347	2,149	1,836	1,832
Nevada	160	160	386	453	537	528	517	487
Pacific	3,169	46,058	25,158	40,812	51,378	49,725	44,873	46,019
Washington	849	15,110	5,636	7,494	8,719	8,266	7,262	7,213
Oregon	762	10,171	3,324	4,809	5,436	5,153	4,561	4,584
California	1,558	20,777	16,198	28,509	37,223	36,306	33,050	34,222
Outlying offices	389	55	[2] 1,062	1,328	1,740	1,679	1,741	1,868
Alaska	189		82	71	104	91	90	94
Guam	1		1	2	3	3	2	2
Hawaii	97	55	352	611	774	780	779	838
Puerto Rico	95		406	522	527	538	520	558
Samoa (Tutuila)	2		2	2	(3)	(3)	(3)	(3)
Virgin Islands	5		17	11	15	13	13	13
Philatelic agency				109	317	255	337	303

[1] Revenues from money-order business, postal savings, and
[2] Includes receipts from agencies in China, France, and Sibe

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. 354.—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 telepl	6,119	8,730	11,717	14,347	18,523	17,424
Number of calls reporting (millions)	(1)	(1)	21,846	24,648	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	458,117
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	1,308	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	39,893	55,236
Overhead	(3)	9,854	12,449	14,063	22,384	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
	10,161	13,395	19,366	21,235	28,109	(4)
	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	138,971	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	22,637	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	13,793
Number of originating calls (millions)	6,401	9,133	14,598	16,567	23,693	25,061
SYSTEMS REPORTING ANNUAL INCOME OF LESS THAN $5,000, 1907–1917, AND LESS THAN $10,000, 1922–1932						
	1,077	1,229	1,529	1,763	1,559	1,193
	1,212	1,403	1,763	2,052	1,810	1,140
	(3)	(3)	2,037	2,746	2,418	948

1 [illegible] systems and lines.
2 [illegible] companies.
3 [illegible]
4 Not called for on schedule.

Source: Bureau of the Census, Department of Commerce.

No. 355.—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, 1932	Number of originating calls (millions)	
	1927	1932	1912	1922	1927	1932		1927	1932
United States	63,836,182	87,677,586	8,729,592	14,347,395	18,522,767	17,424,406	139	31,614	30,043
New England	5,586,569	7,682,588	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	83,066	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	329,992	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
[illegible]	[illegible]	[illegible]	1,782,145	3,249,710	4,588,211	4,613,733	172	6,908	6,805
[illegible]	[illegible]	[illegible]	970,449	1,780,563	2,505,537	2,628,537	204	3,935	4,000
[illegible]	[illegible]	[illegible]	185,632	383,496	599,336	642,830	154	774	838
[illegible]	[illegible]	[illegible]	626,064	1,085,651	1,393,338	1,342,366	138	2,199	2,067
East North C[illegible]	[illegible]	[illegible]	[illegible]	3,683,101	4,589,751	4,034,931	156	7,538	6,504
Ohio	[illegible]	[illegible]	[illegible]	902,837	1,122,036	978,394	144	1,958	1,712
Indiana	[illegible]	[illegible]	[illegible]	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	2,967,217	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	162	808	741
West North Central	6,044,901	7,641,354	1,621,523	2,315,996	2,594,081	2,260,985	169	4,577	3,980
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	404,150	550,980	657,946	592,153	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	4,244,852	5,760,130	531,402	937,324	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
[illegible]	615,286	876,581	76,652	155,490	183,698	196,956	81	382	420
[illegible]	349,899	445,781	80,251	116,081	146,677	134,150	76	279	243
[illegible]	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	642,096	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	5,028,077	543,102	872,157	1,149,357	1,002,389	81	2,649	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	241,453	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	226,852	385,730	456,198	446,492	119	780	802
Montana	135,536	181,485	35,537	55,115	59,238	55,361	103	81	96
Idaho	111,940	134,096	29,454	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	1,148,760	1,689,748	1,753,615	205	2,871	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	763,638	1,205,466	1,310,446	219	1 986	2,130

Source: Bureau of the Census, Department of Commerce.

No. 356.—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	1923	15,369,500	15,000,101	34,523,842
1900	1,355,900	855,911	1,961,801	1924	16,072,500	15,906,550	39,893,619
1905	4,126,900	2,530,924	5,779,918	1925	16,935,900	16,720,224	45,473,540
1910	7,635,400	5,882,719	11,642,212	1926	17,746,000	17,574,252	50,861,150
1915	10,523,500	9,172,495	18,505,545	1927	[3] 18,522,767	18,365,486	56,822,895
1917	[3] 11,716,520	10,539,576	22,610,487	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	20,098,050	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

[1] Partly estimated, except as indicated.
[2] Bell-owned and Bell-connecting (owned by other companies).
[3] From Bureau of the Census.

No. 357.—AMERICAN TELEPHONE & TELEGRAPH CO. AND ASSOCIATED OPERATING COMPANIES (BELL TELEPHONE SYSTEM): SUMMARY OF STATISTICS

	1910	1915	1920	1925	1930	1932	1933
	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	58,813	55,199
Toll messages, daily average	603	819	1,327	2,098	2,933	2,251	2,047
Central offices (number)	4,933	5,300	5,702	6,017	6,585	6,778	6,763
Miles of wire, total	11,642	18,506	25,377	45,474	76,248	80,491	80,281
Aerial wire	5,625	7,932	9,630	14,991	26,023	27,608	27,480
Underground wire	6,017	10,573	15,748	30,483	50,225	52,883	52,801
Exchange wire	9,678	16,052	21,604	39,841	62,867	65,224	65,028
Toll wire	1,964	2,453	3,773	5,633	13,381	15,267	15,253
Telephones, total	5,883	9,172	12,602	16,720	20,098	17,341	16,635
Bell-owned [1]	3,933	5,968	8,334	12,035	15,682	13,793	13,163
Bell-connecting (owned by other companies)	1,950	3,204	4,268	4,685	4,416	3,548	3,472
Employees (number)	120,311	156,294	231,316	293,095	324,343	266,357	248,497
	Income statement year ended Dec. 31 (in thousands of dollars) [2] [3]						
Gross revenues	165,613	239,910	461,135	761,219	1,151,566	974,071	884,468
Expenses	114,618	173,728	381,626	578,776	883,692	779,600	701,532
Net revenue	50,994	66,182	79,509	182,443	267,874	194,471	182,936
Interest	11,557	18,096	31,724	45,940	66,228	55,135	54,351
Net income	39,438	48,086	47,785	136,503	201,646	139,336	128,585
Dividends	25,161	32,897	40,000	93,243	156,625	185,032	183,240
Balance	14,277	15,189	7,785	43,260	45,021	[4] *45,696*	[4] *54,655*
	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	4,188,749	4,238,646
Capital stock [5]	344,645	440,711	511,493	1,144,619	2,155,053	2,111,114	2,109,718
Funded debt	224,792	353,236	585,794	890,337	1,115,592	1,043,908	1,037,625

[1] Includes private line telephones.
[2] All duplications between companies excluded.
[3] Figures for 1933 not strictly comparable with those for prior years owing to revision of uniform system of accounts, effective Jan. 1, 1933.
[4] Deficit. [5] Includes capital stock installments.

Source of Tables 356 and 357: American Telephone & Telegraph Co.

No. 358.—TELEPHONE SYSTEMS: REPORTS TO INTERSTATE COMMERCE 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 [illegible] revenues was as follows: Class A, over $250,000; class B, $50,000 to $250,[illegible] Effective Jan. 1, 1923, the classification was amended as follows: Class A, [illegible] to $250,000; class C, $50,000 to $100,000; class D, $50,000 or less. A further [illegible] 1, 1933, as follows: Class A, over $100,000; class B, $50,000 to $100,000; clas[illegible] panies below $50,000 are not covered in the table

Year ended Dec. 31—	Miles of wire (thousands)	Number of company stations (thousands)	Operating revenues	Operating expenses	Operating income before deduction of taxes	Operating income after deduction of taxes	Investment	
							Plant and equipment	All other
			Thousands of dollars					
All companies:								
1916	23,699	8,963	314,801	209,233	(1)	(1)	1,217,756	(1)
1920	29,640		530,349	(1)	(1)	88,024	1,704,304	1,122,280
1925	49,773	13,875	818,218	556,993	257,231	193,599	2,790,056	1,033,124
1927	62,096	15,702	979,414	658,231	316,951	235,047	3,367,860	1,953,742
1928	67,790	16,648	1,068,478	715,032	348,175	260,641	3,666,739	2,030,651
1929	75,729	17,697	1,172,863	791,612	375,018	284,968	4,070,131	2,337,207
1930	82,783	17,904	1,209,665	831,500	369,990	277,135	4,445,139	2,658,091
1931	86,670	17,573	1,179,660	795,376	376,431	279,188	4,619,076	2,830,718
1932	88,303	15,681	1,049,757	715,675	321,702	228,865	4,660,663	2,783,658
Class A companies:								
1925	48,487	13,037	792,428	539,072	248,476	186,777	2,674,926	1,031,335
1930	81,517	17,128	1,183,503	813,734	360,674	269,717	4,312,385	2,652,428
1932	87,301	15,177	1,032,294	703,191	315,816	224,397	4,549,505	2,774,590
1933	(1)	14,449	951,953	678,636	273,215	183,700	(1)	(1)
Class B companies: 1932	653	313	11,206	7,739	3,352	2,380	60,407	7,202
Class C companies: 1932	349	191	6,257	4,745	2,534	2,088	50,751	1,866

[1] Data not available.

Source: Interstate Commerce Commission.

No. 359.—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	154,617	[1] 285,091	2,365,109	3,777,538
Number of tower stations	117	74	37	55
Income, total	$106,791	$669,158	[2] $8,111,102	[2] $24,329,340
Expenses, total	$160,329	$664,420	$5,111,574	$12,866,636
General operation and maintenance	$117,480	$588,712	$3,534,474	$5,116,204
Interest and taxes	$5,562	$7,826	$156,457	$249,435
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	$32,958,897	$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 misc. investments	$32,196,456	$9,171,427	$1,225,169	$17,711,483
Cash and current assets			[3] $4,427,830	$19,312,823
Materials and supplies			$5,883,877	$6,331,530
Sundries			$241,219	$1,387,342
Deficit	$444,827			$152,430
Liabilities, total	$32,958,897	$10,377,197	$46,494,909	$81,147,512
Capital stock	$32,676,242	$9,602,570	$36,034,309	$38,174,134
Funded and long-term debt	$282,655	$287,866	$625,000	$320,961
Floating debt			$659,280	
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	$808,885	$8,262,186
Number of employees	176	958	1,258	1,985
Salaries and wages	$81,771	$393,606	$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. 360.—TELEGRAPH AND CABLE SYSTEMS: Summary of Reports to the Interstate Commerce 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	149,936	(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	2,056	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	86.16	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	465,639	22,417	110,302	89.88	6,168	[2] *3,123*	2,461
Western Union Co.: 1932	1,899	326,547	17,541	83,014	88.02	6,095	[2] *831*	1,045
Mackay companies: 1932	382	82,842	1,030	21,434	99.38	[2] 735	[2] *3,269*	

[1] Data not available. [2] Deficit.

Source: Interstate Commerce Commission.

No. 361.—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	256,661
Miles of single wire [2]	1,315,350	1,814,196	1,890,245	1,853,250	2,145,897	2,268,054
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	8,139
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	229,582	158,378
Governmental	(3)	(3)	4,597	3,199	2,732	3,655
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)	161,680	222,047	243,358	326,662	426,699	506,445

[illegible] Reported by all railway co[illegible] al operating revenues of $1,000,000 or more, 1917, 344 337,059 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. 362.—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	252,991	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	1,936,611	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	28,820	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	3,583	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 [illegible] system plant and equipment to the value of $20,000,000 reported as cable-system [illegible] for 1917.
[5] [illegible] plant and equipment to the value of $20,000,000.

No. 363.—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	6,565	9,564,575	6,335,415	3,229,158
1880	85,645	233,534	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	21,360	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	245,560	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	134,460,816	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	1,948,938	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

[1] Prior to 1919 data represent net income before bond interest.
[2] Figures readjusted.
[3] Corporate and Federal.
[4] Deficit.

Sources: Table 362, Bureau of the Census, Department of Commerce; Table 363, Western Union Telegraph Co.

18.—POWER—ELECTRIC AND OTHER

[Data in this section relate to continental United States]

No. 364.—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	3,280	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
1928	2,049	13,120	15,169	5,409	1,686	479	1,942	24,685	942	7.9
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 [4]	1,344	8,592	9,936	5,393	1,591	203	1,931	19,054	727	5.8

[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. 365.—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 1933, 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
1917	32,079	-------	-------	-------	-------	-------	-------	-------	11,919
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	14,390
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	44,037	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

[1] Of 2,000 pounds. [2] Of 42 gallons. [3] Partly estimated.

Sources: Table 364, Bureau of Mines, Department of ... 365, 1902 to 1917, Bureau of the Census, Department of Commerce; thereafter, Geological ... nent of the Interior.

No. 366.—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, 1933
	Total						Generated by water power		Generated by fuel power		
	1920	1925	1930	1931	1932	1933	1932	1933	1932	1933	
United States	43,555	65,870	95,936	91,729	83,153	85,402	34,098	34,727	49,055	50,674	36,038
New England	3,407	4,824	6,400	6,389	5,724	6,067	2,851	2,652	2,873	3,414	2,948
Maine	352	509	731	842	770	825	764	810	6	15	202
New Hampshire	97	264	367	593	700	599	658	550	43	49	281
Vermont	200	258	480	464	521	432	521	432	(1)	(1)	178
Massachusetts	1,740	2,378	2,908	2,738	2,441	2,595	623	572	1,818	2,023	1,344
Rhode Island	334	408	547	436	251	442	4	5	247	437	243
Connecticut	684	1,007	1,367	1,315	1,040	1,174	281	284	760	890	640
Middle Atlantic	12,349	18,299	25,136	24,403	22,690	22,977	6,578	6,881	16,113	16,097	2,251
New York	6,939	10,267	14,404	13,839	13,243	12,988	5,380	5,276	7,863	7,712	5,448
New Jersey	1,096	1,506	2,857	3,310	3,060	3,202	23	30	3,037	3,171	1,064
Pennsylvania	4,314	6,526	7,875	7,255	6,388	6,787	1,175	1,584	5,213	5,204	2,739
East North Central	9,958	15,715	22,165	20,639	18,168	18,856	2,207	2,103	15,962	16,752	8,022
Ohio	2,930	4,387	5,942	5,560	4,960	5,415	28	27	4,932	5,388	2,161
Indiana	933	1,484	2,943	2,879	2,502	2,513	125	133	2,377	2,380	1,038
Illinois	3,043	5,269	6,851	6,333	5,452	5,632	242	247	5,210	5,385	2,353
Michigan	2,093	3,031	4,270	3,885	3,418	3,484	1,020	984	2,308	2,500	1,624
Wisconsin	960	1,542	2,159	1,983	1,836	1,813	792	713	1,044	1,100	847
West North Central	3,179	4,254	5,982	5,883	5,534	5,505	1,805	1,564	3,929	3,940	2,675
Minnesota	703	1,046	1,311	1,304	1,152	1,162	481	447	671	714	583
Iowa	1,017	1,195	1,574	1,499	1,527	1,394	762	632	765	762	590
Missouri	698	866	1,269	1,314	1,210	1,289	287	401	923	888	708
North Dakota	28	39	125	137	137	139	-------	-------	137	139	75
South Dakota	48	75	114	102	88	86	12	10	76	75	67
Nebraska	247	366	575	595	551	556	37	47	514	508	252
Kansas	438	667	1,014	932	870	879	26	26	844	853	400
South Atlantic	3,980	6,272	10,895	10,197	9,398	10,144	5,562	6,088	3,836	4,056	4,395
Delaware	76	102	18	5	6	6	-------	-------	6	6	9
[illegible]	283	573	1,869	1,704	1,691	1,753	1,288	1,470	403	283	610
[illegible]	255	350	548	580	607	468	11	11	596	457	264
[illegible]	521	802	1,231	1,127	1,026	1,090	339	345	688	744	457
[illegible]	1,128	1,643	2,103	1,919	1,540	1,732	146	181	1,394	1,550	563
[illegible]	260	942	2,298	2,000	1,617	1,957	1,551	1,720	66	237	998
[illegible]	730	882	1,202	1,372	1,323	1,313	1,284	1,205	39	108	654
Georgia	595	661	937	838	980	1,212	900	1,116	80	96	407
Florida	133	318	688	652	607	613	42	38	565	575	305
East South Central	1,464	2,610	3,882	3,908	3,556	3,399	2,979	2,836	577	564	1,674
Kentucky	276	475	719	752	682	660	392	389	290	271	342
Tennessee	573	875	1,037	1,123	1,039	976	833	766	207	211	426
Alabama	550	1,169	2,065	1,980	1,784	1,712	1,754	1,680	29	32	840
Mississippi	66	91	62	53	51	50	-------	-------	51	50	65
West South Central	1,230	2,202	5,055	4,499	4,148	4,256	156	188	3,993	4,069	1,751
Arkansas	119	189	108	105	149	165	107	129	41	36	148
Louisiana	219	350	1,067	1,085	1,085	1,097	-------	-------	1,085	1,097	312
Oklahoma	214	394	958	783	706	728	3	3	703	725	336
Texas	679	1,268	2,922	2,527	2,208	2,267	46	56	2,163	2,211	955
Mountain	2,581	3,127	3,699	3,265	2,530	2,771	1,925	2,213	605	557	1,190
Montana	1,126	1,263	1,320	966	635	923	618	905	17	18	311
Idaho	591	754	912	796	585	595	584	594	1	(1)	227
Wyoming	47	56	98	95	85	79	29	27	56	52	44
Colorado	397	523	573	529	478	459	186	185	292	275	230
New Mexico	15	22	76	180	158	157	2	2	156	156	85
Arizona	159	131	384	404	281	296	210	245	70	51	143
Utah	212	340	293	276	275	237	265	236	10	1	134
Nevada	34	40	43	19	33	24	30	20	3	4	11
Pacific	5,408	8,569	12,723	12,545	11,404	11,428	10,237	10,193	1,167	1,235	4,132
Washington	1,197	1,623	2,555	2,572	2,487	2,439	2,432	2,390	55	48	885
Oregon	476	730	1,219	1,177	969	965	881	889	88	76	336
California	3,736	6,216	8,948	8,796	7,949	8,023	6,924	6,913	1,024	1,110	2,912

[1] Less than 500,000 kilowatt-hours.

Source: Geological Survey, Department of the Interior.

No. 367.—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 [illegible] nes, factories, hotels, and other enterprises not in the nature of [illegible] e Federal Government or by States unless energy is sold com- [illegible] ic-railway power plants unless part of the current generated is [illegible] total sales, since they include energy sold for resale. Amount [illegible] erated 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	7,530	12,987	19,851	35,710	47,987
[illegible]	1,394	1,895	1,702	1,371	994	650
[illegible]		3,054	6,747	12,355	24,323	32,904
[illegible]	439	2,469	4,277	5,822	9,844	13,532
[illegible]	12	111	210	303	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	41,965	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)	3,338	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	[5] 134,120
Wages—1,000 dollars	14,983	36,855	58,454	125,481	(3)	(4)

[1] The term "establishment" as here used may represent a single electric station (either generating or [illegible] ations operated under the same ownership.

1927 by municipal plants. Commercial plants reported 95,917 to $166,341,000, and 138,796 wage earners, with wages amount-

laries and wages. The total amount reported was $323,880,000, ercial establishments and $20,822,000 by municipal.

[5] Average number for the year.
[6] Number Sept. 16, 1912; Sept. 29, 1917; June 30, 1922, 1927, and 1932, or nearest representative day.

No. 368.—CENTRAL ELECTRIC STATIONS: EQUIPMENT, EMPLOYEES, AND FINANCES OF COMMERCIAL AND MUNICIPAL ESTABLISHMENTS

NOTE.—See headnote to Table 367

	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	1,878	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	1,020	2,007	3,075	3,748
For resale		8,971	14,808	21,789		45	591	580
Customers—thousands	6,202	11,065	19,661	21,634	977	1,645	2,129	2,228
[illegible]	[illegible]	136,105	234,747	225,557	10,862	14,657	16,273	19,016
[illegible]		986,684	[1] 1,841,227	[1] 2,030,997	40,260	85,436	[2] 122,437	[1] 126,298
[illegible]		792,496	[3] 1,318,255	[3] 1,477,139	31,441	67,129	[4]	[3] 89,217
[illegible]		5,504,614	12,950,388	17,032,540	148,345	288,623	[4]	710,143
[illegible]	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 367 and 368: Bureau of the Census, Department of Commerce.

No. 369.—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	3,643	2,422	1,221	865,380	1,835,584	2,969,871	4,750,194
Maine	252	353	75	278	117,093	165,504	278,456	560,694
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	8,250	2,060	3,548,805	7,659,318	10,765,515	19,281,645
New York	4,212	6,276	4,689	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	3,142	466	989,865	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	3,089,504	6,075,352
Michigan	1,619	2,235	1,773	462	525,616	1,504,240	2,102,686	3,773,630
Wisconsin	921	1,185	820	365	215,403	517,600	976,307	1,892,737
West North Central	2,871	3,655	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	858,543	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	729,896	1,745,295	3,789,434	8,445,217
Delaware, [2]	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	973,766
West Virginia	755	731	648	83	42,345	204,108	1,199,378	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	1,110,267
Georgia	609	748	196	552	87,572	184,136	268,256	746,074
Florida	360	535	513	22	25,896	50,888	131,390	567,980
East South Central	1,447	2,051	1,026	1,025	227,665	1,048,815	1,419,834	2,777,288
Kentucky	395	455	314	141	75,503	122,031	231,507	505,564
Tennessee	456	579	289	290	75,545	504,914	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	1,041,393	3,275,921
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] 533	[4] 205	[4] 128	32,960	65,732	147,301	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	3,086,825	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 367]

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	
79,657,467	75,692,668	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] 636,603	[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	3,840,416	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	43,015	**East North Central.**
4,868,954	4,569,663	299,290	3,996,804	1,188,523	110,417	8,003	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	328,930	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	502,855	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	406,152	13,182	3,737	South Carolina.
1,269,290	1,257,166	12,124	968,742	56,615	21,978	745	Georgia.
606,909	465,225	141,683	460,815	40,380	20,765	455	Florida.
2,963,770	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	1,125,864	46,087	639,769	518,579	17,053	2,907	Louisiana.
725,488	669,054	56,434	610,265	108,382	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	2,266,345	80,487	1,958,421	363,173	52,302	3,032	**Mountain.**
635,520	635,166	355	[3] 901,460	[3] 16,133	[3] 17,801	[3] 245	Montana.
473,290	468,052	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	8,569,621	2,339,714	176,892	13,974	**Pacific.**
2,544,767	1,979,090	565,677	1,835,963	535,572	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. 370.—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, 665**	**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, 560	17, 337, 876	1, 947, 684	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, 705	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, 301	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, 090, 491	22, 379	7, 019	7, 016	3
Other service	36, 329	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. 371.—AVERAGE RETAIL PRICES OF ELECTRICITY FOR HOUSEHOLD USE

[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		
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. 372.—CENTRAL ELECTRIC STATIONS: FINANCIAL STATISTICS

[All figures in thousands of dollars. See headnote to Table 367]

	Commercial establishments						Municipal establishments
	1902	1912	1917	1922	1927	1932	1932
INCOME ACCOUNT							
Income, total	78,736	279,054	486,634	986,684	[1]1,841,227	[1]2,030,997	[1]128,298
Electric service, total	77,350	264,475	462,474	936,852	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	30,857	57,207	122,321	189,079	[4]196,118	[5]3,876
Value of free service	([6])	513	525	566	([6])	([6])	([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]121,529	[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	([6])	([6])	([6])
Interest	12,119	46,865	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	([6])	1,520	4,157	5,064	([6])	([8])	([8])

[1] Includes net income from utilities other than electric and nonoperating income.
[2] ... for farm service, $41,875,000; domestic service, $584,995,000; small light and power ... large light and power (wholesale), $475,730,000; and other service, $14,146,000.
[3] ... for farm service, $899,000; domestic service, $64,769,000; 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.

Source: Bureau of the Census, Department of Commerce.

No. 373.—PROPORTION OF "ELECTRIFICATION" OF FACTORY POWER EQUIPMENT

Item	Horsepower (thousands)				
	1914	1923	1925	1927	1929
Combined capacity of prime movers and electric motors using purchased current	22,291	33,094	35,773	38,826	42,931
Electric motors operated by prime movers owned by factories	4,939	8,822	10,255	11,220	12,376
Estimated capacity of prime movers used to actuate these motors	3,550	6,350	7,380	8,070	8,910
Electric motors using purchased current	3,885	13,366	15,869	19,132	22,776
Total last two items, "Electrified" equipment	7,435	19,716	23,249	27,202	31,686
Percent of total power equipment	33	60	65	70	74
Capacity of all prime movers in factories	18,406	19,729	19,904	19,693	20,155

Source: Basic figures from Bureau of the Census.

No. 374.—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. The figures for potential power are estimates showing the 24-hour horsepower available 90 per cent of the time and 50 per cent of the time at an over-all efficiency of 70 per cent at all developed and undeveloped sites. These figures for potential power are not directly comparable with those for developed power given in terms of the capacity of installed water wheels or turbines, · · · tial power available 90 per cent 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, 1931	January, 1932	January, 1933	January, 1934	90 per cent of the time	50 per cent of the time
Continental U. S.	7,927	10,048	13,808	14,885	15,563	15,818	15,913	38,110	59,166
New England	1,311	1,399	1,643	1,898	1,939	1,947	2,004	998	1,978
Maine	450	477	541	579	613	613	613	536	1,074
New Hampshire	229	243	278	553	559	559	572	186	350
Vermont	130	168	260	202	202	202	192	80	169
Massachusetts	338	344	362	362	362	368	423	106	235
Rhode Island	30	30	30	30	30	30	29	25	40
Connecticut	134	136	172	171	172	174	175	65	110
Middle Atlantic	1,479	1,958	2,113	2,212	2,302	2,396	2,421	4,373	6,050
New York	1,292	1,714	1,805	1,904	1,892	1,900	1,885	4,010	4,960
New Jersey	17	19	18	18	17	17	17	50	90
Pennsylvania	170	226	291	291	392	478	520	313	1,000
East North Central	739	885	1,075	1,092	1,103	1,139	1,186	742	1,428
Ohio	29	30	30	25	21	22	23	55	166
Indiana	27	51	55	54	54	55	55	45	145
Illinois	85	87	95	96	94	94	88	189	361
Michigan	267	305	379	399	414	444	464	168	274
Wisconsin	331	413	517	519	520	524	555	285	480
West North Central	444	515	551	567	765	767	762	929	1,937
Minnesota	205	263	287	286	287	287	287	203	401
Iowa	173	177	181	182	182	184	183	169	395
Missouri	18	20	23	37	235	235	235	67	152
North Dakota	(1)	(1)	(1)	(1)	(1)	(1)	(1)	82	193
South Dakota	18	19	19	20	20	20	20	121	208
Nebraska	15	21	24	25	24	24	24	183	342
Kansas	15	14	16	16	16	16	13	104	251
South Atlantic	1,082	1,594	2,657	2,918	2,966	2,979	3,036	2,924	5,048
Delaware	3	3	1	1	1	1	1	5	10
Maryland	7	7	416	416	416	416	409	106	238
Dist. of Columbia	1	1	6	6	6	6	6		
Virginia	104	118	126	135	153	155	152	459	812
West Virginia	15	15	89	87	87	87	87	355	980
North Carolina	330	535	947	954	961	971	971	852	1,160
South Carolina	330	507	574	816	810	810	811	555	860
Georgia	286	400	473	482	512	512	[2] 578	572	958
Florida	7	9	25	22	21	21	20	20	30
East South Central	241	392	1,169	1,364	1,364	1,364	1,298	1,328	2,272
Kentucky	1	1	145	145	145	145	145	172	280
Tennessee	127	166	179	288	288	288	288	654	882
Alabama	113	224	845	931	931	931	[2] 865	472	1,050
Mississippi								30	60
West South Central	16	31	49	49	134	150	150	559	1,110
Arkansas	1	16	16	16	95	95	95	200	300
Louisiana								1	2
Oklahoma	2	2	3	3	3	2	2	70	194
Texas	13	14	31	31	37	53	53	288	614
Mountain	827	937	1,185	1,217	1,216	1,212	1,209	10,844	15,552
Montana	344	360	419	429	428	429	428	2,550	3,700
Idaho	224	299	358	357	355	348	348	2,122	4,032
Wyoming	8	8	19	25	25	23	23	704	1,182
Colorado	92	91	98	98	98	102	101	873	1,609
New Mexico	1	1	2	2	1	2	2	116	186
Arizona	39	49	120	137	137	137	137	2,759	2,887
Utah	106	115	156	157	158	158	156	1,420	1,586
Nevada	13	14	14	14	14	14	14	300	370
Pacific	1,789	2,336	3,365	3,568	3,772	3,865	3,848	15,413	23,799
Washington	454	561	786	892	1,011	1,053	1,037	7,145	11,225
Oregon	185	244	299	354	354	364	364	3,665	5,894
California	1,149	1,531	2,301	2,321	2,407	2,448	2,447	4,603	6,674
Outlying areas:									
Alaska		40	36	36	36	37	[3] 37	1,000	2,500
Hawaii		25	[4] 32	[4] 32	[4] 32	26	26	19	28
Puerto Rico		15	[5] 15	30	[6] 30	[6] 30	[6] 30	100	200

[1] Less than 500. [2] Bartletts Ferry plant changed from Alabama to Georgia. [3] Capacity in 1933.
[4] Capacity in 1928. [5] Capacity in 1925. [6] Capacity in 1931.

Source: Geological Survey, Department of the Interior.

19.—PUBLIC ROADS AND MOTOR VEHICLES

No. 375.—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. 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	1931 [1]	1932 [1]
Total mileage at end of year:						
All types	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 [2]	340,583	467,077	549,981	567,851		
High type [2]	[3] 47,177	82,987	112,454	125,708		
Total mileage built during year:						
All types	110,976	116,413	78,003	87,717		
Earth roads (graded and drained)	[4] 69,804	60,059	23,128	24,370		
Surfaced roads [5]	41,172	56,354	54,875	63,347		
Low type [2]	33,083	46,746	42,548	48,397		
High type [2]	[6] 8,089	9,608	12,327	14,950		
Mileage of State highway systems at end of year: [7]						
All types		287,928	314,136	324,496	328,942	358,210
Earth roads		124,869	105,812	98,275	86,242	92,150
Surfaced roads		163,059	208,324	226,221	242,700	266,060
Low type [2]		109,110	133,211	142,109	146,359	156,325
High type [2]		53,949	75,113	84,112	96,341	109,735
Mileage of State highway systems built during year: [7]						
All types		27,387	32,522	35,277	[8] 44,634	35,971
[illegible] and drained)		7,060	7,451	7,813	10,095	6,394
[illegible]		20,327	25,071	27,464	34,539	29,577
[illegible]		14,199	16,224	16,677	22,026	19,568
High type [2]		6,128	8,847	10,787	12,513	10,009
Funds available for rural road purposes during year, all authorities (1,000 dollars):						
Total [8]	[9] 1,109,896	1,640,451	2,042,400	2,302,646		
Motor vehicle fe[illegible]	119,915	436,449	687,730	862,933		
Other taxes and	415,747	491,194	560,908	537,951		
Proceeds of bonds	434,573	272,422	271,864	316,973		
Federal aid [10]	77,457	79,163	77,573	92,463		
All other sources	[9] 62,205	361,224	444,324	492,326		
Disbursements for rural roads and bridges (1,000 dollars):						
All roads, by all authorities [8]	1,027,493	1,276,698	1,615,519	1,885,851		
Construction	622,172	621,893	813,982	1,009,712		
Maintenance	250,559	338,853	433,538	475,912		
Principal and interest of bonds	90,293	213,325	272,529	315,354		
Equipment and miscellaneous	64,468	102,627	95,470	84,872		
By or under supervision of State highway departments, incl. Federal aid [11]	397,484	621,744	910,485	1,139,677	1,091,009	955,446
Highway construction under Federal aid, status at end of year: [12]						
Completed mileage		56,717	82,330	88,945	99,777	104,562
Projects under construction—						
Miles		14,581	8,735	9,089	8,672	13,349
Total cost (1,000 dollars)		365,730	217,013	233,397	216,850	250,978
Federal aid (1,000 dollars)		151,490	89,219	99,573	98,080	98,257
Projects approved for construction—						
Miles	1,839	1,575	1,400	2,875	1,910	2,682
Total cost	48,609	40,299	29,340	60,394	35,473	45,085
Federal aid	19,262	13,921	9,942	25,531	15,134	13,314
Federal-aid fu[illegible] projects (1,000 dollars)		113,070	99,881	144,726	113,879	20,294

[1] Data for local roads not available.
[2] Low type includes sand-clay, gravel, and waterbound macadam; high type includes bituminous macadam, bituminous c[illegible]nd cement concrete, and block pavements.
[3] Includes 11,303 m[illegible]
[4] Includes mileage [illegible]
[5] [illegible]
[6] [illegible]
[7] [illegible] 1921.
[8] Excludes funds transferred.
[9] Excludes balance on hand at beginning of year; not reported in 1921.
[10] For road and bridge purposes under supervision of State highway department only.
[11] Includes fu[illegible] units.
[12] Includes d[illegible] 1926 for all items except those for [illegible] which include [illegible] For 1933 data regarding Federal works road construction in 1933, see Table 380.

Source: Bureau of Public Roads, Department of Agriculture.

No. 376.—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 December 31; there are, however, some exceptions. Data for local roads for 1931 and 1932 are not available. For mileage of State highway systems as of Dec. 31, 1931, and 1932, see Table 377

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	3,060
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	8,485	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	3,379	3,450	3,572	3,712
Middle Atlantic	185,771	186,335	190,635	31,516	38,946	58,298	62,071	64,748	67,935	70,801
New York	79,398	81,878	82,375	15,636	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	419,051	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ohio	86,354	84,219	85,106	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Indiana	73,347	76,246	73,768	50,502	50,507	49,440	50,252	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	759,820	777,793	14,968	30,223	61,503	69,989	78,762	87,394	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	7,096
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	82,282	89,541	95,384	100,840	96,514
Delaware	3,674	3,933	3,779	244	448	884	927	1,094	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	34,790	1,065	1,367	3,037	3,713	3,917	4,450	5,292
North Carolina	50,758	68,204	53,796	6,004	16,755	26,885	27,811	28,345	29,649	21,956
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	18,339	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	58,931	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	17,654
Tennessee	46,050	62,546	67,953	3,102	9,878	11,238	12,521	13,538	15,184	18,018
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	17,950
West South Central	312,182	416,617	413,320	13,815	23,986	40,285	42,187	46,436	49,898	52,818
Arkansas	50,743	74,866	68,849	1,098	3,871	5,981	6,269	6,779	7,958	8,884
Louisiana	24,563	39,803	35,553	2,068	2,771	8,697	9,501	10,731	11,152	12,203
Oklahoma	107,916	[1] 134,263	120,379	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	8,884	9,766
Wyoming	14,797	46,528	41,233	468	440	1,284	1,361	1,604	1,760	1,987
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	2,539	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	172,482	19,928	34,387	49,126	52,135	53,481	54,222	56,448
Washington	42,428	45,816	43,881	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. 377.—STATE HIGHWAY SYSTEMS: MILEAGE AS OF DECEMBER 31, 1931 AND 1932, AND MILEAGE SURFACED DURING 1931 AND 1932

Division and State	Existing mileage, end of year							Mileage surfaced during—		
	Total, all types, 1931	Surfaced roads, 1931	Total, all types, 1932	Earth roads, 1932	Surfaced roads, 1932			1931, total [2]	1932	
					Total	Low type [1]	High type [1]		Total [2]	On earth roads
Cont'l. U. S.	328,942	242,700	358,210	92,150	266,060	156,325	109,735	34,539	29,577	17,661
New England	10,764	10,089	11,047	601	10,446	5,972	4,474	884	684	326
Maine	2,032	1,933	2,050	67	1,983	1,529	454	174	140	40
New Hampshire	2,683	2,647	2,862	36	2,826	2,389	437	189	238	179
Vermont	[3] 1,013	1,013	1,013	--------	1,013	485	528	177	94	--------
Massachusetts	1,699	1,699	1,761	--------	1,761	217	1,544	169	127	42
Rhode Island	1,046	603	1,070	449	621	128	493	59	20	17
Connecticut	2,291	2,194	2,291	49	2,242	1,224	1,018	116	65	48
Middle Atlantic	29,440	24,358	49,344	17,080	32,764	12,364	20,400	2,386	4,662	3,699
New York	14,000	11,685	13,947	1,960	11,987	1,271	10,716	1,160	1,163	336
New Jersey	1,877	1,680	1,877	168	1,709	117	1,592	135	41	30
Pennsylvania	13,563	10,993	34,020	14,952	19,068	10,976	8,092	1,091	3,458	3,333
East North Central	47,122	43,545	48,376	2,195	46,681	19,141	27,540	3,907	4,146	1,887
Ohio	11,559	11,470	11,759	98	11,661	5,320	6,341	627	977	18
Indiana	6,972	6,771	8,378	210	8,168	3,994	4,174	421	563	182
Illinois	10,080	8,361	10,099	1,109	8,990	11	8,979	711	684	642
Michigan	8,203	7,620	8,422	578	7,844	3,936	3,908	648	817	246
Wisconsin	10,218	9,323	10,218	200	10,018	5,880	4,138	1,500	1,105	799
West North Central	56,623	40,648	57,924	12,931	44,993	32,521	12,472	11,374	7,632	5,397
Minnesota	6,867	6,767	6,772	66	6,706	4,299	2,407	2,426	1,234	970
Iowa	8,312	7,344	8,373	588	7,785	3,410	4,375	817	695	439
Missouri	9,167	7,583	10,487	1,308	9,179	5,648	3,531	2,049	1,929	1,580
North Dakota	7,586	4,004	7,591	2,772	4,819	4,798	21	1,104	1,067	815
South Dakota	5,957	4,452	5,967	1,237	4,730	4,565	165	467	466	257
Nebraska	9,752	5,632	9,752	3,290	6,462	5,851	611	1,190	1,269	830
Kansas	8,982	4,806	8,982	3,670	5,312	3,950	1,362	3,321	972	506
South Atlantic	47,812	36,422	49,703	11,288	38,435	22,316	16,119	4,067	3,141	1,841
Delaware	876	872	944	22	922	96	826	71	50	50
Maryland	3,412	3,412	3,644	--------	3,644	1,776	1,868	187	236	232
[illegible]	8,032	6,194	8,154	1,805	6,349	4,742	1,607	620	239	165
[illegible]	4,315	3,275	4,380	912	3,468	1,488	1,980	894	347	188
[illegible]	9,752	8,400	10,033	1,124	8,909	4,586	4,323	681	442	125
[illegible]	5,956	5,336	5,939	378	5,561	3,191	2,370	964	717	316
Georgia	7,131	4,067	8,264	3,740	4,524	2,777	1,747	376	[4] 861	[4] 526
Florida	8,338	4,866	8,345	3,287	5,058	3,660	1,398	274	249	239
East South Central	24,629	20,328	25,691	4,411	21,280	15,827	5,453	1,680	1,068	765
Kentucky	[5] 5,950	5,198	6,842	1,278	5,564	3,937	1,627	787	548	366
Tennessee	7,053	5,897	7,226	784	6,442	4,191	2,251	346	[4] 323	[4] 286
Alabama	*5,548*	3,990	*5,553*	1,502	*4,051*	3,002	*1,049*	*479*	*149*	*113*
Mississippi	6,078	5,243	6,070	847	5,223	4,697	526	68	43	--------
West South Central	51,590	33,432	52,926	16,824	36,102	20,053	16,049	4,369	3,737	2,237
Arkansas	8,705	7,283	9,020	1,540	7,480	5,478	2,002	823	5	--------
Louisiana	17,167	10,521	17,505	6,028	11,477	9,436	2,041	1,910	1,426	571
Oklahoma	6,850	4,043	7,159	2,716	4,443	2,543	1,900	617	312	284
Texas	18,868	11,585	19,242	6,540	12,702	2,596	10,106	1,019	1,994	1,382
Mountain	45,348	21,560	46,567	23,778	22,789	21,203	1,586	3,694	3,165	1,172
Montana	8,148	2,646	8,177	5,219	2,958	2,899	59	886	811	312
Idaho	4,788	3,172	4,812	1,507	3,245	3,003	242	454	271	125
Wyoming	3,231	1,971	3,389	1,099	2,290	2,255	35	321	318	318
Colorado	9,255	4,650	9,136	4,466	4,670	4,203	467	391	440	51
New Mexico	9,272	2,896	10,254	7,250	3,004	2,898	106	396	215	16
Arizona	2,747	1,974	2,895	818	2,077	1,843	234	118	116	110
Utah	4,108	2,413	4,122	1,575	2,547	2,183	364	604	450	123
Nevada	3,797	1,838	3,782	1,784	1,998	1,919	79	524	544	117
Pacific	15,616	12,318	15,632	3,062	12,570	6,928	5,642	2,178	1,347	337
Washington	3,759	3,373	3,711	264	3,447	2,430	1,017	1,372	648	122
Oregon	4,468	3,765	4,574	728	3,846	2,355	1,491	362	287	84
California	7,389	5,180	7,347	2,070	5,277	2,143	3,134	444	412	131

[1] Low type includes sand-clay, gravel, and water-bound macadam; high type includes bituminous macadam, bituminous concrete, sheet asphalt, Portland cement concrete, and block pavements.
[2] Inclu
[3] New State-aid system.
[4] Figur 1932.
[5] Exclu but not actually designated; included in previous reports.

Source: Bureau of Public Roads, Department of Agriculture.

No. 378.—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	1925	1926	1927	1928	1929	1930	1931	1932
		Thousands of dollars								
Cont'l U.S.		397,484	649,125	621,744	707,179	830,265	910,485	1,139,677	1,091,009	955,446
New England		25,910	39,289	45,178	51,735	60,878	73,425	78,418	74,095	79,341
Maine	1901	6,524	7,105	10,279	8,684	12,118	14,006	17,184	18,442	16,243
N. Hampshire	1903	2,360	4,027	3,017	3,505	5,553	[1] 7,713	9,040	8,489	7,112
Vermont	1898	951	3,618	3,713	4,080	5,762	12,516	9,013	6,999	6,177
Mass'setts	1892	7,864	12,881	13,794	18,380	16,478	20,180	21,926	28,324	29,596
Rhode Island	1902	2,213	3,046	3,871	4,242	4,548	5,412	3,367	6,188	4,768
Connecticut	1895	5,998	8,612	10,504	12,784	16,419	13,598	15,288	[2] 5,653	15,445
Middle Atlantic		101,475	135,603	117,072	136,625	153,247	171,495	216,236	192,315	172,429
New York	1898	36,855	49,369	41,781	58,798	62,503	69,664	73,233	73,924	54,285
New Jersey	1891	15,608	23,939	24,378	27,763	32,479	41,397	47,414	52,860	49,197
Pennsylvania	1903	49,012	62,294	50,913	50,064	58,265	60,434	95,589	65,531	68,947
E. N. Central		66,512	118,903	104,321	114,016	160,563	160,363	190,673	153,465	166,894
Ohio	1904	15,547	24,086	29,496	25,518	33,953	30,281	47,491	34,161	36,703
Indiana	1917	8,110	14,518	12,429	14,798	16,544	20,678	22,569	20,771	23,183
Illinois	1905	15,693	36,376	24,267	30,270	53,472	39,728	48,854	42,622	45,092
Michigan	1905	16,744	36,139	25,998	25,883	36,578	48,066	46,136	36,540	36,211
Wisconsin	1911	12,417	7,785	12,131	17,547	20,017	21,010	25,623	19,371	25,705
W. N. Central		41,087	84,878	88,723	101,852	104,993	123,547	171,732	167,043	131,290
Minnesota	1905	7,480	17,963	17,979	17,837	18,412	23,366	39,365	36,578	36,959
Iowa	1904	18,276	14,108	15,272	24,077	37,255	36,084	50,607	36,827	23,738
Missouri	1907	4,727	31,594	30,841	25,996	18,981	28,321	43,921	42,841	37,335
North Dakota	1909	1,030	1,862	1,978	4,567	3,564	4,129	3,992	6,957	5,084
South Dakota	1911	4,738	6,378	5,843	4,862	5,893	6,168	5,915	12,674	5,413
Nebraska	1911	4,836	5,564	7,639	8,004	6,984	8,467	11,087	13,718	10,057
Kansas	1911	-------	7,407	9,171	16,509	13,904	17,012	16,845	17,448	12,704
South Atlantic		51,181	103,836	113,651	133,328	121,189	113,712	139,904	154,397	123,176
Delaware	1903	3,765	3,493	3,469	3,480	3,377	5,208	8,492	4,426	3,380
Maryland	1898	7,616	12,025	10,598	[3] 10,598	10,668	13,617	17,992	16,152	15,950
Virginia	1906	7,114	14,072	12,014	14,714	14,448	14,214	19,189	22,022	17,640
West Virginia	1909	1,877	16,139	17,492	19,311	16,224	19,184	23,308	24,385	20,070
N. Carolina	1901	15,100	32,589	37,216	33,144	28,301	24,902	25,613	26,193	22,510
S. Carolina	1917	3,941	9,133	9,640	13,410	21,099	18,581	22,753	31,681	15,328
Georgia	1908	9,664	7,902	9,565	15,114	12,728	7,039	12,699	17,468	20,756
Florida	1915	2,103	8,484	13,657	23,557	14,343	10,967	9,858	12,070	7,530
E. S. Central		16,621	45,008	38,845	44,734	60,329	68,942	92,737	86,158	57,533
Kentucky	1912	5,757	14,916	9,820	11,484	[4] 14,766	15,130	19,497	23,552	20,174
Tennessee	1915	6,328	14,379	14,037	16,003	19,172	29,741	53,278	41,209	25,405
Alabama	1911	1,036	10,917	10,290	10,766	20,110	19,317	15,373	14,523	7,195
Mississippi	1915	3,500	4,795	4,698	6,481	6,281	4,754	4,589	6,874	4,759
W. S. Central		26,897	52,733	50,205	58,119	84,901	104,613	136,738	133,535	101,960
Arkansas	1913	-------	11,200	9,563	14,532	31,784	40,971	39,821	26,291	8,108
Louisiana	1910	5,347	8,611	10,563	10,753	11,157	17,143	29,357	50,033	38,852
Oklahoma	1911	4,775	12,938	10,420	12,816	13,251	11,969	20,228	15,047	12,144
Texas	1917	16,775	19,985	19,659	20,018	28,710	34,530	47,332	42,164	42,796
Mountain		27,463	27,387	23,810	27,318	35,039	37,008	47,023	58,372	50,136
Montana	1913	3,640	1,267	1,155	1,541	3,863	4,488	6,378	7,173	8,502
Idaho	1905	4,863	3,637	4,191	3,847	5,413	3,365	6,637	7,717	6,592
Wyoming	1911	3,446	3,973	2,974	2,873	3,600	3,123	3,590	7,097	5,151
Colorado	1909	4,156	5,565	5,850	5,232	6,957	7,142	8,144	11,862	6,796
New Mexico	1909	3,713	3,323	2,928	5,089	6,603	6,675	9,138	8,762	5,718
Arizona	1909	2,948	2,443	2,565	2,608	2,443	4,873	5,233	7,242	7,041
Utah	1909	3,107	4,124	2,448	3,929	3,992	4,545	5,193	6,824	6,037
Nevada	1911	1,590	3,056	1,699	2,199	2,167	2,797	2,710	[5] 1,695	4,299
Pacific		38,339	41,490	39,938	39,450	49,126	57,382	68,215	71,632	72,685
Washington	1905	9,696	7,846	8,825	8,628	13,893	15,702	15,806	17,681	19,494
Oregon	1913	17,828	15,553	10,018	10,263	10,268	11,328	14,668	17,136	13,188
California	1895	10,815	18,091	21,095	20,559	24,965	30,352	37,741	36,815	40,003

[1] Excludes expenditures of $2,462,000 for flood relief work.
[2] Data cover 6 months, Jan. 1 to June 30, as fiscal year was changed.
[3] Data are for 1926.
[4] Data cover 9 months, July 1, 1928, to Mar. 31, 1929, as fiscal year was changed.
[5] Data cover 7 months, Dec. 1, 1930, to June 30, 1931, as fiscal year was changed.

Source: Bureau of Public Roads, Department of Agriculture.

No. 379.—FUNDS AVAILABLE AND DISTRIBUTION OF DISBURSEMENTS FOR STATE HIGHWAY PURPOSES, 1932

[In thousands of dollars]

Division and State	Funds available					Distribution of disbursements				
	Total	Motor-vehicle fees and gasoline taxes	Federal aid receipts [1]	Proceeds of bonds and notes	All other sources [2]	Total	New and reconstructed roads and bridges	Maintenance roads and bridges	Principal and interest on highway bonds	Equipment and miscellaneous
Cont'l. U. S.	1,173,576	574,689	136,857	104,650	357,380	955,446	551,446	169,479	123,672	110,849
New England	92,462	52,969	8,189	5,545	25,760	79,341	38,497	16,863	4,099	19,883
Maine	16,994	3,895	1,564	4,545	6,990	16,243	7,253	1,946	1,853	5,231
N. Hampshire	7,874	4,514	596	1,000	1,765	7,112	3,169	2,688	780	469
Vermont	7,124	4,307	874		1,942	6,177	3,243	1,308	685	941
Massachusetts	35,980	23,220	2,210		10,551	29,596	11,731	6,487	498	10,883
Rhode Island	5,534	4,119	1,376		39	4,768	2,875	934	319	640
Connecticut	18,956	12,914	1,569		4,473	15,445	10,226	3,500		1,719
Middle Atlantic	268,942	94,353	19,054	18,218	137,316	172,429	93,563	27,134	22,454	28,278
New York	111,351	22,417	11,402	3,137	74,395	54,285	36,699	9,714	5,820	2,052
New Jersey	71,017	18,175	3,121	15,082	34,639	49,197	25,447	2,216	9,894	11,640
Pennsylvania	86,574	53,761	4,531		28,282	68,947	31,417	15,204	6,740	15,586
E. N. Central	201,786	114,885	25,971	1,984	58,945	166,894	110,959	33,528	12,445	9,963
Ohio	39,549	23,981	5,736		9,832	36,703	21,773	13,366		1,564
Indiana	29,778	18,349	4,009		7,420	23,183	15,973	4,224		2,986
Illinois	58,907	35,493	4,888	1,984	16,542	45,092	27,466	4,187	8,993	5,077
Michigan	41,088	27,121	6,575		7,392	36,211	25,505	6,325	4,082	299
Wisconsin	32,464	9,941	4,763		17,759	25,705	20,242	5,426		37
W. N. Central	150,104	74,624	18,229	29,341	27,912	131,290	87,059	20,383	14,460	9,390
Minnesota	40,888	16,849	4,457	10,016	9,566	36,959	25,189	5,688	3,391	2,691
Iowa	26,822	16,481	2,890	1,618	5,834	23,738	14,531	2,615	6,150	443
Missouri	45,449	19,118	2,415	17,707	6,210	37,335	26,051	3,503	4,919	2,861
North Dakota	5,261	2,134	1,815		1,312	5,084	3,039	1,134		911
South Dakota	5,641	3,513	1,687		441	5,413	3,338	1,470		606
Nebraska	10,577	7,300	2,313		964	10,057	6,804	3,035		219
Kansas	15,466	9,229	2,552		3,585	12,704	8,107	2,878		1,719
South Atlantic	141,398	81,141	16,272	12,301	31,683	123,176	59,067	21,267	26,051	16,795
Delaware	4,415	2,181	823	1,005	405	3,386	2,378	254	551	203
Maryland	18,224	9,345	507	1,046	7,325	15,950	10,648	2,235	2,528	540
Virginia	20,327	14,364	2,838		3,126	17,640	9,138	6,631	1,255	616
West Virginia	23,248	8,535	857	5,250	8,606	20,070	8,984	3,017	7,657	412
N. Carolina	25,872	20,493	3,674		1,705	22,516	2,728	3,011	7,960	8,218
S. Carolina	18,761	7,462	1,094	5,000	4,605	16,328	3,158	1,214	6,100	4,857
Georgia	22,487	12,480	5,276		4,731	20,756	17,402	2,132		1,223
Florida	8,064	6,281	603		1,180	7,530	4,631	2,173		726
E. S. Central	66,976	31,622	6,389	9,000	19,965	57,533	23,855	9,831	18,319	5,330
Kentucky	20,892	11,530	2,174		7,188	20,174	13,491	4,163	1,049	1,471
Tennessee	33,714	10,106	2,367	9,000	12,241	25,405	6,279	1,941	13,828	3,358
Alabama	7,414	6,811	1,089		[4] 486	7,195	1,574	1,753	3,442	427
Mississippi	4,956	3,175	759		1,022	4,759	2,511	1,974		274
W. S. Central	115,809	52,410	12,234	24,559	26,605	101,960	58,028	17,474	13,460	12,998
Arkansas	6,048	6,168	381		[4] 502	8,168	605	835	6,346	383
Louisiana	41,737	11,404	2,492	24,559	3,282	38,852	20,172	3,685	7,114	7,881
Oklahoma	13,760	9,853	496		3,410	12,144	9,151	2,414		579
Texas	54,264	24,985	8,865		20,415	42,796	28,100	10,540		4,156
Mountain	52,408	22,376	19,184	2,700	8,148	50,136	33,734	10,489	3,610	2,305
Montana	8,541	2,733	4,244	1,500	64	8,502	6,653	1,350	56	442
Idaho	6,098	2,734	1,474		2,489	6,592	3,991	1,488	586	528
Wyoming	5,287	1,730	1,926		1,632	5,151	3,806	911	358	77
Colorado	8,152	4,698	2,103		1,351	6,796	4,605	1,460	489	243
New Mexico	6,241	2,619	1,686	1,000	936	5,718	2,479	1,795	1,227	217
Arizona	7,102	2,962	3,555		585	7,041	5,302	1,300		438
Utah	6,314	3,736	1,432		1,146	6,037	3,414	1,569	738	327
Nevada	4,073	1,164	2,764	200	[4] 55	4,299	3,484	626	156	33
Pacific	83,694	50,308	11,336	1,001	21,048	72,685	46,688	12,515	8,778	4,703
Washington	19,494	16,487	2,427		580	19,494	12,198	3,229		4,068
Oregon	14,480	9,035	1,703	1,001	2,741	13,188	6,506	2,124	4,345	214
California	49,720	24,787	7,206		17,727	40,003	27,984	7,162	4,431	426

[1] [illegible] funds received from the $80,000,000 emergency advance fund of 1930 and [illegible] uction fund of 1932.

[illegible] s year, transfers from local units, and miscellaneous revenue.

[3] Includes transfers to local units.

[4] Deficit.

Source: Bureau of Public Roads, Department of Agriculture.

No. 380.—FEDERAL AID AND PUBLIC WORKS ROAD CONSTRUCTION: STATUS AS OF DECEMBER 31, 1933

[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, 1934	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, 1934	Projects under construction [3]				Public works funds available for new projects
		Total cost	Federal aid allotted	Mileage					Total cost	Public works funds allotted	Federal aid funds allotted	Mileage	
Grand total [4]	**118, 176**	**66, 174**	**26, 724**	**2, 669**	**8, 821**	**3, 956**	**394, 000**	**1, 536**	**159, 575**	**147, 264**	**5, 661**	**10, 504**	**142, 212**
New England	**3, 312**	**4, 494**	**1, 358**	**48**	**578**	**111**	**18, 610**	**85**	**9, 313**	**8, 908**	**309**	**259**	**5, 119**
Maine	889	143	23	(3)	------	7	3, 370	71	1, 822	1, 742	------	72	677
N. Hampshire	458	262	106	6	------	9	1, 910	------	1, 207	1, 200	------	37	455
Vermont	420	64	5	3	------	1	1, 803	7	1, 146	1, 131	------	61	339
Massachusetts	917	1, 336	180	22	402	21	6, 597	6	3, 302	2, 993	309	56	2, 963
Rhode Island	299	20	10	------	------	66	1, 999	1	1, 038	1, 038	------	22	536
Connecticut	329	2, 669	1, 034	15	176	7	2, 806	------	738	738	------	11	149
Middle Atlantic	**8, 199**	**6, 857**	**1, 924**	**161**	**315**	**251**	**47, 567**	**10**	**27, 765**	**26, 732**	**315**	**942**	**8, 961**
New York	3, 896	5, 240	1, 529	131	315	87	22, 330	8	16, 171	15, 137	315	300	1, 395
New Jersey	676	1, 227	272	18	------	144	6, 346	------	2, 507	2, 507	------	24	3, 221
Pennsylvania	3, 627	390	123	12	------	20	18, 891	2	9, 030	9, 028	------	618	4, 345
E. N. Central	**14, 828**	**16, 240**	**6, 735**	**466**	**25**	**176**	**85, 555**	**45**	**21, 233**	**20, 982**	**22**	**1, 016**	**26, 170**
Ohio	3, 257	1, 736	508	39	------	30	15, 485	19	8, 805	8, 617	------	384	3, 989
Indiana	2, 345	4, 374	1, 896	91	------	59	10, 038	------	2, 198	2, 198	------	116	6, 461
Illinois	3, 552	8, 362	3, 586	257	------	79	17, 571	1	2, 739	2, 739	------	105	8, 221
Michigan	2, 698	1, 259	516	60	3	------	12, 736	4	3, 213	3, 211	------	205	3, 833
Wisconsin	2, 976	509	229	19	22	8	9, 725	21	4, 278	4, 217	22	206	3, 066
W. N. Central	**31, 312**	**3, 963**	**1, 398**	**350**	**410**	**499**	**62, 627**	**818**	**25, 112**	**23, 497**	**147**	**2, 260**	**17, 882**
Minnesota	4, 529	1, 304	50	67	------	53	10, 657	251	3, 620	3, 532	------	458	3, 887
Iowa	3, 832	------	------	------	------	1	10, 056	43	5, 103	4, 811	------	263	2, 912
Missouri	3, 420	425	91	8	50	(5)	12, 180	6	4, 757	4, 456	------	340	3, 544
N. Dakota	6, 011	942	671	117	113	325	5, 804	251	820	820	------	219	3, 016
S. Dakota	4, 662	779	383	124	138	73	6, 011	109	1, 363	1, 325	38	244	3, 177
Nebraska	4, 568	------	------	------	109	43	7, 829	142	6, 151	5, 309	109	432	1, 346
Kansas	4, 290	513	203	34	------	4	10, 090	16	3, 298	3, 244	------	208	------
South Atlantic	**13, 871**	**7, 490**	**3, 176**	**328**	**1, 955**	**345**	**49, 497**	**77**	**14, 737**	**13, 366**	**1, 353**	**983**	**23, 191**
Delaware	414	139	26	7	------	------	1, 819	17	512	512	------	8	564
Maryland	911	156	17	2	------	2	3, 565	------	192	178	------	7	2, 456
Dist. of Col	------	------	------	------	------	------	1, 918	5	546	546	------	2	53
Virginia	2, 201	680	326	22	6	141	7, 417	13	2, 718	2, 708	6	217	2, 849
W. Virginia	1, 033	474	169	16	------	21	4, 474	4	1, 758	1, 758	------	72	1, 719
N. Carolina	2, 891	777	395	52	932	28	9, 522	36	2, 210	1, 816	306	221	5, 877
S. Carolina	2, 214	924	384	64	3	5	5, 459	2	2, 354	2, 351	3	270	1, 817
Georgia	3, 481	970	328	53	------	76	10, 091	------	844	844	------	34	6, 636
Florida	721	3, 370	1, 531	112	1, 014	72	5, 232	------	3, 603	2, 654	948	152	1, 220
E. S. Central	**8, 586**	**6, 299**	**3, 048**	**305**	**4, 517**	**1, 872**	**31, 359**	**8**	**10, 064**	**7, 272**	**2, 752**	**612**	**16, 360**
Kentucky	2, 162	711	304	53	------	2	7, 517	2	2, 202	2, 202	------	196	2, 820
Tennessee	1, 916	638	318	9	517	4	8, 493	6	2, 335	1, 819	517	99	4, 180
Alabama	2, 556	497	248	29	2, 252	953	8, 370	------	4, 152	2, 328	1, 822	217	5, 221
Mississippi	1, 952	4, 453	2, 176	214	1, 748	913	6, 979	------	1, 375	923	413	100	4, 130
W. S. Central	**15, 401**	**12, 858**	**5, 432**	**528**	**563**	**117**	**46, 036**	**41**	**15, 469**	**12, 978**	**403**	**1, 198**	**22, 810**
Arkansas	2, 062	2, 570	1, 166	187	563	21	6, 748	------	1, 306	903	403	40	4, 644
Louisiana	1, 669	3, 922	1, 850	9	------	17	5, 829	(4)	941	941	------	33	2, 656
Oklahoma	2, 693	2, 617	1, 029	152	------	43	9, 217	------	3, 337	3, 337	------	188	4, 599
Texas	8, 977	3, 749	1, 387	180	------	36	24, 244	41	9, 885	7, 797	------	937	10, 911
Mountain	**16, 632**	**5, 137**	**2, 416**	**405**	**178**	**405**	**43, 048**	**388**	**21, 242**	**20, 618**	**100**	**2, 702**	**13, 985**
Montana	3, 507	1, 120	619	121	100	195	7, 440	24	3, 657	3, 477	100	275	2, 191
Idaho	1, 748	888	338	59	------	18	4, 486	22	2, 710	2, 661	------	240	1, 542
Wyoming	2, 503	239	104	36	78	6	4, 501	109	2, 170	2, 000	------	395	1, 399
Colorado	1, 961	1, 439	684	66	------	20	6, 875	18	2, 402	2, 402	------	226	3, 242
New Mexico	2, 535	120	82	13	------	97	5, 793	69	3, 377	3, 377	------	916	1, 387
Arizona	1, 443	356	243	30	------	(6)	5, 212	(5)	3, 104	2, 790	------	217	1, 528
Utah	1, 449	365	157	26	------	35	4, 195	114	1, 810	1, 809	------	225	680
Nevada	1, 486	610	189	54	------	34	4, 546	32	1, 952	1, 952	------	208	2, 016
Pacific	**5, 899**	**2, 175**	**727**	**63**	**17**	**52**	**27, 830**	**63**	**13, 798**	**12, 276**	**3**	**516**	**7, 376**
Washington	1, 438	731	119	13	3	(6)	6, 116	27	2, 468	2, 454	3	93	1, 136
Oregon	1, 766	1, 137	498	44	14	52	6, 107	36	2, 882	2, 861	------	115	1, 338
California	2, 695	307	110	6	------	(6)	15, 607	------	8, 449	6, 961	------	308	4, 902
Hawaii	139	664	511	14	262	128	1, 871	1	842	635	158	18	359

[1] As provided in the National Industrial Recovery Act; construction began in September 1933.
[2] Total projects approved for construction are: 64 miles, estimated cost, $408,000; Federal aid funds allotted, $273,000.
[3] Total projects approved for construction are: 5,607 miles; public works funds allotted, $93,439,000.
[4] Includes Hawaii. [5] Less than five-tenths of 1 mile. [6] Less than $500.

Source: Bureau of Public Roads, Department of Agriculture.

No. 381.—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 [1]						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	Total	Passenger cars	Motor trucks			
1900 [3]	4	4		4,899	4,899		8		
1903	11	11		13,000	13,000		33		
1904 [3]	23	22	(4)	24,629	23,682	947	55	55	(4)
1905	25	25	(4)	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 [3]	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 [3]	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	1,082	1,518	164	1,261,667	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	2,746,065	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	5,622	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	1,426,656	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	1,628	358	987,436	795,305	192,132	23,827	20,601	3,227

[1] See headnote.
[2] Road tractors are not included prior to 1924.
[3] Production data are from United States Census Reports and in 1900 are for fiscal year ended June 30.
[4] Less than 500.

Sources: National Automobile Chamber of Commerce and Bureau of Public Roads.

No. 382.—PRODUCTION OF OPEN AND CLOSED CARS IN THE UNITED STATES AND CANADA, BY PRICE GROUPS [1]

Year	Under $1,000		$1,000 to $2,000		$2,000 to $3,000		$3,000 and over		Per cent closed, all classes
	Open	Closed	Open	Closed	Open	Closed	Open	Closed	
1921	822,843	224,619	288,372	65,336	51,809	30,167	19,552	15,363	22.1
1922	1,322,357	430,769	312,165	204,296	11,709	47,519	8,678	31,596	30.1
1923	2,071,330	991,842	305,545	220,102	7,838	37,248	2,913	27,118	34.0
1924	1,545,197	890,106	318,387	388,346	14,293	103,224	5,403	38,190	43.0
1925	1,491,766	1,188,462	174,438	333,786	12,008	131,591	5,894	32,799	56.5
1926	978,760	1,804,316	109,843	867,340	12,423	144,391	4,479	27,291	72.0
1927	375,738	1,621,465	77,073	836,492	10,075	130,888	3,352	28,277	84.9
1928	385,381	2,535,547	62,198	856,371	10,037	127,354	2,512	32,758	88.5
1929	477,302	3,425,228	22,055	713,120	9,815	121,055	1,237	25,086	89.4
1930	257,338	2,178,470	19,912	363,009	3,513	63,029	1,966	22,950	90.3
1931	134,439	1,607,784	7,407	236,234	1,195	38,765	1,229	11,130	92.9
1932	44,582	1,010,574	1,997	109,146	477	11,200	397	7,836	96.0
1933	25,551	1,561,196	709	52,026	361	14,026	127	6,562	98.4

[1] The figures for 1921 are based only on price of 5-passenger open cars of a given chassis. Thus, if this model sold for less than $1,000, the total production of cars with the same chassis is included in the "under $1,000" class, even though closed models sold for over $1,000. In 1922 and later years actual f. o. b. prices of open and closed models are considered separately and the cars included under proper classification.

Source: Automotive Industries. The grouping is based on retail prices f. o. b. factory.

No. 383.—MOTOR-VEHICLE PRODUCTION IN THE UNITED STATES [1]

Month	1925	1926	1927	1928	1929	1930	1931	1932	1933
	Passenger cars								
Total	3,735,171	3,783,987	2,936,533	3,815,417	4,587,400	2,784,745	1,973,090	1,135,491	1,606,703
January	209,510	276,119	198,157	205,539	347,609	233,815	138,317	98,803	108,326
February	246,924	323,139	262,550	291,005	406,171	280,016	180,419	94,110	91,492
March	325,915	384,579	343,872	371,283	513,656	330,922	231,244	99,399	99,885
April	381,301	385,342	356,823	364,261	537,564	372,932	286,917	120,937	153,350
May	371,192	374,789	356,930	374,680	516,181	361,368	271,475	157,756	184,698
June	356,695	340,716	279,565	355,685	452,749	285,936	210,396	160,338	211,483
July	353,897	317,160	237,811	337,560	425,998	222,205	184,173	94,705	195,023
August	222,030	381,041	275,585	398,722	441,820	183,918	155,425	75,907	195,144
September	265,703	352,070	226,443	357,704	364,336	176,426	109,228	64,748	160,900
October	391,672	290,254	183,042	338,883	319,330	113,808	58,415	35,107	108,073
November	329,294	220,357	109,712	215,742	169,492	101,141	49,184	47,532	44,429
December	281,038	138,421	106,043	204,353	92,494	122,258	97,897	86,149	53,900
	Motor trucks and busses								
Total	530,659	516,947	464,793	543,342	771,020	571,241	416,848	235,187	353,242
January	31,069	32,879	40,751	26,189	53,428	39,406	33,531	20,541	21,761
February	36,714	40,513	42,185	32,791	60,247	50,398	39,521	23,308	15,396
March	48,491	48,888	50,641	42,031	71,799	65,466	45,161	19,560	18,117
April	52,491	53,994	49,559	45,843	84,346	71,092	50,022	27,389	27,363
May	47,864	50,378	48,718	51,103	88,510	58,659	45,688	26,539	33,649
June	41,829	45,553	44,252	41,111	93,183	48,570	40,244	22,768	41,904
July	45,050	42,450	31,585	54,526	44,842	43,328	34,317	14,438	38,118
August	38,206	45,810	34,409	62,576	56,808	40,450	31,772	14,418	41,412
September	60,025	46,868	33,867	57,610	51,576	44,223	31,338	19,402	35,243
October	50,309	44,167	36,640	58,401	60,687	40,593	21,727	13,595	30,469
November	42,977	35,944	24,658	41,398	48,081	35,613	19,683	12,025	19,558
December	35,634	29,503	27,528	29,763	27,513	33,443	23,644	21,204	30,252

Figures represent production or factory sales. Passenger cars include taxicabs; trucks and busses include ambulances, funeral cars, fire apparatus, and street sweepers.

No. 384.—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 grea bulk of the proceeds are applied to road purposes

State	Total gross receipts in thousands of dollars			Tax in cents per gallon on Dec. 31—		State	Total gross receipts in thousands of dollars			Tax in cents per gallon on Dec. 31—	
	1931	1932	1933	1932	1933		1931	1932	1933	1932	1933
Total	537,590	514,139	519,403	----	----	Montana	3,018	2,690	2,751	5	5
						Nebraska	9,096	7,809	7,706	4	4
Alabama	7,197	7,001	8,033	6	6	Nevada	778	727	696	4	4
Arizona	3,204	2,901	2,679	5	5	New Hampshire	2,657	2,639	2,350	4	4
Arkansas	6,448	5,165	5,998	6	6						
California	39,864	36,129	35,217	3	3	New Jersey	17,173	16,675	16,471	3	3
Colorado	6,254	5,469	5,325	4	4	New Mexico	2,686	2,211	2,282	5	5
Connecticut	4,777	4,733	4,857	2	2	New York	30,589	42,581	43,393	3	3
Delaware	1,072	1,090	1,130	3	3	North Carolina	14,024	13,907	14,773	6	6
Dist. of Col	1,726	2,040	2,082	2	2	North Dakota	2,032	1,837	1,925	3	3
Florida	15,018	14,532	14,293	7	7	Ohio	39,328	34,269	33,940	4	4
Georgia	13,314	11,939	12,635	6	6	Oklahoma	11,665	9,682	10,079	4	4
Idaho	2,609	2,287	2,283	5	5	Oregon	6,187	5,591	6,344	4	5
Illinois	29,066	28,754	27,833	3	3	Pennsylvania	33,189	30,801	31,059	3	3
Indiana	18,044	16,740	16,289	4	4	Rhode Island	1,896	1,858	1,885	2	2
Iowa	10,928	8,970	9,372	3	3	South Carolina	7,246	6,225	6,679	6	6
Kansas	8,071	7,420	7,771	3	3	South Dakota	3,395	2,963	3,346	4	4
Kentucky	8,813	8,206	8,316	5	5	Tennessee	11,461	12,185	12,980	7	7
Louisiana	9,398	8,301	8,155	5	5	Texas	30,515	27,064	28,479	4	4
Maine	4,439	4,254	4,127	4	4	Utah	2,310	2,173	2,190	4	4
Maryland	7,431	7,500	7,208	4	4	Vermont	1,967	1,875	1,766	4	4
Massachusetts	15,306	15,519	16,377	3	3	Virginia	11,445	10,810	11,082	5	5
Michigan	21,873	20,461	19,485	3	3	Washington	11,032	11,047	10,863	5	5
Minnesota	11,070	10,001	10,214	3	3	West Virginia	5,395	4,949	4,928	4	4
Mississippi	6,009	5,844	6,101	6	6	Wisconsin	15,780	14,948	15,169	4	4
Missouri	9,207	8,950	9,081	2	2	Wyoming	1,587	1,418	1,405	4	4

Sources: Table 383, Bureau of the Census, Department of Commerce; Table 384, Bureau of Public Roads, Department of Agriculture.

No. 385.—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

Division and State	1913	1915	1920	1925 [1]	1930 [1]	1932 [1]	1933 [1]
Continental U. S.	1,258,062	2,445,666	9,231,941	19,937,274	26,545,281	24,115,129	23,827,290
New England	121,327	206,609	573,321	1,290,151	1,698,619	1,610,419	1,590,180
Maine	11,022	21,545	62,907	140,499	186,157	171,424	168,173
New Hampshire	8,237	13,449	34,680	81,498	112,183	105,215	107,631
Vermont	5,913	11,499	31,625	69,576	86,624	77,475	73,576
Massachusetts	62,660	102,633	274,498	646,153	846,206	801,317	789,788
Rhode Island	10,295	16,362	50,477	101,756	136,423	133,408	136,261
Connecticut	23,200	41,121	119,134	250,669	331,026	321,580	314,751
Middle Atlantic	266,033	497,227	1,474,106	3,536,570	4,914,101	4,769,709	4,721,510
New York	134,495	255,242	676,205	1,625,583	2,307,730	2,249,509	2,240,757
New Jersey	51,360	81,848	227,737	580,554	852,850	854,782	845,734
Pennsylvania	80,178	160,137	570,164	1,330,433	1,753,521	1,665,418	1,635,019
East North Central	314,524	653,665	2,229,396	4,918,383	6,384,157	5,707,772	5,535,441
Ohio	86,156	181,332	621,390	1,346,400	1,759,363	1,589,322	1,554,314
Indiana	45,000	96,915	333,067	725,410	875,763	797,126	770,071
Illinois	94,656	180,832	568,924	1,263,177	1,638,260	1,489,147	1,463,050
Michigan	54,366	114,845	412,717	989,010	1,328,209	1,136,224	1,077,209
Wisconsin	34,346	79,741	293,298	594,386	782,562	695,953	670,797
West North Central	232,044	499,992	1,782,946	2,941,814	3,681,901	3,278,279	3,241,673
Minnesota	46,000	93,269	324,166	569,694	732,972	682,953	679,243
Iowa	70,299	145,109	437,378	659,202	778,386	682,905	632,292
Missouri	38,140	76,462	297,008	604,166	761,600	717,460	698,362
North Dakota	15,187	24,908	90,840	144,972	183,019	153,232	153,889
South Dakota	14,457	28,724	120,395	168,028	205,172	162,096	169,249
Nebraska	13,411	59,000	219,000	338,719	426,229	374,849	390,651
Kansas	34,550	72,520	294,159	457,033	594,523	504,784	517,987
South Atlantic	77,823	150,594	808,053	1,920,982	2,517,673	2,263,705	2,240,307
Delaware	2,440	5,052	18,300	40,140	56,109	52,341	51,099
Maryland	14,217	31,047	102,841	234,247	321,702	322,106	313,274
District of Columbia	4,000	8,009	34,161	103,092	156,676	161,176	149,790
Virginia	9,022	21,357	115,470	282,650	375,889	376,512	344,704
West Virginia	5,144	13,279	80,664	217,589	266,273	225,137	226,985
North Carolina	10,000	21,000	140,860	[2] 340,287	453,241	376,326	382,308
South Carolina	10,000	15,000	93,843	168,496	218,402	176,370	[3] 162,735
Georgia	[4] 20,000	25,000	146,000	248,093	341,580	287,716	330,147
Florida	[4] 3,000	[4] 10,850	73,914	286,388	327,801	286,021	279,265
East South Central	26,360	48,421	357,658	878,115	1,213,501	969,609	977,776
Kentucky	7,210	19,500	112,683	261,647	331,002	291,309	294,547
Tennessee	[5] 10,000	[6] 7,618	101,852	244,626	368,259	298,713	312,180
Alabama	5,300	11,634	74,637	194,580	277,146	225,846	206,361
Mississippi	3,850	9,669	68,486	177,262	237,094	153,741	164,688
West South Central	48,583	84,433	772,655	1,790,017	2,411,714	1,988,547	2,074,404
Arkansas	3,583	8,021	59,082	183,589	220,204	136,583	188,242
Louisiana	[5] 10,000	11,380	73,000	207,000	275,283	238,877	232,688
Oklahoma	[4] 3,000	25,032	212,880	424,345	550,331	415,644	451,712
Texas	[5] 32,000	[5] 40,000	427,693	975,083	1,365,896	1,197,443	1,201,762
Mountain	33,215	78,520	374,473	675,706	962,572	848,081	820,376
Montana	5,916	14,540	60,650	94,656	135,168	109,203	110,245
Idaho	2,113	7,071	50,861	81,506	119,077	96,039	96,255
Wyoming	1,584	3,976	23,926	47,711	61,501	56,209	52,560
Colorado	13,000	28,894	129,255	240,097	308,509	286,211	266,491
New Mexico	1,898	5,100	22,100	49,111	84,150	76,872	76,643
Arizona	3,613	7,753	34,601	68,029	110,525	94,935	89,496
Utah	4,000	9,177	42,616	73,427	113,997	97,234	100,362
Nevada	1,091	2,009	10,464	21,169	29,645	31,378	28,324
Pacific	138,153	226,205	861,333	1,985,536	2,761,043	2,679,008	2,625,623
Washington	24,178	38,823	173,920	328,442	446,062	445,314	427,406
Oregon	13,975	23,585	103,790	216,553	[7] 273,625	[7] 258,762	[7] 239,410
California	[5] 100,000	163,797	583,623	1,440,541	2,041,356	1,974,932	1,958,807

[1] [illegible]s.
[illegible]ar ends June 30; figure rep-
[illegible] 1 to Dec. 31.
[3] Data cover 10 months ended Oct. 31, as registration year was changed.
[4] Registrations incomplete.
[5] Estimated.
[6] Cars registered during 1915 only; total, approxi-
[illegible] year ended June 30.

Source: Bureau of Public Roads, Department of Agriculture.

No. 386.—REGISTRATIONS AND REVENUES FROM MOTOR VEHICLES, 1933

Division and State	Number of motor cars				Trailers, registered	Motor cycles, registered and official, combined	Receipts from motor-vehicle administration		Amount used for highway purposes
	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] 24,057,027	20,600,543	3,226,747	[2] 229,737	472,789	98,882	302,694	266,140	224,828
New England	1,602,273	1,356,730	233,450	12,093	10,931	7,377	23,706	17,275	17,485
Maine	170,362	132,902	35,271	2,189	5,893	1,093	2,909	2,326	2,419
New Hampshire	107,923	87,759	19,872	292	1,922	1,104	2,167	1,764	2,070
Vermont	74,114	65,652	7,924	538	683	553	2,073	1,787	1,961
Massachusetts	793,889	689,934	99,854	4,101	525	1,448	6,508	3,706	3,296
Rhode Island	137,591	118,296	17,965	1,330	92	954	2,198	1,755	906
Connecticut	318,394	262,187	52,564	3,643	1,816	2,225	7,851	5,937	6,853
Middle Atlantic	4,773,345	4,081,277	640,233	51,835	26,846	32,592	86,881	70,355	47,092
New York	2,265,414	1,942,249	298,508	24,657	13,545	13,786	42,318	37,713	14,240
New Jersey	855,507	723,506	122,228	9,773	3,162	6,055	15,378	11,055	12,286
Pennsylvania	1,652,424	1,415,522	219,497	17,405	10,139	12,751	29,185	21,587	20,476
East North Central	5,560,775	4,848,719	686,722	25,334	179,943	19,230	70,082	65,750	58,792
Ohio	1,570,052	[3] 1,396,125	[3] 158,189	15,738	61,156	6,293	17,678	16,826	13,819
Indiana	770,660	653,710	116,361	589	27,996	2,561	7,847	6,922	5,305
Illinois	1,464,860	[3] 1,276,864	[3] 186,186	1,810	9,228	4,959	16,229	15,544	14,879
Michigan	1,078,075	[3] 955,570	[3] 121,639	866	78,908	2,914	18,560	17,003	17,227
Wisconsin	677,128	566,450	104,347	6,331	2,565	2,553	9,768	9,455	7,562
West North Central	3,261,335	2,794,801	446,872	19,662	63,584	7,195	34,038	32,549	30,665
Minnesota	682,996	580,113	99,130	3,753	19,648	1,765	6,367	6,197	5,631
Iowa	637,105	562,802	69,490	4,813	2,416	1,719	10,695	10,319	9,905
Missouri	701,456	[3] 594,567	[3] 103,795	3,094	13,110	1,513	9,357	8,745	9,026
North Dakota	154,523	[3] 128,547	[3] 25,342	634	143	204	1,382	1,338	189
South Dakota	170,513	146,485	22,764	1,264	9,693	297	1,469	1,410	1,406
Nebraska	392,417	336,704	53,947	1,766	14,727	988	1,722	1,600	1,650
Kansas	522,325	[3] 445,583	[3] 72,404	4,338	3,847	709	3,057	2,940	2,858
South Atlantic	2,274,008	1,926,595	313,712	33,701	37,525	9,425	29,039	25,862	20,447
Delaware	51,741	[3] 42,614	[3] 8,485	642	912	409	1,014	858	1,014
Maryland	315,692	278,546	34,728	2,418	1,383	1,485	3,581	2,733	2,116
Dist. Columbia	154,433	133,048	16,742	4,643	1,112	918	626	156	----
Virginia	350,365	288,048	56,656	5,661	1,845	1,817	6,090	5,757	5,475
West Virginia	230,211	193,570	33,415	3,226	2,094	1,254	3,838	3,523	3,089
North Carolina	391,749	332,648	49,660	9,441	13,012	1,151	5,356	4,915	5,118
South Carolina [4]	165,746	144,940	17,795	3,011	1,764	601	2,503	2,142	2,136
Georgia	330,845	278,935	51,212	698	5,836	956	1,036	989	899
Florida	283,226	234,246	45,019	3,961	9,567	834	4,995	4,789	----
East South Central	987,711	849,055	128,721	9,935	7,839	2,719	11,708	11,376	10,965
Kentucky	297,927	262,436	[5] 32,111	3,380	(5)	889	4,174	4,052	3,938
Tennessee	315,095	278,332	33,848	2,915	2,982	1,064	2,940	2,824	2,673
Alabama	207,739	176,523	29,838	1,378	4,007	567	2,724	2,677	2,583
Mississippi	166,950	131,764	32,924	2,262	850	199	1,870	1,823	1,771
West South Central	2,092,300	1,744,784	329,620	17,896	54,101	5,421	21,951	20,654	20,765
Arkansas	188,989	155,262	32,980	747	6,887	356	1,769	1,622	1,692
Louisiana	236,836	190,681	42,007	4,148	6,957	778	4,053	3,692	3,923
Oklahoma	454,454	385,755	65,957	2,742	4,184	700	3,382	3,320	3,035
Texas	1,212,021	1,013,086	188,676	10,259	36,073	3,587	12,747	12,020	12,115
Mountain	830,509	667,802	132,574	10,133	15,434	2,590	7,600	6,801	6,200
Montana	112,176	[3] 82,765	[3] 27,480	1,931	483	272	1,070	1,018	1,027
Idaho	97,674	81,371	14,884	1,419	10,039	291	1,402	1,361	1,297
Wyoming	53,365	41,917	10,643	805	20	121	679	667	666
Colorado	267,012	239,058	27,433	521	832	788	2,036	1,555	1,359
New Mexico	77,892	61,353	15,290	1,249	983	263	667	629	380
Arizona	91,709	74,927	14,569	2,213	1,989	316	648	534	476
Utah	101,690	84,014	16,348	1,328	457	447	798	749	738
Nevada	28,991	22,397	5,927	667	631	92	300	288	257
Pacific	2,674,438	2,310,780	314,843	48,815	76,586	12,283	17,686	15,516	12,510
Washington	435,412	364,858	62,548	8,006	4,849	1,804	2,483	1,851	1,912
Oregon [6]	243,152	207,202	32,208	3,742	1,750	1,421	5,337	5,092	4,767
California	1,995,874	1,738,720	220,087	37,067	69,987	9,058	9,866	8,573	5,831

[1] [illegible]s, fines, etc.; excludes gasoline taxes.
[2] [illegible] to any State.
[3] [illegible]
[4] Data cover 10 months ended Oct. 31, as registration year was changed.
[5] Trailers included with trucks.
[6] Data cover registration year ended June 30, 1933.

Source: Bureau of Public Roads, Department of Agriculture.

No. 387.—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	60,359,974	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	8,578,536	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	17,149	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	28,684	24.4	25,350,499	113.1
1931	119,421,000	30,042	25.2	118,157,000	29,658	25.1	24,705,328	120.0
1932	120,122,000	26,350	21.9	118,858,000	26,033	21.9	23,085,036	112.8

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	4,869,652	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	36,928,787	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	44,664,983	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	1,452,818	225	15.5
1921	45,070,088	3,368	7.5	42,522,087	6,535	15.4	1,510,259	265	17.5
1922	48,575,329	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	49,095,724	12,252	24.7	1,867,922	456	24.4
1928	61,350,563	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

Sources: Bureau of the Census, Department of Commerce, and Bureau of Public Roads, Department of Agriculture.

No. 388.—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 68 for per cent of total population included in the registration area for each year.

State	Number of deaths						Rate per 100,000 estimated population					
	1921–1925, avg.	1926–1930, avg.	1929	1930	1931	1932	1921–1925, avg.	1926–1930, avg.	1929	1930	1931	1932
Registration area in continental United States	**13,869**	**23,988**	**27,066**	**29,080**	**30,042**	**26,350**	**14.3**	**21.3**	**23.3**	**24.5**	**25.2**	**21.9**
Registration States [1]	13,579	23,579	26,662	28,684	29,658	26,033	14.3	21.3	23.2	24.4	25.1	21.9
Cities [1]	8,624	13,622	14,865	16,491	16,956	14,729	19.1	26.3	28.2	29.6	29.3	25.5
Rural	4,955	9,957	11,797	12,193	12,702	11,304	9.9	16.9	18.9	20.1	21.1	18.5
Cities in nonregistration States	290	409	404	396	384	317	18.8	27.4	33.1	32.4	30.4	25.1
All registration cities [1]	8,914	14,031	15,269	16,887	17,340	15,046	19.1	26.3	28.3	29.1	29.3	25.5
REGISTRATION STATES												
Alabama	[2] 252	392	445	459	472	405	[2] 10.0	15.1	17.0	17.3	17.7	15.1
Arizona	(3)	143	153	181	149	162	(3)	34.2	35.7	41.3	33.6	36.2
Arkansas	(3)	[4] 242	282	306	313	260	(3)	[4] 13.1	15.3	16.5	16.8	13.9
[illegible]	1,131	1,828	2,100	2,193	2,367	2,198	27.0	34.5	38.1	38.3	40.5	37.0
[illegible]	148	232	268	271	319	284	15.2	22.8	25.1	26.1	30.6	27.1
[illegible]	260	370	433	467	457	409	17.8	24.0	27.2	28.2	28.1	25.0
[illegible]	36	64	57	74	76	79	15.8	27.1	24.0	31.0	31.7	32.9
Florida	217	470	488	563	518	485	19.0	34.6	34.1	38.0	34.4	31.7
Georgia	[5] 260	[5] 519	527	562	608	541	[5] 9.0	[6] 17.8	18.1	18.3	20.0	18.6
Idaho	[7] 46	87	81	109	88	86	[7] 10.5	19.7	18.2	24.5	19.7	19.2
[illegible]	1,051	1,645	1,685	1,945	2,040	1,831	15.3	22.1	22.3	25.4	26.5	23.6
[illegible]	309	772	807	905	1,023	845	13.1	21.2	27.0	29.7	30.4	25.8
Iowa	[8] 241	376	404	601	564	422	[8] 9.0	15.3	16.4	24.3	22.8	17.0
Kansas	193	322	373	430	402	386	10.7	17.3	19.9	23.3	21.3	20.4
Kentucky	167	357	389	477	514	411	6.7	13.8	15.0	18.2	19.5	16.7
Louisiana	162	332	373	371	412	341	8.5	16.2	17.9	17.6	19.4	15.9
Maine	83	127	151	159	159	149	10.7	16.0	19.0	19.9	19.9	18.6
[illegible]	232	363	382	449	466	410	15.3	22.7	23.6	27.4	28.3	24.8
[illegible]	606	732	781	779	813	777	15.3	17.5	18.5	18.3	19.0	18.1
[illegible]	714	1,284	1,411	1,384	1,407	1,143	17.5	27.7	29.7	28.4	28.5	22.9
Minnesota	306	430	505	561	622	486	12.5	17.3	19.8	21.8	24.1	18.8
[illegible]	96	265	284	332	284	234	5.1	13.4	14.2	16.5	14.0	11.5
[illegible]	301	605	651	739	844	636	11.2	16.8	18.0	20.3	23.1	18.9
[illegible]	90	100	114	100	118	91	11.0	18.5	21.2	18.6	21.9	17.9
[illegible]	119	224	205	286	201	212	9.0	16.4	19.3	26.7	21.0	15.3
[illegible]	(3)	[9] 40	45	34	63	59	(3)	[9] 44.2	50.0	37.4	68.5	63.4
[illegible]	59	83	98	103	100	70	13.1	18.0	21.1	22.1	21.4	15.0
[illegible]	643	1,040	1,209	1,211	1,229	1,105	18.6	26.7	30.4	29.8	29.9	26.6
[illegible]	(3)	[9] 104	97	111	95	97	(3)	[9] 24.7	23.2	26.1	22.2	22.5
[illegible]	1,880	2,628	2,077	3,048	3,077	2,813	17.0	21.5	24.0	24.1	24.1	21.9
[illegible]	254	555	611	629	650	558	9.2	18.1	19.5	19.7	20.2	17.2
North Dakota	[10] 52	78	88	79	110	57	[10] 7.8	11.6	13.0	11.6	16.1	8.3
Ohio	988	1,706	1,960	2,019	1,970	1,822	16.3	26.3	30.2	30.3	29.3	27.0
Oklahoma	(3)	[8] 433	487	483	404	437	(3)	[6] 18.3	20.6	20.1	16.7	17.9
Oregon	125	221	221	253	292	223	14.9	23.9	23.5	26.4	30.2	22.9
[illegible]	1,405	2,011	2,159	2,422	2,412	2,043	15.6	21.2	22.6	25.1	24.9	21.0
[illegible] Island	104	136	146	123	116	101	16.4	20.2	21.4	17.8	16.7	14.5
[illegible]	123	288	350	370	386	329	7.2	16.7	20.2	21.3	21.8	18.0
South Dakota	(3)	[11] 112	(3)	112	116	101	(3)	[11] 16.1	(3)	16.1	16.6	14.4
Tennessee	195	409	480	526	547	474	8.0	15.9	18.5	20.1	20.7	17.9
Utah	68	109	133	130	157	115	14.5	21.9	26.4	25.5	30.7	22.3
[illegible]	42	62	64	71	71	63	11.8	17.3	17.8	19.7	19.7	17.5
[illegible]	198	413	457	518	660	561	8.4	13.0	18.9	21.4	27.0	23.0
Washington	236	397	441	413	461	413	16.5	26.0	28.5	26.3	29.2	26.0
West Virginia	[2] 208	305	318	305	427	332	[2] 13.0	18.1	18.6	22.8	24.4	18.9
[illegible]	306	568	612	712	731	624	11.2	19.7	21.0	24.2	24.7	21.0
[illegible]	[7] 51	65	73	72	98	78	[7] 24.7	29.9	32.7	31.9	43.0	34.1
REGISTRATION CITIES [12]												
Akron	39	82	90	100	77	80	18.0	34.3	35.5	39.1	29.3	30.3
Albany	28	40	35	48	45	35	23.7	32.0	27.7	37.6	34.9	27.1
Atlanta	53	76	89	87	95	90	23.5	29.2	33.4	32.0	34.2	35.7
[illegible]	130	188	198	206	226	201	17.1	23.7	24.8	25.5	27.8	24.7
[illegible]	46	63	76	70	82	75	22.3	25.0	29.9	26.8	30.4	27.9

For footnotes see following page.

No. 388.—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.	1929	1930	1931	1932	1921–1925, avg.	1926–1930, avg.	1929	1930	1931	1932
Boston	132	138	145	120	148	151	17.4	17.8	18.6	15.3	18.8	19.2
Bridgeport	25	36	39	40	59	27	17.3	24.6	26.6	27.2	40.1	18.4
Buffalo	111	156	184	175	153	132	21.0	27.8	32.4	30.5	26.3	22.7
Chicago	597	795	768	841	953	846	20.4	24.4	23.1	24.8	27.6	24.5
Cincinnati	91	135	150	167	149	124	21.8	30.5	33.5	36.9	32.6	27.1
Cleveland	189	281	312	303	286	262	22.7	31.8	34.9	33.6	31.4	28.7
Columbus	54	99	117	135	121	99	21.1	35.0	40.7	46.3	40.9	33.5
Dallas	37	64	67	78	81	71	19.2	26.2	26.4	29.7	29.7	26.0
Dayton	28	61	75	71	75	58	16.6	31.7	38.0	35.2	36.7	28.3
Denver	44	63	69	80	86	86	16.5	22.3	24.2	27.7	29.5	29.5
Des Moines	[8] 19	33	33	46	43	45	[8] 14.2	23.6	23.3	32.2	29.8	31.1
Detroit	242	388	392	384	372	321	21.0	26.8	25.8	24.2	22.5	19.6
Flint	19	44	49	50	53	38	16.2	30.1	32.2	31.6	32.3	23.2
Fort Worth	[7] 21	43	55	56	55	56	[7] 15.3	27.3	34.1	34.1	32.0	33.4
Grand Rapids	28	38	44	47	36	29	19.1	23.2	26.4	27.8	21.0	16.9
Hartford	38	46	49	37	55	50	25.9	28.8	30.2	22.5	32.9	29.9
Houston	28	77	115	101	101	64	15.5	29.6	40.6	34.2	32.6	20.6
Indianapolis	58	110	29	134	156	99	17.5	31.0	35.8	36.7	42.2	26.8
Jacksonville	25	45	53	45	56	58	24.7	35.6	41.4	34.6	42.5	42.1
Jersey City	46	56	73	55	43	58	15.1	17.9	23.1	17.3	13.5	18.2
Kansas City, Kans.	17	19	14	36	24	36	15.2	15.8	11.6	29.5	19.5	29.3
Kansas City, Mo.	78	92	82	118	137	89	22.3	23.8	20.8	29.4	33.5	21.8
Long Beach	22	39	57	48	60	55	25.8	30.2	41.7	33.4	39.4	36.0
Los Angeles	220	365	430	417	488	486	27.6	32.2	36.0	33.3	37.0	36.8
Louisville	53	80	86	87	109	85	18.9	26.1	28.0	28.3	35.4	27.0
Memphis	41	75	82	87	100	101	23.4	36.2	39.9	34.3	38.6	39.0
Milwaukee	73	114	112	110	108	97	14.8	20.5	19.6	19.0	18.2	16.3
Minneapolis	68	88	108	110	114	91	16.7	19.6	23.5	23.6	24.1	19.2
Nashville	29	51	64	64	71	72	23.1	34.9	41.8	41.5	45.7	46.3
New Haven	34	49	62	45	51	53	20.9	30.1	38.1	27.7	31.3	32.6
New Orleans	64	108	124	120	126	91	15.5	24.2	27.3	26.1	27.0	19.5
New York	961	1,191	1,342	1,310	1,299	1,163	15.8	17.8	19.6	18.8	18.3	16.4
Newark, N. J.	94	123	126	139	106	98	27.2	28.1	28.6	31.4	23.8	22.0
Norfolk	17	27	28	24	44	36	13.3	20.4	21.4	18.5	33.9	27.8
Oakland	44	74	85	111	101	64	18.4	27.2	30.5	38.9	34.6	21.9
Oklahoma City	15	44	59	76	55	66	12.2	26.1	33.0	40.5	27.9	33.6
Omaha	30	49	60	58	66	44	15.1	23.3	28.3	27.0	30.5	20.3
Paterson	39	50	59	50	52	56	28.5	36.2	42.7	36.1	37.5	40.3
Philadelphia	262	346	381	377	354	321	14.0	17.9	19.6	19.3	18.0	16.3
Pittsburgh	146	193	197	228	218	159	23.7	29.4	29.6	34.0	32.2	23.5
Portland, Oreg.	40	61	56	71	95	74	14.7	20.8	18.7	23.4	30.9	24.1
Providence	56	69	69	72	52	51	23.1	27.6	27.4	28.4	20.4	20.0
Richmond	28	49	51	59	90	67	16.0	27.1	28.0	32.2	48.3	36.4
Rochester	48	67	58	80	76	62	15.6	20.8	17.8	24.3	22.9	18.7
St. Louis	164	177	172	175	180	156	20.8	21.8	21.0	21.3	21.7	18.8
St. Paul	45	61	69	76	87	84	18.2	23.0	25.7	27.9	31.5	30.4
Salt Lake City	28	42	38	44	50	58	22.3	30.3	41.8	31.3	35.0	40.5
San Antonio	30	58	72	66	63	50	16.2	26.4	31.8	28.3	26.2	20.8
San Diego	30	57	62	77	66	68	30.3	41.6	43.3	51.5	42.2	43.5
San Francisco	107	137	119	133	126	132	19.4	22.4	19.0	20.9	19.4	20.3
Scranton	30	38	49	44	36	32	21.5	26.7	34.3	30.6	25.0	22.2
Seattle	52	85	104	83	116	80	15.6	23.8	28.7	22.6	31.2	21.5
Springfield, Mass.	22	35	40	46	33	28	16.1	23.9	27.0	30.6	21.7	18.0
Syracuse	37	53	59	61	70	39	20.3	26.1	28.5	29.0	32.8	18.3
Toledo	52	96	106	107	120	109	20.1	33.9	36.8	36.7	40.4	36.7
Trenton	32	48	58	57	56	41	26.5	39.1	47.1	46.2	45.2	33.1
Tulsa	(3)	[6] 39	37	50	33	34	(3)	[6] 29.4	27.1	35.2	22.6	23.3
Washington, D. C.	80	117	117	138	161	186	17.6	24.5	24.2	28.3	32.8	37.7
Worcester	33	40	33	53	37	31	17.8	20.8	17.0	27.1	18.8	15.7
Yonkers	16	22	27	19	24	17	14.3	17.1	20.4	14.0	17.3	12.2
Youngstown	36	63	88	64	69	41	25.7	40.8	57.4	37.5	39.9	23.7

[1] Including the District of Columbia.
[2] 1925 only.
[3] Not in registration area.
[4] Average, 1927–1930.
[5] Average, 1922–1924.
[6] Average, 1928–1930.
[7] Average, 1922–1925.
[8] Average, 1923–1925.
[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.

26.—TRANSPORTATION, AIR AND LAND—STEAM AND ELECTRIC RAILWAYS, EXPRESS COPMANIES, 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 inter- [illegible] to the Interstate Commerce Commission, [illegible] ommission; and (c) private railroads (defined [illegible] of circulars and as "unofficial"). Except in [illegible] not included in any of the statistics. The [illegible] is were formerly included with operating railways, but are now separated, and [illegible] in most of the tables.

[illegible] 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 capitali- za[illegible] [illegible] [illegible] [

No. 390.—RAILWAY MILEAGE OWNED: BY STATES

NOTE.—See headnote to Table 389. 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	1931	1932
United States [3]	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,052	248,329	247,596
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,596	7,589	7,563
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	2,192	2,181
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,165	1,165	1,134
Vermont	554	614	914	921	1,012	1,100	1,077	1,056	1,051	1,051
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	2,014	2,016
Rhode Island	108	136	210	213	212	212	211	191	194	205
Connecticut	601	742	923	1,007	1,024	1,000	1,001	969	973	976
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,293	21,752	21,722	21,651
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,390	8,312	8,282	8,261
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,352	2,299	2,285	2,284
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,141	11,155	11,106
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,380	31,644	31,549	31,327
Delaware	127	197	275	323	347	335	335	325	325	325
District of Columbia	[4]	[4]	[4]	30	32	36	36	36	36	37
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,443	1,439	1,438
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,492	4,473
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,046	4,125	4,109
North Carolina	937	1,178	1,486	3,001	3,831	4,932	5,522	5,161	5,058	4,998
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,775	3,751
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,326	6,671	6,671	6,638
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,628	5,558
East North Central	9,583	14,701	25,109	36,924	41,007	44,928	44,904	43,770	43,543	43,075
Ohio	2,940	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,733	8,604
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,106	7,108	7,089
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	12,500	12,472	12,411
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,734	8,072	8,020	7,832
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,554	7,288	7,210	7,139
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,180	51,400	51,383	51,185
Minnesota		1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,778	8,709
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,808	9,698	9,685	9,625
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,117	7,897	7,970	7,914
North Dakota		[5] 65	[5] 1,225	1,941	2,731	4,201	5,311	5,275	5,275	5,275
South Dakota		[6]	[6]	2,486	2,850	3,948	4,276	4,238	4,219	4,220
Nebraska		705	1,953	5,295	5,085	6,067	6,166	6,174	6,173	6,159
Kansas		1,501	3,400	8,806	8,719	9,007	9,388	9,339	9,283	9,283
East South Central	3,392	4,656	6,343	11,144	13,343	17,074	17,754	17,452	17,358	17,170
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,929	4,054	3,991	3,901
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,941	3,921
[illegible]	743	1,157	1,843	3,314	4,226	5,226	5,378	5,249	5,256	5,226
[illegible]	862	990	1,127	2,332	2,920	4,506	4,369	4,209	4,170	4,122
West South Central	680	1,417	5,044	13,782	18,221	31,122	32,972	33,227	33,398	33,328
Louisiana	335	450	652	1,759	2,324	5,554	5,223	4,654	4,630	4,607
Texas	307	711	3,244	8,613	9,886	14,282	16,125	17,069	17,204	17,198
Oklahoma			289	1,214	2,151	5,980	6,572	6,678	6,742	6,741
Arkansas	38	256	859	2,196	3,360	5,306	5,052	4,826	4,813	4,782
Mountain		1,466	5,082	12,676	15,808	22,956	25,170	24,973	24,973	24,912
Montana			106	2,181	3,010	4,207	5,072	5,228	5,212	5,208
Wyoming		459	512	942	1,229	1,645	1,931	2,036	2,037	2,036
Colorado		157	1,570	4,176	4,587	5,533	5,519	4,972	4,964	4,956
New Mexico			758	1,324	1,753	3,032	2,972	2,973	3,009	2,992
Arizona			349	1,097	1,512	2,097	2,478	2,494	2,472	2,454
Utah		257	842	1,090	1,547	1,986	2,161	2,196	2,196	2,178
Nevada		593	739	925	909	2,277	2,160	2,109	2,131	2,155
Idaho			206	941	1,261	2,179	2,877	2,965	2,952	2,933
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,248	17,238	17,314	17,384
Washington			289	1,783	2,914	4,875	5,587	5,542	5,524	5,448
Oregon		159	508	1,428	1,724	2,285	3,305	3,456	3,473	3,484
California	23	925	2,195	4,356	5,751	7,772	8,356	8,240	8,317	8,452
Alaska Territory					22	390	246	790	750	750
Hawaii Territory						175	243	232	232	228

[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. 391.—RAILWAY MILEAGE OWNED AND OPERATED

NOTE.—See note to Table 389. 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	1891	168,403	161,275	1912	246,777	249,352
1850		9,021	1892	171,564	162,397	1913	249,777	253,470
1855		18,374	1893	176,461	169,780	1914	252,105	256,547
1860		30,626	1894	178,709	175,691	1915	253,789	257,569
1865		35,085	1895	180,657	177,746	1916	254,037	259,705
1870		52,922	1896	182,777	181,983	1917	253,626	259,705
1875		74,096	1897	184,428	183,284	1918	253,529	258,507
1877		79,082	1898	186,396	184,648	1919	253,152	258,525
1878		81,747	1899	189,205	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	258,084
1882		114,677	1903	207,977	205,314	1924	250,156	258,238
1883		121,422	1904	213,904	212,243	1925	249,398	258,631
1884		125,345	1905	218,101	216,974	1926	249,138	258,815
1885		128,320	1906	224,363	222,340	1927	249,131	259,639
1886		136,338	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		161,270	1910	240,293	240,831	1931	248,829	259,999
1890	163,597	156,404	1911	243,979	246,238	1932	247,595	258,860

Source: Poor's Manual of Railroads prior to 1890; Interstate Commerce Commission thereafter.

No. 392.—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 396

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	98,343
1923	235,574	38,573	111,708	385,855	65,327	2,544,115	39,177	101,317
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	238,634	41,926	118,654	399,214	61,344	2,606,171	42,798	105,846
1928	240,747	42,255	120,479	403,481	59,441	2,579,643	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	242,292	42,627	123,318	408,237	55,055	2,488,861	45,764	103,422
1932	241,424	[1] 42,404	123,241	407,069	53,217	2,430,328	46,299	100,901
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
1929	60,362	23,448	46,677	130,487	24,921	1,141,547	46,553	50,998
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	46,942	49,945
1932	59,711	22,892	46,554	129,157	22,713	1,057,012	47,628	49,163
Southern district:								
1916	42,753	3,940	15,695	62,388	9,754	323,023	33,165	15,633
1920	43,799	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
1929	45,758	6,149	21,387	73,294	10,808	478,826	44,600	19,177
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
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
1929	135,895	12,959	53,818	202,672	21,808	930,440	42,909	35,236
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

[1] Includes second track, 36,678 miles; third track, 3,162 miles; fourth and other, 2,564 miles.

Source: Interstate Commerce Commission.

No. 393.—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, 1,049 miles; 1925, 3,087 miles; 1930, 2,898 miles; 1931, 2,887 miles; 1932, 2,878 miles, consisting of 1,710 miles of road, 501 miles of second main track, 68 miles of industrial tracks, and 599 miles of yard track and sidings. Figures also include some industrial tracks as follows: 1925, 20,407 miles; 1930, 21,694 miles; 1931, 21,687 miles; 1932, 21,585 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	35,200	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	5,096	2,381	1,432	1,285
1931	408,237	242,292	36,861	3,211	2,555	123,318	5,225	2,395	1,464	1,366
1932	407,009	241,424	36,678	3,162	2,564	123,241	5,389	2,410	1,596	1,383
Eastern district:										
1916	120,110	59,175	16,666	2,408	1,805	40,056	[1]	[1]	[1]	[1]
1931	129,501	59,920	18,316	2,735	2,006	46,524	3,297	1,255	1,196	846
1932	129,157	59,711	18,186	2,689	2,017	46,554	3,460	1,274	1,314	872
Southern district:										
1916	62,389	42,753	3,725	43	173	15,695	[1]	[1]	[1]	[1]
1931	74,345	46,105	5,909	143	311	21,877	660	270	182	208
1932	74,087	45,886	5,903	135	310	21,853	661	266	196	199
Western district:										
1916	181,638	129,746	8,832	265	212	42,583	[1]	[1]	[1]	[1]
1931	204,391	136,267	12,636	333	238	54,917	1,268	870	86	312
1932	203,825	135,827	12,589	338	237	54,834	1,268	870	86	312

[1] Data not available.
[2] Does not include 43 miles of electric street railways operated by Boston & Maine R. R.

No. 394.—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	162,670	96,825	2,823	1,842
1914	3,245	1,862	150,813	96,985	3,629	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	63,406	69,245	1,681	929
1922	1,226	1,682	105,394	126,471	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

[1] Excludes units transferred from one class of service to another.

Source of Tables 393 and 394: Interstate Commerce Commission.

No. 395.—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	60,019		1,588,894	27,282		2,148,478	76,579	35.9	47,179
1915	66,502	66,229	[3] 2,014,201	[3] 31,546	273	2,341,567	[4] 92,238	[4] 39.6	55,810
Dec. 31, 1916	65,595	65,253	[3] 2,066,166	[3] 32,890	342	2,329,475	[4] 94,441	[4] 40.8	55,193
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	67,936	67,563	[3] 2,223,246	[3] 34,995	373	2,397,943	[5] 96,767	[5] 41.6	56,611
1919	68,977	68,592	[3] 2,312,634	[3] 35,789	385	2,429,889	[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] 36,935	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	57,159
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] 2,606,171	[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

[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. 396.—CLASSIFICATION OF RAILWAY CARS IN SERVICE

NOTE.—Figures for "All operating companies" [illegible] minal companies but not circular and unofficial lines. Cars owned by private c[illegible] one-tenth of those owned by railway companies, are not included.

	All operating companies					Class I, 1932			
	1920	1925	1930	1931	1932	Total	Eastern district	Southern district	Western district
Freight cars [1]	**2,388,424**	**2,414,083**	**2,322,267**	**2,245,904**	**2,184,690**	**2,144,631**	**992,766**	**410,159**	**741,706**
Box	1,056,514	1,086,562	1,064,652	1,022,627	992,013	987,184	430,936	164,100	392,148
Flat	117,604	113,562	108,181	104,878	100,465	91,739	20,135	18,941	52,663
Stock	81,678	87,452	84,460	81,412	78,504	77,833	13,288	7,257	57,288
Coal	968,034	979,483	930,624	906,008	886,228	868,342	505,429	207,214	155,699
Tank	11,130	12,151	10,981	10,616	10,142	8,921	27	21	8,873
Refrigerator	60,768	49,488	41,006	38,996	37,697	37,058	2,944	5,026	29,088
Other	92,696	85,385	82,363	81,367	79,641	73,554	20,007	7,600	45,947
Steel [2]	630,150	757,065	854,864	843,542	834,924	834,924	549,834	159,791	125,299
Steel underframe [2]	886,296	1,056,125	1,118,257	1,101,565	1,078,353	1,078,353	410,421	190,529	477,403
Caboose cars	29,575	31,325	29,779	29,233	28,576	27,684	11,585	5,483	10,616
Passenger-train cars	**56,102**	**56,814**	**53,584**	**52,096**	**50,598**	**49,353**	**25,117**	**7,474**	**16,762**
Coaches	29,343	28,744	25,178	24,255	23,421	22,904	12,684	3,352	6,868
Combination	8,570	8,624	8,252	8,107	7,945	7,337	3,100	1,271	2,966
Emigrant	11	7							
Parlor	574	502	507	491	485	480	85	72	323
Sleeping [3]	558	377	223	215	208	208	8	5	195
Baggage and express	12,101	13,174	12,981	12,578	12,313	12,238	6,278	1,706	4,254
Postal	1,243	1,092	954	952	963	958	376	188	394
Other	3,702	4,294	5,489	5,498	5,263	5,228	2,586	880	1,762
Steel [2]	15,111	21,190	29,041	29,203	29,230	29,230	16,518	3,668	9,044
Steel underframe [2]	6,573	9,369	10,376	10,335	10,250	10,250	5,433	1,625	3,192
Company service equipment	108,485	112,592	109,527	105,794	99,557	96,268	32,442	17,167	46,659
Motor cars and trailers [2]	(4)	2,469	5,594	5,663	5,713	5,713	4,330	418	965

[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 395 and 396: Interstate Commerce Commission.

No. 397.—EMPLOYEES OF RAILWAYS: NUMBER AND COMPENSATION [1]

Year ended—	All loperating carriers				Year ended—	All operating carriers			
	Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation			Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation	
			Per hour [2]	Per year				Per hour [2]	Per year
June 30:					June 30:				
1890	749,301				1908	1,436,275	1,035,438		$721
1895	785,034	445,508		$568	1909	1,502,823	988,324		658
1900	1,017,653	577,265		567	1910	1,699,420	1,143,725		673
1901	1,071,169	610,714		570	1911	1,669,809	1,208,466		724
1902	1,189,315	676,029		568	1912	1,716,380	1,252,348		730
1903	1,312,537	757,321		577	1913	1,815,239	1,373,831		757
1904	1,296,121	817,599		631	1914	1,710,296	1,381,117		808
1905	1,382,196	839,945		608	1916	1,654,075	1,403,968	$0.266	849
1906	1,521,355	900,802		592	Dec. 31:				
1907	1,672,074	1,072,386		641	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	Total hours (thousands)	Total yearly compensation (1,000 dollars)	Average hours per employee	Average compensation	
						Per hour [2]	Per year
1916	1,700,814	1,647,097	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	1,751,362	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	1,052,285	1,031,703	2,378,206	1,512,816	2,305.1	.636	1,466
1933	[4] 990,262	970,893	2,233,444	1,403,882	2,300.4	.629	1,446

[1] Data exclude switching and terminal companies beginning 1910. Class III roads are excluded in 1913. Exclusion of the latter [illegible] comparability of the figures. Information for 1915 is incomplete, as 20 of [illegible] id is not shown.
[2] Calculated for all [illegible] not paid on an hourly basis.
[3] Data cover Federal reports, reports of companies not under Federal control, and corporate reports.
[4] Estimated from data for Class I roads.

Source: Interstate Commerce Commission.

No. 398.—EMPLOYEES AND THEIR COMPENSATION: CLASS I CARRIERS

NOTE.—Data relate to years ended Dec. 31. Class I switching and terminal companies are included. Average compensation in fifth and sixth columns is per day where so indicated in the stub.

District or class	Average number of employees		Total compensation (1,000 dollars)		Average per hour, straight time (dollars)		Average per month total compensation (dollars)	
	1932	1933	1932	1933	1932	1933	1932	1933
All employees, all districts	1,048,568	986,573	1,535,928	1,427,293				
Daily basis	94,096	86,952	232,139	207,512	7.73	7.54	206	199
Hourly basis	954,472	899,621	1,303,789	1,219,781	.593	.588	113	113
Eastern district	476,035	451,684	696,238	646,541				
Daily basis	45,343	41,892	104,669	92,230	7.30	7.08	192	183
Hourly basis	430,692	409,792	591,569	554,311	.624	.619	114	113
Southern district	193,029	182,325	267,572	254,018				
Daily basis	15,503	14,510	40,708	37,498	8.11	8.00	219	215
Hourly basis	177,526	167,815	226,864	216,520	.558	.540	106	108
Western district	379,504	352,564	572,118	526,734				
Daily basis	33,250	30,550	86,762	77,784	8.12	7.93	217	212
Hourly basis	346,254	322,014	485,356	448,950	.582	.576	117	116

No. 398.—Employees and Their Compensation: Class I Carriers—Con.

District or class	Average number of employees		Total compensation (1,000 dollars)		Average per hour, straight time (dollars)		Average per month, total compensation (dollars)	
	1932	1933	1932	1933	1932	1933	1932	1933
Executives, officials, and staff assistants	13,616	12,465	71,269	62,882				
Daily basis	13,616	12,465	71,269	62,882	16.65	16.22	436	420
Professional, clerical, and general	185,165	166,507	296,948	263,067				
Daily basis	40,689	37,100	87,961	78,624	7.08	7.02	180	177
Hourly basis	144,476	129,407	208,987	184,443	.590	.587	121	119
Maintenance of way and structures	215,887	200,415	195,954	180,186				
Daily basis	3,926	3,630	10,400	9,372	8.37	8.28	221	215
Hourly basis	211,961	196,785	185,554	170,814	.427	.417	73	72
Maintenance of equipment and stores	282,971	265,926	349,943	334,159				
Daily basis	10,374	9,431	27,293	24,177	8.22	7.99	219	214
Hourly basis	272,597	256,494	322,650	309,982	.582	.578	99	101
Transportation (other than train service, engine, and yard)	134,265	125,493	181,961	165,154				
Daily basis	21,414	20,617	23,702	22,169	3.21	3.16	92	90
Hourly basis	112,851	104,876	158,259	142,985	.550	.542	117	114
Transportation (yardmasters, switch tenders, and hostlers)	14,112	12,626	28,453	25,083				
Daily basis	4,077	3,709	11,514	10,288	8.08	7.95	235	231
Hourly basis	10,035	8,919	16,939	14,795	.629	.620	141	138
Transportation (train and engine service)	202,552	203,140	411,399	396,762				
Hourly basis	202,552	203,140	411,399	396,762	.773	.765	169	163

No. 399.—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	16,286	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	1,070,809
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			26	2,159	84,479	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	369,075	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	12,623	10	2,218	87,914
1897	128	18,862	18	1,537	92,909	1924	61	8,105	11	920	30,223
1898	94	12,745	18	2,069	138,701	1925	53	18,687	6	11,368	680,422
1899	71	9,853	10	1,019	52,285						
1900	52	4,178	16	1,165	78,234	1926	45	17,632	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]	(3)	(3)	18	21,222	1,229,678
1907	29	3,926	7	317	13,585						

[1] Data relate to June 30 prior to 1916, Dec. 31 thereafter. [2] Includes roads under trusteeship.
[3] Data not available.

Sources: Table 398, Interstate Commerce Commission; Table 399, first two columns, Interstate Commerce Commission; others, The Railway Age, Chicago.

No. 400.—CAPITALIZATION OF RAILROADS: ALL REPORTING COMPANIES

NOTE.—All amounts except "per mile of road" in millions of dollars. Switching and terminal com- [illegible] total capital [illegible] The gross [illegible] ll as larger ar [illegible]

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
1917	21,249	7,455	1,848	11,947	2,720	2,128	16,402	66,699	6,583	9,819	59.9
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	1,898	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	7,683	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	2,868	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	24,837	8,067	2,047	14,723	3,056	2,887	18,894	76,957	7,058	11,836	62.6

No. 401.—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 includ [illegible] cluded beginning with 1908. Dividend figures throughout cover [illegible] 1913 excludes the unimportant Class III roads. The amount [illegible] clusive 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
1909	7,612,411	4,920,174	64.01	321,072	6.53	4.18	382,675
1910	8,010,730	5,412,578	66.71	405,771	7.50	5.00	399,582
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	330,186	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	5,321,847	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

Source of Tables 400 and 401: Interstate Commerce Commission.

No. 402.—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	[illegible]		437,022	86,157	3,112,753
1930	22,782,889	9,128,919	3,658,575	[illegible]		349,079	64,814	3,362,720
1931	22,747,228	9,165,961	3,618,847	[illegible]		351,795	61,855	3,326,403
1932	22,831,546	9,257,589	3,603,531	[illegible]		354,884	59,315	3,402,909
Stock:								
1920	8,843,100	3,474,212	1,166,809	4,202,079	7,209,735	286,688	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	8,207,129	207,556	45,068	1,491,785
1931	10,008,413	4,300,465	1,460,703	4,247,245	8,271,977	212,548	43,930	1,479,958
1932	10,042,762	4,331,217	1,464,714	4,246,831	8,245,137	222,529	41,595	1,533,501
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	10,404,708	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
1931	12,738,815	4,865,496	2,158,144	5,715,175	10,735,198	139,247	17,925	1,846,445
1932	12,788,784	4,926,372	2,138,817	5,723,595	10,769,301	132,355	17,720	1,869,408
1932								
Common stock	8,010,129	3,659,758	1,257,962	3,092,409	6,374,039	208,435	40,372	1,387,283
Preferred stock	2,032,633	671,459	206,752	1,154,422	1,871,098	14,094	1,223	146,218
Mortgage bonds	9,995,791	3,760,168	1,697,656	4,537,967	8,147,323	124,865	14,730	1,708,873
Collateral trust bonds	759,868	374,943	167,142	217,783	705,195	1,173	417	53,083
Income bonds	346,014	23,778	14,552	307,684	324,021	2,326	1,382	18,285
Miscellaneous obligations	924,003	442,875	82,045	399,083	865,273	2,922	1,157	54,651
Equipment obligations	763,108	324,608	177,422	261,078	727,489	1,069	34	34,516

No. 403.—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
1916	17,689,425	73,795	1,002,935	5.67	195,458	594,378	286,618
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	275,348
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	275,722
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	325,983
1925	23,230,916	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	503,146
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	528,204	2.02	307,785	708,622	333,986
1932	26,086,991	106,337	325,332	1.25	226,092	701,500	97,245

[1] Prior to [illegible] proprietary companies which do n[illegible] and equipment of proprietary co[illegible] 1927, $919,095,000; 1928, $1,013,752,0[illegible] $1,121,945,000. In this column 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 402 and 403: Interstate Commerce Commission.

No. 404.—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	467,299			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		
1910	635,451	12,851,295	5,498,337	380	19.8	2.86		
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	13,926,355	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	15,859,163	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] 27.0	[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] 2.36	[1] 19.8
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	10,267,375	713	26.9	7.67	26.4	30.6
1930	515,131	15,637,774	9,856,061	711	26.6	7.56	25.8	28.7
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	393,359	10,737,306	6,879,175	635	25.6	6.33	23.2	21.2
Eastern district:								
1916–1920	244,387	6,512,690	3,059,466	738	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	6,956,068	4,125,220	818	28.1	8.92	28.6	26.4
1930	190,446	6,225,933	3,898,385	825	27.6	8.91	27.7	24.5
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	139,754	4,267,079	2,740,203	749	26.4	7.61	24.9	18.1
Southern district:								
1916–1920	113,132	2,620,391	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
1930	108,787	2,963,986	2,010,480	739	30.5	6.57	24.9	32.6
1931	94,529	2,519,092	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	83,239	2,135,073	1,435,210	708	30.2	6.05	23.6	24.7
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
1930	215,898	6,447,355	3,947,196	602	23.8	6.92	24.4	31.9
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	170,366	4,335,154	2,703,762	506	22.5	5.42	21.3	23.7

[1] Data available for Class I roads only.

[2] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 405.—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
1901	583,692	1,089,226	147,077	--------	760,414	251.98	135.03	1,118,543	.760
1902	657,847	1,200,316	157,289	--------	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	237.56	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	1,556,560	218,803	--------	953,986	251.10	141.87	1,677,614	.763
1910	1,026,492	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	1,031,207	1,844,978	264,081	--------	1,078,580	256.87	143.44	1,968,899	.744
1913	1,182,548	[1] 2,058,035	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	1,828,692	277,135	--------	1,075,962	270.69	151.55	2,037,926	.735
1916	1,317,246	2,347,390	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	2,897,436	.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	168.60	3,624,886	.987
1920	1,362,999	2,427,622	413,699	--------	1,597,133	303.52	170.41	4,420,833	1.069
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	--------	1,613,862	308.93	169.43	4,648,364	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	--------	908,296	346.63	191.45	2,485,475	1.056
Class I roads:									
1921–1925	1,135,499	2,068,262	372,216	409,740	1,581,865	327.80	179.97	4,277,134	1.149
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	249,779	275,083	1,043,438	357.37	199.92	2,491,336	.997
Eastern district:									
1921–1925	510,141	1,112,147	166,644	178,569	2,827,013	326.66	149.84	1,906,544	1.144
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	104,700	112,823	1,783,115	342.94	161.80	1,063,930	1.016
Southern district:									
1921–1925	234,018	353,728	77,047	84,282	1,756,460	329.24	217.81	749,632	.973
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	64,565	1,295,988	343.06	232.72	503,276	.854
Western district:									
1921–1925	391,340	602,387	128,525	146,889	970,062	328.42	213.36	1,620,958	1.261
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	86,145	97,695	637,217	388.32	246.80	924,130	1.073

[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. 406.—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, include 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	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	460.9	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	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	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	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	337.4	300.8	265.4	317.1	319.3	345.9	349.7	348.4	366.2	358.8	382.5	367.3	337.1
1918	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	432.0	397.2	352.4	377.4	389.5	413.9	426.1	455.3	471.7	498.6	509.8	498.1	453.4
1920	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	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	468.3	395.8	401.6	475.2	417.1	449.4	474.0	443.8	474.1	500.9	550.3	523.6	513.6
1923	523.9	502.5	446.9	535.8	523.3	548.1	541.3	536.3	564.5	546.1	587.9	532.0	494.6
1924	499.0	469.0	479.5	505.4	475.2	477.5	465.7	481.8	508.5	541.0	572.9	505.9	505.2
1925	515.6	485.0	455.2	486.7	473.7	489.0	507.0	522.5	555.5	565.6	591.5	533.0	524.1
1926	538.8	481.4	460.8	531.5	500.5	518.0	541.4	557.9	580.3	591.2	610.4	562.3	527.7
1927	517.6	487.6	469.6	531.6	498.9	519.6	517.5	509.7	557.8	565.5	581.0	504.3	467.7
1928	515.7	458.2	456.8	506.1	475.1	511.5	503.2	513.7	555.8	556.9	618.8	532.1	496.8
1929	529.9	487.5	476.2	517.6	514.7	538.6	532.6	558.4	587.3	567.4	609.4	499.8	469.4
1930	445.3	451.5	428.1	453.0	451.2	463.3	445.0	457.1	466.4	467.5	483.5	398.8	378.0
1931	353.0	366.0	336.7	376.2	369.8	369.0	369.8	377.0	364.4	350.3	363.2	305.4	288.6
1932	263.5	275.3	267.3	290.0	267.8	254.7	246.2	237.8	252.1	272.5	298.5	253.6	246.1
1933	261.2	229.2	214.7	220.7	227.6	258.4	281.8	297.6	301.0	295.9	298.1	260.8	248.3
FREIGHT REVENUE (millions of dollars)													
1917	236.1	211.7	185.1	227.3	227.9	251.9	247.3	241.6	250.3	242.2	271.4	254.7	221.7
1918	288.2	188.8	198.6	259.9	264.5	263.3	263.8	328.4	350.9	342.1	365.4	322.6	309.7
1919	296.3	278.4	242.3	266.0	265.7	286.7	284.3	306.5	313.8	346.7	368.5	303.5	303.7
1920	360.6	311.6	299.2	324.6	268.8	314.1	340.3	356.1	369.6	438.9	480.4	436.9	386.6
1921	327.2	324.9	284.2	320.8	304.8	313.1	322.2	314.8	353.8	354.8	402.0	342.4	288.7
1922	334.1	277.1	294.6	354.3	288.9	319.6	331.9	299.6	326.5	355.9	406.4	389.9	364.2
1923	385.5	367.0	326.8	398.8	386.3	405.5	387.3	379.3	402.1	390.9	441.5	395.9	344.1
1924	362.4	333.4	352.7	371.7	342.9	344.8	323.4	340.1	358.5	399.2	439.0	381.0	362.2
1925	379.4	350.8	336.9	360.8	347.2	359.4	366.1	377.5	403.4	419.7	450.6	402.5	379.5
1926	401.7	347.8	340.8	402.0	370.6	385.5	397.8	409.5	429.6	445.0	472.4	433.5	384.9
1927	387.5	358.1	354.1	406.6	371.6	391.3	382.2	370.1	415.3	426.9	452.9	386.0	334.9
1928	391.4	338.0	346.3	388.4	356.6	391.7	370.8	382.2	421.8	424.1	493.1	415.9	368.1
1929	402.6	367.2	363.8	393.9	393.7	412.8	391.1	417.1	446.6	435.5	483.6	384.5	341.2
1930	340.2	338.2	327.2	345.4	345.8	354.4	331.6	347.3	354.7	363.4	385.7	311.0	280.9
1931	271.4	277.1	257.5	291.3	283.7	283.1	281.3	290.2	280.0	270.2	289.2	238.5	214.5
1932	204.4	208.5	205.4	225.0	208.8	194.3	185.9	179.9	195.0	214.6	244.1	203.1	188.2
1933	207.9	179.3	169.3	175.4	181.1	207.6	223.4	240.3	241.4	235.6	239.7	210.0	191.8
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
FREIGHT TON-MILES (millions) [1]													
1919	32,814	30,356	25,630	28,813	28,593	32,276	31,881	34,916	36,416	38,678	40,361	32,497	33,353
1920	37,445	34,964	32,958	37,865	28,592	37,892	38,246	40,449	42,734	40,998	42,570	37,349	34,726
1921	34,478	29,784	24,915	26,316	25,591	28,220	28,146	28,402	30,420	30,864	36,672	29,222	35,723
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	36,332	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	38,069	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	36,301	34,900	36,573	34,417	35,596	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	22,923	19,987	19,118	19,351	19,831	21,732	23,712	26,460	26,468	26,130	26,412	23,936	22,001

[1] Exclusive of switching and terminal companies.

Source: Interstate Commerce Commission.

No. 407.—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	33,768	33.14	587,501	3,264,399	672,792	1.32	1.99	54
1916–1920	1,152,566	42,548	36.92	560,364	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
1905	738,835	23,800	32.21	459,827	----------	472,695	1.16	1.96	48
1906	797,946	25,167	31.54	479,038	----------	510,033	1.20	2.00	49
1907	873,905	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] 695,988	[2] 1.36	[2] 2.01	[2] 55
1914	1,063,249	35,357	33.25	605,212	3,399,604	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	3,409,639	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	37,700	35.53	568,242	3,503,514	1,166,252	[1] 2.51	3.09	[1] 67
1922	989,509	35,811	36.19	563,919	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	950,459	36,368	38.26	579,384	3,676,746	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
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	36,556	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
1930	703,598	26,815	38.11	538,709	3,680,136	728,488	1.85	2.72	49
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	432,950	16,345	37.75	384,938	2,565,986	329,012	-------	2.01	42
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
1930	520,656	15,372	29.52	226,884	1,619,038	403,757	2.32	2.63	67
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	317,219	9,500	29.95	166,690	1,143,536	197,216	-------	2.08	57
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	132,664	1.78	3.23	42
1930	63,990	3,061	47.83	92,426	587,308	93,914	1.42	3.07	33
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	43,441	2,020	46.50	66,679	428,015	38,851	-------	1.92	30
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	296,764	1.83	2.90	44
1930	118,952	8,382	70.47	219,399	1,473,790	230,817	1.55	2.75	38
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	72,290	4,825	66.74	151,569	994,435	92,945	-------	1.93	32

[1] Data available for Class I only.

[2] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 408.—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 409. Switching and terminal cor[illegible] beginning with 1908; operating revenues of switching and terminal companies, 1[illegible] $51,734,000; operating expenses, 1931, $56,017,000; 1932, $40,997,000. For certain [illegible] dividual 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	186,001	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	4,870,468	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
1902	200,155	1,726,380	1,116,249	610,131	50,054	560,077	8,625	3,048	64.66
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	2,325,765	1,536,877	788,888	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	256,214	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	1,058,506	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	5,250,420	4,498,817	751,603	239,136	454,132	20,354	2,914	85.68
1920	259,026	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	4,999,383	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	1,136,728	24,152	6,238	74.17
1926	258,285	6,508,679	4,766,235	1,742,444	396,538	1,229,020	25,199	6,746	73.23
1927	258,877	6,245,716	4,662,521	1,583,195	383,112	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
Class I roads:									
1916–1920	232,974	4,763,039	3,879,220	883,819	219,774	616,987	20,445	3,794	81.44
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	230,703	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	240,744	3,095,446	2,249,319	846,127	249,540	474,369	12,858	3,515	72.67
Eastern district:									
1921–1925	58,947	2,668,020	2,125,217	542,803	128,138	364,374	45,261	9,208	79.66
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	59,455	1,389,133	1,006,546	382,587	104,463	213,763	23,364	6,435	72.46
Southern district:									
1921–1925	43,865	992,307	762,100	230,207	54,088	170,826	22,622	5,248	76.80
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	45,720	583,063	399,750	183,313	47,209	127,806	12,753	4,009	68.56
Western district:									
1921–1925	132,490	2,221,528	1,696,108	525,421	139,310	348,399	16,767	3,966	76.35
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	135,569	1,123,250	843,023	280,227	97,868	132,800	8,285	2,067	75.05

[1] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 409.—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)	1930	1931	1932	1933 [1]
Revenues	4,783,039	5,881,856	6,038,339	5,281,197	4,188,343	3,126,760	3,095,448
Freight	3,336,480	4,277,134	4,600,341	4,075,698	3,243,753	2,446,864	2,492,735
Passenger	1,005,690	1,100,603	903,748	728,488	550,250	376,539	329,342
Mail	76,508	94,900	111,887	111,450	105,423	97,162	91,871
Express	118,933	137,886	139,570	114,664	82,775	53,983	45,640
All other transportation	92,041	129,878	136,665	118,945	98,718	77,905	71,803
All other	133,387	141,455	146,128	131,952	102,424	74,307	64,055
Expenses	3,879,220	4,583,425	4,421,699	3,930,929	3,223,575	2,403,445	2,249,319
Maintenance, way, etc	663,681	781,577	826,826	705,471	530,613	351,179	322,335
Maintenance, equipment	1,040,185	1,297,802	1,178,252	1,019,265	816,954	618,941	598,704
Traffic	59,749	93,919	123,608	127,834	117,218	96,223	85,824
Transportation	1,947,814	2,194,358	2,054,865	1,841,728	1,538,469	1,154,318	1,078,006
All other	167,791	215,769	238,148	236,631	220,321	182,784	164,450
Net revenue from railway operations	883,819	1,298,431	1,616,640	1,350,268	964,768	723,315	846,127
Deduct—							
Tax accruals	219,774	321,536	379,941	348,554	303,528	275,135	249,540
Uncollectible revenues	868	1,895	1,427	1,049	891	1,027	1,208
Equipment rents	25,647	67,659	91,786	99,756	99,193	85,102	85,030
Joint facility rents	20,543	23,742	28,583	32,030	35,528	35,753	35,980
Net railway operating income	616,987	883,599	1,114,903	868,879	525,628	326,298	474,369

Item	Eastern district			Southern district			Western district		
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933 [1]
Revenues	1,868,461	1,416,801	1,389,133	739,244	558,408	583,063	1,580,638	1,151,551	1,123,250
Freight	1,368,022	1,046,141	1,062,290	619,351	473,963	503,273	1,261,380	926,760	927,172
Passenger	316,875	224,843	197,409	66,331	42,840	38,851	167,044	108,856	93,082
Mail	40,847	38,453	35,930	17,609	16,358	15,787	46,967	42,351	40,154
Express	37,083	23,522	19,807	13,070	9,031	8,691	32,622	21,430	17,082
All other transportation	54,798	44,737	39,578	8,961	6,367	6,458	34,959	26,801	25,767
All other	50,836	39,105	34,059	13,922	9,849	10,003	37,666	25,353	19,993
Expenses	1,466,842	1,076,555	1,008,545	564,660	417,791	399,751	1,192,073	909,099	843,023
Maintenance, way, etc	222,225	139,710	129,428	103,173	68,939	63,062	205,215	142,530	129,845
Maintenance, equipment	375,614	280,875	270,474	149,769	112,776	113,061	291,571	225,290	215,169
Traffic	45,625	36,635	32,033	21,705	17,749	16,241	49,888	41,839	37,550
Transportation	725,410	539,537	501,470	254,306	188,734	180,572	558,753	426,047	395,964
All other	97,968	79,798	73,140	35,707	29,593	26,815	86,646	73,393	64,495
Net revenue from railway operations	401,619	340,246	382,588	174,584	140,617	183,312	388,565	242,452	280,227
Deduct—									
Tax accruals	125,331	116,867	104,463	56,931	50,305	47,209	121,266	107,963	97,868
Uncollectible revenues	335	438	520	182	181	163	374	408	525
Equipment rents	50,613	43,432	44,034	4,185	3,225	4,214	44,395	38,445	36,782
Joint facility rents	19,348	19,813	19,808	3,345	3,680	3,920	12,835	12,260	12,252
Net railway operating income	205,992	159,696	213,763	109,941	83,226	127,806	209,695	83,376	132,800

[1] Water line transportation apportioned to the several accounts; included in "All other" in prior years.

Source: Interstate Commerce Commission.

No. 410.—TAXES AND SPECIAL ASSESSMENTS OF CLASS I CARRIERS, BY STATES

NOTE. Data were Class panies, $12,517,630; grand total $292,709,232.

State	Amount (thousands of dollars)						Per mile of line (dollars)			
	1918	1920	1925	1930	1931	1932	1920	1930	1931	1932
Total	162,475	282,751	359,370	349,207	303,504	275,557	1,282	1,519	1,320	1,205
United States Government taxes	12,531	50,543	87,680	40,986	10,404	12,448	226	178	45	54
New England:										
Maine	1,026	1,725	1,977	1,908	1,821	1,402	831	963	919	708
New Hampshire	746	1,005	1,042	1,125	1,126	1,005	827	990	991	910
Vermont	491	451	453	407	481	502	608	540	643	672
Massachusetts	2,575	3,339	3,920	4,709	4,517	4,114	1,616	2,369	2,282	2,076
Rhode Island	397	585	604	687	715	708	2,996	3,933	4,016	3,741
Connecticut	1,114	1,975	2,058	1,672	1,396	1,024	1,977	1,737	1,443	1,057
Middle Atlantic:										
New York	11,724	17,861	22,613	27,378	27,854	27,616	2,271	3,491	3,550	3,522
New Jersey	7,656	11,189	17,355	20,442	20,965	21,134	5,292	9,951	10,256	10,321
Pennsylvania	9,957	9,342	11,134	12,440	12,001	9,540	945	1,235	1,188	941
South Atlantic:										
Delaware	153	165	182	166	165	162	493	567	565	554
Dist. of Columbia	64	79	126	144	155	156	2,291	4,178	4,481	4,515	
	1,211	2,004	1,352	2,076	1,948	1,900	1,591	1,829	1,722	1,680
	3,012	4,695	5,614	7,318	6,838	5,896	1,129	1,759	1,633	1,414
	2,355	3,879	6,046	8,109	8,302	7,920	1,195	2,193	2,280	2,185
	1,706	2,129	4,748	5,392	5,019	4,361	552	1,399	1,308	1,166
	1,091	1,951	2,840	3,489	3,078	2,520	623	1,106	976	804
Georgia	1,957	2,481	3,310	3,966	3,694	3,099	455	719	669	563
Florida	1,572	2,167	3,888	4,964	4,372	3,018	542	965	852	596
East North Central:										
Ohio	10,618	16,841	18,518	19,928	18,619	16,889	2,048	2,334	2,190	1,997
Indiana	5,803	9,422	11,627	13,852	12,470	8,937	1,328	2,011	1,814	1,311
Illinois	9,049	16,422	21,576	22,084	21,178	20,367	1,421	1,827	1,756	1,697
Michigan	4,220	7,579	7,656	10,816	9,727	8,298	1,083	1,469	1,329	1,164
Wisconsin	4,968	6,876	7,295	7,201	6,877	6,393	995	1,084	994	927
West North Central:										
Minnesota	6,445	9,753	7,965	6,778	4,850	3,425	1,151	823	589	416
Iowa	3,871	7,855	6,842	8,026	7,025	5,973	808	881	728	623
Missouri	2,258	3,359	3,716	4,284	3,776	3,739	457	566	494	505
North Dakota	2,289	4,997	4,290	4,110	4,169	3,230	969	799	809	628
South Dakota	1,635	3,718	3,161	2,696	2,554	2,396	900	644	613	575
Nebraska	2,704	4,159	4,747	4,622	4,349	4,086	677	749	705	663
Kansas	4,108	6,188	6,670	8,871	8,577	7,253	688	968	937	793
East South Central:										
Kentucky	2,018	2,184	4,246	5,373	5,049	4,447	624	1,411	1,335	1,200
Tennessee	1,718	2,584	3,107	3,629	3,182	2,463	702	1,002	879	684
Alabama	1,751	2,548	2,687	3,681	3,610	3,044	560	797	782	662
Mississippi	1,916	3,612	5,064	5,047	3,469	3,586	942	1,322	912	944
West South Central:										
Louisiana	2,235	3,788	4,578	5,098	4,948	4,494	971	1,280	1,244	1,131
Texas	4,656	5,098	6,514	7,614	7,697	6,417	364	494	495	418
Oklahoma	3,653	5,463	5,682	6,468	6,515	5,720	864	994	996	875
Arkansas	2,248	3,912	2,663	3,025	3,087	2,807	948	690	705	644
Mountain:										
Montana	2,781	4,284	4,728	5,178	5,146	4,879	871	1,016	1,014	962
Wyoming	901	1,213	1,659	1,970	2,049	1,981	686	1,071	1,114	1,077
Colorado	2,451	3,344	3,719	4,271	4,136	3,495	729	972	943	798
New Mexico	1,179	2,467	2,212	2,785	2,729	2,570	915	993	957	906
Arizona	1,341	1,572	2,485	3,100	3,283	3,253	776	1,403	1,495	1,494
Utah	1,123	1,856	2,161	2,404	2,412	2,391	907	1,142	1,164	1,160
Nevada	1,028	1,543	1,762	1,970	2,198	2,182	942	1,163	1,280	1,275
Idaho	1,475	3,844	2,872	3,244	3,270	3,140	1,500	1,219	1,229	1,188
Pacific:										
Washington	4,064	8,795	6,647	7,430	6,596	6,336	1,698	1,480	1,309	1,264
Oregon	1,492	2,722	2,736	3,064	2,858	2,436	1,060	1,119	1,044	886
California	5,142	7,187	12,863	13,210	12,248	10,355	1,071	1,842	1,685	1,400

Source: Interstate Commerce Commission.

No. 411.—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 per cent. 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	73,864	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] 1,203,367	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	489,344	222,810	100,766	251,864	53,202
1921	940,183	114,069	24,263	376,220	135,050	76,419	172,169	41,992
1922	1,023,745	111,787	26,430	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	116,587	27,747	414,499	223,083	103,094	256,737	40,549
1925	1,247,242	109,313	26,324	424,403	253,933	107,391	285,291	40,587
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	1,339,091	115,343	24,907	459,397	278,482	94,855	330,064	36,043
1930	1,153,197	110,729	23,129	407,937	234,600	69,370	277,705	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
Eastern district:								
1931	386,210	19,298	5,310	181,337	47,069	5,360	116,343	11,493
1932	280,549	17,656	4,392	147,966	27,426	3,225	78,250	7,634
1933	305,305	16,518	4,400	158,446	27,319	3,234	88,245	7,143
Southern district:								
1931	211,007	12,048	1,474	123,357	29,147	13,854	26,449	4,678
1932	160,646	9,742	1,215	103,218	16,211	8,893	18,076	3,291
1933	171,791	9,926	1,274	110,074	16,296	10,899	20,156	3,166
Western district:								
1931	296,969	66,141	114,848	34,842	86,151	23,811	64,574	6,602
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
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	826,912	349,783	193,436	466,202	93,550
1921–1925	2,068,202	221,961	46,065	757,498	316,014	192,256	465,097	66,371
1926–1930	2,341,062	221,019	45,054	852,777	395,987	179,554	584,457	62,214
1927	2,363,639	221,384	46,696	871,713	400,591	192,774	564,643	55,838
1928	2,361,623	225,550	45,724	838,085	396,400	187,347	605,256	63,261
1929	2,451,601	223,264	44,729	878,014	418,797	182,177	642,191	62,430
1930	2,063,078	210,971	41,097	749,218	349,424	130,684	530,368	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
Eastern district:								
1931	815,595	56,690	16,282	395,043	85,611	21,772	218,816	21,381
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
Southern district:								
1931	308,709	27,738	3,342	152,513	39,789	22,826	53,808	8,693
1932	231,583	21,396	2,850	127,547	22,094	14,525	36,753	6,418
1933	253,681	22,920	3,013	138,670	23,186	17,428	42,056	6,408
Western district:								
1931	480,730	103,364	19,925	65,852	112,534	39,400	129,004	10,651
1932	331,776	83,267	16,815	57,368	50,495	23,794	92,829	7,208
1933	355,051	82,884	16,382	53,732	67,668	30,289	97,284	6,812

[1] Includes some undistributed freight. [2] Excluding Class III. [3] Including receipts from connecting lines.

Source: Interstate Commerce Commission.

No. 412.—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, 1933 (thousands of tons of 2,000 pounds)		
	All districts								1933					
	1920	1925	1928	1929	1930	1931	1932	1933	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	1,285,943	1,339,091	1,153,197	894,186	646,223	698,943	305,305	171,791	221,847	650,091	253,681	355,051
Grand total, carload traffic	1,202,219	1,208,655	1,248,989	1,303,048	1,123,530	871,412	630,989	684,592	298,162	168,625	217,805	636,031	247,273	348,239
Products of agriculture, total	110,840	109,313	118,022	111,343	110,728	97,487	80,917	81,702	16,518	9,926	55,258	44,959	22,920	82,884
Wheat	23,131	21,548	25,950	27,019	25,466	26,228	19,120	16,501	2,459	593	13,449	3,548	1,624	16,123
Corn	12,689	12,680	17,045	15,258	13,986	10,728	9,544	12,310	2,911	1,511	7,888	5,123	2,403	10,483
Oats	8,615	8,450	5,888	5,713	5,184	3,969	3,400	3,353	861	449	2,043	1,960	809	2,725
Other grain	5,669	4,564	5,506	4,477	4,045	2,924	2,229	2,995	201	67	2,727	467	208	3,515
Flour and meal	10,952	9,901	10,753	10,627	10,546	10,067	9,319	8,997	2,419	798	5,780	7,606	2,717	8,311
Cereal foods and other mill products	8,891	9,578	10,581	10,820	10,610	8,783	6,629	6,779	2,466	711	3,602	5,956	1,725	5,326
Hay, straw, and alfalfa	7,957	5,506	3,999	3,697	3,494	2,174	1,569	1,476	658	68	750	1,306	366	1,007
Leaf tobacco [1]	1,081	1,138	945	389	1,008	816	642	680	65	598	17	171	990	22
Cotton	3,379	4,127	3,773	3,940	3,032	2,432	2,777	3,374	60	1,133	2,181	749	2,441	3,485
Cottonseed and products, except oil	4,573	5,849	4,984	5,076	5,065	3,608	3,146	2,483	30	1,104	1,349	398	1,576	2,044
Citrus fruits	1,404	1,363	1,543	2,355	1,734	2,378	1,965	1,823	54	707	1,062	2,042	2,078	3,715
Other fresh fruits	5,271	5,910	6,401	5,690	5,919	5,175	4,068	3,416	614	755	2,047	3,306	1,877	5,325
Potatoes, except sweet [2]	4,118	4,614	4,511	4,425	4,332	4,114	3,418	3,466	1,405	293	1,768	5,127	1,072	4,252
Other fresh vegetables	2,205	2,828	3,124	3,222	3,262	2,927	2,575	2,449	477	519	1,453	2,920	1,572	4,925
Dried fruits and vegetables	1,165	1,533	1,878	1,609	1,674	1,426	1,258	1,239	395	57	787	1,062	255	1,728
Sugar beets	9,741	9,824	5,260	5,348	6,246	5,573	5,503	6,641	300		6,341	377		6,949
Other products of agriculture			4,881	5,077	5,125	4,165	3,755	3,720	1,143	563	2,014	2,841	1,207	2,949
Animals and products, total	26,595	26,324	25,634	24,907	23,129	21,632	18,055	17,651	4,400	1,274	11,977	15,112	3,013	16,382
Horses and mules	936	544	577	553	440	315	230	281	18	37	226	73	128	348
Cattle and calves	9,809	9,330	7,977	7,310	6,785	6,097	4,896	4,497	636	251	3,610	1,466	333	4,946
Sheep and goats	1,344	1,224	1,361	1,387	1,385	1,343	1,085	1,008	142	52	814	394	67	1,411
Hogs	5,421	5,502	5,871	5,534	4,902	4,501	3,884	3,608	815	217	2,576	1,755	292	3,128

[1] Includes refuse, stems, etc., prior to 1928.

[2] "Potatoes" prior to 1928.

No. 412.—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, 1933 (thousands of tons of 2,000 pounds)		
	All districts								1933					
	1920	1925	1928	1929	1930	1931	1932	1933	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Animals and products—Continued														
Fresh meats	2,770	2,904	2,935	3,007	2,928	2,933	2,724	2,951	799	269	1,883	4,057	767	2,172
Other packing-house products	2,206	2,139	2,203	2,274	1,970	1,833	1,632	1,585	613	207	765	1,764	818	1,248
Poultry	264	357	406	417	419	416	382	402	74	38	290	731	56	402
Eggs	536	591	635	588	612	582	424	422	63	28	331	722	68	515
Butter and cheese	425	686	754	793	807	768	735	756	125	29	602	1,247	131	790
Wool	293	263	394	414	354	388	271	336	166	11	159	554	45	288
Hides and leather	1,051	1,026	915	913	847	782	655	734	388	73	273	1,157	162	440
Other animals and products	1,540	1,758	1,606	1,717	1,680	1,674	1,137	1,071	561	62	448	1,192	146	694
Products of mines, total	712,154	678,336	696,583	737,879	642,537	501,903	362,226	395,065	185,765	126,370	82,930	396,166	161,856	121,400
Anthracite	78,100	58,260	69,997	71,931	71,252	65,673	55,681	56,467	56,199	92	176	84,909	162	464
Bituminous coal	389,349	346,346	346,057	368,339	322,150	263,991	218,197	230,837	95,602	108,895	26,340	241,886	136,714	51,075
Coke	26,895	19,798	16,241	19,127	14,536	9,872	7,346	9,173	6,644	1,087	1,442	10,248	1,794	2,192
Iron ore	84,433	72,134	68,684	82,123	59,980	31,073	5,440	26,526	1,108	1,025	24,393	17,277	1,573	24,942
Copper ore and concentrates	21,550	12,289	5,916	7,057	4,525	3,903	1,658	1,545	2	3	1,540	40	48	1,734
Other ores and concentrates			5,922	7,714	6,957	4,664	2,599	2,803	1,044	226	1,533	2,372	543	2,821
Gravel, sand, and stone [3]	98,720	145,405	128,304	121,559	112,196	84,058	47,138	36,706	11,509	8,690	16,507	15,073	11,077	20,988
Crude petroleum	6,435	11,245	7,633	6,630	6,598	7,448	2,803	4,702	481	69	4,152	603	138	6,237
Asphaltum	1,424	2,531	2,899	3,196	2,925	2,746	2,583	2,407	1,617	370	420	2,699	661	911
Salt	3,250	3,403	3,341	3,183	2,952	2,834	2,576	2,728	1,246	31	1,451	3,272	974	3,045
Phosphate rock, crude	6,997	6,925	4,801	5,165	5,712	3,930	2,891	3,817	29	3,764	24	126	4,184	42
Sulphur			1,811	2,253	1,934	1,259	961	1,590	158	43	1,389	332	183	1,964
Other products of mines [3]			34,977	39,602	30,820	20,452	12,353	15,764	10,126	2,075	3,563	17,329	3,805	4,985
Products of forests, total	100,736	107,391	96,737	94,855	69,371	43,024	26,109	33,165	3,234	10,899	19,032	14,480	17,428	30,289
Logs, posts, poles, piling, and cordwood	38,571	45,428	39,541	39,611	28,451	14,792	7,781	11,245	368	2,151	8,726	991	2,503	9,940
Ties	5,472	4,292	4,240	4,024	3,522	1,527	958	1,174	204	430	540	510	548	711
Pulp wood	4,992	5,826	6,893	6,781	6,524	4,797	3,309	4,142	649	1,423	2,070	1,323	1,903	2,667
Lumber, shingles, lath, cooperage materials, veneer, etc	48,618	49,019	42,776	40,937	27,800	19,497	12,418	14,491	1,253	5,902	7,336	9,528	11,017	16,377
Other forest products	3,112	2,826	3,287	3,502	3,074	2,411	1,643	2,113	760	993	360	2,128	1,457	594

Manufactures and miscellaneous, total	251,864	285,291	312,013	330,064	277,765	207,366	143,682	157,009	88,245	20,156	48,608	165,314	42,056	97,284
Refined petroleum and its products	29,616	46,273	58,480	64,240	62,901	55,615	46,707	45,464	17,829	5,225	22,410	30,556	10,731	43,874
Vegetable oils	938	1,446	1,561	1,733	1,602	1,428	1,333	1,314	297	355	662	1,047	749	1,256
Sugar, sirup, glucose, and molasses	5,664	5,700	5,605	5,858	5,659	5,142	4,286	4,779	1,396	618	2,765	2,633	1,701	5,029
Iron, pig [4]	16,451	14,577	8,033	8,000	5,140	3,139	1,424	2,689	1,890	586	213	2,848	334	491
Scrap iron and steel	(5)	(5)	11,746	13,527	9,901	6,032	3,444	5,993	4,699	554	740	6,966	1,006	1,002
Iron and steel (6th class, n. o. s.)	(5)	(5)	5,130	5,746	3,680	2,081	1,298	2,313	2,266	24	23	2,829	107	59
Rails, fastenings, frogs, and switches [6]	3,047	2,646	2,551	2,658	1,778	1,063	419	521	410	56	55	597	143	142
Iron and steel pipes and fittings [7]	27,443	29,144	6,945	7,670	6,442	4,101	1,789	1,955	1,356	261	338	2,694	583	1,380
Iron and steel (5th class, n. o. s.) [7]			33,386	37,427	26,745	16,877	9,386	13,475	12,079	569	827	19,629	1,450	3,516
Iron and steel nails and wire	(5)	(5)	1,667	1,873	1,372	1,015	669	1,040	748	86	206	1,418	233	468
Copper: Ingot, matte, and pig	5,170	5,419	999	1,108	665	352	162	215	99	3	113	355	8	387
Lead and zinc: Ingot, pig, or bar			1,218	1,338	1,124	908	592	723	322	11	390	919	88	850
Other metals: pig, bar, sheet, etc			431	525	379	306	118	181	84	4	93	240	25	157
Machinery and boilers [8]	9,391	5,359	3,772	3,931	3,072	1,943	1,072	1,122	809	76	237	1,708	326	658
Cement	15,400	24,516	26,080	25,008	23,180	18,392	11,201	9,509	4,156	1,332	4,021	8,580	2,541	6,150
Brick and artificial stone	15,251	19,668	19,019	17,216	12,595	7,723	3,574	3,516	2,029	744	743	3,606	1,153	1,339
Lime and plaster	4,410	6,830	5,300	4,803	3,452	2,600	1,690	1,681	973	252	456	1,830	616	1,014
Sewer pipe and drain tile	2,165	2,426	2,556	2,708	1,946	1,197	624	537	313	100	124	668	179	212
Agricultural implements and vehicles other than automobiles [9]	3,324	2,281	1,903	2,136	1,657	766	304	353	115	45	193	240	127	384
Automobiles, autotrucks, parts, tires, etc	3,427	6,980	8,752	10,423	6,624	4,286	2,317	3,144	2,580	156	408	5,025	816	1,765
Furniture	743	970	1,063	1,102	733	564	353	393	126	138	129	541	330	306
Beverages	1,240	841	813	774	893	654	351	1,170	315	67	788	817	237	1,291
Ice	5,795	4,928	3,922	3,310	2,578	2,262	1,464	1,054	437	99	518	510	104	536
Fertilizers	9,204	8,463	12,859	13,276	12,302	8,524	5,025	5,187	1,617	2,629	941	2,894	4,124	2,034
Printing paper [10]	3,144	3,328	3,303	3,480	3,399	2,953	2,397	2,380	1,694	161	525	5,912	452	1,656
Chemicals and explosives [11]	8,348	9,579	2,979	3,213	2,672	2,152	1,579	1,868	936	472	460	1,548	859	663
Textiles	805	966	937	941	710	613	493	581	124	352	105	502	761	284
Canned food products	3,074	4,144	4,805	5,029	4,751	3,954	3,167	3,308	1,417	233	1,658	3,980	649	3,258
Furnace slag	77,814	78,807	8,784	9,835	11,000	4,401	2,105	2,016	1,512	469	35	1,696	778	45
Paper board, pulpboard, and wall board (paper)			2,317	2,511	2,241	2,037	1,581	1,874	1,008	489	377	2,390	895	778
Building paper and prepared roofing materials			2,035	2,325	1,687	1,234	1,102	1,119	712	107	300	1,390	387	595
Other manufactures and miscellaneous			63,062	66,338	54,885	43,022	31,656	35,535	23,897	3,883	7,755	48,746	9,064	15,705
Merchandise—all l. c. l. freight	53,202	40,587	36,954	36,043	29,667	22,774	15,234	14,351	7,143	3,166	4,042	14,060	6,408	6,812

[3] "Gravel, sand, and stone" includes clay prior to 1928 which is reported with "Other products of mines" in 1928 and thereafter.
[4] Includes bloom prior to 1928.
[5] Not reported separately.
[6] "Rails and fastenings" prior to 1928.
[7] "Bar, sheet, and structural iron and pipe" prior to 1928.
[8] Includes castings prior to 1928.
[9] Includes railway car wheels, axles, and trucks prior to 1928.
[10] "Paper, printed matter, and books" prior to 1928.
[11] Data beginning 1928 not comparable with prior years.

Source: Interstate Commerce Commission.

No. 413.—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, 922,996; 1928, 992,113

Month	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
	Total, all commodities					Grain and grain products				
Year	1,015,922	882,269	714,447	541,922	556,941	46,081	43,565	38,931	31,796	31,815
January	892,864	849,310	718,303	566,693	477,624	45,524	40,282	40,682	31,010	26,617
February	941,534	876,725	708,530	560,805	489,495	47,165	43,889	41,162	34,250	25,315
March	963,187	878,933	734,232	570,209	460,300	42,642	38,982	38,333	28,891	25,963
April	997,286	904,740	751,573	554,827	500,949	35,978	39,126	37,519	30,827	35,460
May	1,036,480	918,690	739,696	522,022	531,960	37,973	37,646	35,834	29,220	36,986
June	1,072,970	929,746	747,988	491,622	566,345	44,610	41,519	35,007	25,334	36,652
July	1,040,020	888,902	738,472	484,197	621,763	61,710	58,326	54,647	36,963	44,944
August	1,120,141	934,366	747,627	516,200	625,678	63,222	60,788	44,348	38,543	29,600
September	1,135,572	931,422	727,068	573,474	640,910	49,866	47,293	37,247	37,561	31,160
October	1,169,853	950,270	762,632	633,512	651,410	46,437	41,597	38,515	33,527	29,768
November	978,031	797,836	654,827	547,482	591,524	38,415	36,487	36,202	27,809	30,879
December	834,584	695,396	554,957	496,656	513,090	39,444	35,587	27,145	26,458	25,892
	Livestock					Coal				
Year	27,292	24,714	22,347	18,256	17,041	174,909	152,443	124,869	102,672	107,999
January	29,486	27,229	25,613	22,070	17,218	202,422	196,455	157,380	115,176	107,125
February	26,420	25,183	22,011	19,034	15,420	211,006	166,026	137,136	114,953	123,073
March	24,221	23,056	19,827	16,532	13,037	156,504	137,296	130,954	121,254	91,377
April	26,720	24,102	21,779	18,699	16,466	146,057	132,818	116,075	92,291	79,464
May	25,672	23,444	20,407	17,146	16,587	154,706	138,261	113,882	74,626	79,508
June	23,577	21,598	18,621	14,912	15,479	155,056	135,256	110,620	66,698	90,549
July	23,008	20,074	18,098	14,381	15,021	146,522	130,606	110,307	72,259	112,105
August	24,271	21,108	21,731	16,871	16,616	168,475	145,740	118,660	84,616	123,468
September	30,921	26,959	24,091	20,750	20,253	187,934	151,277	124,251	108,834	125,026
October	37,284	32,277	29,014	23,699	23,205	203,957	174,528	145,437	136,577	124,970
November	31,383	26,860	25,902	19,012	20,462	185,597	158,748	121,376	122,823	125,546
December	25,448	23,389	20,958	16,608	15,068	189,261	151,001	115,413	125,027	114,052
	Coke					Ore				
Year	12,201	9,382	6,245	4,303	5,684	43,876	31,955	16,821	4,046	13,467
January	12,071	11,346	8,998	5,656	5,159	8,910	8,268	5,206	2,949	1,838
February	13,392	11,399	8,744	6,234	6,226	9,244	8,641	5,567	2,699	1,841
March	12,834	9,982	7,899	6,090	4,498	11,423	9,103	5,830	2,647	1,971
April	12,066	10,020	7,007	3,830	3,396	27,670	12,701	7,993	3,424	3,214
May	12,508	9,674	6,486	3,136	3,811	71,454	50,951	17,320	2,583	7,697
June	12,306	9,463	5,488	2,887	4,894	76,481	62,528	29,789	3,547	11,072
July	11,874	8,438	4,813	2,573	6,596	76,359	61,250	34,859	6,030	22,054
August	11,971	8,312	4,555	2,712	6,650	75,762	56,956	35,000	7,111	34,243
September	11,904	8,203	4,783	3,669	6,953	68,650	48,780	30,270	6,065	36,780
October	12,172	8,876	5,562	4,890	6,665	60,041	37,824	20,372	6,521	27,770
November	11,610	8,047	5,318	4,751	6,418	29,216	14,295	6,273	2,951	7,436
December	11,668	8,549	5,758	5,597	6,707	8,219	5,620	3,505	1,748	2,916
	Forest products					Miscellaneous and L. C. L.				
Year	62,469	45,564	28,296	17,292	20,877	649,094	574,646	476,938	363,558	360,058
January	54,240	46,173	33,115	18,358	13,696	540,211	519,557	447,308	371,474	305,971
February	60,224	57,704	34,586	19,266	13,674	574,084	563,884	459,322	364,370	303,946
March	67,013	58,076	34,390	20,018	14,639	648,551	602,438	497,010	374,778	308,816
April	69,596	57,436	32,836	19,707	17,234	679,199	628,528	528,363	386,048	345,716
May	68,636	52,941	32,912	18,695	20,797	665,531	605,772	512,854	376,617	366,514
June	70,306	49,657	31,203	16,810	25,097	690,634	609,725	517,260	361,434	382,602
July	61,312	39,956	26,641	14,555	26,781	659,234	570,154	489,107	337,436	394,261
August	68,761	41,421	27,588	15,490	27,168	707,679	600,041	495,746	350,856	387,933
September	62,963	40,391	26,053	17,552	24,693	723,335	608,519	480,373	379,044	396,046
October	63,622	39,367	24,482	18,849	24,427	746,340	616,007	499,251	409,450	414,606
November	55,075	33,970	21,822	16,051	23,375	626,736	519,428	437,936	354,087	377,408
December	45,485	30,263	16,986	13,196	18,113	514,558	440,988	365,190	308,023	330,342

Source: American Railway Association.

No. 414.—STEAM RAILWAY ACCIDENTS, BY CAUSES

NOTE.—See headnote to Table 415

Cause of accident	Killed					Injured				
	1921-1925, average	1926-1930, average	1931	1932	1933	1921-1925, average	1926-1930, average	1931	1932	1933
All accidents	6,618	6,480	5,099	4,747	5,019	141,688	89,404	35,656	29,219	27,494
Train accidents	394	308	229	183	218	4,409	2,985	1,208	997	1,365
Passengers	72	30	4	1	23	2,423	1,455	493	410	657
Employees	237	164	95	63	66	1,597	1,132	434	335	362
Other persons	85	114	130	119	129	389	398	281	252	346
Causes:										
Collisions	139	89	39	34	33	2,071	1,391	485	358	635
Passengers	37	11	1	1	14	1,172	710	244	192	415
Employees	89	70	33	30	16	764	526	188	125	137
Other persons	14	8	5	3	3	135	155	53	41	83
Derailments	197	139	108	77	127	2,109	1,379	583	526	610
Passengers	34	18	3	------	9	1,212	718	232	203	236
Employees	111	66	43	26	45	690	487	190	171	190
Other persons	52	55	62	51	73	208	173	161	152	184
Other causes	58	81	82	72	58	228	215	140	113	120
Passengers	2	1	------	------	------	39	27	17	15	6
Employees	36	28	19	7	5	143	119	56	39	35
Other persons	20	52	63	65	53	46	69	67	59	79
Train-service accidents	5,794	5,796	4,624	4,341	4,598	44,420	35,395	18,849	16,160	15,107
Passengers on trains	100	63	36	22	15	3,155	2,208	1,609	1,501	1,315
Travelers not on trains					10					84
Employees	1,088	940	419	383	354	31,563	23,275	9,142	6,948	6,104
Other persons	4,605	4,793	4,169	3,936	4,219	9,701	9,912	8,098	7,711	7,604
Causes:										
Coupling or uncoupling locomotives or cars	80	48	12	20	12	1,624	1,124	394	307	246
Coupling or uncoupling air hose	22	19	13	9	11	435	353	175	123	131
Operating locomotives	20	16	7	6	5	6,259	3,731	1,406	1,042	834
Operating hand brakes	30	30	18	12	15	2,090	1,875	824	593	514
Operating switches	2	1	------	2	------	965	747	245	210	176
Contact with fixed structures	69	57	60	71	64	836	534	335	284	284
Getting on or off cars or locomotives	484	419	447	520	516	9,125	7,084	4,096	3,946	3,785
Highway grade-crossing accidents[1]	1,997	2,315	1,720	1,445	1,446	5,826	6,400	4,533	3,911	3,607
Struck or run over, not at public crossings	[2]2,415	2,267	1,730	1,590	1,792	[2]2,079	1,721	1,022	911	958
Miscellaneous	1,157	625	617	666	737	15,595	11,824	5,819	4,833	4,572
Nontrain accidents	430	376	246	223	203	92,860	51,024	15,599	21,062	11,022
Passengers on trains	[2]4	2	1	5	------	[2]634	595	587	455	------
Travelers not on trains					2					466
Employees	329	288	162	133	112	90,630	48,990	13,782	10,459	9,466
Other persons	97	85	83	85	89	1,724	1,440	1,230	1,148	1,090

[1] Excludes persons killed and injured at highway grade crossings in connection with derailments and miscellaneous train accidents.

[2] Average for 1922 to 1924. Separate data not available for 1921.

Source: Interstate Commerce Commission.

No. 415.—PERSONS KILLED AND INJURED IN RAILWAY ACCIDENTS

NOTE.—For various [illegible] are not strictly cor[illegible] erty in excess of $1[illegible] when the damage [illegible] 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	302	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	----	----
1909	8,722	95,626	253	10,311	2,610	75,006	5,859	10,309	----	----
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	14,938	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	3,259	165,212	6,811	13,563	----	----
1915	8,621	162,040	199	10,914	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	168,309	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	1,657	117,197	1,967	7,834	2,498	3,128
1923	7,385	171,712	143	6,463	2,026	152,678	2,397	9,279	2,819	3,292
1924	6,617	143,739	153	6,023	1,543	125,319	2,300	9,268	2,621	3,129
1925	6,766	137,435	176	5,643	1,599	119,224	2,347	9,640	2,644	2,928
1926	7,090	130,235	155	5,149	1,672	111,903	2,640	10,387	2,623	2,796
1927	6,821	104,799	82	4,560	1,566	88,223	2,519	9,020	2,654	2,996
1928	6,509	85,561	85	4,027	1,327	70,246	2,718	8,652	2,379	2,636
1929	6,496	76,995	100	4,371	1,424	60,739	2,665	9,308	2,307	2,577
1930	5,481	49,430	50	3,180	974	35,872	2,153	7,430	2,304	2,948
1931	5,099	35,656	41	2,689	676	25,358	1,981	6,288	2,401	3,321
1932	4,747	29,219	28	2,366	579	17,742	1,635	5,330	2,505	3,781
1933	5,019	27,494	50	2,522	532	15,932	1,611	5,043	2,826	3,997

[1] Data cover passengers on trains and travelers not on trains.
[2] Trespassers included with "other persons" prior to 1922.

No. 416.—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			1932		
	1930	1931	1932	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite, 1,000 short tons	1,140	543	327	327	----	----
Bituminous coal, do	98,400	81,725	66,498	32,415	14,707	19,376
Fuel oil [1], 1,000 gallons	2,386,569	2,015,694	1,759,124	7,094	23,952	1,728,078
Hardwood [1], cords	12,642	5,072	3,028	1,656	1,343	29
Softwood [1], do	44,134	34,802	23,475	10,283	1,169	12,023
Total, coal equivalent [2], 1,000 short tons	114,458	94,924	77,359	32,793	14,852	30,214
Rails laid in replacement and betterment:						
Total tonnage, 1,000 long tons	2,674	1,715	797	349	193	255
Total charges [3], 1,000 dollars	98,521	63,726	28,265	11,902	7,191	9,172
Ties laid in previously constructed tracks:						
Crossties, thousands	63,354	51,501	39,190	8,291	10,517	20,382
Switch and bridge ties, 1,000 board feet	235,315	188,595	140,566	40,505	42,971	57,090
Total charges [3], 1,000 dollars	94,207	73,415	50,940	15,386	11,800	23,754

[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 415 and 416: Interstate Commerce Commission.

No. 417.—EXPRESS COMPANIES: INCOME ACCOUNT

NOTE.—In thousands of dollars. Mileage operated by express companies, 1933: Total, 266,863; steam road, 221,027; electric line, 2,443; steamboat line, 22,757; airplane, 13,658; stage line, 6,978. The Railway Express Agency, Inc., operates 211,319 miles, and the Southeastern Express Co., 9,708 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
1924	287,281	139,997	150,640	147,447	3,193	2,102	1,045	1,458	2,282
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	36
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*
Southeastern Express Co.:									
1921 [7]	4,374	1,649	2,781	2,719	61	25	37	10	47
1924	7,910	3,755	4,266	4,103	163	109	51	19	70
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	76	24	100
1927	8,176	3,971	4,342	4,188	154	88	82	28	90
1928	7,870	3,738	4,268	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

[1] ansportation.
uncollectible revenue.
tions.
28, 1929.
). 31, 1929.
[6] Deficit.
[7] Result of operations for 8 months ended Dec. 31, 1921.

No. 418.—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:									
1917	51,777	102	4,498	35,449	16,047	16,328	12,469	32,261	14
1918	49,067	----	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*	[3] *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

[1] Amounts due other carriers under the provisions of definite contracts. [2] Not separated. [3] Deficit.

Source of Tables 417 and 418: Interstate Commerce Commission.

No. 419.—THE ALASKA RAILROAD TRAFFIC: Analysis of Statistics of Passenger and Freight Services, Years Ended June 30

	1932	1933		1932	1933
Road mileage operated—monthly average	519.9	519.9	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight train-miles	59,654	60,334
			Mixed train-miles	8,172	7,918
	65,870	63,864	Loaded cars, 1 mile, freight and mixed trains	1,088,378	1,019,786
	8,172	7,918	Empty cars, 1 mile, freight and mixed trains	685,757	701,915
ger trains[1]	170,220	165,133	All cars, 1 mile	1,774,135	1,721,701
Passenger car-miles, mixed trains	8,062	7,918	Tons of revenue freight carried:		
Total revenue passengers carried	22,568	13,117	Coal	60,783	72,007
Revenue passengers carried 1 mile	2,005,169	1,683,818	Miscellaneous	26,270	25,472
Total passenger revenue	$191,873	$121,120	Tons of revenue freight carried 1 mile	14,569,719	15,809,158
Average revenue per passenger per mile	$0.09569	$0.07193	Total freight revenue	$906,124	$890,249
			Average revenue per ton per mile	$0.06213	$0.05631

[1] Including motor miles.

Source: Department of the Interior.

No. 420.—ELECTRIC RAILWAYS: Summary of Operations

NOTE.—This table does not include the [illegible] railway [illegible] electric railway companies also engage in other [illegible] sale of [illegible] power; wherever possible, such light and power [illegible], 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 [illegible] of [illegible] ic railways by means of steam [illegible] are [illegible] each track of a double or multi[illegible]

	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	40,808	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	294,826	[5] 306,523	[5] 267,115	182,165
Number of passenger cars	32,505	60,290	76,162	79,914	77,301	70,309	50,692
Revenue passengers, including pay transfer[6] (thousands)	2,023,010	4,774,212	9,545,555	11,304,660	12,666,558	12,174,592	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 [illegible] companies [illegible] separate organization[illegible] ownership [illegible] mainly in Pennsylvania. and not in[illegible] [illegible] 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. 421.—ELECTRIC RAILWAYS: MILEAGE, EQUIPMENT, OUTPUT OF ELECTRICITY, TRAFFIC, EMPLOYEES, AND SALARIES AND WAGES

NOTE.—See headnote to Table 420

	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	93,246	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]	3,661,385	4,200,192	4,119,306	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
[illegible]	2,505,316	2,924,779	2,972,834	1,470,904	1,126,714	(5)	751,714
[illegible] 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	14,508,915	15,331,400	14,901,435	9,888,535	12,678,849	7,849,091
Revenue passengers, including pay transfer	9,545,555	11,304,601	12,666,558	12,174,592	7,955,981	9,953,798	5,922,363
[illegible]	2,423,918	3,021,138	2,496,570	2,571,249	1,827,533	2,570,937	1,827,308
[illegible]	165,869	181,116	168,272	155,594	105,022	154,114	99,420
[illegible] sands)	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	57.65	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	196,494	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	259,100	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:							
[illegible]	131,321	136,184	130,628	115,720	78,928	111,220	74,173
[illegible]	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, [illegible] d output of stations in 1927 and 1932 are not comparable with those in prior ye[illegible] merly reported these data as auxiliary operations on railway schedules furnishe[illegible] eports for light and power operations in 1927 and 1932. These are included in [illegible] Electric Light and Power Stations". The number of companies that reported power-plant equipment in 1912 was 494; in 1917, 355; 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 [illegible]

[illegible] by motor busses operated by electric railway companies (16,120,000 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. 422.—ELECTRIC RAILWAYS:

NOTE.—See headnote to Table 420. 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**	**167,781**	**7,955,981**	**753,784**
New England	**5,299**	**5,049**	**3,931**	**2,443**	**1,051,182**	**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	368,294	89,053
Rhode Island	435	403	304	183	94,086	143,009	105,210	8,447	[6] 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**	**4,978,230**	**5,172,379**	**174**	**3,840,362**	**305,069**
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	409,444	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**	**148,358**
Ohio	3,999	3,974	3,486	2,513	632,332	872,164	726,069	24,552	420,642	59,764
Indiana	2,323	2,305	2,330	1,583	173,019	241,873	201,070	7,580	97,838	10,302
Illinois	3,186	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	849	919	909	751	134,646	181,375	179,577	11,572	116,566	25,067
W. N. Central	**3,031**	**3,604**	**3,556**	**3,149**	**787,301**	**942,867**	**758,333**	**3,399**	**402,737**	**30,178**
Minnesota	538	681	723	616	186,918	262,781	207,476		121,286	([7])
Iowa	784	999	982	891	93,413	95,494	66,883	1,675	32,169	4,948
Missouri	959	1,098	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			
Maryland	720	758	731	667	186,828	248,594	227,918		221,417	10,614
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**	**1,198**	**268,785**	**308,021**	**311,351**		**174,892**	**7,204**
Kentucky	502	517	489	462	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	73,640	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	3,683	70,104	
Oklahoma	252	324	334	368	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**	**148,748**	**118,004**	**1,283**	**58,625**	**2,579**
Montana	99	111	109	190	15,351	15,255	14,108		3,757	
Colorado	468	431	356	308	86,597	81,613	64,865	591	34,063	1,794
New Mexico	11	11	11		951	1,425	516			
Arizona	46	44	37	22	4,554	5,474	5,432		([12])	
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**	**4,295**	**723,270**	**970,359**	**922,140**	**28,692**	**622,915**	**49,696**
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	2,606	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 [illegible]
[5] Data for Vermont, Rhode Island, an[illegible]
[6] Data for Rhode Island included with Massachusetts.
[7] Data for Minnesota, North Dakota, [illegible] 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 [3]			1927		1932 [3]		
1922 [2]	Car lines	Motor-bus lines	Car lines	Motor-bus lines	1922 [2]	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.
1,586	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	13,160	68,819	26,444	Mass.
22,904	20,312	(5)	[5] 9,723	[4] 3,258	16,244	13,932	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	186,692	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	22,663	385,595	65,214	E. N. C.
55,359	50,309	1,989	25,743	3,980	141,247	136,400	7,081	83,603	20,851	Ohio.
20,286	18,579	513	7,399	1,023	58,552	63,782	4,043	41,971	7,568	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		29,403	(7)	Minn.
7,850	5,968	175	2,652	365	29,152	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	879			S.Dak.
4,930	3,695	12	[6] 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.
					3,883	3,649				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	176	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	1,548	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	9,356	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	32,137	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.
382	447		(13)		410	334		(13)		N.Mex.
					981	1,096				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.
68,463	66,033	2,520	41,263	4,743	198,168	198,493	14,306	155,544	28,802	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 [illegible] District of Columbia, Georgia, and Florida.
[11] Data for W[illegible]
[12] Data for Co[illegible]
[13] Data for Arizona included with Utah.

Source: Bureau of the Census, Department of Commerce.

No. 423.—ELECTRIC RAILWAYS: INCOME ACCOUNT OF OPERATING COMPANIES

NOTE.—See headnote to Table 420

[All figures except percentages in thousands of dollars]

	All companies				Surface lines		Motor-bus lines	
	1912	1922	1927	1932	1927	1932	1927	1932
Gross operating revenue	567,511	1,016,719	[1] 927,774	[1] 566,749	798,754	447,628	68,121	98,887
Railway operations	535,996	925,477	918,869	566,290	789,849	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	1,703	2,478
Freight	10,165	31,560	39,125	17,047	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	8,905	459	--------	[2] 3
Operating expenses (total)	332,896	727,795	[1] 694,480	[1] 442,998	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	43,674	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	42,054	64,484
Conducting transportation	[3] 129,205	286,690	294,322	186,515	262,415	154,633		
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	234,815	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 [illegible] departments in 1927 and 1932 which are included in statistics for "Central [illegible]"

[2] Includes superintendence of power.

[3] Net deficit.

[4] Deficit.

Source: Bureau of the Census, Department of Commerce.

No. 424.—RECEIVERSHIPS OF ELECTRIC RAILWAYS

Year	Placed under receivership				Sold under foreclosure				
	Number of companies	Miles of track	Outstanding securities		Number of companies	Miles of track	Outstanding securities		Receivers' certificates
			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	115,092,750	[1]
1912	26	374	20,410,700	11,133,800	18	267	14,197,300	10,685,250	[1]
1913	18	343	31,006,900	47,272,200	17	302	15,243,700	19,094,500	[1]
1914	10	362	35,562,550	19,050,460	11	181	26,239,700	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	27,313,045	[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	30,863,526	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	3,440,388
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	567	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	36,373,900	10	510	18,472,995	21,173,700	285,359
1930	15	1,765	79,647,700	97,442,081	8	1,055	36,254,965	44,564,000	----------
1931	16	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

[1] Data not available.

Source: Annual Statistical Number, Transit Journal.

No. 425.—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]	90.80	93.80	[6]
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	19,098	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 [illegible] for 1917, 1922, and 1927, on running track exclusive of idle track and freight [illegible] on total main track.
[5] No data.

No. 426.—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
[illegible]	[illegible]	146.9	163.9	178.7	178.7	Massachusetts	18.5	25.2	27.0	29.4	30.6
[illegible]	[illegible]	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 11.68 miles owned and operated by a New York company.
[2] [illegible] and Tennessee, 1912; Connecticut, Minnesota, Missouri, Rhode Island, [illegible] 1917; Rhode Island, Minnesota, and Missouri, 1922; Minnesota, Missouri, [illegible], 1927; Minnesota, Missouri, Montana, Rhode Island, and Washington, 1932.

No. 427.—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 425, 426, and 427: Bureau of the Census, Department of Commerce.

No. 428.—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	36,652	9,708	9,363	17,581
Number of busses, total	8,277	2,064	6,213	15,064	8,559	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
[illegible]		163,199	608,608	1,135,500	749,423	202,531	183,546
		4,583	7,871	12,162	4,361	6,528	1,273
		45,667	39,568	143,720	118,704	15,658	9,367
		1,246	4,661	10,928	8,055	1,268	1,605
Nur		65,905	206,613	490,025	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	5,398	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] *137*	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] *137*	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] *753*	1,542	[1] *1,252*	[1] *1,048*
Nonoperating income	205	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	3,806	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. 429.—CIVIL AERONAUTICS: SUMMARY OF STATISTICS

Item	1928	1930	1931	1932	1933
SCHEDULED AIR TRANSPORT OPERATIONS					
Services in operation Dec. 31	63	122	126	136	112
Miles of all airways in operation Dec. 31	16,667	49,549	50,398	48,530	47,687
Airplanes in service and reserve Dec. 31	325	600	590	564	504
Value	$7,000,000	$11,489,540	$9,167,500	$8,763,432	$9,500,000
Total personnel employed Dec. 31	1,496	3,475	[1] 5,645	[1] 5,588	[1] 6,273
Pilots employed	308	675	690	709	749
Airplane miles flown, all operators	10,673,450	36,945,203	47,385,987	50,932,967	54,642,545
Airplane miles flown daily, average for the year	29,242	101,220	129,825	139,542	149,706
Passengers carried	49,713	417,505	522,345	540,681	568,940
Average passenger-mile rate (domestic)	$0.11	$0.083	$0.0674	$0.061	$0.061
Express and freight carried, pounds	216,044	468,571	1,151,348	1,600,821	2,452,812
Express and freight privately carried, pounds	1,631,512	2,400,684	1,532,156	669,011	
Miles of mail airways Dec. 31 [2]	14,561	41,501	43,735	45,436	44,665
Airplane miles flown with mail [2]	7,846,296	19,904,185	33,113,720	36,053,067	41,671,490
Mail carried by contractors, pounds [2]	4,063,173	8,513,675	9,643,211	7,903,723	7,816,532
Average mail load per scheduled round trip, pounds [3]	489	608	678	522	
Mail income to contractors [2]	$7,432,721	$20,015,969	$26,884,043	$26,234,321	$23,413,691
Average mail income per scheduled round trip [3]	$994	$974	$1,482	$1,363	
Average income per pound of contract mail [3]	$2.03	$1.60	$2.19	$2.61	$2.24
Average mail income per contract mile flown [3]	$0.94	$0.88	$0.70	$0.56	$0.43
MISCELLANEOUS [4]					
Airplane miles flown (misc. flying operations)	60,000,000	108,269,760	94,343,115	78,178,700	71,222,845
Miles airways lighted by Dept. of Commerce	6,988	15,258	17,512	19,500	18,655
Under construction	2,314	3,221	1,988		2,638
Beacons, revolving and flashing (Federally operated)	1,188	1,652	1,836	1,988	1,796
Beacons, privately owned and certified	54	140	188	228	269
Radio communication stations	29	45	56	61	68
Radio range beacon stations	2	33	47	68	94
Radio marker beacons		6	46	74	77
Weather reporting airway and airport stations [5]		143	234	234	205
Weather Bureau airway stations [6]	95	279	348	310	317
Weather Bureau first order stations	206	209	218	216	194
Commercial and private airports	365	564	673	645	713
Municipal airports	368	550	636	549	563
Intermediate landing fields—Dept. of Commerce—					
Lighted	210	347	385	337	246
Unlighted		7	19	15	19
Auxiliary airports—marked	340	240	300	476	550
Army, Navy, Marine Corps, National Guard, reserve and miscellaneous airports	81	74	80	95	97
Pilots licensed (active), airplane	4,887	15,280	17,739	18,594	13,960
Airplanes licensed (active)	3,165	7,354	7,553	7,330	6,896

[1] Includes operation and offic
[2] All air mail routes, whether
[3] Domestic only, as foreign mileage basis.
[4] All data, except airplane miles flown, are as of Dec. 31.
[5] Teletypewriter equipped.
[6] Not equipped with teletypewriter.

Source: Aeronautics Branch, 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 requ[illegible] from light water line (that is, with only the machinery and equipment on board [illegible] refore the weight of the cargo, fuel, etc., which a vessel is designed to carry with [illegible] tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

No. 430.—CARGO TONNAGE OF WATER-BORNE COMMERCE OF THE UNITED STATES

[In thousands of short tons of 2,000 pounds]

	1927	1928	1929	1930	1931	1932
Foreign commerce, total	120, 523	126, 768	127, 510	114, 110	89, 526	70, 429
Imports, through seaports	43, 388	46, 690	51, 591	46, 448	37, 375	29, 843
Exports, through seaports	56, 550	56, 151	55, 761	48, 148	38, 841	30, 039
Imports, Great Lakes ports	8, 098	8, 548	6, 385	7, 590	4, 016	3, 072
Exports, Great Lakes ports	12, 487	15, 379	13, 773	11, 924	9, 294	7, 475
Domestic commerce, unadjusted total	473, 118	482, 232	527, 535	477, 220	403, 918	319, 870
Coastwise, between ports	121, 036	119, 254	124, 999	117, 821	113, 949	94, 434
Great Lakes, between ports	113, 917	119, 301	135, 838	109, 791	71, 788	39, 544
Local traffic of seaports and Great Lakes ports [1]	78, 162	77, 925	91, 892	81, 403	70, 814	57, 929
Traffic between seaports and river points	38, 191	37, 672	39, 632	35, 601	34, 044	24, 134
Traffic on rivers, canals, and connecting channels [2]	121, 812	128, 080	135, 174	132, 604	113, 323	103, 829
Foreign and domestic, unadjusted total	593, 641	609, 000	655, 045	591, 330	493, 444	390, 299
Deduction of duplications:						
Traffic between seaports and river points	38, 191	37, 672	39, 632	35, 601	34, 044	24, 134
Other duplications (canals, etc.) [3]	22, 950	32, 128	31, 613	35, 449	13, 752	23, 676
Net total, foreign and domestic	532, 500	539, 200	583, 800	520, 280	445, 648	342, 489
Approximate net total, domestic [4]	411, 977	412, 432	456, 290	406, 170	356, 122	272, 080

[1] Includes the following, with figures for 1932: Harbor traffic of New York, Philadelphia, and San Francisco (34,699,000 tons); local traffic of other seaports (18,431,000); local traffic of lake ports (4,798,000).

[2] Excluding St. Marys Falls Canal traffic (20,481,000 tons in 1932) and additional Detroit River traffic (26,966,000 tons in 1932), 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. 431.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS, 1932

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; [illegible] in the case of New York, Philadelphia, and San Francisco, what is [illegible] of a harbor for which separate statistics are maintained. These for [illegible] tonnage is large, are of much less economic importance than foreign and coastwise traffic

Port	Imports	Exports	Coastwise	
			Receipts	Shipments
Grand total	29,843	30,039	93,170	95,698
Atlantic ports	24,311	8,479	62,482	34,710
Searsport, Me	4	6	353	237
Portland, Me	280	91	1,666	211
Portsmouth, N.H	22	-------	204	5
Boston Harbor, Mass	2,010	209	9,786	1,097
Beverly, Mass	32	-------	448	12
Salem, Mass	1	-------	251	-------
Lynn, Mass	16	-------	249	-------
New Bedford and Fairhaven, Mass	1	2	576	37
Fall River, Mass	375	-------	1,201	755
Newport, R.I	-------	-------	111	4
Providence, R.I	487	4	3,188	595
New London, Conn	9	(1)	393	110
New Haven, Conn	15	11	1,610	216
Bridgeport, Conn	19	-------	818	48
Stamford, Conn	-------	-------	216	25
Greenwich, Conn	-------	-------	90	1
New York Harbor, N.Y	12,747	4,884	24,520	5,977
Hempstead, N.Y	-------	-------	340	2,314
Port Jefferson, N.Y	-------	-------	63	1,267
[illegible]	3,615	869	5,840	2,514
[illegible]	2,684	529	3,913	810
[illegible]	581	922	1,265	15,583
[illegible]	94	14	527	20
[illegible] S.C.[3]	340	154	795	156
Savannah, Ga	266	279	839	411
Brunswick, Ga	42	96	275	278
Fernandina, Fla	1	50	(1)	19
Jacksonville, Fla	237	227	940	359
Miami, Fla	124	53	349	73
Key West, Fla	65	48	53	3
San Juan, P.R	155	15	434	239
Gulf ports	3,074	12,084	6,586	37,306
Charlotte, Fla	-------	174	1	186
Tampa, Fla	101	648	819	702
Pensacola, Fla	28	257	136	103
Mobile, Ala	218	722	619	220
Gulf ports—Con.				
Gulfport, Miss	18	96	19	2
New Orleans, La	1,931	1,766	2,298	2,017
Baton Rouge, La	186	926	2	2,254
Galveston, Tex	228	1,552	470	743
Texas City, Tex	10	105	32	2,052
Houston, Tex	182	3,142	731	7,640
Freeport, Tex	-------	132	(1)	219
Port Aransas, Tex	-------	-------	-------	666
Sabine, Tex	-------	-------	-------	504
[illegible]	53	1,776	767	7,937
[illegible]	97	561	179	11,796
[illegible]	3	188	80	89
Pacific ports	2,458	9,477	24,102	23,682
San Diego, Calif	24	1	584	16
Los Angeles, Calif	420	4,632	5,031	8,206
San Luis Obispo, Calif	-------	551	9	1,629
San Francisco Bay, Calif	1,029	2,199	9,444	4,942
Monterey, Calif	-------	-------	60	595
Humboldt, Calif	-------	5	169	68
Long Beach, Calif	34	76	659	1,501
Coos Bay, Oreg	-------	45	40	98
Portland, Oreg	79	573	2,211	787
Other ports on Columbia and Willamette Rivers	(1)	97	167	231
Longview, Wash	4	78	42	346
Grays Harbor, Wash	1	179	82	216
Port Gamble, Wash	4	12	1	201
Olympia, Wash	-------	53	52	222
Tacoma, Wash	162	396	495	526
Seattle, Wash	284	360	2,633	1,185
Everett, Wash	32	54	141	265
Anacortes, Wash	25	4	47	27
[illegible], Wash	26	39	83	209
[illegible]	115	11	105	152
[illegible] Wash	96	(1)	369	56
Port Ludlow, Wash	-------	16	1	184
[illegible]	80	5	983	605
[illegible]	2	(1)	133	225
[illegible]	17	-------	143	246

[1] Less than 500 tons.
[2] Including Delaware and Schuylkill Rivers, Pa. In prior years included also points on Delaware River below Allegheny Avenue, Philadelphia.
[3] Including Ashley River.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 432.—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			
	1929	1930	1931	1932	1929	1930	1931	1932
Total	141,182	116,812	74,300	42,484	150,653	122,283	82,586	47,151
Agate Bay, Minn	184	101	67	7	7,416	7,102	3,742	460
Alpena, Mich	289	252	207	133	1,623	1,483	1,412	1,763
Ashland, Wis	856	786	590	337	8,535	5,655	3,259	756
Ashtabula, Ohio	8,938	6,451	2,123	406	3,435	4,323	4,021	3,460
Buffalo, N.Y	15,277	12,487	9,695	6,716	2,089	2,572	2,369	2,016

No. 432.—Great Lakes, Commerce of the Principal Ports—Continued

Port	Receipts				Shipments			
	1929	1930	1931	1932	1929	1930	1931	1932
Calcite, Mich.	125	93	40	24	10,694	8,660	3,753	1,323
Charlotte, N. Y. (Rochester)	150	149	138	74	1,458	925	851	503
Chicago, Ill.[1]	14,920	11,238	7,046	2,741	1,417	1,561	2,472	2,112
Cleveland, Ohio	14,059	9,620	4,683	2,230	2,626	2,198	1,953	1,929
Conneaut, Ohio	9,572	8,570	4,246	369	2,874	2,247	1,426	832
Detroit, Mich.	4,628	4,847	3,194	2,840	787	297	308	166
Duluth-Superior	12,130	11,247	8,766	6,615	48,256	34,480	17,692	3,904
Erie, Pa.	2,301	1,905	1,269	306	963	2,496	2,416	1,753
Escanaba, Mich.	185	222	154	119	7,116	4,543	1,784	368
Fairport, Ohio	3,737	3,071	1,719	674	1,575	840	529	1,052
Frankfort, Mich.	925	787	607	656	851	663	480	375
Gary, Ind.	8,728	6,723	3,997	379	102	190	60	58
Grand Haven, Mich.	589	444	365	242	715	543	447	595
Green Bay, Wis.	1,474	1,510	1,374	1,197	311	299	6	18
Huron, Ohio	1,315	1,005	489	205	781	903	828	569
Indiana Harbor, Ind.	6,189	5,211	3,012	838	1,302	1,294	1,406	1,478
Kewaunee, Wis.	302	221	168	151	269	239	207	149
Keweenaw Waterway, Mich.	825	803	493	97	40	22	22	18
Lorain, Ohio	4,804	3,422	2,266	772	2,328	2,028	1,468	981
Ludington, Mich.	1,038	862	222	540	1,634	1,351	1,541	872
Manistique, Mich.	109	123	88	50	156	151	85	61
Manitowoc, Wis.	1,553	1,308	1,083	801	797	606	503	514
Marquette Harbor, Mich.	180	193	162	99	981	617	450	137
Marquette Bay, Mich.		1			4,016	2,706	1,372	200
Menominee, Mich. and Wis.	568	484	409	338	254	196	173	108
Milwaukee, Wis.	6,698	6,122	4,840	4,185	1,866	1,581	1,682	1,044
Muskegon, Mich.	523	535	583	285	449	134	94	313
Ogdensburg, N. Y.	529	508	404	409	687	562	460	323
Rockport, Mich.	17	9	5	6	1,790	1,092	519	168
Rouge River, Mich.	5,725	4,472	3,270	2,149	187	404	420	483
Saginaw River, Mich.	563	1,014	738	441	56	96	312	366
Sandusky, Ohio	63	50	41	62	9,710	7,961	6,498	4,644
Sault Ste. Marie, Mich.	821	760	494	320	2	[2]	[2]	1
Sheboygan, Wis.	431	418	368	468	10	7	11	12
Sturgeon Bay, Wis.	25	26	27	23	1,038	763	210	198
Toledo, Ohio	3,538	3,553	1,439	1,035	16,179	15,970	13,133	9,697
Wyandotte, Mich.	1,759	1,577	1,349	1,229	26		23	38
All other	4,540	3,632	2,070	1,916	2,652	2,523	2,199	1,334

[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. 433.—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	Yearly average or year	All canals	Erie division			
					Total freight	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	1,348,365	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	282,649	397,328
1856–1860	3,911,407	1,889,759						
1861–1865	5,049,341	2,743,929	1925	2,344,013	1,945,466	916,441	339,713	262,331
1866–1870	5,987,724	3,018,359	1926	2,369,367	1,935,278	795,598	287,189	263,202
1871–1875	5,974,097	3,326,073	1927	2,581,892	2,047,774	791,037	325,076	327,616
1876–1880	5,219,888	3,542,020	1928	3,089,998	2,535,684	1,118,788	307,642	343,593
1881–1885	5,210,389	3,495,590	1929	2,876,160	2,422,204	810,385	229,047	398,831
1886–1890	5,281,441	3,589,631	1930	3,605,457	3,044,271	1,152,200	264,292	653,399
1891–1895	4,112,061	2,962,528	1931	3,722,012	3,277,936	1,149,471	202,978	781,867
1896–1900	3,544,951	2,446,065						
1901–1905	3,335,210	2,144,492	1932	3,643,433	3,186,094	1,039,698	130,674	880,095
1906–1910	3,238,129	2,206,595	1933	4,074,002	3,574,951	705,950	94,182	1,239,632

Source: Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 434.—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	41,984	.71	882
1919	68,236	52,832	15,404	63,408	4,828	55,612	58,479	1.05	915
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

	1910	1915	1920	1925	1930	1932	1933
Passengers carried—number	66,933	50,336	68,451	56,956	45,303	20,241	20,943
Freight, eastbound—1,000 tons	47,134	56,369	63,464	67,305	57,067	11,822	30,544
Flour—1,000 bbls	7,576	8,437	7,478	9,289	8,532	7,116	7,119
Wheat—1,000 bus	86,260	255,482	143,456	292,818	243,927	207,224	198,698
Other grain—do	39,243	64,755	51,630	149,927	55,434	39,616	39,821
Lumber—1,000 ft. b. m	603,101	456,451	192,854	186,486	150,986	77,664	142,322
Iron ore—1,000 short tons	41,600	45,212	56,643	53,821	46,990	3,607	22,226
All other—do	380	506	176	222	351	217	478
Freight, westbound—1,000 tons	15,228	14,921	15,818	14,570	15,831	8,659	9,764
Coal—do	13,514	13,357	14,156	12,874	14,059	7,375	8,266
All other—do	1,715	1,564	1,662	1,696	1,772	1,284	1,498

No. 435.—OHIO RIVER TRAFFIC: TONNAGE, TON-MILEAGE, AND FREIGHT

NOTE.—Figures exclude ferry traffic. In 1932 the tons of freight carried on ferries were reported as 1,389,488 but the hauls, of course, are very short. The passengers carried other than on ferries for 1932 were 1,199,726. 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*
1920	9,382	1,183,915	223,443	1931—Total	18,071	1,486,445	166,987
1921	7,308	844,895	93,275	Up	2,529	----------	19,083
1922	6,292	807,793	144,796	Down	5,142	----------	31,169
1923	8,281	----------	110,022	Inbound	7,221	----------	57,097
1924	10,867	----------	128,356	Outbound	3,180	----------	59,639
1925	15,737	825,497	151,622				
1926	19,755	----------	150,086	1932—Total	14,317	1,392,229	153,757
1927	20,129	1,214,491	168,423	Up	1,857	----------	26,394
1928	20,938	1,344,687	191,519	Down	4,315	----------	26,955
1929	21,955	1,512,585	192,308	Inbound	6,080	----------	59,917
1930	22,337	1,473,927	188,245	Outbound	2,065	----------	40,491

Source of Tables 434 and 435: Annual Report of the Chief of Engineers, United States Army.

No. 436.—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	
	Upbound	Downbound	Upbound	Downbound	Upbound	Downbound	Upbound	Downbound	Upbound to	Downbound from
1923	263,729	459,339	395,823	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	[illegible]	[illegible]	[illegible]	[illegible]	1,363,254	7,738,396	467,616	5,359,639
1926	420,379	585,600	[illegible]	[illegible]	[illegible]	[illegible]	1,462,325	9,612,163	529,590	6,116,617
1927	448,459	659,743	[illegible]	[illegible]	[illegible]	[illegible]	1,727,352	7,089,393	354,117	4,447,025
1928	474,173	956,010	[illegible]	[illegible]	[illegible]	[illegible]	1,680,541	6,974,085	379,942	4,601,718
1929	309,986	581,770	699,019	1,629,315	1,362,443	1,472,617	1,530,519	6,196,864	465,521	3,830,807
1930	341,158	585,709	726,417	2,104,930	949,015	1,428,553	2,540,936	6,636,769	206,187	3,566,642
1931	467,685	835,349	1,277,699	2,558,516	1,040,689	1,362,837	2,453,457	6,335,923	310,849	3,681,823
1932	608,982	968,408	1,140,997	1,764,265	2,200,004	2,574,598	2,589,318	5,893,243	187,603	3,695,935

	Between Ohio and Illinois Rivers		Cairo to Memphis		Memphis to Vicksburg		Vicksburg to New Orleans	
	1931	1932	1931	1932	1931	1932	1931	1932
Upbound	**467,685**	**608,982**	**1,277,699**	**1,140,997**	**1,040,689**	**2,200,004**	**2,453,457**	**2,589,318**
Coffee	25,988	26,424	34,277	39,682	44,766	47,676	46,786	49,642
Sugar	98,810	118,955	294,640	340,844	349,500	417,633	383,127	449,404
Sisal	25,366	46,969	28,486	49,555	28,486	49,642	28,496	49,642
Burlap and bagging	19,145	19,719	21,861	20,009	26,580	24,211	27,640	25,369
Logs, barged		2,174	24,950	15,650	81,127	8,258	11,905	3,902
Petroleum and products	1,273	1,545	38,263	214,654	67,577	552,903	1,669,772	1,661,354
Receipts at Baton Rouge							310,849	187,693
Shipments from Baton Rouge							114,608	614,099
Gravel and sand	2,400	1,378	231,060	8,060	43,660	269,750	443	
Cement	3,584	39,754	10,348	1,067	129	40,500	180	13,833
Concrete			220,782	111,993	53,918	432,048	16,095	22,294
Bauxite ore	3,240	11,681	3,240	11,681	3,240	11,681	3,240	11,681
Sulphur	19,813	28,147	48,376	41,471	45,826	43,798	45,866	43,801
All other	268,066	312,236	321,416	286,331	295,880	301,904	219,907	258,336
Downbound	**835,349**	**968,408**	**2,558,516**	**1,764,265**	**1,362,837**	**2,574,598**	**6,335,923**	**5,893,243**
Wheat	129,414	31,241	129,424	29,313	139,474	30,810	139,474	30,810
Corn	7,256	131,353	9,754	157,803	9,724	157,803	9,743	160,352
Fruits and vegetables	16,883	32,104	48,864	75,459	39,186	64,297	34,864	59,657
Tobacco		25	2,961	9,440	13,507	28,398	13,537	27,988
Cotton, raw	14	42	3,588	23,795	92,708	153,609	202,483	271,080
Logs, barged	957	432	103,694	5,500	42,561		8,345	23,373
Logs, rafted or floated	15,920	1,207	77,409	62,284	72,888	63,445	93,145	39,072
Coal and coke	24,898	14,073	149,505	108,492	28,194	41,735	1,105	475
Petroleum and products	11,361	23,884	4,459	7,942	12,943	442,795	5,534,645	4,926,094
Receipts at Baton Rouge							619,397	457,061
Shipments from Baton Rouge							3,681,823	3,695,935
Stone	317,095	394,803	397,506	148,962	96,887	204,894	3,010	2,650
Gravel and sand	5,900	2,067	452,280	245,271	324,139	266,213	26,336	7,618
Cement	131,349	112,087	153,888	62,480	13,930	172,835	1,395	12,079
Concrete			339,198	244,911	147,531	504,451		22,022
Iron and steel products	40,225	31,350	383,741	249,632	105,370	75,858	90,489	63,122
Machinery	4,121	7,875	63,930	38,154	42,397	32,337	9,702	13,776
All other	129,947	185,815	238,315	294,827	181,398	335,068	162,650	233,165

Source: Annual Report of the Chief of Engineers, United States Army.

No. 437.—UNITED STATES MERCHANT MARINE: DOCUMENTED TONNAGE

NOTE.—For definition of "gross ton" see general note, p. 378. 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]	--------	--------	--------	1,102	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	2,645	167	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	12,452	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
1922	27,358	18,960	8,398	18,463	15,982	2,481	10,720	7,703	4	36
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	6,296	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

Classes	Number					Thousands of gross tons				
	1910	1920	1930	1932	1933	1910	1920	1930	1932	1933
By utilization:										
Registered—										
Foreign trade	1,490	5,932	4,175	3,866	3,888	783	9,925	6,296	5,071	4,701
Whale fisheries	36	26	14	12	14	9	4	7	2	9
Enrolled—										
Coasting and internal trade	13,654	12,181	12,497	12,726	12,278	6,555	6,233	9,608	10,612	10,195
Cod and mackerel fisheries	395	196	261	247	238	39	32	36	32	31
Licensed—										
Coasting and internal trade	9,328	9,463	8,004	8,056	8,210	114	124	115	116	118
Cod and mackerel fisheries	337	385	263	249	240	8	6	6	6	6
By location:										
Atlantic and Gulf[5]	17,084	16,850	14,321	14,377	14,301	3,523	9,739	9,904	10,678	10,106
Pacific[6]	3,574	6,512	6,466	6,533	6,462	937	3,326	3,227	3,115	2,970
Northern lakes	3,273	3,091	2,450	2,272	2,209	2,895	3,139	2,758	1,857	1,814
Western rivers	1,809	1,730	1,977	1,974	1,896	154	120	178	189	170
By power:										
Sail	8,947	4,030	1,584	1,342	1,227	1,655	1,272	757	625	563
Steam[7]	12,452	8,103	6,087	5,776	5,476	4,900	13,466	12,775	12,499	11,788
Motor[7]	--------	10,711	12,124	12,448	12,706	--------	357	982	1,069	1,075
Canal boats	674	448	226	176	166	74	52	29	23	22
Barges	3,667	4,891	5,193	5,414	5,293	878	1,177	1,525	1,623	1,613
By material:										
Wood	23,527	23,781	20,211	20,069	19,923	3,391	3,876	2,554	2,417	2,324
Metal	2,213	4,402	5,003	5,087	4,945	4,117	12,448	13,514	13,421	12,736

[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, 1829, 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. 438.—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	1,057	300,881	1922	845	661,232
1871–1880	1,454	253,801	1923	770	335,701
1881–1890	1,056	220,198	1924	1,049	223,963
1891–1900	1,055	235,699	1925	967	199,846
1901–1910	1,311	418,178	1926	924	224,673
1911–1920	1,449	1,090,938	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	254,206
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			

[1] Years ended Dec. 31 from [illegible] to 1842; June 30 beginning with 1843.
[2] Nine-year average, there [illegible] for 1802.
[3] Average for period Jan. 1, [illegible].
[4] Average for period Oct. 1, 1840, to June 30, 1850.

Source: Reports of the Commissioner of Navigation.

No. 439.—VESSELS BUILT IN UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS: BY CLASSES AND REGION

NOTE.—For definition of "gross ton" see general note p. 378. Data are for years ended June 30

Class and where built	1901–1910, average	1911–1915, average	1916–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933
Total.....number..	**1,311**	**1,342**	**1,556**	**998**	**928**	**1,302**	**722**	**642**
Gross tons.....	**418,178**	**282,272**	**1,899,604**	**737,190**	**222,054**	**386,906**	**212,892**	**190,803**
Sailing.....number..	300	70	82	38	9	4	2	3
Gross tons.....	50,857	16,339	70,599	27,685	365	52	18	46
Steam and motor..number..	681	911	1,111	697	646	682	523	539
Gross tons.....	287,593	200,069	1,734,296	639,341	148,737	212,996	164,620	168,488
Canal boats.....number..	46	36	19	9	5	1	----------	----------
Gross tons.....	5,022	4,099	2,613	1,043	952	258	----------	----------
Barges.....number..	284	325	344	254	268	615	197	100
Gross tons.....	65,705	61,164	92,096	69,121	71,999	173,600	48,254	22,269
Metal.....gross tons..	270,852	181,166	1,511,043	631,109	151,808	212,203	174,794	163,148
Wood.....do....	147,326	101,106	388,561	106,081	70,246	174,703	38,098	27,655
Gross tons built on:								
New England coast.....	59,491	21,474	112,835	45,913	10,874	26,639	52,163	25,851
Middle Atlantic and Gulf coasts.....	130,226	149,941	833,438	442,721	123,600	287,884	133,625	151,823
Pacific coast.....	34,482	34,439	687,076	174,926	28,612	41,248	9,741	3,919
Northern lakes.....	184,724	69,794	260,138	58,317	45,292	19,535	11,813	2,044
Western rivers.....	9,256	6,623	6,117	15,313	13,676	11,600	5,550	7,166

Source: Reports of the Commissioner of Navigation.

No. 440.—MERCHANT VESSELS LAUNCHED: WORLD TOTAL AND UNITED STATES

NOTE.—Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 378. Vessels under construction Dec. 31, 1933, numbered 206 of 757,277 gross tons

Calendar year	World				United States	
	Total		Steam and motor			
	Number	Gross tons	Number	Gross tons	Number	Gross tons
1910-1914, average	1,533	2,739,079	1,180	2,631,779	162	252,864
1915-1920, average [1]	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921-1925, average	942	2,581,653	880	2,531,592	99	315,114
1926-1930, average	873	2,468,515	808	2,427,929	74	158,788
1922	852	2,467,084	745	2,425,729	59	119,138
1923	701	1,643,181	620	1,614,790	83	172,817
1924	924	2,247,751	838	2,200,741	79	139,463
1925	855	2,193,404	742	2,142,325	101	128,776
1926	600	1,674,977	525	1,630,134	78	150,613
1927	802	2,285,679	734	2,239,522	66	179,218
1928	869	2,699,239	809	2,660,321	63	91,357
1929	1,012	2,793,210	981	2,774,191	63	126,063
1930	1,084	2,889,472	991	2,835,476	100	246,687
1931	596	1,617,115	569	1,603,551	57	205,865
1932	307	726,591	295	724,287	18	143,559
1933	330	489,016	311	479,559	14	10,771

[1] Figures during the war period are shown only for allied and neutral countries.

Source: Lloyd's Register of Shipping.

No. 441.—MERCHANT MARINE OF THE WORLD AND THE UNITED STATES

NOTE.—Vessels of 100 tons and over. Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on the Great Lakes and vessels on the Caspian Sea are not included. Japanese sailing vessels and most sailing vessels belonging to Greece, Turkey, and southern [illegible]. Figures for Philippine Islands are included with United States beginning with [illegible]. p. 378

Year	World total	United States	Year	World total	United States	Year	World total	United States
	1,000 tons	*1,000 tons*		*1,000 tons*	*1,000 tons*		*1,000 tons*	*1,000 tons*
1895	25,086	2,165	1920	57,314	16,049	1929	68,074	14,482
1900	28,957	2,750	1925	64,641	15,377	1930	69,608	14,046
1905	35,998	3,996	1926	64,784	14,879	1931	70,131	13,642
1910	41,913	5,059	1927	65,193	14,670	1932	69,734	13,547
1915	49,262	5,893	1928	66,955	14,633	1933	67,920	13,358

	Number					Thousands of tons (see headnote)					
	1910	1920	1930	1932	1933	1910	1914	1920	1930	1932	1933
World total	30,058	31,595	32,713	32,247	31,700	41,915	49,090	57,314	69,608	69,734	67,920
Steam and motor	22,008	26,513	29,996	29,932	29,515	37,201	45,404	53,905	68,024	68,368	66,628
Steel and iron	20,403	23,382	27,595	27,635	27,181	36,769	44,934	51,661	67,304	67,737	66,033
Wood and composite	1,605	3,131	2,401	2,297	2,334	521	470	2,244	720	631	595
Sailing	8,050	5,082	2,717	2,315	2,185	4,624	3,686	3,409	1,584	1,366	1,293
Steel and iron	2,115	1,314	742	727	723	2,508	2,095	1,524	654	608	590
Wood and composite	5,935	3,768	1,975	1,588	1,462	2,116	1,590	1,885	930	758	703
United States	3,469	5,457	4,223	3,946	3,845	5,059	5,368	16,049	14,046	13,547	13,358
Steam and motor	1,712	4,110	3,517	3,351	3,287	3,827	4,330	14,574	13,202	12,820	12,660
Steel and iron	1,270	3,242	3,001	2,906	2,878	3,602	4,120	13,341	12,914	12,587	12,467
Wood and composite	442	868	516	445	409	226	210	1,234	288	233	194
Sailing	1,757	1,347	706	595	558	1,232	1,038	1,475	844	726	698
Steel and iron	139	154	147	140	142	245	236	304	288	272	273
Wood and composite	1,618	1,193	559	455	416	987	803	1,171	556	454	424

Source: Lloyd's Register of Shipping.

No. 442.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL: By Nationality of Vessel

NOTE.—See general note, p. 378. 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:					Japanese:				
1915–1933, total	73,960	338,194	312,484	339,048	1931	193	1,020	1,052	1,105
1918	2,069	6,574	6,480	7,532	1932	179	980	992	1,032
1919	2,024	6,125	6,173	6,917	1933	217	1,180	1,154	1,160
1920	2,478	8,546	8,514	9,374	Chilean:				
1921	2,892	11,416	11,277	11,599	1931	42	171	167	99
1922	2,736	11,417	11,198	10,885	1932	5	9	8	6
1923	3,967	18,606	17,508	19,568	1933	7	27	25	28
1924	5,230	26,149	24,291	26,995	Danish:				
1925	4,673	22,855	21,401	23,959	1931	120	611	520	606
1926	5,197	24,775	22,931	26,037	1932	105	561	472	521
1927	5,475	26,228	24,229	27,748	1933	113	531	423	449
1928	6,456	29,459	26,944	29,631	Dutch:				
1929	6,413	29,838	27,127	30,663	1931	125	579	473	478
1930	6,185	29,981	27,077	30,030	1932	117	553	449	441
1931	5,529	27,792	24,645	25,083	1933	80	500	414	381
1932	4,506	23,625	20,707	19,808	Danzig:				
1933	4,494	22,822	19,620	18,178	1931	27	185	165	186
United States:					1932	33	244	217	239
1915–1933, total	32,603	161,050	149,259	165,225	1933	44	344	305	348
1918	567	1,704	1,714	2,098	French:				
1919	784	2,257	2,327	2,759	1931	110	610	523	508
1920	1,129	3,791	3,806	4,547	1932	81	455	372	339
1921	1,210	4,862	4,785	5,163	1933	66	382	305	249
1922	1,095	4,972	4,867	4,951	Swedish:				
1923	1,994	10,209	9,474	11,055	1931	111	528	425	722
1924	2,947	15,807	14,483	16,654	1932	114	539	435	761
1925	2,326	12,271	11,302	13,080	1933	88	423	321	403
1926	2,432	12,565	11,540	13,711	Spanish:				
1927	2,685	13,915	12,720	15,242	1931	9	23	22	27
1928	2,753	13,753	12,646	14,249	1932	2	8	7	8
1929	2,700	13,326	12,300	14,076	1933				
1930	2,885	14,534	13,221	14,499	Italian:				
1931	2,417	12,602	11,426	11,805	1931	67	468	405	237
1932	1,917	10,791	9,749	8,835	1932	67	479	414	215
1933	1,686	10,099	8,934	7,988	1933	52	395	317	189
British:					German:				
1931	1,390	7,518	6,581	5,971	1931	369	1,412	1,204	1,262
1932	1,054	5,906	5,072	4,638	1932	338	1,281	1,073	1,079
1933	1,039	5,660	4,814	4,171	1933	325	1,011	823	813
Norwegian:					Miscellaneous:				
1931	363	1,749	1,404	1,720	1931	186	316	278	357
1932	311	1,530	1,215	1,427	1932	183	287	232	267
1933	407	2,014	1,571	1,773	1933	370	257	214	225

No. 443.—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. 378

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
1919	2,024	7,877	6,125	6,917	2,740	4,176
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

[1] Panama Canal measurement.

Source of Tables 442 and 443: Report of the Governor of the Panama Canal.

No. 444.—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	Business expenses	Net revenues (surplus)
1919	$6,156,119	$197,898	$6,354,017	$6,112,195				$61,027
1920	8,493,083	442,789	8,935,872	6,548,272				239,686
1921	11,261,919	778,197	12,040,117	9,328,300	2,711,817	15,232,317	14,668,106	564,211
Total, 1914 to 1921 [1]	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 [1]	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	7,919,018	3,466,575	7,747,228	7,423,968	323,259
1923	17,507,631	184,214	17,691,844	7,690,778	10,001,067	10,872,843	9,732,201	1,140,643
1924	24,289,603	392,251	24,681,854	8,373,905	16,307,949	12,968,777	12,067,153	901,624
1925	21,374,664	207,954	21,582,618	8,116,693	13,465,925	14,564,115	13,798,198	765,917
1926	22,927,456	217,680	23,145,137	7,993,468	15,151,668	15,874,478	15,033,188	841,310
1927	24,217,185	391,624	24,608,809	8,997,715	15,611,094	15,878,655	15,002,118	876,537
1928	26,943,513	232,533	27,176,046	8,951,201	18,224,845	16,929,247	16,192,528	736,719
1929	27,123,534	243,391	27,366,926	9,637,151	17,729,775	17,236,785	16,498,935	737,850
1930	27,077,117	349,255	27,426,373	9,343,921	18,082,452	19,865,895	19,104,924	760,972
1931	24,644,550	346,030	24,990,581	10,143,354	14,847,227	17,774,467	17,211,703	562,764
1932	20,706,568	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
Grand total	312,191,866	4,815,166	317,007,031	152,148,155	164,858,876	255,286,366	244,845,657	10,440,710

[1] To and including 1921 [illegible] in last column are included in "Taxes, licenses, etc.," [illegible] transit operations"; therefore the $480,725 shown under t[illegible] total this item is transferred to "Surplus from business operations" by [illegible] in this column $379,862, which is added to "Business expenses." To [illegible] plus from business operations," is also added $619,585 interest on p[illegible] received prior to June 30, 1921, but not taken up as a canal revenue.

No. 445.—MARINE WRECKS AND CASUALTIES OCCURRING TO VESSELS OF THE UNITED STATES: BY REGIONS

NOTE.—The table covers all disasters [illegible]ng to $300 or more. The figures exclude some reports of casualties to [illegible] the closing of the report for the year which are not distributed by [illegible]es vessels in the Panama Canal Zone are not included in the table; [illegible]ls involved, 4; tonnage, 16,569; property loss, $443,410; persons on board, 113; 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:									
1905–1910	358	1,091	145	1,666	10,781	2,671	17,038	21,954	461
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	251	473	64	1,490	11,869	1,566	8,789	15,209	118
1933	243	515	63	1,657	9,658	736	4,765	16,273	142
Atlantic, Gulf, and Pacific coasts:									
1926–1930	167	451	56	1,762	9,233	1,783	6,600	12,541	116
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
Great Lakes:									
1926–1930	20	90	15	315	2,433	318	1,433	2,388	31
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
Rivers of the United States:									
1926–1930	54	103	5	224	1,542	110	1,548	2,414	14
1931	60	63	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
At sea and on foreign coasts:									
1926–1930	32	136	45	557	4,440	1,947	2,250	6,029	58
1931	22	110	12	509	3,224	197	2,605	5,463	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

Sources: Table 444, Report of the Governor of the Panama Canal; Table 445, U. S. Coast Guard, Treasury Department.

No. 446.—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. 378. The number of tugs is shown under "All other" except as noted; there is no tonnage for these

Origin and class	1932	1933	
	Deadweight tons	Number	Deadweight tons
Grand total	[1]3,071,610	[2] 285	[2]2,425,734
ORIGIN			
Requisitioned steel	544,937	46	402,351
Contract steel	2,379,926	218	1,890,866
Contract wood or concrete		[3] 3	
Purchased	92,798	9	77,004
Seized enemy	53,949	5	53,949
All other		[4] 4	1,564
CLASS			
Steel	[1]3,071,610	[2] 282	[2]2,425,734
Cargo (completed)	2,949,909	264	2,308,081

Class	1932	1933	
	Deadweight tons	Number	Deadweight tons
Steel—Continued.			
Cargo and passenger	42,024	4	42,024
Refrigerators	70,277	9	64,665
All other	9,400	5	10,964
Wood, composite, and concrete		[4] 3	
Active steel	858,697	54	453,831
Cargo	858,697	51	453,831
All other		[3] 3	
Inactive steel	2,212,913	228	1,971,903
Cargo	2,100,612	214	1,863,650
Cargo and passenger	42,024	4	42,024
Refrigerators	70,277	9	64,665
All other		1	1,564

[1] Includes 1,032,924 deadweight tons, sold for scrapping, in process of delivery; also 65,236 deadweight tons returned to United States Shipping Board.
[2] Includes 13 vessels of 105,605 deadweight tons transferred or returned to Board during year.
[3] Tugs.
[4] Includes 3 steel tugs.

No. 447.—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		
	1930	1931	1932	1930	1931	1932	1930	1931	1932
Total commerce	[2] 111,053	[2] 87,567	[2] 70,441	56,473	45,340	35,354	20,590	16,742	14,599
Inbound	59,229	45,615	36,933	40,136	32,626	26,336	5,448	4,115	3,482
Outbound	60,868	49,228	39,247	16,337	12,714	9,018	15,142	12,627	11,117
With foreign countries [3]	97,294	75,913	60,555	47,167	37,542	28,934	19,030	15,424	13,213
Imports	47,563	35,864	28,710	33,225	26,745	21,372	4,801	3,555	2,918
Exports	49,731	40,049	31,845	13,942	10,797	7,562	14,229	11,869	10,295
Intercoastal				8,050	6,448	4,929	994	827	810
Inbound	9,044	7,276	5,739	6,073	4,962	3,816	429	367	308
Outbound	9,044	7,276	5,739	1,977	1,486	1,113	565	460	502
With noncontiguous territories [4]	4,715	4,378	4,147	1,256	1,350	1,491	566	491	576
Imports	2,622	2,475	2,484	838	919	1,148	218	193	256
Exports	2,093	1,903	1,663	418	431	343	348	298	320

	Pacific coast ports			Great Lakes ports			Ports in all territories and possessions [5]		
Total commerce	26,807	21,750	17,391	16,227	11,011	8,836	[6] 8,156	[6] 7,363	[6] 6,941
Inbound	7,013	5,366	4,420	6,632	3,508	2,696	[6] 4,143	[6] 3,586	[6] 4,392
Outbound	19,794	16,384	12,972	9,595	7,503	6,139	[6] 4,013	[6] 3,777	[6] 2,549
With foreign countries [3]	14,870	11,937	9,572	16,227	11,010	8,836	[6] 575	[6] 430	[6] 584
Imports	2,905	2,056	1,724	6,632	3,508	2,696	[6] 530	[6] 371	[6] 552
Exports	11,965	9,881	7,848	9,595	7,502	6,139	[6] 45	[6] 59	[6] 32
Intercoastal	9,044	7,276	5,739		1				
Inbound	2,542	1,947	1,615						
Outbound	6,502	5,329	4,124		1				
With noncontiguous territories [4]	2,893	2,537	2,080				[1] 7,581	[1] 6,933	[1] 6,357
Imports	1,566	1,363	1,081				[1] 3,613	[1] 3,215	[1] 3,840
Exports	1,327	1,174	1,000				[1] 3,968	[1] 3,718	[1] 2,517

[1] [illegible] ited.
[2] [illegible]
[3] [illegible] tates ports, Philippine Islands, Virgin Islands, and Canal Zo[illegible]
[4] [illegible] oa.
[5] [illegible] 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 446 and 447: United States Shipping Board Bureau, Department of Commerce.

No. 448.—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	18,020	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	40,899	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	47,562	1,429	23,394	10,451	12,289	49,731	3,236	11,678	17,210	17,607
1931	35,864	1,086	16,028	7,288	11,462	40,049	2,605	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
Per cent distribution:										
1921	100.0	15	56	29		100.0	15	23	62	
1933	100.0	3	39	24	34	100.0	2	24	31	43
Dry cargoes:										
1921	15,823	2,173	6,177	7,473		42,660	6,604	9,561	26,495	
1923	27,962	2,724	8,253	7,531	9,454	39,592	6,713	7,104	13,985	11,790
1924	26,242	2,267	8,462	6,914	8,599	41,204	6,460	8,290	14,146	12,308
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	1,086	7,294	5,740	8,974	28,202	2,605	6,173	10,533	8,891
1932	17,357	633	5,202	4,250	7,182	21,774	1,698	4,774	8,360	6,942
Per cent distribution:										
1921	100.0	14	39	47		100.0	15	23	62	
1932	100.0	4	31	24	41	100.0	8	22	38	32
Tanker cargoes:										
1921	17,362	2,662	12,443	2,257		5,980	725	1,667	3,588	
1923	15,334	307	11,500	1,687	1,840	9,488	190	2,182	4,839	2,277
1924	14,657	396	11,168	1,492	1,601	11,057	203	3,363	4,721	2,770
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
Per cent distribution:										
1921	100.0	15	72	13		100.0	12	28	60	
1932	100.0	-------	65	15	20	100.0	-------	17	23	60
North Atlantic ports:										
1929	33,807	1,278	14,224	8,436	9,869	16,278	1,896	2,976	5,499	5,907
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
South Atlantic ports:										
1929	1,630	34	755	228	613	916	45	231	262	378
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
Gulf ports:										
1929	6,754	508	3,286	994	1,966	16,075	2,657	2,115	4,480	6,823
1930	4,801	369	2,076	625	1,731	14,229	1,886	1,795	3,443	7,105
1931	3,555	268	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
Pacific ports:										
1929	3,185	4	1,324	752	1,105	13,593	20	4,060	3,738	5,775
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	2,610	2,456	4,798
1932	1,724	(1)	642	476	606	7,848	10	2,038	1,697	4,103
Great Lakes ports:										
1929	5,609	-------	3,819	1,763	27	10,613	-------	3,921	6,645	47
1930	6,632	-------	5,344	1,283	5	9,595	-------	3,606	5,982	7
1931	3,509	-------	2,595	895	19	7,502	-------	2,087	5,403	12
1932	2,696	-------	1,847	786	63	6,139	-------	1,320	4,780	39

[1] Less than 500 tons.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 449.—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		
	1930	1931	1932	1930	1931	1932
Grand total	47, 562, 416	35, 864, 286	28, 710, 280	49, 730, 870	40, 049, 246	31, 844, 566
United Kingdom	1, 395, 915	934, 003	835, 630	7, 561, 352	5, 463, 620	4, 289, 504
England	922, 556	584, 601	562, 415	6, 655, 968	4, 778, 987	3, 856, 084
Ireland	9, 379	7, 033	2, 653	412, 780	274, 923	182, 776
Scotland	177, 747	172, 314	130, 988	429, 696	360, 691	216, 096
Wales	286, 233	170, 055	139, 574	62, 908	49, 019	33, 948
North Atlantic and Baltic Europe	1, 739, 162	1, 279, 519	1, 160, 645	1, 619, 315	1, 456, 656	1, 015, 781
Greenland	6, 500	6, 212	2, 900	3	400	
U. S. S. R. (Russia)	391, 255	95, 455	120, 683	73, 922	77, 138	10, 890
Finland	173, 895	201, 362	185, 166	86, 107	68, 508	43, 220
Norway	357, 139	213, 248	254, 973	266, 405	208, 243	143, 889
Sweden	742, 752	699, 871	541, 974	491, 616	390, 043	314, 030
Denmark	31, 565	18, 108	9, 020	609, 128	619, 643	361, 317
Danzig	18, 673	27, 534	14, 240	35, 858	13, 344	2, 062
Poland	15, 163	8, 541	15, 225	5, 600	7, 760	39, 051
Germany	6		3, 013	34, 977	63, 577	81, 892
Estonia	1, 164	9, 178	12, 441			
Latvia				4, 150		3, 930
Lithuania				11, 549	8, 000	15, 500
Havre-Hamburg range	3, 098, 283	2, 300, 068	1, 896, 386	8, 080, 577	6, 812, 646	5, 560, 660
Germany	1, 313, 331	975, 596	800, 799	3, 005, 661	2, 304, 388	1, 933, 287
Netherlands	637, 313	470, 561	493, 909	2, 046, 428	1, 790, 444	1, 272, 434
Belgium	942, 438	703, 620	503, 321	1, 423, 567	1, 332, 432	1, 039, 605
France	205, 201	150, 291	98, 357	1, 604, 921	1, 385, 382	1, 315, 334
South Atlantic Europe	529, 605	389, 499	326, 837	855, 045	739, 733	815, 933
France	37, 609	19, 677	10, 213	403, 278	443, 819	558, 839
Portugal	41, 042	39, 305	33, 169	134, 175	50, 317	37, 836
Spain	450, 165	330, 239	283, 118	255, 725	202, 917	183, 763
Azores Islands	203	214	131	3, 738	2, 053	1, 227
Canary Islands	207	64	200	51, 730	37, 670	34, 020
Madeira	319		6	6, 399	2, 957	248
West Mediterranean	1, 011, 058	573, 782	367, 620	2, 388, 669	1, 769, 292	1, 595, 635
Spain	206, 571	102, 428	72, 458	327, 834	275, 634	236, 273
France	89, 389	49, 581	36, 095	439, 717	431, 412	554, 728
Italy	409, 059	281, 229	221, 161	1, 399, 832	928, 744	755, 299
Yugoslavia	6, 677	6, 941	3, 308	23, 771	6, 648	3, 312
Malta	12			8, 720	6, 641	7, 035
Tunisia	24, 938	153	2, 545	26, 140	20, 950	7, 184
Algeria	242, 902	86, 590	31, 687	156, 883	97, 228	29, 546
Morocco	31, 510	46, 860	366	5, 772	2, 035	2, 258
East Mediterranean and Black Sea	731, 988	858, 287	596, 983	535, 489	419, 134	380, 506
Rumania	5, 299	9, 038	23, 966	10, 207	3, 568	5, 626
U. S. S. R. (Russia)	537, 255	736, 725	453, 988	173, 602	134, 201	14, 896
Turkey	47, 310	32, 169	49, 392	14, 958	4, 708	2, 938
Cyprus	2, 233	1, 276	316	1		
Greece	83, 759	50, 447	41, 108	209, 150	192, 466	271, 308
Egypt	49, 276	20, 697	22, 282	110, 085	74, 157	55, 763
Palestine	166	135	247	8, 025	4, 502	6, 263
Syria	5, 966	6, 581	5, 335	8, 188	5, 532	3, 152
West Indies	11, 240, 957	8, 996, 201	7, 227, 284	3, 130, 073	2, 035, 949	1, 237, 510
Cuba	3, 782, 737	2, 994, 649	2, 590, 867	1, 725, 702	1, 107, 026	642, 839
Jamaica	349, 128	258, 919	106, 604	145, 674	101, 965	56, 881
Bahama Islands	17, 785	13, 678	6, 684	34, 539	22, 376	16, 047
Haiti	35, 452	24, 134	31, 808	59, 522	49, 213	44, 246
Dominican Republic	133, 683	134, 832	107, 892	86, 017	65, 404	51, 582
Lesser Antilles	6, 918, 976	5, 566, 855	4, 382, 153	1, 036, 121	628, 513	395, 476
Bermudas	3, 196	3, 134	1, 276	42, 498	61, 452	30, 439
Mexico	2, 087, 990	1, 672, 513	1, 692, 394	582, 378	377, 709	329, 476
Central America	1, 205, 201	1, 060, 916	863, 701	1, 168, 061	962, 803	543, 952
British Honduras	46, 236	18, 643	7, 086	14, 378	14, 512	14, 545
Guatemala	147, 183	121, 186	93, 481	71, 309	60, 396	46, 392
Honduras	614, 411	555, 899	345, 499	82, 172	66, 504	61, 255
Nicaragua	105, 247	79, 173	94, 067	48, 215	37, 666	16, 633
Costa Rica	90, 753	95, 798	126, 262	27, 825	28, 990	21, 449
Panama	53, 082	60, 935	75, 328	19, 233	4, 394	2, 899
Canal Zone	134, 476	121, 879	117, 044	867, 596	726, 386	359, 728
El Salvador	13, 813	7, 403	4, 334	37, 333	23, 955	21, 051

No. 449.—Cargo Tonnage of Water-Borne Imports and Exports: By Trade Regions and Individual Countries—Continued

Foreign origin or destination	Imports			Exports		
	1930	1931	1932	1930	1931	1932
North Coast South America	6,014,781	5,102,783	4,783,663	332,133	173,308	123,422
Venezuela	3,603,541	3,059,657	2,968,086	174,831	93,870	70,794
British Guiana	124,624	135,424	71,894	14,218	5,282	3,472
Surinam (Netherland Guiana)	257,893	189,482	126,869	16,907	11,234	8,895
French Guiana	22	168	4	2,590	2,551	3,044
Colombia	2,028,701	1,718,052	1,616,810	123,587	60,371	37,217
East Coast South America	1,517,039	1,418,689	906,547	2,129,137	1,466,247	1,192,364
Brazil	753,221	795,800	537,262	707,730	673,325	735,891
Uruguay	51,511	29,177	22,285	262,210	143,495	51,693
Argentina	700,235	574,682	347,000	1,159,117	628,829	404,780
South Atlantic Islands	12,072	19,030	----------	80	20,598	----------
West Coast South America	2,961,422	1,691,033	598,393	1,152,551	704,304	203,174
Colombia	23,756	34,158	25,067	24,776	16,857	6,783
Chile	2,463,742	1,441,350	366,276	921,823	566,848	132,506
Peru	306,691	86,468	82,259	184,852	94,115	54,725
Ecuador	167,233	129,057	124,791	21,100	26,484	9,160
West Africa	288,042	296,581	177,788	251,910	180,639	133,350
Morocco	20,869	13,725	11,028	52,458	21,763	11,232
Cape Verde Islands	21	30	894	5,699	2,140	2,188
Senegal	4,279	20	----------	18,037	36,746	18,385
Sierra Leone	724	2,567	2,309	9,057	6,528	5,348
Liberia	263	156	113	1,636	923	591
Ivory Coast	24,732	20,874	9,853	8,978	7,587	6,618
Gold Coast	136,448	168,162	85,363	49,108	38,118	31,129
Togo	21	----------	----------	3,400	3,009	2,435
Dahomey	2,484	3,488	2,439	6,834	4,571	3,107
Nigeria	72,102	65,593	48,716	48,201	28,845	26,317
Cameroons	1,399	397	110	7,215	4,626	2,865
Gabon	65	----------	17	6,395	2,260	3,626
Belgian Congo	23,340	21,389	16,864	13,573	9,296	6,756
Southwest Africa	1,275	80	----------	6,020	3,318	1,873
Angola	8	86	82	8,212	6,016	6,486
South and East Africa	285,897	123,985	66,435	452,851	363,092	211,463
Union of South Africa	48,959	21,858	22,484	299,942	250,285	125,580
Mozambique	209,880	97,826	40,557	99,598	76,133	58,781
British East Africa	[1] 4,803	[1] 1,425	[1] 150	[1] 35,658	[1] 20,913	[1] 9,337
French Somaliland	913	2,876	3,244	1,593	3,542	1,032
Madagascar	1,342	----------	----------	8,129	7,460	7,395
Mauritius Island	----------	----------	----------	5,552	2,957	5,378
Australia and Antarctic Region	420,828	207,254	83,745	1,391,934	838,589	1,008,257
New Guinea	17,218	5,435	2,191	3,840	2,574	1,626
New Zealand	58,463	48,527	15,149	479,899	344,907	314,113
Australia	257,491	74,049	31,073	870,587	471,986	672,528
Fiji Islands	15,337	6,034	3,007	6,898	3,807	2,415
New Caledonia	41,215	28,780	16,602	2,351	1,311	2,354
Society Islands	9,181	11,294	5,945	8,487	6,142	6,406
Solomon Islands	2,274	550	275	241	104	----------
Tasmania	277	32	----------	13,723	4,765	6,679
East Indies	887,226	846,534	821,140	361,099	232,815	163,760
Straits Settlements	462,736	435,762	320,928	78,418	40,777	22,021
French Indo-China and Siam	2,749	1,940	7,305	32,850	25,017	30,901
Sumatra	96,670	118,482	129,659	63,333	15,857	9,714
Java	277,698	243,263	275,846	168,394	142,110	87,934
Borneo	6,796	6,588	4,131	4,403	386	10,852
Celebes	29,845	27,705	66,545	8,971	8,216	2,338
East Asia	1,854,862	1,700,942	1,665,107	5,795,706	6,126,187	4,910,733
China	268,485	270,460	129,338	1,534,058	2,026,467	1,216,226
U. S. S. R. (Russia)	2,045	2,530	2,090	11,761	----------	----------
Japan	377,978	308,152	299,566	3,689,295	3,571,978	3,211,406
Philippine Islands	1,206,354	1,119,800	1,234,113	560,592	527,742	483,102
India, Persian Gulf, and Red Sea	863,476	660,312	432,330	350,568	339,559	185,114
Anglo Egyptian Sudan	5,665	3,537	3,974	2,284	363	----------
Egypt	12,994	645	382	452	242	394
Aden	3,922	----------	----------	2,503	----------	----------
Iraq	21,292	22,872	23,015	----------	206	9
Arabia	24	3,610	3,060	992	8,486	3,368
India	740,054	565,039	351,151	310,874	305,793	167,071
Ceylon	79,525	64,504	50,748	33,463	22,755	12,542
Canada	9,448,684	5,751,405	4,207,652	11,592,022	9,586,964	7,943,972
Pacific	1,143,194	711,192	537,081	1,095,457	988,957	910,809
Atlantic and Newfoundland	1,673,997	1,531,662	1,015,872	900,903	1,096,353	929,527
Great Lakes	6,631,493	3,508,551	2,654,699	9,595,662	7,501,654	6,103,636

[1] Kenya and Tanganyika Territory only.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 450.—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		
	1930	1931	1932	1930	1931	1932
North Atlantic District	31,436,551	25,348,505	20,386,921	13,110,198	10,205,495	6,946,480
Maine, total	952,571	726,083	476,292	79,748	60,279	92,075
Portland	740,749	437,788	266,520	79,400	57,856	86,475
New Hampshire: Portsmouth	58,475	47,764	21,630	101	2,500	1,204
Vermont	585	372				
Massachusetts, total	3,328,741	2,781,252	2,231,152	286,598	210,152	195,508
Boston	2,385,564	2,228,622	1,779,429	275,327	207,107	194,108
Everett	88,748	20,850	11,800			
Fall River	729,875	462,696	373,050	2,023	2,215	
Rhode Island, total	685,751	671,841	419,532	586	186	3,411
Providence	684,031	671,841	419,532	357	186	3,411
Connecticut, total	47,435	65,524	40,557	10	4,368	9,361
New Haven	11,113	13,164	13,807	10	4,368	9,356
New London	17,956	19,766	13,275			5
New York, total [1]	15,406,822	12,874,085	10,890,255	7,879,572	6,000,251	4,191,736
New York [1]	15,318,601	12,707,818	10,679,148	7,862,282	5,991,868	4,125,472
New Jersey, total			12,663	21,913	28,112	4,181
Paulsboro			9,100	21,913	28,112	4,181
Pennsylvania: Philadelphia [1]	4,209,169	3,174,599	2,917,461	1,773,323	1,507,552	1,071,144
Delaware, total	416,546	342,087	256,328	952	1,247	1,134
Claymont	144,153	95,631	94,640	530	1,247	
Wilmington	272,393	246,456	161,688	422		1,134
Maryland: Baltimore	5,502,169	3,950,276	2,639,876	969,485	794,029	540,509
District of Columbia		720				
Virginia, total	828,287	713,902	481,175	2,097,910	1,596,819	836,217
Newport News	112,853	121,591	86,705	664,964	488,445	208,673
Norfolk	715,434	592,311	394,470	1,430,291	1,044,274	477,062
South Atlantic District	1,740,599	1,395,782	985,236	809,875	592,519	615,494
North Carolina: Wilmington	244,707	220,683	77,653	13,293	7,069	12,488
South Carolina, total	403,983	313,794	276,359	189,015	108,811	111,773
Charleston	403,983	313,794	276,359	180,818	104,351	109,865
Georgia, total	510,497	428,799	286,045	336,184	283,404	250,834
Brunswick	29,689	39,067	27,856	51,814	41,072	43,351
Savannah	480,808	389,732	258,189	284,370	242,332	207,483
Florida, east coast, total	581,412	432,506	345,179	271,383	193,235	240,399
Fernandina			893	65,382	39,200	41,555
Jacksonville	401,924	277,114	232,806	189,632	143,326	193,242
Miami	178,124	155,192	111,480	15,544	9,105	5,602
Gulf District	4,799,366	3,555,397	2,917,670	14,250,975	11,869,010	10,295,497
Florida, west coast, total	398,725	279,198	196,660	1,695,881	1,212,977	885,341
Boca Grande		60	11	167,992	201,443	115,518
Key West	102,959	57,062	63,681	189,680	95,652	40,034
Pensacola	117,467	72,163	27,132	234,115	198,349	215,333
Tampa	178,299	135,674	84,635	1,089,638	699,080	492,667
Alabama: Mobile	344,397	254,381	223,854	431,095	367,737	470,233
Mississippi: Gulfport	77,791	46,301	17,576	236,339	100,033	91,017
Louisiana, total	3,117,414	2,322,621	1,963,379	4,172,917	3,024,513	2,460,609
Baton Rouge	162,458	111,868	165,576	957,143	960,447	769,461
Lake Charles	25,358	12,823	2,990	94,860	96,513	112,985
New Orleans	2,929,598	2,197,930	1,794,813	3,088,445	1,924,189	1,543,798
Texas, total	860,539	652,896	516,201	7,714,743	7,163,750	6,388,297
Beaumont	7,062	4,222	4,359	467,256	424,314	352,036
Corpus Christi	4,806	4,629	2,557	297,383	265,845	209,955
Freeport				167,277	149,606	112,657
Galveston	304,029	228,054	205,796	1,317,876	1,201,691	1,374,498
Houston	339,222	253,855	145,232	4,165,243	3,606,020	2,730,917
Orange	11,064	10,235	1,735	34,378	4,597	5,982
Port Arthur	121,743	86,373	149,680	1,099,914	1,362,903	1,496,102
Sabine				8,400		
Texas City	61,813	65,528	6,842	127,056	122,383	80,169

[1] Includes commerce of New Jersey ports which enters or clears through this customhouse.

No. 450.—Cargo Tonnage of Water-Borne Imports and Exports: By States and Individual Ports—Continued

State and port	Imports			Exports		
	1930	1931	1932	1930	1931	1932
Pacific District	2,904,927	2,056,051	1,724,254	11,966,736	9,880,568	7,847,662
California, total	1,796,613	1,359,602	1,109,492	8,446,339	6,773,545	6,045,899
Eureka		1,004		23,183	9,510	5,785
Los Angeles	647,169	537,603	420,698	5,854,936	4,324,304	3,568,487
San Diego	21,780	12,158	7,771	10,793	7,000	1,366
San Francisco[2]	1,127,301	808,727	681,021	2,060,105	1,945,003	1,780,542
Port San Luis	67	110	2	491,073	476,870	623,122
Oregon, total	103,056	87,898	63,578	1,445,036	1,205,728	654,587
Astoria	234	1,009	87	80,353	86,179	34,998
Coos Bay				128,669	90,741	42,624
Portland	95,132	80,545	63,491	1,117,459	961,700	543,343
Prescott				24,956	15,506	12,636
Wauna				53,004	8,856	4,070
Westport				21,304	10,501	7,878
Washington, total	1,005,258	608,551	551,184	2,075,361	1,901,295	1,147,176
Anacortes	30,545	18,856	1,320	26,139	4,104	3,503
Bellingham	16,183	7,504	15,843	70,624	51,692	36,794
Everett	14,567	28,665	5,014	201,841	157,154	54,717
Grays Harbor	1,693	2,132	500	347,180	295,609	145,603
Longview	2,729	4,276	2,782	112,668	95,113	88,818
Olympia	1,687	1,426	106	219,052	170,931	50,828
Port Angeles	164,176	98,255	84,777	13,550	31,185	11,764
Port Townsend	40,772	11,456	81,185	11,083	11,915	2,419
Seattle	359,865	222,206	218,893	520,292	536,911	353,190
Tacoma	364,315	207,551	139,960	486,175	473,876	340,536
Vancouver		500		572		1,876
Willapa Harbor		200		13,484	22,162	28,914
Great Lakes District	6,631,493	3,508,551	2,696,199	9,597,262	7,501,654	6,139,433
New York, total	3,077,085	2,360,608	1,874,530	2,455,097	1,930,923	1,592,524
Buffalo	2,627,369	2,009,729	1,644,357	826,889	790,926	824,525
Ogdensburg	141,348	92,033	79,300	4,239	135	
Oswego	299	9,564	35,322	41,954	76,441	61,527
Rochester	112,979	131,538	67,240	860,221	697,281	415,564
Sodus Point				701,268	354,210	274,818
Tonawanda	19,020	50,325	4,928			
Waddington	129,800	56,800	28,070			
Pennsylvania: Erie	419,041	209,840	105,380	1,206,612	1,136,093	409,532
Ohio, total	871,202	116,748	96,636	4,334,554	3,227,490	3,421,454
Ashtabula	3,342	3,186	14,312	365,348	643,617	877,632
Cleveland	120,051	67,009	33,192	654,055	392,861	456,621
Conneaut		2,500		110,742	156,875	182,670
Fairport	12,281	15,646	7,880	266,632	151,543	498,116
Lorain	10,132	6,484	4,000	464,793	184,510	95,278
Sandusky	49,563	1,370	2,120	967,891	738,663	377,661
Toledo	673,707	15,450	35,132	1,486,311	950,747	933,476
Indiana	2,421	4,494	160	135,059	117,538	13,861
Illinois, total	277,861	188,241	154,054	80,890	66,816	324,385
Chicago	277,861	188,241	154,054	75,109	66,816	324,385
Michigan, total	1,656,783	428,663	344,077	678,989	456,158	294,578
Algonac		2,412	2,300	23,250	7,350	
Bay City	46,902	20,851	8,500	39,851		14,563
Detroit	1,295,597	215,630	151,500	175,229	221,548	244,238
Escanaba		8,918	4,994	215,178	116,729	10,075
Marquette				157,150	88,250	8,000
Port Huron	62,823	81,062	71,517	6,439	7	
Sault Ste. Marie	47,023	32,092	9,125	2,498	4,665	2,139
South Haven		12,978	56,710			
Wyandotte	145,570	23,200	1,815	1,050		6,300
Wisconsin, total	205,618	162,103	95,717	552,297	407,280	71,087
Ashland	142,848	87,866	7,000	109,783	118,591	9,784
Milwaukee	12,082	19,809	28,453	11,287		430
Superior	8,451	7,802	253	425,589	284,853	58,193
Minnesota, total	121,482	37,854	25,645	144,764	159,356	12,012
Duluth	121,482	37,854	25,645	141,531	156,625	11,560

[2] Includes all ports within San Francisco Bay.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 451.—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	1929	1930	1931	1932					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Imports, total	50,985	47,562	35,864	28,710	20,387	985	2,918	1,724	2,696
Wheat	2,195	2,585	1,823	1,646	3	-------	-------	1	1,642
Other grains	316	348	297	68	15	-------	-------	5	37
Oil seeds	663	378	477	257	240	-------	-------	15	2
Vegetable oils	532	502	452	342	262	-------	37	43	-------
Vegetables and vegetable products, n. e. s.	884	800	634	504	397	3	18	86	-------
Animal, fish, and dairy products	440	376	318	254	181	1	12	60	-------
Bananas	1,743	1,535	1,349	1,048	504	27	451	66	-------
Coconuts and copra	327	341	272	259	48	-------	26	185	-------
Other fruits and nuts	295	302	243	202	152	-------	38	11	-------
Sugar	4,399	3,104	2,743	2,617	1,943	104	403	90	18
Molasses	1,567	1,262	936	959	693	2	265	-------	-------
Coffee	690	751	801	693	455	5	158	76	-------
Cocoa	229	170	199	217	211	-------	1	5	-------
Tobacco and manufactures	45	46	40	32	26	-------	2	3	-------
Cotton	99	61	32	45	39	-------	-------	5	-------
Cotton manufactures	82	63	60	41	28	-------	1	12	-------
Wool	114	69	69	25	23	-------	-------	2	-------
Wool manufactures	28	15	12	13	12	-------	-------	-------	-------
Silk	38	29	34	31	10	-------	-------	21	-------
Silk manufactures	16	8	11	10	9	-------	-------	1	-------
Jute	92	46	57	32	29	-------	-------	2	-------
Jute manufactures	328	343	228	192	104	7	52	28	1
Other vegetable fibers and grasses	303	286	237	255	120	25	83	20	7
Textiles and manufactures, n. e. s.	90	67	55	54	40	1	6	5	2
Hides, skins, and manufactures	248	188	129	92	88	-------	1	3	-------
Furs and fur skins	13	11	9	10	9	-------	-------	1	-------
Rubber	566	526	535	427	380	2	6	39	-------
Pulpwood and wood pulp	2,144	2,731	2,184	1,732	1,137	-------	19	88	488
Paper stock, n. e. s.	236	145	63	47	33	6	2	6	-------
Paper and manufactures	467	638	607	682	314	26	63	102	176
Clays	346	295	190	125	115	-------	2	5	3
Clay manufactures	143	88	50	44	31	-------	1	12	-------
Coal and coke	665	825	707	740	691	-------	-------	48	-------
Petroleum and products	14,833	14,424	11,717	10,370	9,077	456	769	7	60
Gypsum	930	808	649	332	312	-------	6	14	-------
Pyrites	509	403	286	233	228	4	-------	1	-------
Nonmetallic minerals, n. e. s.	3,068	3,338	898	471	216	2	8	37	207
Iron ores	3,430	3,163	1,677	690	671	-------	11	8	-------
Manganese and manganese ore	760	607	537	107	99	-------	6	1	2
Iron and steel and manufactures	706	547	453	411	259	4	77	59	12
Copper and manufactures	584	513	359	215	146	-------	-------	68	1
Miscellaneous metals and mfrs.	752	671	509	358	101	-------	166	91	-------
Logs and lumber	1,541	1,220	727	465	235	-------	15	206	9
Dyeing and tanning materials	166	169	131	107	106	-------	-------	1	-------
Potash	755	796	442	225	104	80	30	6	5
Nitrates	1,094	683	691	302	107	125	39	32	-------
Other fertilizers	262	214	154	128	38	27	15	49	-------
Pigments, chemicals, and mfrs., n. e. s.	671	584	430	333	153	18	116	45	1
All other	521	488	361	278	192	1	12	54	19
Exports, total	57,475	49,731	40,049	31,845	6,946	615	10,295	7,848	6,139
Wheat	4,509	4,544	3,911	2,736	1,575	-------	599	132	430
Rye	76	21	18	75	37	-------	-------	-------	38
Corn	689	103	76	214	67	-------	13	-------	133
Barley	955	283	304	191	6	-------	13	127	45
Oats	117	33	38	33	11	-------	16	-------	5
Rice	165	118	133	116	3	-------	92	21	-------
Other grains	108	29	84	250	35	-------	208	7	-------
Wheat flour	1,431	1,290	935	526	229	-------	64	223	11
Oil-cake and meal	548	214	402	277	135	2	130	9	2
Vegetables and vegetable products, n. e. s.	234	239	192	291	133	4	107	30	15
Animal, fish, and dairy products	774	626	507	449	281	34	69	64	1
Fruits and nuts	790	743	924	830	254	5	6	564	-------
Sugar	121	135	110	123	111	-------	10	2	-------
Naval stores	374	321	271	270	3	202	64	2	-------
Tobacco and manufactures	286	292	255	211	157	6	47	1	-------
Cotton	1,736	1,501	1,590	2,104	34	147	1,864	59	-------
Cotton manufactures	66	45	42	50	35	11	4	-------	-------
Other textiles and manufactures	111	90	56	55	33	-------	15	1	6
Hides, skins, and manufactures	21	22	26	20	12	-------	1	7	-------
Rubber and manufactures	83	77	57	35	24	-------	3	7	-------
Paper stock and manufactures	279	244	248	228	110	1	16	101	-------

No. 451.—Cargo Tonnage of Water-Borne Imports and Exports: By Major Commodities and by Coastal Districts—Continued

Commodity	1929	1930	1931	1932					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Exports—Continued.									
Coal and coke	9,992	9,685	7,536	5,580	401	18	92	2	5,068
Petroleum and products	17,944	17,046	13,833	11,422	1,425	8	4,790	5,008	190
Sulphur	852	574	389	350	2	-------	345	1	3
Cement	111	106	67	52	29	-------	20	3	-------
Nonmetallic minerals and mfrs., n. e. s.	433	333	236	130	44	5	28	36	17
Iron ores	1,255	746	464	54	1	-------	-------	-------	53
Iron, steel, and manufactures	1,972	1,284	632	491	309	10	72	44	57
Machinery	706	550	315	101	90	-------	4	6	1
Vehicles	1,046	572	326	160	154	-------	1	4	1
Copper and manufactures	387	318	235	147	101	-------	8	37	-------
Ores, metals and manufactures, n. e. s.	297	255	195	124	29	-------	67	28	-------
Logs and lumber	5,583	4,169	3,175	2,166	53	116	870	1,125	1
Phosphates	1,122	1,228	917	574	4	42	527	1	-------
Other fertilizers	268	187	213	216	208	1	3	3	2
Pigments, chemicals, and mfrs., n. e. s.	533	510	456	567	335	-------	88	99	45
All other	1,501	1,198	882	624	476	3	40	90	16

Source: United States Shipping Board Bureau, Department of Commerce.

No. 452.—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. 378. 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	
	Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492
1850	3,169	1,179	3,167	1,194
1860	5,000	3,275	5,257	3,533
1870	6,270	2,886	6,362	2,807
1871–1875	8,462	2,997	8,514	2,994
1876–1880	12,184	2,792	12,197	2,807
1881–1885	13,604	2,931	13,781	2,917
1886–1890	13,479	2,602	13,655	2,593
1891–1895	16,801	2,816	16,965	2,876
1896–1900	20,931	3,989	21,077	4,007
1901–1905	24,551	5,939	24,633	5,918
1906–1910	29,651	8,071	29,156	8,036
1911–1915	36,035	11,879	35,954	12,061
1915–1920 [2]	38,071	13,440	40,137	13,511
1921–1925	52,959	13,334	53,578	13,075
1926–1930	63,768	15,293	64,441	15,319
1910–1914	35,212	11,408	34,965	11,614
1914–1920 [3]	37,604	13,169	39,417	13,190
1887	13,532	2,284	13,511	2,242
1888	12,956	2,437	13,252	2,417
1889	13,312	2,640	13,672	2,671
1890	15,366	2,741	15,429	2,720
1891	15,394	2,810	15,411	2,850
1892	18,180	2,833	18,258	2,903
1893	16,679	2,903	16,825	2,936
1894	17,025	2,965	17,306	2,966
1895	16,725	2,570	17,024	2,727
1896	17,453	3,536	17,819	3,596
1897	20,003	3,757	19,878	3,831
1898	21,700	3,879	21,892	3,856
1899	21,963	4,148	22,177	4,089
1900	25,534	4,629	23,618	4,663
1901	24,791	4,977	24,889	4,931
1902	24,361	6,293	24,242	6,202
1903	24,698	6,396	24,823	6,493
1904	24,111	5,841	24,192	5,824
1905	24,793	6,190	25,020	6,138
1906	27,401	6,754	26,970	6,814
1907	29,248	7,374	28,499	7,491
1908	30,444	8,095	30,198	8,084
1909	30,243	8,815	29,604	8,592
1910	30,917	9,319	30,510	9,196
1911	32,457	10,218	32,299	10,138
1912	34,659	11,499	34,706	11,711
1913	37,973	12,666	37,566	13,586
1914	40,052	13,337	39,743	13,440
1915	35,032	11,678	35,458	11,427
1916	37,744	13,806	38,946	13,477
1917	36,521	13,951	38,094	13,983
1918	31,101	14,356	31,869	14,145
1918 (July–Dec.)	16,113	8,916	16,112	9,360
1919	36,381	10,320	40,750	10,506
1920	51,532	12,572	54,981	12,837
1921	49,958	12,327	50,423	12,242
1922	51,701	13,490	51,799	13,040
1923	52,775	13,544	53,215	13,409
1924	54,726	13,565	55,294	13,616
1925	55,636	13,742	57,160	13,069
1926	63,759	13,174	65,583	13,458
1927	58,921	15,389	59,759	15,682
1928	62,809	17,402	63,331	17,336
1929	66,852	15,749	67,030	15,313
1930	66,499	14,753	66,500	14,808
1931	60,427	12,355	61,204	12,297
1932	55,229	9,607	54,900	9,547
1933	51,564	9,372	52,083	9,204

[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. 453.—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 452

Customs district	1930		1931		1932		1933	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	81,253	81,307	72,782	73,501	64,837	64,446	60,936	61,287
Seaports, total	66,499	66,500	60,427	61,204	55,229	54,900	51,564	52,083
North Atlantic coast, total	32,954	30,954	30,551	29,333	28,121	26,192	26,332	24,798
Maine and New Hampshire	899	655	772	598	588	392	507	334
Massachusetts	4,088	2,907	3,986	3,128	4,169	3,295	4,058	3,157
Rhode Island	443	262	370	222	228	145	175	87
Connecticut	27	6	25	16	20	7	31	4
New York	24,545	25,213	23,026	23,635	21,190	20,922	19,531	19,584
Philadelphia	2,952	1,911	2,372	1,735	1,927	1,431	2,030	1,632
South Atlantic coast, total	5,428	6,015	4,604	4,960	4,361	4,586	3,681	4,022
Maryland	2,486	1,583	1,885	1,161	1,342	1,006	1,000	718
Virginia	713	1,956	811	1,602	996	1,174	661	1,218
North Carolina	139	88	122	95	76	72	128	38
South Carolina	337	254	263	166	282	129	262	119
Georgia	290	578	282	475	181	419	167	402
Puerto Rico	1,463	1,556	1,242	1,461	1,484	1,787	1,463	1,527
Gulf coast, total	10,932	12,019	9,144	10,244	8,136	9,143	7,124	8,294
Florida	2,716	2,550	2,343	2,069	2,181	1,998	1,794	1,524
Mobile	547	655	372	577	393	538	231	447
New Orleans	4,575	4,209	3,410	3,287	2,896	2,807	2,554	2,551
Sabine	635	798	725	890	847	885	1,010	1,124
Galveston	2,458	3,807	2,294	3,421	1,819	2,915	1,535	2,648
Mexican border: San Antonio	171	127	190	103	159	104	211	132
Pacific coast, total	17,015	17,385	15,938	16,564	14,452	14,875	14,216	14,837
Washington	7,409	6,746	7,200	6,082	5,913	5,285	5,770	5,320
Oregon	533	709	339	535	222	448	231	453
San Francisco	2,092	2,414	2,020	2,430	1,869	2,452	1,945	2,356
Los Angeles	5,012	5,718	4,204	5,061	4,224	4,828	4,214	4,974
Alaska	301	235	287	255	257	196	175	169
Hawaii	1,319	1,411	1,368	1,421	1,406	1,466	1,450	1,442
San Diego	348	152	519	181	560	199	431	123
Northern border, total	14,753	14,808	12,355	12,297	9,607	9,547	9,372	9,204
Vermont	4	4	5	5	4	4	4	4
St. Lawrence	1,088	826	667	603	455	437	479	458
Rochester	3,014	3,029	2,693	2,690	2,081	1,956	1,571	1,574
Buffalo	2,384	1,103	2,143	1,018	1,888	981	1,528	879
Ohio	4,326	5,510	3,777	4,278	3,090	2,917	3,186	3,109
Michigan	2,092	2,440	1,597	1,664	1,007	1,608	1,485	1,916
Chicago	246	493	236	512	220	445	256	459
Wisconsin	487	440	536	442	572	300	589	323
Duluth and Superior	1,112	962	703	1,086	290	899	274	482

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	24,293	20,708	6,635	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	6,475
1926–1930	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1930	38,382	35,594	10,932	6,932	17,015	9,674	171	14,753	7,418
1931	35,155	31,812	9,144	5,697	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
Clearances:									
1901–1905	17,077	15,714	4,499	4,328	3,057	2,418	-------	5,918	3,825
1906–1910	20,162	18,659	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	5,026	4,762	62	13,511	9,037
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
1930	36,969	28,379	12,019	10,594	17,385	14,406	127	14,808	9,809
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

[1] July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 454.—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 452]

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	3,395	12,913	20.7	13,542	5,251	8,291	11,560	1,982
1891–1900	31,781	22,289	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	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926–1930	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
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
1919	39,052	46,702	21,933	24,769	47.0	36,381	1,614	34,767	24,041	12,340
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	66,319	27,725	38,594	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	31,806	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

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	1,976	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	3,875
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
1919	16,224	12,294	20,157	11,747	44.6	10,321	3,763	5,709	4,612
1920	26,225	19,822	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	6,786	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	21,499	18,123	38,929	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

[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. 455.—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 452]

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	33,397	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911–1915	38,700	48,015	12,512	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	66,653	29,554	37,099	44.3	53,578	984	52,594	42,233	11,345
1926–1930	44,082	79,760	30,709	49,051	38.5	64,441	467	63,973	52,581	11,860
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
1919	39,974	51,257	24,992	26,265	48.8	40,751	1,819	38,932	34,689	6,062
1920	46,447	67,817	34,053	33,764	50.2	54,980	2,009	52,971	45,687	9,293
1921	39,553	62,665	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	42,398	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	23,865	40,582	37.0	54,900	233	54,667	43,909	10,991
1933	27,157	61,287	22,434	38,853	36.6	52,083	180	51,903	43,197	8,886

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	2,978	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	5,962
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
1919	19,133	14,539	21,617	20,150	47.0	10,506	7,616	5,858	4,648
1920	27,875	20,188	27,106	25,499	50.7	12,837	9,365	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	22,896	15,397	32,397	32,398	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	12,297	8,644	5,437	6,860
1932	20,204	16,072	34,695	27,838	36.8	9,547	6,799	3,660	5,886
1933	19,093	15,824	32,990	27,374	36.7	9,204	6,629	3,340	5,864

[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. 456.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: BY COUNTRIES OF ORIGIN AND DESTINATION

NOTE.—In thousands of net tons. Only traffic by sea is included. First two columns cover years ended June 30, third column the period July 1, 1914, to Dec. 31, 1920, the others, calendar years. For definition of net tonnage see general note, p. 378

Country	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933
Total by sea:								
Entered	26,362	35,212	37,604	52,959	63,768	60,427	55,229	51,564
Cleared	26,206	34,965	39,417	53,578	64,441	61,204	54,900	52,083
Belgium:								
Entered	905	955	392	1,231	1,560	1,221	1,116	1,078
Cleared	901	1,039	452	1,190	1,280	1,126	970	980
Denmark:								
Entered	184	297	373	372	532	550	445	425
Cleared	352	305	498	450	686	588	389	393
France:								
Entered	611	1,047	2,251	1,953	2,321	2,114	1,890	2,090
Cleared	1,062	1,453	3,345	2,250	2,475	2,340	2,481	2,714
Germany:								
Entered	2,384	3,113	290	2,998	3,813	4,235	4,349	3,779
Cleared	2,773	3,474	298	3,165	3,714	4,004	3,546	3,241
Italy:								
Entered	1,097	1,305	2,171	1,707	2,101	1,892	1,918	2,032
Cleared	1,003	1,662	2,489	1,986	2,023	1,768	1,674	2,006
Netherlands:								
Entered	846	1,169	1,201	1,654	2,081	1,515	1,298	1,382
Cleared	1,206	1,521	1,459	1,464	1,499	1,176	1,088	1,015
Norway:								
Entered	----------	193	521	384	360	296	384	441
Cleared	----------	159	830	412	361	289	256	237
Spain:								
Entered	483	724	838	608	850	730	566	656
Cleared	265	337	490	463	612	531	509	562
Sweden:								
Entered	----------	68	240	504	681	747	649	698
Cleared	----------	66	440	353	498	462	384	339
United Kingdom:								
Entered	7,440	7,238	8,765	9,378	10,614	7,569	6,022	5,478
Cleared	7,153	7,162	8,164	8,647	10,577	7,643	6,179	5,626
Canada:								
Atlantic coast—								
Entered	1,355	1,479	1,092	1,201	1,607	2,385	2,192	2,159
Cleared	1,454	1,594	1,007	1,331	1,709	2,304	2,133	2,063
British Columbia, Yukon—								
Entered	1,508	2,539	3,117	4,571	6,619	7,719	6,574	6,406
Cleared	1,509	2,589	3,094	4,573	6,556	7,735	6,579	6,779
Central America:								
Entered	799	1,879	1,535	1,734	2,391	2,417	2,268	2,223
Cleared	830	2,121	1,610	1,640	2,692	3,048	2,545	2,629
Mexico:								
Entered	856	1,789	3,788	8,160	2,840	1,623	1,693	1,363
Cleared	745	1,847	3,727	8,391	2,892	1,821	1,806	1,687
British West Indies and British Honduras:								
Entered	1,001	1,038	564	1,351	1,975	3,385	3,565	2,522
Cleared	982	1,181	642	1,435	2,216	3,587	3,743	2,992
Cuba:								
Entered	2,018	3,030	3,450	4,769	5,875	5,988	6,186	5,576
Cleared	1,766	2,449	3,560	4,659	5,832	5,823	6,044	5,428
Dominican Republic:								
Entered	111	179	345	380	713	614	810	765
Cleared	94	200	404	449	920	815	1,045	976
Haiti:								
Entered	106	123	108	105	220	190	157	191
Cleared	81	124	186	230	204	200	194	170
Argentina:								
Entered	207	792	633	1,006	966	540	411	370
Cleared	328	619	762	707	997	592	319	188
Brazil:								
Entered	587	1,131	550	552	918	881	744	756
Cleared	253	558	841	913	1,252	925	855	866
Chile:								
Entered	206	462	853	975	1,387	796	263	331
Cleared	138	327	797	793	1,058	642	221	430
Colombia:								
Entered	195	199	231	144	958	1,029	1,144	1,174
Cleared	172	196	213	226	966	919	1,054	967
British East Indies:								
Entered	238	329	347	576	833	834	668	355
Cleared	107	131	204	330	428	460	298	57

No. 456.—Net Tonnage of Vessels Entered and Cleared at Seaports in Foreign Trade: By Countries of Origin and Destination—Contd.

Country	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933
China, Hong Kong, and Kwantung:								
Entered	346	442	519	959	1,044	1,124	784	772
Cleared	389	391	479	963	894	807	504	520
Japan:								
Entered	441	646	733	1,607	2,320	1,912	1,753	1,941
Cleared	351	542	706	2,106	3,284	3,650	3,458	3,440
Philippine Islands:								
Entered	63	85	132	408	611	801	1,032	1,080
Cleared	93	144	124	359	503	398	365	484
Oceania:								
Entered	256	238	379	509	931	754	743	768
Cleared	413	534	567	946	1,396	803	895	795
All other countries:								
Entered	2,117	2,725	2,094	3,165	6,649	6,566	5,614	4,753
Cleared	1,788	2,240	1,938	3,149	6,913	6,658	5,366	4,499

No. 457.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: By Nationality of Vessel

Note.—In [illegible] Only traffic by sea and to and from foreign countries is included. The large t[illegible] Great Lakes and the St. Lawrence is handle[illegible] of the [illegible] British (Canadian) flag. See Tables 454 and [illegible] for northern border represent trade with Quebec and Ontario. For periods [illegible]

	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931	1932	1933
Total by sea:								
Entered	26,362	35,212	37,604	52,959	63,768	60,427	55,229	51,564
Cleared	26,206	34,965	39,417	53,578	64,441	61,204	54,800	52,083
American:								
Entered	4,044	4,753	13,327	22,526	23,182	21,499	20,643	19,051
Cleared	4,023	4,778	14,171	22,556	23,338	21,417	20,204	19,093
Total foreign:								
Entered	22,318	30,459	24,276	30,433	40,586	38,920	34,586	32,513
Cleared	22,182	30,186	25,245	31,022	41,102	39,787	34,695	32,990
Belgian:								
Entered	262	412	269	332	374	329	229	235
Cleared	269	404	283	343	370	320	241	228
British:								
Entered	13,564	17,901	14,168	16,807	20,189	17,618	15,565	13,714
Cleared	13,422	17,814	14,755	17,064	20,291	17,974	15,485	14,012
Danish:								
Entered	398	472	774	929	1,136	1,030	815	827
Cleared	398	450	795	928	1,168	1,029	831	852
Dutch:								
Entered	667	1,004	1,007	1,300	1,798	1,974	1,502	1,307
Cleared	661	1,007	1,055	1,292	1,809	1,986	1,498	1,291
French:								
Entered	636	997	876	1,492	1,870	1,752	1,556	1,601
Cleared	642	990	919	1,518	1,905	1,728	1,623	1,589
German:								
Entered	3,160	4,362	107	847	2,654	3,660	3,486	3,333
Cleared	3,171	4,300	79	870	2,736	3,702	3,484	3,354
Italian:								
Entered	542	821	1,211	1,490	2,175	1,808	1,824	2,094
Cleared	538	850	1,366	1,569	2,150	1,822	1,725	2,089
Japanese:								
Entered	127	353	1,099	2,059	2,618	2,526	2,287	2,372
Cleared	107	244	1,046	2,235	2,741	2,734	2,442	2,468
Norwegian:								
Entered	1,941	2,679	2,744	2,817	4,026	3,999	3,572	3,729
Cleared	1,946	2,684	2,822	2,784	4,136	4,180	3,637	3,822
Spanish:								
Entered	424	413	606	480	571	497	434	421
Cleared	420	398	637	487	586	492	422	431
Swedish:								
Entered	62	70	353	564	985	1,050	993	959
Cleared	65	70	367	566	1,005	1,080	987	927
All other foreign:								
Entered	535	975	1,062	1,317	2,190	2,686	2,323	1,921
Cleared	542	977	1,122	1,366	2,206	2,740	2,320	1,927

Source of Tables 456 and 457: Bureau of Foreign and Domestic Commerce.

No. 458.—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
1921	4,485	3,888	1,402	2,486	597	2,509	2,187	765	1,422	[1] 322	36.1	35.0
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

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	1921	6,075	2,167	3,908	35.7
1870 [2]	913	323	590	35.6	1922	5,985	2,183	3,803	36.5
					1923	6,850	2,398	4,453	35.0
1871–1875 [2]	1,162	326	835	30.6	1924	7,155	2,544	4,611	35.7
1876–1880 [2]	1,206	289	917	23.9	1925	7,940	2,624	5,316	33.0
1881–1885	1,419	229	1,190	16.2					
1886–1890	1,398	198	1,200	14.1	1926	7,941	2,596	5,345	34.0
1891–1895	1,598	198	1,400	12.4	1927	7,759	2,649	5,110	34.1
					1928	7,827	2,605	5,222	33.3
1896–1900	1,784	179	1,605	10.0	1929	8,129	2,692	5,437	33.1
1901–1905	2,225	220	2,005	9.9	1930	5,803	2,015	3,788	34.7
1906–1910	2,838	287	2,552	10.1					
1911–1915	3,639	385	3,254	10.6	1931	3,871	1,351	2,520	34.9
1915–1920 [4]	8,673	2,534	6,140	29.2	1932	2,549	907	1,643	35.6
					1933	2,758	976	1,782	35.4

[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

All statistics of foreign commerce in this section are compiled in the Bureau of Foreign and Domestic Commerce, Department of Commerce. Specie values are shown for all years through 1932, except as noted. Figures for 1933 in all tables are dollar currency values. The geographic area covered by these statistics, except as noted, is the United States customs area which includes Alaska, Hawaii, and Porto Rico. See headnote, Table 464. Other explanations of the trade tables are given in the introduction to the Annual Foreign Commerce and Navigation of the United States]

No. 459.—SUMMARY OF FOREIGN TRADE OF THE UNITED STATES

NOTE.—Figures for 1911–1915 cover fiscal years; thereafter calendar years are shown

[All figures in thousands of dollars]

	1911–1915, average	1915–1920,[1] average	1921–1925, average	1926–1930, average	1931	1932	1933
Merchandise:							
Exports	2,370,539	6,521,190	4,397,026	4,777,313	2,424,289	1,611,016	1,674,994
United States merchandise	2,331,648	6,416,513	4,310,221	4,687,789	2,377,982	1,576,151	1,647,220
Reexports of foreign merchandise	38,891	104,677	86,805	89,526	46,307	34,865	27,774
General imports	1,712,819	3,358,354	3,450,103	4,033,469	2,090,635	1,322,774	1,449,559
Excess of exports	658,220	3,162,836	946,924	743,845	333,654	288,242	225,435
Gold:							
Exports	83,173	233,248	82,739	222,094	466,794	809,528	366,652
United States gold	81,151	255,867	81,183	220,373	466,774	796,043	286,014
Foreign gold	2,022	7,382	1,557	1,721	20	13,485	80,638
Imports	85,969	382,022	347,425	255,528	612,119	363,315	193,197
Excess of exports (+) or imports (−)	−2,796	−148,773	−264,686	−33,434	−145,325	+446,213	+173,455
Silver:							
Exports	61,432	143,447	79,174	78,566	26,485	13,850	19,041
United States silver	56,864	127,414	52,662	61,118	21,719	10,205	14,178
Foreign silver	4,568	16,034	26,512	17,448	4,766	3,645	4,863
Imports	38,739	64,217	69,409	59,898	28,664	19,650	60,225
Excess of exports (+) or imports (−)	+22,693	+79,231	+9,765	+18,668	−2,179	−5,800	−41,184
Excess of exports (+) or imports (−) of merchandise, gold and silver	+678,117	+3,093,293	+692,003	+729,078	+186,150	+728,655	+357,706
Imports of merchandise for consumption	1,698,029	3,288,839	3,422,748	4,020,350	2,088,455	1,325,093	1,433,013
Entered for immediate consumption	1,518,447	3,075,230	3,050,279	3,602,947	1,881,011	1,197,903	1,253,651
Withdrawn from warehouse	179,582	213,609	372,469	417,403	207,444	127,190	179,362
Free	966,141	2,262,412	2,088,932	2,645,610	1,391,693	885,536	903,547
Dutiable	731,887	1,028,245	1,333,816	1,374,740	696,762	439,557	529,466
Per cent free	56.89	68.79	61.03	65.81	66.64	66.83	63.05
Duties calculated	283,408	227,035	478,911	550,743	370,771	259,600	283,681
Ratio of duties to total imports for consumption, per cent	16.69	6.90	13.99	13.70	17.75	19.59	19.80
Ratio to dutiable imports	38.72	22.08	35.90	40.06	53.21	59.06	53.58
Entered for warehouse	193,872	283,124	399,824	430,521	209,624	124,870	195,908

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 460.—PRODUCTION OF EXPORTABLE GOODS AND PROPORTION EXPORTED

[illegible] farm products, excluding crops fed [illegible] waste. Value added by manufacture [illegible] 19 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, United States merchandise	Per cent of total
1899	3,355	4,831	600	[1] 981	9,767	1,253	12.8
1904	4,262	6,179	850	[1] 1,415	12,706	1,426	11.2
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

[1] Mean of preceding and following fiscal year.

No. 461.—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	5,300–6,500	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
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]
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]

[1] Mean of preceding and following fiscal year. [2] Not available.

No. 462.—INDEXES OF CHANGES IN QUANTITY, UNIT VALUE (PRICE), AND TOTAL VALUE OF EXPORTS OF UNITED STATES MERCHANDISE AND GENERAL IMPORTS

NOTE.—The purpose of these indexes is to determine the change in the volume of foreign trade and the broad movements of prices. 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	79
1921	96	102	98	108	68	74	206	101	209	114	104	119
1922	89	94	84	87	85	75	167	85	142	110	92	102
1923	91	101	92	84	108	91	93	85	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	96	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

	Exports of United States merchandise						General imports					
	Semimanufactures			Finished manufactures			Total			Crude materials		
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
1921	64	105	67	78	128	99	74	88	65	81	72	58
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

	General imports											
	Crude foodstuffs			Manufactured foodstuffs			Semimanufactures			Finished manufactures		
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
1921	95	74	70	74	101	74	51	101	51	75	107	80
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	95	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	99	50	50	104	40	41	73	57	41	79	53	42

No. 463.—GOLD[1] UNDER EARMARK FOR FOREIGN ACCOUNT IN THE UNITED STATES

NOTE.—**All figures in thousands of dollars.** 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. The first transaction occurred Mar. 21, 1916. Amount under earmark at the end of December, 1916, was $6,097,000 and at the end of December 1917 and 1918, $6,942,000, and at the end of December 1919, $5,000,000

Year	Increase or decrease during year of gold under earmark [2]	Month	Amount under earmark at end of month					
			1928	1929	1930	1931	1932	1933
1920	+17,000	January	193,919	144,898	[3] 134,794	125,795	433,149	92,552
1921	−22,000	February	191,051	144,898	[3] 134,794	123,295	406,781	270,837
1922	+3,700	March	155,251	137,391	119,795	120,295	348,469	370,920
1923	−700	April	109,511	88,821	119,295	127,795	344,501	337,228
1924	+42,213	May	136,050	72,694	117,295	123,795	366,650	315,114
1925	−32,244	June	105,997	80,207	115,295	31,531	395,447	311,569
1926	+26,297							
1927	+160,153	July	45,050	102,194	118,295	61,231	339,210	227,099
1928	−119,522	August	39,134	103,194	118,295	77,231	238,709	147,532
1929	+55,398	September	40,334	109,795	114,303	356,321	166,421	98,326
1930	+2,400	October	39,134	114,296	120,410	463,931	120,646	71,459
1931	+320,839	November	64,136	113,292	[3] 122,536	435,621	72,080	70,859
1932	−384,840	December	79,897	135,295	137,695	458,534	73,694	59,079
1933	−14,615							

[1] Gold bullion (bars) and United States gold coin.
[2] Increase is the equivalent of net export and decrease the equivalent of net import. [3] Revised.
Source: Federal Reserve Board.

No. 464.—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 f . . . . . Trade of continental United States with Guam and American Samoa is . . . . . 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	1,410,320	1,324,594	85,734
1911–1915	2,441,254	2,337,591	103,664	1,811,234	1,681,207	130,027
1915–1920 [2]	6,656,126	6,452,539	203,587	3,596,084	3,274,496	321,588
1921–1925	4,552,455	4,335,341	217,114	3,650,280	3,351,378	298,902
1926–1930	4,961,994	4,694,505	267,488	4,270,498	3,896,506	373,992
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	4,010,641	3,697,607	313,034
1924	4,761,644	4,521,219	240,425	3,832,148	3,494,159	337,989
1925	5,033,287	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

[1] Including reexports of foreign merchandise. [2] Period July 1, 1915, to Dec. 31, 1920.

No. 465.—EXPORTS AND IMPORTS OF MERCHANDISE

NOTE.—All figures in thousands of dollars. Specie values except for 19[illegible] 791 to 1842, and June 30, 184 916–33, see table 467. For ide gold and silver prior t 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	307,696	13,146	408,295	729,137	−87,453
1871–1875	501,841	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	725,685	12,694	717,231	1,455,610	+21,148
1891–1895	892,421	876,326	16,095	785,137	1,677,558	+107,284
1896–1900	1,157,318	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	1,778,697	1,750,980	27,717	1,344,838	3,123,535	+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	3,358,364	9,879,545	+3,162,836
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
1889	742,401	730,282	12,119	745,132	1,487,533	−2,731
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	1,210,292	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	6,149,088	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	4,485,031	4,378,928	106,103	2,509,148	6,994,179	+1,975,883
1922	3,881,777	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	3,843,181	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

[1] Period beginning Oct. 1, 1841, and ending June 30, 1850. [2] Period July 1, 1915, to Dec. 31, 1920.

No. 466.—EXPORTS AND IMPORTS OF GOLD, SILVER, AND OF MERCHANDISE, GOLD, AND SILVER COMBINED

NOTE.—All figures in thousands of dollars. As to periods covered see headnote, Table 465. 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	50,452	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	20,651	26,163	+3,488	31,082	18,045	+13,037	799,112	761,439	+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	1,266,236	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
1916–1920 [3]	233,248	382,022	−148,773	143,447	64,217	+79,231	6,897,886	3,804,593	+3,093,293
1921–1925	82,730	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
1889	59,952	10,285	+49,667	36,689	18,678	+18,011	839,043	774,095	+64,948
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	+78,885	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	35,266	+21,456	1,499,462	929,771	+569,691
1901	53,185	66,051	−12,866	64,285	36,387	+27,898	1,605,235	925,610	+679,625
1902	48,560	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	1,511,483	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	56,739	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	1,387,337	+603,790
1909	91,532	44,004	+47,528	55,683	43,955	+11,728	1,810,226	1,399,879	+410,347
1910	118,563	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	155,703	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	3,558,263	+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	4,560,497	3,263,639	+1,296,858
1922	36,875	275,170	−238,295	62,807	70,807	−7,999	3,931,459	3,458,724	+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	5,776,497	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	1,702,931	+357,706

[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. 467.—SUPPLEMENT TO TABLES 465 AND 466: CALENDAR YEARS 1902 TO 1915, AND FISCAL YEARS ENDED JUNE 30, 1916 TO 1933

[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			
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
1916	4,333,483	4,272,178	61,305	2,197,884	6,531,367	+2,135,599
1917	6,290,048	6,227,164	62,884	2,659,355	8,949,403	+3,630,693
1918	5,919,711	5,838,652	81,059	2,945,655	8,865,366	+2,974,056
1919	7,232,283	7,081,462	150,821	3,095,720	10,328,003	+4,136,563
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	4,693,626	4,617,730	75,895	3,848,971	8,542,597	+844,655
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

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 (−)
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	50,293	−3,499	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	1,520,309	+385,600
1907	65,216	143,398	−88,182	61,626	45,912	+15,714	2,040,268	1,612,480	+427,788
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	58,775	59,223	−448	57,361	45,878	+11,483	1,982,395	1,668,005	+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	91,799	63,705	+28,094	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	451,955	−420,529	53,599	34,484	+19,115	3,639,696	2,265,036	+1,374,660
1916	90,250	494,009	−403,759	59,792	34,154	+25,638	4,483,525	2,726,047	+1,757,478
1917	291,921	977,176	−685,255	78,280	35,004	+43,276	6,660,249	3,671,535	+2,988,714
1918	190,852	124,413	+66,439	139,181	70,328	+68,853	6,249,744	3,140,396	+3,109,348
1919	116,576	62,364	+54,212	301,175	78,825	+222,350	7,650,034	3,236,909	+4,413,125
1920	466,421	150,540	+315,881	179,037	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	1,584,106	1,602,329	−18,223

No. 468.—MERCHANDISE EXPORTS AND IMPORTS WITH TRADE BALANCES: FOR INDIVIDUAL YEARS 1790 TO 1888

NOTE.—All figures in thousands of dollars. Specie values. For later years see Table 465. 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	72,296	95,885	−23,589	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	102,260	108,610	−6,350	1869	286,118	417,506	−131,388
1799	78,666	79,069	−403	1835	115,216	136,764	−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	+264,604
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	148,689	−10,448	1883	823,839	723,181	+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				
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. 469.—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 465. Import figures for 1791 to 1820 are based on general imports shown in Table 465, for 1821 to 1870, total imports less reexports, and for 1871 to date, imports for consumption, shown in Table 470

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	1900	18.17	11.01	1917	59.48	28.14
1801–1810	11.82	14.71	1915–1920	61.20	31.37	1901	18.60	10.34	1918	57.51	28.06
1811–1820	6.96	9.53	1921–1925	38.05	30.22						
1821–1830	4.71	5.02	1926–1930	38.50	33.02	1902	16.99	11.28	1919	72.69	35.90
1831–1840	5.85	6.91				1903	17.10	12.38	1920	74.70	47.16
			1887	12.00	11.60	1904	17.28	11.82	1921	39.86	23.27
1841–1850	5.67	5.60	1888	11.43	11.81	1905	17.62	12.84	1922	33.75	27.55
1851–1860	8.48	9.78									
1861–1865	5.11	7.15	1889	11.95	12.02	1906	19.90	14.06	1923	36.11	32.95
1866–1870	8.35	10.73	1890	13.54	12.27	1907	21.08	16.09	1924	39.12	31.10
			1891	13.69	13.27	1908	20.48	13.21	1925	41.30	35.80
1871–1875	11.70	13.55	1892	15.62	12.37	1909	17.96	14.05	1926	39.81	37.24
1876–1880	14.01	10.18									
1881–1885	14.49	12.50	1893	12.53	12.56	1910	18.41	16.66	1927	39.63	34.67
1886–1890	12.12	11.73	1894	12.85	9.32	1911	21.34	16.19	1928	41.31	33.49
			1895	11.51	10.61	1912	22.65	17.13	1929	41.77	35.14
1891–1895	13.21	11.59	1896	12.29	10.82	1913	24.97	18.17	1930	30.21	24.88
1896–1900	15.60	10.03	1897	14.43	11.03	1914	23.61	19.32	1931	18.86	16.56
1901–1905	17.53	11.75	1898	16.62	8.06	1915	27.13	16.46	1932	12.42	10.44
1906–1910	19.54	14.82	1899	16.24	9.24	1916	53.01	23.06	1933	12.89	11.15

No. 470.—IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON

NOTE.—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	20,282	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	768,756	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
1890	765,708	258,137	507,571	33.71	226,540	29.59	44.63	3.63
1891	845,483	379,028	466,455	44.83	216,885	25.65	46.50	3.40
1892	804,297	448,771	355,526	55.78	174,124	21.65	48.98	2.68
1893	832,732	432,450	400,282	51.93	199,143	23.91	49.75	3.00
1894	630,107	372,462	257,645	59.11	129,558	20.56	50.29	1.92
1895	731,162	376,890	354,272	51.55	149,450	20.44	42.19	2.17
1896	759,694	368,897	390,797	48.56	157,013	20.67	40.18	2.24
1897	789,251	381,902	407,349	48.39	172,760	21.89	42.41	2.41
1898	587,153	291,534	295,619	49.65	145,438	24.77	49.20	2.00
1899	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	3.16
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	293,910	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	1,183,120	525,704	657,416	44.43	282,582	23.88	42.98	3.15
1909	1,281,641	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	615,523	62.66	205,946	12.49	33.46	2.06
1915 (Cmos.)	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	3,827,683	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	584,771	13.48	40.10	4.74
1930	3,114,077	2,081,123	1,032,954	66.83	401,790	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

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 471.—PERCENTAGE DISTRIBUTION OF EXPORTS AND IMPORTS OF MERCHANDISE, BY ECONOMIC CLASSES

NOTE.—Percentages are based on figures shown in Table 472

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	4.66	11.15	19.85	7.48	56.86
1830	62.65	4.65	16.32	7.04	9.34	7.65	11.77	15.39	8.22	56.97
1840	67.83	4.09	14.27	4.34	9.47	12.36	15.54	16.46	11.56	45.09
1850	62.36	5.59	14.84	4.49	12.72	7.24	10.38	12.37	15.08	54.93
1851-1860	61.67	6.61	15.39	4.01	12.32	9.63	11.70	15.43	12.50	50.74
1861-1865	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	15.08	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
1915-1920[1]	18.22	9.16	17.66	15.39	39.58	40.13	12.15	16.21	17.10	14.40
1921-1925	27.54	9.74	13.93	12.45	36.33	37.40	11.09	12.99	17.66	20.86
1926-1930	24.40	6.40	9.72	14.14	45.35	36.80	12.56	9.88	18.89	21.88
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
1890	36.61	15.62	26.59	5.50	15.68	22.79	16.28	16.89	14.81	29.23
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	15.61	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	9.62	20.63	26.25	16.79	16.90	11.57	28.48
1898	24.44	25.21	23.54	8.43	18.38	31.44	16.88	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	15.91	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	13.09	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	20.94	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	11.85	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	26.25	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	13.56	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

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Fiscal years.

No. 472.—EXPORTS OF UNITED STATES MERCHANDISE

NOTE.—**All figures in thousands of dollars.** Merchandise only, specie values except for 1933; for that to 1915; calendar thereafter, except as noted. For articles covered by each class see Annual Commerce trade, averages for the fiscal years 1910–14 and 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, 881	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, 085	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, 939	333, 971	359, 239	715, 861
1915–1920 [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	299, 794	456, 814	662, 688	2, 125, 730
1910–1914	2, 130, 429	713, 184	126, 506	294, 908	341, 620	654, 211
1915–1919 [1]	5, 227, 127	843, 258	502, 763	945, 729	871, 731	2, 063, 646
1890	845, 294	309, 482	132, 073	224, 757	46, 455	132, 527
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	261, 669	153, 278	247, 075	49, 071	129, 938
1894	869, 205	283, 357	133, 197	249, 846	67, 145	135, 659
1895	793. 393	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, 959
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, 356, 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	189, 052	331. 962	261, 106	489. 470
1909	1, 638, 356	528, 691	135, 694	302, 565	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	799, 838	137, 495	293, 219	374, 224	724, 908
1915	2, 716, 178	591, 282	506, 903	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, 875	972, 107	547, 436	1, 405, 820	1, 053, 270	2, 069, 242
1919	7. 749, 816	1, 623, 085	678, 363	1. 962, 616	922. 246	2, 563, 505
1920	8, 080, 481	1, 882, 630	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, 611	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, 083	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	362, 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

[1] Period July 1, 1915, to Dec. 31, 1920.

AND GENERAL IMPORTS, BY ECONOMIC CLASSES

year, dollar currency values. Figures cover fiscal years ended Sept. 30, 1821 to 1840, and June 30, 1850 and Navigation of the United States. Owing to the special influence of the war on the character of our

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, 180	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, 208	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, 619	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.[1]
789, 310	179, 889	128, 480	133, 332	116, 924	230, 686	1890.
844, 916	192, 531	150, 639	147, 722	136, 446	217, 578	1891.
827, 402	194, 776	175, 559	139, 795	112, 729	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, 020, 358	260, 132	338, 707	417, 860	345, 578	1916.
2, 952, 468	1, 286, 079	385, 725	351, 553	536, 663	392, 448	1917.
3, 031, 213	1, 233, 697	345, 653	397, 370	649, 585	404, 908	1918.
3, 904, 365	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, 809	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, 905	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, 399, 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] Fiscal years.

No. 473.—GENERAL IMPORTS, FREE AND DUTIABLE,

NOTE.—All figures in thousands of dollars. Merchandise only, specie values except for 1933; for that
1915, calendar thereafter, except as noted. The percentage free in general imports is normally slightly
as reexported than of the free general imports. Moreover, since 1922, there is an understatement of the

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	----------	6,082	----------
1830	4,590	58,131	7.3	3,348	1,450	69.8	----------	7,382	----------
1840	48,314	49,946	49.2	9,780	2,360	80.6	15,214	60	99.6
1850	18,082	155,428	10.4	602	11,954	4.8	15,803	2,208	87.7
1851–1860	44,730	239,745	15.7	6,455	20,938	23.6	30,165	3,121	90.6
1861–1865	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	22,864	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	399,304	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	1,195,593	152,074	88.7	349,026	58,226	85.7
1921–1925	2,060,308	1,389,800	59.7	1,036,581	253,794	80.3	302,242	80,297	79.0
1926–1930	2,597,197	1,436,271	64.4	1,228,971	255,152	82.8	407,540	99,075	80.4
1910–1914	905,796	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
1890	265,668	523,642	33.7	112,495	67,394	62.5	106,515	21,965	82.9
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	106,654	27,989	79.2	114,255	19,054	85.7
1895	363,234	368,736	49.6	156,464	31,073	83.4	120,847	20,530	85.5
1896	369,758	409,967	47.4	176,657	26,549	86.9	108,801	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	300,290	396,868	43.1	168,653	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	20,194	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	29,068	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	113,681	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	46,080	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	2,230,363	800,860	73.6	1,092,837	140,860	88.6	288,535	62,118	82.0
1919	2,698,703	1,205,662	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	270,222	83,810	76.9
1924 [3]	2,080,996	1,529,807	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	1,289,317	269,303	83.0	443,372	95,188	82.4
1930 [3]	2,051,110	1,009,798	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

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Fiscal years.

AND PER CENT FREE, BY ECONOMIC CLASSES

year, dollar currency values. Figures cover fiscal years ended Sept. 30, 1821 to 1840, and June 30, 1850 to lower than in imports for consumption because relatively more of the dutiable general imports are reported free goods in general imports, resulting from the facts set forth in Table 474

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	30,944	0.2	1821.
---	9,654	---	1,211	3,942	23.5	31	35,703	.1	1830.
1,021	14,168	6.7	4,962	6,394	43.7	17,337	26,963	39.1	1840.
---	21,466	---	764	25,399	2.9	911	94,401	1.0	1850.
2,426	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	104,560	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.
3,189	117,029	2.7	59,943	101,866	37.0	21,465	218,518	8.9	1901–1905.
5,498	153,160	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	94,832	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	391,469	12.6	411,802	197,423	67.6	253,058	466,817	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	160,166	146,902	52.2	76,455	302,877	22.2	1910–1914.
59,384	296,122	16.7	340,677	102,970	76.8	156,464	207,715	43.0	1915–1919.[2]
15,375	117,957	11.5	19,275	97,650	16.5	12,009	218,677	5.2	1890.
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	14,959	189,585	7.3	1892.
121,358	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	67,765	18.3	13,302	135,496	8.9	1894.
34,343	72,683	32.1	29,955	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	39,566	48,925	44.7	34,427	183,417	15.8	1897.
18,874	67,217	21.9	23,739	55,550	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	129,126	41.4	28,508	279,294	9.3	1906.
4,105	154,551	2.6	116,722	157,374	42.6	31,992	332,201	8.8	1907.
5,469	141,540	3.7	84,721	111,528	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	252,602	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	267,649	104,394	71.9	256,012	293,263	46.6	1931.[3]
66,640	107,287	38.3	147,963	69,004	68.2	170,271	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]

[3] See headnote and supplemental Table No. 474, p. 416.

No. 474.—SUPPLEMENT TO TABLE 473: 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 go[illegible] resulting from the following facts: (1) Wheat imported (practi-ca[illegible]o 1928 was all reported as dutiable when first entered, but most of it[illegible]-bond for export and in that case no duty is collected; (2) carpet wo[illegible]rted 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 473. The following table shows for these [illegible] dutiable since 1925 after adjusting for these shifts. It also [illegible] dutiable imports from Canada. The shift of carpet wool from dutiable to free likewise affects somewhat the proportions free and dutiable in imports [illegible]rgentina, Chile, and [illegible]. See Table 526 of the

	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	[2] 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	35,674	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
Carpet wool entered free	5,214	3,712	4,993	6,877	2,113	2,295	621	2,099
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	453,363	----------	----------
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	1,792,282	1,600,809	1,600,809	1,466,734	1,466,734	1,558,620	1,558,620
Free	1,483,772	1,505,330	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 [illegible] essary after 1928.

[2] Wheat valued at $139,000 entered free.

No. 475.—PERCENTAGE DISTRIBUTION OF EXPORTS AND GENERAL IMPORTS, BY CONTINENTS

NOTE.—Percentages are based on figures shown in Table 476. See headnote to that table

Yearly average or year	Per cent of total exports							Per cent 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
1890	4.9	6.1	4.5	79.7	2.4	1.9	.5	5.0	13.8	11.4	57.1	10.2	2.1	.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	6.6	48.9	15.9	1.7	2.5	13.3	11.5	14.7	30.6	27.4	.9	1.6
1932	14.8	7.4	6.1	48.6	18.5	2.3	2.2	13.7	11.9	15.2	29.4	27.4	.6	1.8
1933	12.3	7.5	6.9	50.9	17.7	2.1	2.6	13.2	8.8	14.0	31.9	29.4	.9	1.9

[1] See headnotes to Table 476 and Table 477.
[2] Less than one-tenth of 1 per cent.
[3] Period July 1, 1915, to Dec. 31, 1920.
[4] Fiscal years.

No. 476.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL

NOTE.—All figures in thousands of dollars. Merchandise only, specie values, except for 1933; for that except as noted. See headnote, Table 472, concerning averages for 1910–14 and 1915–19. The Philip to Northern North America and to Europe adjusted for recent years for grain shipments to Canada,

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	47,393	1,906	27	234
1840	123,669	6,090	17,241	5,714	92,039	1,560	330	696
1850	144,376	9,519	14,284	7,730	108,638	3,028	190	987
1860	333,576	22,833	29,273	15,706	249,425	8,100	4,962	3,227
1865	166,029	16,618	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	3,382
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	46,246	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
1916–1920[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[3]	5,308,823	638,704	340,971	250,837	3,534,473	403,716	87,262	52,860
1890	857,829	41,967	52,133	38,753	683,736	20,279	16,346	4,614
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	661,977	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	111,377	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	76,502	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	1,486,499	140,730	56,264	27,902
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	469,402	77,402	51,384
1918	6,149,088	900,248	425,238	302,710	3,858,698	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	623,917	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	3,381,777	583,451	332,203	226,075	2,083,357	448,970	101,945	55,776
1923	4,167,493	660,507	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	658,640	479,714	402,606	2,603,750	486,592	189,489	89,057
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	348,574	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	41,574	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

[1] See headnote and supplemental Table 477 on p. 420.

IMPORTS OF MERCHANDISE DISTRIBUTED BY CONTINENTS

year, dollar currency values. Figures cover fiscal years to and including 1915, calendar years thereafter, pine Islands are included with Asia for all years; Hawaiian Islands are with Oceania prior to 1901. Exports which are actually in transit to Europe are shown in Table 477, p. 420

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	216, 661	29, 239	1, 170	3, 706	1860.
238, 746	35, 007	46, 663	23, 221	115, 002	14, 449	1, 124	3, 279	1865.
435, 958	36, 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	116, 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, 208	910, 340	70, 134	90, 848	1915–1920.[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, 874	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]
789, 310	39, 434	108, 934	90, 006	449, 987	80, 863	16, 764	3, 321	1890.
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	468, 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, 885	111, 501	22, 588	10, 436	1899.
849, 941	39, 999	90, 037	93, 667	440, 567	145, 814	28, 640	11, 218	1900.
823, 172	42, 935	102, 223	110, 367	429, 620	122, 099	6, 974	8, 954	1901.
903, 321	48, 846	102, 230	119, 786	475, 162	136, 295	7, 554	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, 657	163, 572	150, 796	540, 773	174, 641	12, 731	11, 344	1905.
1, 226, 562	69, 603	165, 750	140, 423	633, 202	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	196, 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, 660	516, 955	610, 931	318, 121	930, 301	102, 737	85, 506	1918.
3, 904, 365	500, 165	657, 609	687, 525	750, 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	358, 763	991, 203	826, 886	48, 517	64, 924	1922.
3, 702, 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, 791	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, 168, 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, 356	433, 518	908, 845	856, 496	32, 791	67, 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.

[2] Period July 1, 1915, to Dec. 31, 1920.

[3] Fiscal years ended June 30.

No. 477.—SUPPLEMENT TO TABLES 475, 476, AND 484: 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 from five to ten million dollars' worth of corn annually goes thence to Europe. In the following [illegible] of total value of exports are adjusted on the assumption that all this grain was [illegible] assumption adopted for convenience and involving only a small margin of error. [illegible] 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	1,169.5	2,299.1	16.0	24.5	48.1
1913	6.5	396.7	402.3	594.7	1,506.1	16.2	23.9	60.6
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	2,161.9	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	852.1	12.7	20.2	50.9

No. 478.—SUPPLEMENT TO TABLES 479, 480, AND 481: 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 477]

	1910–1914	1921–1925	1926–1930	1931	1932	1933
ADJUSTED EXPORTS (GRAINS EXPORTED TO CANADA TREATED AS EXPORTED TO EUROPE)[1]						
North America	476,127	956,958	1,113,469	568,849	348,639	323,762
Foodstuffs	79,049	168,135	151,772	73,374	43,206	33,600
Crude foodstuffs	24,394	55,464	51,566	25,719	15,004	12,783
Europe	1,340,920	2,351,854	2,270,077	1,176,377	770,261	841,250
Foodstuffs	306,733	768,322	504,842	246,027	160,917	139,145
Crude foodstuffs	96,722	348,721	227,991	85,605	59,650	28,960
Per cent of total exports of foodstuffs exported to—						
North America	18.8	16.5	20.1	19.6	17.9	19.0
Europe	72.8	75.2	66.8	65.8	66.6	68.6
Percentage distribution of total adjusted exports to—						
North America	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	18.1	17.3	15.9	18.3	22.0	23.5
Foodstuffs	16.6	17.6	13.6	13.1	12.5	11.9
Semimanufactures	14.8	12.8	14.5	14.4	14.5	16.2
Finished manufactures	50.5	52.3	56.0	54.2	51.0	48.4
Europe	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	44.4	37.1	34.1	25.2	38.1	45.2
Foodstuffs	22.9	32.7	22.2	20.9	20.9	16.5
Semimanufactures	17.1	11.2	14.0	13.3	12.1	13.3
Finished manufactures	15.6	19.0	29.7	40.5	29.0	24.9

[1] See Table 477 for grain exports to Canada and for reasons for adjustments.

No. 479.—FOREIGN TRADE WITH EACH CONTINENT, BY ECONOMIC CLASSES

NOTE.—Values in millions and tenths of [illegible] 1915 are for years ended June 30; thereafter, for calendar years. Th[illegible] Oceania prior to 1922 and in Asia for later years; therefore, Asia ar[illegible] ages through 1925. For data by countries, see annual volumes of "[illegible]

	1905–1909 [1]	1910–1914 [1]	1921–1925 [1]	1926–1930 [1]	1931	1932	1933
EXPORTS OF U. S. MERCHANDISE							
North America [2]	297.6	433.3	1,029.3	1,177.0	569.0	350.2	326.1
Crude materials	56.5	86.2	165.9	176.6	102.3	76.3	76.0
Crude foodstuffs [2]	20.8	31.5	127.8	115.1	35.9	18.5	15.1
Manufactured foodstuffs	39.3	54.7	112.7	100.2	47.7	28.3	25.8
Semimanufactures	35.9	70.4	122.6	161.8	80.4	50.1	52.5
Finished manufactures	145.1	240.6	500.3	623.3	302.7	176.9	156.7
South America	74.4	120.5	294.1	445.4	157.5	96.0	118.3
Crude materials	.8	2.7	7.9	7.1	3.3	2.1	2.5
Crude foodstuffs	.9	1.3	4.0	7.8	5.6	11.2	2.0
Manufactured foodstuffs	8.5	11.9	21.9	29.3	10.7	4.7	4.9
Semimanufactures	11.5	21.8	46.1	65.8	25.3	14.0	18.8
Finished manufactures	52.7	82.8	214.3	335.4	112.6	63.9	85.0
Europe [2]	1,178.0	1,333.8	2,279.5	2,206.6	1,166.2	766.7	838.9
Crude materials	459.7	594.9	873.5	773.1	296.9	293.1	380.2
Crude foodstuffs [2]	131.0	89.6	276.4	164.5	75.4	56.1	26.6
Manufactured foodstuffs	255.5	210.0	419.6	276.9	160.4	101.3	110.2
Semimanufactures	174.4	229.8	263.7	318.7	156.5	93.2	112.3
Finished manufactures	157.5	209.5	446.3	673.4	476.9	223.0	209.6
Asia [3]	139.0	168.2	637.7	572.7	384.2	290.9	291.1
Crude materials	17.2	27.1	135.0	172.3	157.8	137.2	127.1
Crude foodstuffs	2.8	3.1	13.9	11.2	9.3	3.3	4.3
Manufactured foodstuffs	15.1	15.2	36.7	37.7	23.2	14.8	10.0
Semimanufactures	14.2	17.1	96.4	89.7	45.8	31.2	44.5
Finished manufactures	89.6	105.8	355.6	261.9	148.1	104.4	105.3
Oceania				176.8	41.3	36.5	34.9
Crude materials				9.3	3.7	2.4	2.4
Crude foodstuffs				.7	.4	.1	.2
Manufactured foodstuffs				4.6	1.3	1.1	1.3
Semimanufactures				19.0	5.0	5.4	4.8
Finished manufactures				143.2	31.1	27.6	26.2
Africa	18.4	24.6	69.6	109.4	59.7	35.9	42.8
Crude materials	1.4	2.3	6.4	5.4	2.8	2.6	2.4
Crude foodstuffs	2.1	1.0	1.7	.6	.4	.1	.1
Manufactured foodstuffs	3.7	3.2	6.8	7.1	3.6	2.0	2.4
Semimanufactures	1.6	2.5	5.7	7.6	4.6	2.8	4.1
Finished manufactures	9.5	15.6	49.0	88.6	48.4	28.4	33.8
GENERAL IMPORTS							
North America	243.8	347.1	910.9	940.2	517.0	338 5	317.8
Crude materials	76.8	114.0	[4] 206.0	180.2	75.6	42.6	43.1
Crude foodstuffs	35.2	53.8	[4] 113.4	144.5	83.4	59.4	54.7
Manufactured foodstuffs	74.2	102.7	[4] 292.3	202.8	81.9	53.0	63.3
Semimanufactures	39.7	46.4	[4] 142.4	184.1	97.0	59.5	64.7
Finished manufactures	17.9	30.1	[4] 156.8	228.6	179.2	124.1	92.0
South America	148.1	206.9	421.3	545.8	307.2	200.9	202.3
Crude materials	57.2	78.9	131.6	170.6	79.7	47.0	57.8
Crude foodstuffs	70.5	95.6	197.7	272.6	168.8	132.9	121.3
Manufactured foodstuffs	2.6	3.2	8.7	13.1	7.2	4.1	6.4
Semimanufactures	16.9	26.8	78.1	84.6	45.5	14.4	14.6
Finished manufactures	.8	2.4	5.3	5.0	5.9	2.5	2.1
Europe	636.7	836.5	1,049.5	1,210.5	640.1	389.0	462.2
Crude materials	166.8	220.4	[4] 253.9	256.5	126.9	69.4	87.7
Crude foodstuffs	21.3	30.3	27.7	34.1	20.6	11.3	10.0
Manufactured foodstuffs	55.0	70.9	79.7	94.5	59.1	44.0	49.6
Semimanufactures	138.1	196.5	[4] 263.5	325.3	149.9	101.7	145.5
Finished manufactures	255.5	309.4	[4] 424.6	500.1	283.6	162.6	169.4
Asia [3]	213.1	275.8	998.9	1,192.6	574.3	362.5	425.9
Crude materials	113.1	151.0	655.3	785.4	329.6	184.0	205.2
Crude foodstuffs	20.7	23.0	34.0	37.7	23.8	20.0	17.1
Manufactured foodstuffs	19.5	17.5	[4] 66.9	81.6	71.7	71.7	84.4
Semimanufactures	23.3	37.1	[4] 108.7	142.0	70.9	36.8	61.5
Finished manufactures	36.5	47.2	[4] 131.9	145.9	78.4	49.9	57.7
Oceania				58.1	19.1	7.7	13.2
Crude materials				44.3	14.8	5.7	10.8
Crude foodstuffs				.3	.2	.1	.1
Manufactured foodstuffs				5.6	2.2	.9	1.4
Semimanufactures				1.7	.6	.3	.3
Finished manufactures				1.2	1.3	.7	.6
Africa	15.3	22.6	71.5	91.2	32.9	24.2	28.3
Crude materials	14.7	21.6	46.2	47.2	15.6	9.7	13.5
Crude foodstuffs	.3	.4	10.5	17.5	7.9	9.3	8.5
Manufactured foodstuffs	(5)	(5)	.6	.6	.4	.3	.2
Semimanufactures	.1	.3	13.1	24.3	8.1	4.2	5.4
Finished manufactures	.2	.2	1.1	1.7	.9	.8	.6

[1] Average for period. [2] See headnote to Table 477 and [illegible] 478.
[3] "Asia and Oceania" for 1905 to 1925. [4] Revised.

No. 480.—PER CENT EACH CONTINENT FURNISHES OR TAKES OF TOTAL TRADE IN EACH ECONOMIC CLASS

NOTE.—Percentages are based on data shown in Table 479, except calculations were made from the full figures. See also Supplemental Table 478

Continent	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933
	Crude materials						Foodstuffs					
Exports (U. S. mdse.):												
North America	10.6	12.1	14.0	15.4	14.8	12.9	12.5	20.4	23.5	28.5	19.4	20.2
South America	.1	.4	.7	.6	.4	.4	2.0	3.1	2.5	4.9	6.6	3.4
Europe	85.8	83.4	73.5	67.6	57.1	64.4	80.6	71.1	68.1	58.4	65.2	67.4
Asia and Oceania	3.2	3.8	11.4	15.9	27.2	21.9	3.7	4.3	5.0	7.2	8.0	7.8
Africa	.3	.3	.5	.5	.5	.4	1.2	1.0	.8	1.0	.9	1.2
General imports:												
North America	17.9	19.2	[1]15.9	12.1	11.9	10.3	36.5	39.4	[1]48.8	38.4	27.6	28.3
South America	13.4	13.3	10.2	11.5	13.1	13.8	24.4	24.9	24.8	31.5	33.7	30.6
Europe	38.9	38.6	[1]19.6	17.3	19.4	21.0	25.5	25.4	12.9	14.2	13.6	14.3
Asia and Oceania	26.4	25.4	50.7	55.9	52.9	51.6	13.4	10.2	[1]12.1	13.8	22.8	24.7
Africa	3.4	3.6	3.6	3.2	2.7	3.2	.1	.1	1.3	2.0	2.3	2.1
	Semimanufactures						Finished manufactures					
Exports (U. S. mdse.):												
North America	15.1	20.6	22.9	24.4	25.5	22.1	31.9	36.8	32.0	29.3	28.3	25.4
South America	4.8	6.4	8.6	9.9	7.1	8.0	11.6	12.7	13.7	15.8	10.2	13.8
Europe	73.4	67.3	49.3	48.1	47.4	47.4	34.7	32.0	28.5	31.7	35.7	34.0
Asia and Oceania	6.0	5.0	18.0	16.4	18.6	20.8	19.7	16.2	22.7	19.1	21.1	21.3
Africa	.7	.7	1.1	1.2	1.4	1.7	2.1	2.4	3.1	4.2	4.5	5.5
General imports:												
North America	18.2	15.1	[1]23.5	24.2	27.4	22.1	5.8	7.7	[1]21.8	25.9	36.4	28.5
South America	7.7	8.7	12.9	11.1	6.6	5.0	.3	.6	.7	.6	.7	.6
Europe	63.3	64.0	[1]43.5	42.7	46.9	49.8	82.2	79.5	[1]59.0	56.7	47.7	52.6
Asia and Oceania	10.7	12.1	[1]17.9	18.9	17.1	21.2	11.7	12.1	[1]18.3	16.7	14.9	18.1
Africa	[2]	.1	2.2	3.2	1.9	1.9	.1	.1	.2	.2	.2	.2

[1] Revised. [2] Less than one-tenth of 1 per cent.

No. 481.—PER CENT EACH ECONOMIC CLASS FORMS OF TOTAL TRADE WITH EACH CONTINENT

NOTE.—Percentages are based on data shown in Table 479, except calculations were made from the full figures. See also Supplemental Table 478

Class	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1932	1933
	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	19.0	17.8	16.1	15.0	21.8	23.3	1.1	2.2	2.7	1.6	2.2	2.2
Foodstuffs	20.2	17.8	23.4	18.3	13.4	12.6	12.7	10.9	8.8	8.3	16.6	6.1
Semimanufactures	12.0	14.6	11.9	13.8	14.3	16.0	15.5	18.1	15.7	14.8	14.6	16.5
Finished manufactures	48.8	49.8	48.6	53.0	50.5	48.1	70.8	68.7	72.9	75.3	66.6	75.1
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	31.5	32.9	[1]22.6	19.2	12.6	13.6	38.7	38.1	31.2	31.3	23.4	28.6
Foodstuffs	44.9	45.1	[1]44.5	36.9	33.2	37.1	49.4	47.8	49.0	52.3	68.2	63.1
Semimanufactures	16.3	13.4	[1]15.6	19.6	17.6	20.4	11.4	13.0	18.5	15.5	7.2	7.2
Finished manufactures	7.4	8.7	[1]17.2	24.3	36.7	28.9	.5	1.1	1.3	.9	1.2	1.1
	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	39.0	44.6	38.3	35.0	38.2	45.3	12.4	16.1	21.2	24.2	42.6	39.7
Foodstuffs	32.8	22.5	30.5	20.0	20.5	16.3	12.9	10.8	7.9	7.2	5.9	4.9
Semimanufactures	14.8	17.2	11.6	14.4	12.2	13.4	10.2	10.2	15.1	14.5	11.2	15.1
Finished manufactures	13.4	15.7	19.6	30.5	29.1	25.0	64.5	62.9	55.8	54.0	40.3	40.3
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	26.2	27.4	[1]24.2	21.2	17.8	19.0	53.1	54.7	65.7	66.6	51.2	49.1
Foodstuffs	12.0	12.1	10.2	10.6	14.2	12.9	18.9	14.7	[1]10.1	10.1	25.0	23.5
Semimanufactures	21.7	23.5	[1]25.1	26.9	26.2	31.5	10.9	13.5	[1]10.9	11.5	10.0	14.1
Finished manufactures	40.1	37.0	[1]40.5	41.3	41.8	36.6	17.1	17.1	[1]13.2	11.8	13.7	13.3

[1] Revised.

No. 482.—IN TRANSIT AND TRANSSHIPMENT TRADE OF THE UNITED STATES: BY CONTINENTS AND PRINCIPAL COUNTRIES

[Values in thousands of dollars]

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	
1925	332,984	68,471	15,753	28,160	27,274	262,640	15,954	26,832
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
	Africa		Canada		Mexico		Cuba	
1925	905	6,768	308,133	24,701	9,165	9,731	6,953	18,076
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	36,203	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
	Argentina		Peru		United Kingdom		Belgium	
1925	2,378	12,206	7,500	968	13,050	121,729	1,085	16,453
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
	France		Netherlands		Germany		Italy	
1925	2,057	14,477	3,808	17,546	2,969	30,925	2,021	22,671
1926	1,712	7,832	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

No. 483.—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				
1925	392,871	356,535	13,491	275,581	38,497	170	3,006	16,595	16,565
1926	366,693	314,645	15,296	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	8,380	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	5,723	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

[1] Includes districts not specified.

No. 484.—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 477. Figures for 1910 to 1914

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933
Grand total	2,165,818	4,397,027	4,777,314	5,240,995	3,843,181	2,424,289	1,611,016	1,674,994
North America[1]	601,095	1,071,959	1,233,033	1,395,064	1,013,226	590,826	364,952	340,359
1. Northern[1]	319,890	627,382	829,858	961,473	670,652	403,732	245,736	214,833
Canada[1]	315,044	619,017	819,471	948,446	659,094	396,355	241,351	210,651
Newfoundland and Labrador.	4,778	8,181	10,066	12,502	11,285	7,170	4,167	3,942
Miquelon and St. Pierre.	68	174	312	509	270	205	217	208
Greenland		10	9	16	3	2		31
2. Southern	181,205	444,577	403,175	433,590	343,574	187,094	119,216	126,026
Mexico	53,091	146,345	121,959	133,863	116,135	52,366	31,900	37,521
Central America	*37,569*	*58,738*	*78,522*	*90,756*	*68,339*	*46,669*	*30,464*	*31,451*
British Honduras	1,482	1,922	1,963	1,893	1,052	1,370	846	597
Costa Rica	3,437	5,139	6,913	8,313	4,554	3,523	2,435	2,424
Guatemala	2,834	7,214	10,773	11,525	7,305	5,196	2,820	3,097
Honduras	2,847	10,312	9,634	12,811	9,602	5,980	4,473	5,030
Nicaragua	2,442	5,284	6,494	7,031	4,809	3,565	1,993	2,096
Panama	22,451	22,807	35,441	41,133	35,900	23,552	15,609	15,887
Salvador	2,077	6,060	7,305	8,050	4,457	3,483	2,289	2,320
West Indies and Bermudas.	*90,545*	*239,494*	*202,694*	*208,969*	*164,100*	*88,059*	*56,851*	*57,054*
Bermudas	1,446	3,637	3,843	4,000	4,698	4,668	2,753	2,270
Barbados	[2] 1,467	1,501	1,497	1,388	1,358	957	525	643
Jamaica	[2] 4,974	8,537	8,535	9,131	8,374	5,562	2,815	2,648
Trinidad and Tobago.	[2] 3,329	5,176	5,705	6,736	6,239	2,885	1,651	2,108
Other British	[2] 2,945	5,446	5,626	6,002	4,705	3,117	1,978	1,647
Cuba	63,047	181,294	133,245	128,909	93,550	46,964	28,755	25,093
Dominican Republic.	4,411	15,282	14,742	14,190	9,271	6,010	4,630	5,520
Netherland West Indies.	864	3,095	14,621	24,167	24,020	9,649	6,476	10,314
French West Indies	1,633	2,630	2,745	3,358	3,108	2,175	2,334	2,140
Haiti	5,862	10,910	10,113	8,790	7,104	4,822	4,005	3,595
Virgin Islands of U. S.	854	1,394	2,020	2,298	1,673	1,250	930	1,076
South America	131,028	297,115	447,860	539,310	337,509	158,691	96,589	114,048
3. North Coast	13,075	43,965	86,849	96,478	60,171	33,126	21,910	28,819
Colombia	5,764	25,862	46,137	48,983	25,130	16,052	10,670	14,754
Guiana—								
British	1,808	2,094	1,315	1,100	1,045	725	384	434
Surinam (Netherlands).	723	983	1,112	897	867	619	544	442
French	294	450	156	173	162	85	84	74
Venezuela	4,486	14,576	38,129	45,325	32,967	15,645	10,229	13,115
4. East Coast	84,715	193,497	280,622	343,828	206,159	91,459	63,232	70,720
Argentina	47,169	117,002	165,222	210,288	129,862	52,652	31,133	36,927
Falkland Islands	1	4	44	6	8	107	1	
Brazil	31,484	59,921	89,377	108,787	53,809	28,579	28,600	29,728
Paraguay	134	617	1,229	1,500	1,067	602	281	451
Uruguay	5,927	15,952	24,750	28,245	21,413	9,519	3,217	3,614
5. West Coast	23,239	59,653	80,389	94,006	71,179	34,108	11,447	14,508
Bolivia	915	3,649	5,052	5,985	4,219	1,775	2,163	2,629
Chile	13,870	30,132	45,887	55,776	46,374	21,462	3,568	5,321
Ecuador	2,424	4,930	5,545	6,069	4,866	2,934	1,754	1,573
Peru	6,030	20,942	23,906	26,176	15,720	7,935	3,962	4,985

For footnotes see p. 428.

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

thousands of dollars]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933	
1,698,874	3,450,103	4,033,469	4,399,361	3,060,908	2,090,635	1,322,774	1,449,559	**Grand total.**
347,136	910,902	940,194	981,529	761,711	517,041	338,522	317,767	**North America.**[1]
118,518	396,668	479,737	514,370	414,355	277,111	181,413	190,651	**1. Northern.**[1]
117,213	393,771	469,212	503,496	402,350	266,268	174,101	185,409	Canada.[1]
1,272	2,528	10,024	10,411	11,485	10,396	7,133	4,754	Newfoundland and Labrador.
7	37	61	28	66	4	5	338	Miquelon and St. Pierre.
[2] 33	333	441	435	454	443	174	150	Greenland.
228,617	514,233	460,457	467,159	347,356	239,930	157,107	127,116	**2. Southern.**
70,479	147,488	125,933	117,738	80,203	47,612	37,423	30,716	Mexico.
17,369	*36,357*	*43,609*	*44,771*	*38,628*	*31,001*	*24,456*	*22,613*	*Central America.*
1,435	2,421	3,093	3,336	2,682	1,541	625	430	British Honduras.
3,703	5,090	5,732	5,203	4,813	3,736	3,687	3,944	Costa Rica.
2,845	10,015	10,020	8,470	7,401	4,651	4,501	3,484	Guatemala.
2,756	5,957	11,151	12,833	12,600	11,870	9,004	7,046	Honduras.
1,420	4,987	4,993	5,748	3,522	2,382	1,964	2,225	Nicaragua.
3,781	4,635	5,483	5,351	4,735	4,590	3,530	3,376	Panama.
1,338	3,251	3,138	3,830	2,875	2,231	1,143	2,108	Salvador.
140,770	*320,388*	*290,914*	*304,650*	*228,435*	*161,317*	*95,231*	*73,787*	*West Indies and Bermudas.*
599	1,076	921	773	659	527	465	419	Bermudas.
[2] 308	351	499	493	499	551	309	178	Barbados.
[2] 6,140	6,878	8,425	7,528	7,763	6,262	3,234	1,246	Jamaica.
[2] 5,490	5,199	8,913	10,823	8,373	5,620	3,390	1,536	Trinidad and Tobago.
[2] 1,434	2,372	2,700	2,405	1,596	1,139	830	685	Other British.
122,077	299,605	207,920	207,421	121,949	90,059	58,330	58,498	Cuba.
3,617	8,138	8,850	8,465	7,255	5,126	3,380	3,279	Dominican Republic.
474	4,290	50.337	64,589	78,345	50,817	24,182	6,533	Netherland West Indies.
59	168	128	105	105	47	94	91	French West Indies.
794	1,651	1,352	1,445	1,123	760	611	804	Haiti.
221	660	869	603	768	409	405	517	Virgin Islands of U. S.
206,868	421,336	545,788	639,758	433,518	307,190	200,902	202,280	**South America.**
22,545	65,832	132,571	156,882	136,369	104,101	82,427	62,629	**3. North Coast.**
11,946	49,370	94,662	103,525	97,139	75,482	60,846	47,637	Colombia.
								Guiana—
494	675	934	830	739	812	476	276	British.
944	737	1,115	1,171	1,538	894	798	1,230	Surinam (Netherlands).
38	177	79	132	85	68	13	37	French.
9,122	14,873	35,782	51,224	36,868	26,845	20,294	13,451	Venezuela.
148,280	251,361	309,361	344,475	215,346	150,493	100,121	120,683	**4. East Coast.**
32,878	83,270	94,842	117,581	71,891	35,980	15,779	33,841	Argentina.
	468	22	2		269		178	Falkland Islands.
110,878	152,170	199,515	207,686	130,854	110,212	82,139	82,628	Brazil.
39	655	555	529	247	155	100	262	Paraguay.
4,485	14,799	14,427	18,677	12,354	3,877	2,104	3,773	Uruguay.
36,034	104,142	103,856	138,401	81,803	52,596	18,354	18,968	**5. West Coast.**
2	1,082	241	379	152	43	6	105	Bolivia.
22,881	77,186	75,059	102,025	54,813	39,977	12,278	11,503	Chile.
3,370	6,859	5.736	5,830	5,554	3,603	2,386	1,888	Ecuador.
9,780	19,015	22,819	30,167	21,284	8,973	3,685	5,472	Peru.

No. 484.—Exports (Including Reexports) and General Imports of Mer

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933
Europe[1]	1,350,299	2,317,944	2,235,613	2,340,848	1,838,375	1,186,885	784,299	849,778
6. Northwestern and Central	1,000,000	1,080,897	1,072,071	1,040,194	1,519,979	966,448	670,264	717,498
Sweden						32,156	17,457	18,598
Norway						12,196	6,916	7,112
Denmark	15,393	42,615	49,608	51,442	40,243	29,749	11,996	11,611
Iceland	16	290	311	448	361	291	67	132
United Kingdom	567,592	[3] 939,412	837,219	848,000	678,105	455,974	288,326	311,732
Irish Free State		[4] 7,280	13,896	14,421	13,725	6,421	4,487	4,128
Belgium	53,117	111,284	105,640	114,855	86,000	59,441	40,278	43,268
France	138,841	265,196	244,606	265,592	223,960	121,820	111,561	121,711
Netherlands	104,575	138,228	131,901	128,295	104,915	65,590	45,254	48,659
Austria	[5] 20,581	2,211	4,663	5,331	4,751	2,613	849	1,195
Czechoslovakia		1,665	5,387	6,123	5,061	3,788	1,872	1,565
Hungary	[6]	330	1,828	2,328	1,337	687	232	259
Germany	304,098	383,219	400,394	410,449	278,269	166,050	133,668	140,024
Switzerland	833	7,198	10,888	12,499	11,349	9,672	7,300	7,507
7. Northeastern	25,882	58,267	103,572	116,131	133,246	113,874	23,226	28,601
Estonia		2,081	809	830	513	348	560	683
Finland	[2] 3,031	10,442	14,866	14,804	11,290	4,865	2,775	3,462
Latvia		3,047	1,190	2,320	805	387	153	406
Lithuania		67	220	184	274	199	164	193
Poland and Danzig		10,881	10,887	16,356	9,002	4,589	7,108	15,114
Soviet Russia in Europe	23,456	[6] 31,749	75,600	81,547	111,362	103,486	12,466	8,743
8. Southwestern	96,451	268,107	229,473	252,398	171,415	94,866	80,688	98,086
Azores and Madeira Islands.	214	987	1,256	1,031	1,293	325	107	156
Gibraltar	473	3,412	1,001	143	117	72	143	126
Italy	65,966	185,237	141,115	153,967	100,429	54,815	49,135	61,240
Portugal	3,610	8,005	12,456	15,135	12,069	5,083	4,614	5,808
Spain	26,189	70,465	73,644	82,120	57,507	33,971	26,688	30,757
9. Southeastern	5,068	30,943	24,296	30,180	20,435	11,697	10,120	5,594
Albania[7]							93	85
Bulgaria	165	745	623	1,053	589	176	249	279
Greece	873	17,153	13,699	16,741	12,522	7,578	7,764	2,840
Malta, Gozo, and Cyprus Islands.	378	1,381	1,083	1,288	897	510	309	396
Rumania	1,415	2,409	6,436	9,795	4,920	2,236	1,260	1,696
Turkey in Europe	2,225	8,058	[8] 2,945					
Yugoslavia[7]	[9] 12	1,198	1,276	1,303	1,507	1,197	445	297
Asia	121,042	498,853	573,973	643,815	447,987	386,352	292,428	292,284
10. Western	2,600	8,047	10,643	15,239	12,476	6,537	7,035	8,782
Aden	1,345	1,099	497	608	225	99	80	92
Arabia				426	336	208	76	106
Iraq		362	1,170	979	1,003	521	1,124	1,268
Palestine				1,405	1,370	904	1,673	2,731
Syria		3,129	4,070	3,581	2,414	2,035	1,460	1,835
Persia	132	950	1,805	2,430	2,743	1,057	1,082	1,409
Turkey in Asia[10]	1,123	[11] 2,508	3,100	5,810	4,385	1,713	1,539	1,343
11. Southern and Southeastern.	40,613	119,137	180,632	209,813	154,907	109,390	83,246	76,617
British India	10,904	38,188	53,512	55,359	45,195	36,698	24,915	19,858
Ceylon	[12] 413	[12] 1,453	2,584	2,847	1,796	1,258	737	816
British Malaya	2,876	8,030	12,649	14,641	9,601	4,735	2,497	2,397
Netherland India	3,098	17,242	33,850	45,650	29,403	15,323	7,816	6,890

For footnotes, see pp. 428 and 429.

CHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES—Continued

thousands of dollars]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933	
836,499	1,049,494	1,210,511	1,332,630	908,845	640,095	388,963	462,189	**Europe**[1]
723,829	884,987	1,005,460	1,105,968	745,775	517,664	302,775	373,110	**8. Northwestern and Central.**
9,530	34,073	47,302	52,986	45,525	34,271	24,480	30,972	Sweden.
8,086	18,498	21,694	21,235	18,224	16,820	10,439	13,160	Norway.
2,597	6,029	4,267	4,561	3,181	1,881	1,328	1,786	Denmark.
71	106	316	544	437	442	324	490	Iceland.
278,897	[3] 355,781	325,884	329,755	209,994	135,452	74,631	111,218	United Kingdom.
----------	[4] 1,269	2,794	4,260	5,364	2,303	371	508	Irish Free State.
40,360	58,335	70,137	74,048	51,536	34,241	21,927	23,163	Belgium.
130,130	147,875	152,766	171,485	113,775	79,174	44,738	49,702	France.
34,937	70,625	81,549	83,853	51,193	34,952	22,430	30,949	Netherlands.
[5] 18,077	4,097	10,433	12,235	7,780	4,108	2,611	2,591	Austria.
----------	17,373	34,505	46,129	29,584	23,162	13,021	14,651	Czechoslovakia.
(5)	603	1,161	1,839	936	720	411	1,185	Hungary.
176,462	132,496	210,570	254,688	176,981	127,039	73,572	78,185	Germany.
24,682	38,843	42,083	48,350	31,265	23,099	12,493	14,551	Switzerland.
19,254	17,719	35,913	43,056	37,797	25,996	19,589	24,286	**7. Northeastern.**
----------	400	830	875	544	457	419	549	Estonia.
[2] 153	7,549	9,866	11,225	10,454	9,932	8,179	8,916	Finland.
----------	2,578	4,022	4,050	1,772	835	544	416	Latvia.
----------	285	527	533	226	207	63	373	Lithuania.
----------	2,369	4,053	4,853	2,838	1,954	1,256	2,686	Poland and Danzig.
19,131	[6] 4,557	16,615	21,520	21,963	12,611	9,129	11,348	Soviet Russia in Europe.
79,589	115,147	143,500	161,912	111,083	83,654	57,412	56,471	**8. Southwestern.**
267	2,495	1,587	1,445	1,465	837	800	789	*Azores and Madeira Islands.*
11	16	27	15	8	4	5	42	Gibraltar.
51,149	79,141	101,913	117,067	79,321	62,659	42,403	38,571	Italy.
6,552	3,855	5,541	7,326	4,927	3,533	2,798	3,368	Portugal.
21,610	29,639	34,432	36,059	25,362	16,621	11,406	13,701	Spain.
13,827	31,642	25,638	21,694	14,190	12,781	9,137	8,322	**9. Southeastern.**
----------	----------	----------	----------	----------	----------	61	29	Albania.[7]
376	1,029	858	881	514	414	202	315	Bulgaria.
3,329	22,255	18,143	17,757	11,793	10,982	7,550	5,987	Greece.
18	160	153	186	38	23	14	93	Malta, Gozo, and Cyprus Islands.
248	266	659	559	214	564	921	403	Rumania.
8,859	7,421	[8] 10,688	----------	----------	----------	----------	----------	Turkey in Europe.
[9] 996	511	1,550	2,311	1,532	798	438	1,495	Yugoslavia.[7]
258,534	942,879	1,192,632	1,280,279	856,496	574,301	362,454	425,868	**Asia**
13,576	21,279	30,986	35,068	24,964	18,173	11,716	16,535	**10. Western.**
1,808	2,221	2,693	2,457	1,742	1,260	560	1,042	Aden.
----------	2,547	4,921	174	66	88	201	218	Arabia.
----------	----------	----------	6,241	3,765	3,321	1,905	2,230	Iraq.
----------	2,337	3,895	182	165	105	91	194	Palestine.
----------	----------	----------	5,200	1,791	1,857	806	1,306	Syria.
1,377	4,773	7,933	8,648	5,797	4,457	2,764	3,353	Persia.
10,392	[11] 9,402	11,544	12,166	11,638	8,085	5,388	8,191	Turkey in Asia.[10]
119,750	425,025	625,105	629,582	436,794	274,373	184,762	237,057	**11. Southern and Southeastern.**
56,356	109,020	136,869	149,332	104,148	58,521	33,201	43,759	British India.
[12] 9,966	[12] 27,059	36,106	32,437	20,707	10,906	5,915	7,014	Ceylon.
24,625	153,247	249,829	239,164	144,032	83,073	34,806	59,912	British Malaya.
9,194	54,962	87,467	82,301	57,890	34,240	29,827	33,076	Netherland India.

No. 484.—Exports (Including Reexports) and General Imports of Mer

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933
Asia—Continued								
11. [illegible]								
[illegible]	243	1,079	1,886	2,525	1,549	967	1,484	610
Philippine Islands	22,596	51,927	73,688	85,530	64,935	48,883	44,968	44,782
Siam	481	1,199	2,391	3,162	2,365	1,313	683	841
Other Asia	1	19	72	99	58	213	146	424
12. Eastern	77,829	371,669	382,697	418,161	280,604	270,425	202,148	206,884
China	21,578	104,175	109,021	124,163	89,605	97,923	56,171	51,942
Hong Kong	9,137	17,810	18,043	19,566	16,987	14,380	9,695	8,563
Kwantung	676	6,735	7,531	11,841	6,405	2,176	1,186	2,691
Japan	45,290	241,877	246,036	259,127	164,570	155,715	134,921	143,435
Soviet Russia in Asia [13]	1,148	1,072	2,066	3,464	3,037	231	175	254
13. Oceania	47,716	141,428	177,239	192,022	107,719	41,574	36,774	35,109
[illegible]	38,722	111,273	130,072	150,110	75,990	27,167	26,817	26,284
[illegible]	7,791	28,198	35,841	39,461	29,827	13,479	9,254	8,229
[illegible]	296	606	1,316	1,433	1,055	404	249	233
[illegible]	754	1,065	1,010	1,018	847	524	454	364
Other Oceania	153	284						
Africa	24,638	69,729	109,596	130,535	92,365	59,961	35,974	42,916
14. Mediterranean	4,914	20,830	27,076	33,375	25,116	14,568	9,277	10,269
Algeria and Tunisia	[14] 2,357	[14] 7,329	8,273	10,848	8,270	4,520	2,720	2,190
Canary Islands	752	2,110	3,042	2,766	3,010	1,930	1,179	1,481
Egypt	1,688	8,221	11,084	14,026	8,904	5,269	2,707	3,817
Italian Africa	50	63	56	65	65	72	196	184
[illegible]	51	2,445	3,691	5,019	4,160	2,431	2,142	2,159
Spanish Africa [illegible]	17	661	929	651	707	346	334	429
15. Other Africa	19,724	48,899	82,520	97,160	67,249	45,393	26,697	32,657
Ethiopia		10	24	25	51	36	38	29
Belgian Congo	34	469	1,083	1,382	1,302	828	487	576
British Africa—								
West	[15] 3,189	7,835	11,781	12,381	9,379	5,122	3,811	3,399
Union of South Africa	12,910	31,369	53,108	61,130	38,078	28,306	15,811	22,050
Other British South Africa				2,622	1,051	300	171	375
East	708	2,306	4,723	5,417	4,487	2,092	1,148	1,041
[illegible]	96	213	492	400	316	177	107	97
[illegible]	18	130	409	654	433	337	326	289
[illegible]	(14)	[14] [16] 2,350	4,037	4,824	5,013	2,868	2,080	1,697
Portuguese Africa	2,770	4,687						
Mozambique			5,350	6,055	5,857	4,060	2,182	2,721
Other			1,513	2,270	1,282	1,267	536	383
Latin America (groups 2, 3, 4, and 5)	302,233	741,692	951,035	972,900	686,083	345,785	215,805	240,073
Far East (groups 11, 12, 13)	166,153	632,282	740,568	819,996	543,230	421,389	322,187	318,611

[1] See headnote and Table 477.
[2] [illegible]
[3] [illegible] is included in United Kingdom prior to 1925.
[4] 1925 only.
[5] Figures given for Austria are for Austria-Hungary.
[6] [illegible] 1921–1924.
[7] Albania included with Yugoslavia prior to 1932.
[8] Average for years 1926 and 1927. See note 10.
[9] Serbia and Montenegro.
[10] Includes Turkey in Europe beginning 1928.
[11] Includes Greece in Asia and Armenia and Kurdistan for 1921–1924.

CHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES—Continued

thousands of dollars]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932	1933	
								Asia—Continued
								11. Southern and Southeastern—Continued.
1	235	124	29	219	236	76	145	French Indo-China.
19,430	80,108	114,114	125,792	109,390	87,133	80,877	93,048	Philippine Islands.
110	301	477	527	400	263	57	78	Siam.
68	94	119	---	8	1	1	25	Other Asia.
125,208	496,575	536,541	615,629	394,738	280,755	165,976	172,277	**12. Eastern.**
35,323	142,035	140,506	166,233	101,464	66,759	26,177	37,807	China.
3,054	15,937	12,062	11,665	9,002	5,829	4,277	3,939	Hong Kong.
98	2,739	3,362	4,827	2,809	1,223	904	1,347	Kwantung.
84,999	335,384	379,632	431,873	279,040	206,349	134,011	128,418	Japan.
1,734	480	977	1,031	2,423	595	607	766	Soviet Russia in Asia.[13]
17,276	53,994	53,137	56,557	32,791	19,120	7,691	13,190	**13. Oceania.**
12,312	37,534	33,072	31,968	17,451	12,504	4,643	7,680	Australia.
3,758	13,821	16,632	20,834	11,621	4,433	2,158	4,793	New Zealand.
118	864	1,556	2,027	2,048	835	451	302	British Oceania.
1,048	1,489	1,877	1,728	1,671	1,348	438	415	French Oceania.
40	286	---	---	---	---	---	---	Other Oceania.
22,573	71,499	91,207	108,808	67,547	32,888	24,241	25,265	**Africa.**
18,096	36,232	36,027	46,489	19,309	6,963	6,783	8,422	**14. Mediterranean.**
[14] 733	[14] 2,096	4,229	4,382	4,019	1,818	1,211	1,326	Algeria and Tunisia.
139	249	*531*	*511*	*444*	*256*	*191*	*187*	*Canary Islands.*
16,887	33,471	30,092	39,675	13,590	4,017	4,849	6,128	Egypt.
106	21	35	76	63	110	54	119	Italian Africa.
232	394	1,089	1,845	1,193	762	472	653	Morocco.
---	---	1	---	---	---	6	10	Spanish Africa, n. e. s.
4,477	35,267	55,181	62,119	48,238	25,925	17,457	19,843	**15. Other Africa.**
1	2	195	828	79	41	229	181	Ethiopia.
7	909	11,813	11,580	14,043	2,576	1,204	1,614	Belgian Congo.
								British Africa—
[15] 749	12,843	23,245	30,000	20,316	12,476	8,932	9,264	West.
} 2,463	9,292	10,875	{ 9,638	6,939	4,404	2,302	3,895	Union of South Africa.
			{ 18	33	86	108	215	Other British South Africa.
942	1,750	2,410	[12] 3,102	2,265	1,325	1,843	1,630	East.
2	29	180	101	52	29	5	10	Liberia.
33	207	246	326	307	143	96	133	Madagascar.
(14)	[14] [15] 775	1,817	2,466	2,590	2,296	1,343	845	French Africa, n. e. s.
280	9,615	---	---	---	---	---	---	Portuguese Africa.
---	---	4,311	4,047	1,572	2,501	1,282	1,857	Mozambique.
---	---	90	13	42	48	113	198	Other.
435,476	935,569	1,006,245	1,106,817	780,874	547,120	358,009	329,396	**Latin America (groups 2, 3, 4, and 5).**
262,233	975,594	1,214,783	1,301,768	864,323	574,248	358,429	422,523	**Far East (groups 11, 12, 13).**

[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. 485.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY GROUPS OF CUSTOMS DISTRICTS

NOTE.—Fiscal y[illegible]r years. All figures except export figures for 1865, 1870-1[illegible] 1865 and 1870-1878 represent mixed gold and currency valu[illegible]ues given for total exports in other tables; all figures for [illegible]mports 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

[All figures in thousands of dollars]

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	16,241	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	655,100	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	449,906	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	2,575,493	1,082,472	275,442	92,606	30,003	526,059	485,071	825,539	535,040
1890	628,865	653,535	141,120	17,821	5,608	9,353	45,361	50,993	36,875	49,540
1891	637,454	697,965	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	39,606	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	19,901	13,999	4,135	58,925	43,906	63,696	50,060
1898	862,325	502,146	201,848	13,063	12,135	5,065	74,183	50,264	80,981	39,478
1899	870,755	576,163	194,390	17,483	15,820	4,632	56,204	45,873	89,404	45,688
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	295,465	26,670	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	779,237	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	409,631	59,566	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	1,739,159	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	105,396
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	511,233	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	23,073	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	2,677,130	1,227,757	284,576	95,464	30,394	561,007	504,695	924,741	564,119
1929	2,424,262	2,931,456	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

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 486.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY PRINCIPAL CUSTOMS DISTRICTS

NOTE.—**All figures in thousands of dollars.** Fiscal years to and including 1915; thereafter, calendar years. Figures represent specie values except for 1933 and for exports for years 1865 and 1870–1878. 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 485

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	24,390	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
1915–1920[1]	217,236	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	1,689,191	1,967,949	100,406	205,098	93,543	109,108	73,099	17,814
1890	71,202	62,877	349,052	516,427	37,411	53,936	73,984	13,140	30,884	472
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	100,857	90,178	391,680	489,604	47,305	48,073	85,693	11,371	23,443	416
1898	117,532	51,475	445,516	402,281	56,244	31,420	118,846	8,907	28,938	392
1899	128,037	52,098	459,444	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	115,530	19,045	38,252	430
1901	143,708	61,452	529,593	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	88,126	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	32,895	58,235	4,462
1914	65,715	159,916	864,546	1,040,381	65,183	96,483	109,690	34,489	110,595	6,270
1915	107,476	152,654	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	1,684
1917	208,532	220,404	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	219,710	93,436	91,836	51,493	28,928
1924	57,346	253,852	1,657,698	1,690,003	106,444	202,597	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	1,769,904	1,950,058	88,424	215,692	98,974	110,026	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	39,856	79,113	24,563	46,141	20,309	6,600
1933	11,963	93,185	506,982	748,235	47,848	91,012	25,583	45,933	23,785	6,833

[1]Period July 1, 1915, to Dec. 31, 1920.

No. 486.—Exports (Including Reexports) and General 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	3,827	961
1865	3,582	1,464			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	241,264	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	11,865	48,914	292,545	93,297
1890	108,127	14,668	24,447	416	588	9,726	2,481	13,590	19,399	5,389
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	15,546	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	115,859	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	969	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	8,565
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	4,925	26,172	61,108	14,537
1909	144,982	45,713	189,464	3,355	42,891	13,065	4,775	23,671	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	16,815
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	255,768	12,245	87,676	30,306	8,688	38,631	102,573	26,347
1915	209,373	79,745	230,392	10,148	73,959	31,415	23,565	29,498	117,747	24,966
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	74,896
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	156,256	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	30,635	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	75,969
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	82,058	40,537

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 486.—Exports (Including Reexports) and General Imports of Merchandise, by Principal Customs Districts—Continued

Year or yearly average	San Francisco		Washington	
	Exports	Imports	Exports	Imports
1860	4,868	7,367	-------	-------
1865	9,988	15,802	633	12
1870	13,992	15,983	428	35
1871–1875	19,476	25,459	497	30
1876–1880	27,718	29,798	486	33
1881–1885	41,740	39,109	1,647	109
1886–1890	33,035	44,344	2,708	417
1891–1895	32,365	43,557	5,627	1,068
1896–1900	36,607	40,443	13,948	6,399
1901–1905	37,751	38,188	30,708	9,907
1906–1910	32,758	49,226	38,567	23,409
1911–1915	60,154	63,760	57,711	50,200
1915–1920[1]	186,317	197,613	222,702	206,862
1921–1925	158,275	155,500	110,361	214,213
1926–1930	183,236	195,351	136,886	212,134
1890	36,876	48,751	3,326	305
1891	40,169	50,943	5,729	477
1892	40,737	47,136	6,566	573
1893	31,144	45,291	5,093	840
1894	24,903	38,147	4,942	1,230
1895	24,873	36,270	5,805	2,222
1896	31,583	41,400	6,855	5,484
1897	39,648	34,376	11,865	7,066
1898	41,224	42,823	17,919	5,058
1899	30,215	35,747	15,200	7,240
1900	40,368	47,870	17,903	7,149
1901	34,597	35,162	20,679	6,721
1902	38,184	35,103	33,789	11,971
1903	33,503	36,454	32,500	12,177
1904	32,547	37,543	22,730	11,285
1905	49,924	46,676	43,843	7,378
1906	39,915	44,433	49,235	13,614
1907	33,027	54,095	43,659	25,353
1908	28,000	48,251	44,033	22,209
1909	31,669	49,998	25,788	26,960
1910	31,181	49,351	30,121	28,910
1911	40,625	53,885	39,361	36,655
1912	49,250	59,235	63,746	39,011
1913	66,021	62,502	62,548	51,474
1914	63,375	67,111	55,012	55,392
1915	81,501	76,068	67,888	68,467
1915 (6 mos.)	41,807	42,290	46,161	55,933
1916	126,758	117,128	200,448	161,780
1917	175,136	231,979	196,932	289,078
1918	214,695	245,519	296,166	300,954
1919	240,518	238,027	292,274	195,919
1920	225,828	211,928	192,880	134,079
1921	129,111	97,129	90,327	58,539
1922	145,099	170,815	90,071	218,218
1923	160,432	166,685	116,088	262,156
1924	173,442	146,335	134,760	270,284
1925	183,292	196,537	120,557	261,870
1926	186,773	210,139	147,570	261,880
1927	174,555	199,999	129,513	239,284
1928	201,265	198,275	150,817	229,024
1929	206,018	212,678	153,874	216,774
1930	147,568	155,564	102,655	113,708
1931	112,257	85,776	67,269	55,344
1932	82,903	58,223	36,996	35,289
1933	84,512	55,514	37,326	28,302

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 487.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION: By Tariff Schedules

Note.—All money figures in thousands of dollars. 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
1908	39,127	10,530	26.91	26,224	13,251	50.53	45,280	16,004	35.34
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	25,591	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	96,768	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	27,997	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	110,462	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

No. 487.—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
1908	23,350	3,301	14.14	83,627	50,168	59.99	26,495	22,160	83.64
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	4,457	709	15.90	157,571	49,608	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	240,380	49,093	20.42	31,963	21,961	68.76
1918 (6 months)	1,675	218	12.99	87,180	18,250	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	13,367	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	66,614	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	69,943	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	68,632	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	56,152	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	1,687	22.44	45,762	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

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
1908	69,610	21,619	31.06	21,420	15,213	71.02	31,577	13,878	43.95
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	253,569	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

No. 487.—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 [2]			Schedule 12.—Silks and manufactures of [2] [3]		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1908	96,177	41,922	43.59	45,822	28,845	62.95	31,755	16,493	51.94
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	24,632	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

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
1908				22,335	4,415	19.75	94,616	24,475	25.87
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	86,695	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

[2] Laces, embroideries, etc., of flax, wool, silk, and rayon are included in Schedule 15, beginning 1914.
[3] Schedules 12 and 13 prior to 1931.

No. 488.—VALUE OF PRINCIPAL ARTICLES

NOTE.—Specie values except for 1865, 1870–1878, and 1933; for 1865 and 1870–1878, mixed gold and currency June 30, 1850 through 1915; calendar years thereafter. In some cases blanks

[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		666	9,884
1850					7,742		25		1,372	9,951
1860	8,080	6,200	693		19,525	1,609	206	241	3,886	15,907
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	37,492	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	1,460	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	70,983	24,019	1,311	131,029	19,470	14,778	4,605	13,898	29,891
1906–1910	93,563	87,326	31,234	989	117,768	23,472	16,531	7,831	19,438	33,186
1911–1915	81,315	83,806	44,656	3,613	172,788	25,570	31,865	13,362	21,852	46,064
1915–1920 [3]	401,251	166,868	110,215	52,009	512,963	21,978	61,501	46,430	20,417	139,609
1921–1925	139,833	144,085	44,287	39,475	321,864	24,695	82,869	39,003	22,379	164,596
1926–1930	77,958	116,071	47,481	14,767	230,647	24,392	122,234	67,366	30,266	144,549
1890	78,409	48,202	11,175	1,294	102,312	8,000	4,060	1,090	7,444	21,480
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	46,719	17,765	456	91,735	7,950	5,679	1,969	8,844	24,571
1897	89,017	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	8,338	214,948	12,582	9,013	2,058	9,155	22,172
1899	110,410	60,579	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	72,935	22,350	1,590	178,537	19,943	8,719	4,032	11,734	27,104
1903	106,199	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	16,568	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	49,354
1914	68,443	80,562	36,660	1,586	142,408	21,668	31,850	12,441	19,882	53,904
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	33,934	16,289	62,833
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	326,290	218,784	74,211	650,351	36,041	126,265	53,866	31,434	250,986
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	46,075	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	49,188	40,204	328,324	27,590	97,689	40,622	25,309	164,130
1925	127,033	148,257	52,155	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	154,465
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

[1] Excludes "lard compounds" beginning 1921; now classified as "vegetable cooking fats."
[2] Includes semimanufactures.

OF UNITED STATES MERCHANDISE EXPORTED

values, and for 1933, dollar currency values. Figures are for fiscal years ended Sept. 30, through 1840, and 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.
5,836	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	22,390	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	158,897	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	121,860	524,364	170,666	149,999	492,617	405,121	1926–1930.
250,989	9,999	16,646	9,872	6,910	53,812	2,793	8,403	19,521	-------	1890.
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	13,642	11,556	67,592	10,782	33,681	37,738	-------	1897.
230,442	17,024	20,393	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	93,837	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	19,879	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	19,086	9,959	37,236	83,264	100,894	70,033	94,935	59,647	1915 (6 mos.).[4]
545,229	127,052	33,061	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	269,951	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	587,871	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.

[3] Average for period July 1, 1915, to Dec. 31, 1920.
[4] July to December.

No. 489.—VALUE OF PRINCIPAL COMMODITIES

NOTE.—Specie values except for 1933; for that year, dollar currency values. Figures represent general years thereafter. In some cases blanks represent entire

[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	1,607	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	3,026	98,220	105,946	17,763	12,810	29,482	5,828
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	60,087	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
1915–1920 [4]	201,517	47,620	61,755	84,462	165,265	393,906	192,149	51,012	65,816	62,591
1921–1925	93,067	80,552	75,499	59,652	205,792	295,389	192,922	64,831	86,568	60,406
1926–1930	118,003	114,785	84,868	81,940	281,707	207,318	294,428	57,018	63,627	72,250
1890	21,882	7,554	20,746	2,160	78,267	96,095	14,855	17,605	29,918	6,434
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	80,486	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	99,066	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	52,408	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	49,378	18,039	50,162	14,693
1906	83,832	21,856	28,916	9,688	73,256	85,460	45,114	22,448	64,309	20,084
1907	83,207	21,884	35,565	11,690	78,232	92,806	58,920	26,055	74,747	29,114
1908	54,770	15,918	36,874	12,369	67,088	80,258	36,613	22,870	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	21,630	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	27,866	67,004	21,104
1912	102,476	24,986	42,567	25,157	117,827	115,515	93,013	31,919	65,175	24,359
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	58,858	9,384	20,767	15,890
1916	172,603	21,060	44,749	40,081	118,813	227,319	159,745	26,856	54,009	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	100,163	66,972
1924	75,052	88,299	72,335	59,607	248,828	363,656	174,231	75,302	90,914	59,396
1925	96,764	116,755	88,664	74,985	286,235	246,008	429,705	71,404	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	112,846	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	69,264	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	28,767
1932	22,493	28,495	44,270	29,264	136,812	96,718	32,538	23,027	27,902	16,998
1933	45,679	38,109	37,388	34,648	124,137	107,642	45,868	21,508	32,026	24,430

[illegible]; formerly classified as miscellaneous textile products.
[illegible] prior to Oct. 4, 1913. [3] Includes semimanufactures.

IMPORTED INTO THE UNITED STATES

imports; they are for fiscal years ended Sept. 30 through 1840, and June 30, 1850, through 1915; calendar
absence of trade; in other cases the item was not segregated

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	19,621	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.
10,603	37,946	12,545	8,076	----------	1,838	----------	525	4,963	4,677	1881–1885.
16,459	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.
26,212	20,496	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.
42,604	22,777	80,079	21,884	16,254	12,952	8,077	46,129	41,493	39,631	1911–1915.
170,173	26,852	213,960	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	86,044	151,219	131,900	108,244	89,058	67,538	1926–1930.
15,264	56,582	23,285	9,295	1,814	2,817	----------	521	6,899	4,847	1890.
18,231	41,060	17,995	10,077	1,903	3,031	----------	730	7,978	5,950	1891.
19,688	35,566	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	15,628	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	26,247	8,527	1,053	3,169	----------	1,530	6,762	7,161	1896.
53,243	49,163	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	16,164	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	30,933	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	34,294	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	53,302	16,231	8,567	9,858	5,985	27,992	21,422	15,950	1915(6 mos.).[5]
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	114,850	1920.
60,482	51,218	259,054	44,492	39,396	88,330	77,715	45,785	22,319	30,688	1921.
86,546	59,414	365,787	63,844	63,292	85,334	88,485	66,820	46,302	45,123	1922.
129,711	69,118	391,908	82,622	74,744	115,659	78,713	95,988	63,261	63,913	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.
79,861	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	262,913	35,859	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	23,735	16,478	18,689	1932.
21,457	16,278	102,536	12,282	57,369	77,447	25,887	17,554	51,199	24,574	1933.

[4] Average for period July 1, 1915, to Dec. 31, 1920.

[5] July to December.

No. 490.—EXPORTS OF UNITED STATES MERCHANDISE BY COMMODITY GROUPS AND ARTICLES

NOTE.—Data are for calendar years. Figures for 1921–1925 and 1926–1930 are annual averages. For a number of items data are not shown separately for all years from 1921–1930 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 five years. In some cases the detail does not add to the total because of the different periods covered by the averages. For annual averages for 1910–1914, see Statistical Abstract 1930, Table 547

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Total exports of domestic merchandise							4,310,221	4,687,788	3,781,172	2,377,982	1,576,151	1,647,220
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total							340,032	233,340	186,563	117,393	69,474	75,389
A. Animals, edible							6,698	1,981	1,086	546	368	383
Cattle—												
Bulls for breeding—number	97,292	1,523	1,290	1,441	959	1,443	4,985	224	225	165	75	136
Cows for breeding—do		4,029	1,069	936	697			398	150	155	54	
Other cattle—do		7,885	4,740	1,727	1,958	1,469		319	191	79	87	56
Hogs (swine)—do	83,472	32,936	12,654	1,228	11,078	14,207	1,188	558	208	20	112	143
Sheep—do	36,407	12,233	6,335	2,436	4,123	676	275	180	67	31	9	13
Poultry, live—1,000 lbs	[1] 629	523	389	165	50	50	[1] 312	302	245	96	31	36
B. Meat products—do	838,927	425,286	380,301	253,305	191,013	231,439	139,833	77,988	65,612	35,653	18,967	25,507
Beef and veal—												
Fresh—do	4,725	2,408	2,853	2,083	1,633	2,898	779	503	634	444	293	370
Pickled or cured—do	23,339	13,876	14,671	13,022	9,868	12,734	2,342	1,591	1,537	929	629	707
Horse meat, pickled or cured—do			8,563	7,421	4,021	2,695			717	563	264	204
Pork—												
Carcasses, fresh or frozen—do	38,075	2,420	2,747	224	131	698	5,959	370	419	26	11	57
Loins and other fresh pork—do		10,845	14,826	9,323	8,002	13,712		1,966	2,619	1,344	698	1,330
Wiltshire sides—do	296,758	2,950	1,937				53,709	533	367			
Hams and shoulders, cured—do		135,289	120,170	84,885	65,218	78,579		28,478	23,703	13,078	6,737	8,663
Bacon—do	345,934	119,990	90,687	36,692	18,173	20,397	52,083	19,231	13,887	4,351	1,340	1,530
Cumberland sides—do		7,703	4,159	1,716	784	1,193		1,505	752	219	62	114
Pickled pork—do	33,785	33,427	30,628	15,789	15,259	16,608	4,301	4,860	4,205	1,576	1,031	1,044
Mutton and lamb—do	2,835	1,044	1,251	550	259	321	512	230	221	108	42	47
Sausage, not canned—do	7,686	3,807	3,282	2,618	2,037	2,632	2,106	1,115	961	638	366	458
Canned meats—do	[1] 15,911	16,418	17,946	15,342	11,420	13,499	5,551	5,752	6,305	5,025	2,358	2,982
Beef—do	2,807	2,323	1,710	1,478	1,003	1,202	710	838	668	481	244	289
Pork—do	2,898	8,865	12,197	11,246	8,713	10,847	927	3,313	4,411	3,852	1,795	2,414
Sausage—do	2,950	2,634	1,396	1,006	910	922	846	817	421	251	191	192
Other canned meat—do	[1] 7,538	2,596	2,644	1,612	794	528	3,069	785	804	441	128	87
Poultry and game, fresh—do	[1] 5,152	3,318	2,994	2,757	1,258	2,429	1,445	1,015	832	736	277	412
Other meats (including edible offal)—do	[1] 46,320	39,157	31,393	35,215	28,038	31,854	4,435	4,260	3,571	3,196	1,931	2,274
Sausage casings—												
Hog casings—do	29,927	32,632	13,924	11,004	9,701	11,882	6,610	6,578	3,000	2,004	1,567	2,851
Beef casings—do			16,583	12,701	13,621	18,301			1,596	1,094	1,121	2,155
Other casings—do			1,687	1,961	1,589	1,006			286	323	240	309

C. Animal oils and fats, edible	do	1,035,892	835,262	731,699	643,595	612,157	649,054	136,145	109,210	82,688	56,631	35,686	37,456
Oleo oil	do	105,534	72,631	56,483	47,323	42,409	33,783	12,770	8,607	5,871	3,309	2,491	1,887
Oleo stock	do	[1] 12,970	9,346	7,779	7,924	7,075	8,633	[1] 1,484	1,059	766	539	394	482
Tallow	do	26,356	5,977	5,594	2,665	2,511	6,839	2,126	507	398	171	113	319
Lard, including neutral lard—													
Lard	do	860,840	722,360	642,486	568,708	546,202	579,132	115,602	95,660	73,434	51,069	31,885	34,098
Neutral lard	do	22,959	18,867	13,531	9,588	5,951	5,107	3,351	2,671	1,631	929	386	334
Oleo stearin	do	[1] 8,353	5,183	5,133	6,842	7,534	6,273	[1] 926	565	478	540	364	306
Oleomargarine of animal or vegetable fats	1,000 lbs	2,144	900	692	547	474	288	367	141	110	74	53	30
D. Dairy products								30,100	17,447	14,386	11,024	6,072	4,021
Milk and cream—													
Fresh and sterilized	1,000 gals	[1] 112	124	189	101	36	36	166	77	108	70	33	27
Condensed (sweetened)	1,000 lbs	62,962	36,669	29,648	19,324	11,502	4,725	9,559	5,791	4,769	3,306	1,789	569
Evaporated (unsweetened)	do	142,143	70,086	60,811	55,761	39,305	32,365	13,687	7,075	5,612	4,609	2,526	1,940
Dried	do	5,450	4,314	6,223	12,790	3,558	2,450	862	1,114	1,455	1,538	692	571
Butter	do	7,680	4,080	2,954	1,984	1,605	1,191	3,149	1,877	1,233	637	391	280
Cheese	do	7,720	2,904	1,964	1,673	1,408	1,281	1,936	836	504	375	258	236
Infants' foods, malted milk, etc	do	[1] 2,258	2,389	2,471	1,698	1,450	1,452	742	677	705	490	383	397
E. Fish								17,961	19,941	17,174	11,380	7,657	7,376
Fresh—													
Salmon	1,000 lbs	[1] 4,319	3,305	3,350	3,989	5,299	5,754	466	523	553	534	484	546
Other	do	11,987	4,664	4,853	5,075	3,628	2,744	770	444	435	421	202	207
Shellfish, not canned	do	[1] 4,365	7,323	7,849	9,035	6,972	7,796	844	1,094	978	1,034	632	705
Fish, salted, smoked, or dry-cured—													
Salmon	do	[1] 1,326	2,866	1,696	3,636	1,470	779	[1] 275	656	402	375	157	108
Cod	do	[1] 5,587	3,181	2,029	1,021	890	647	[1] 613	357	258	109	94	58
Herring	do	3,955	2,010	1,299	1,252	665	----------	235	127	86	71	34	----------
Haddock, hake, and pollock	do	[1] 3,769	1,828	1,050	1,046	562	----------	[1] 279	138	81	62	33	----------
Other	do	5,631	1,737	1,521	788	638	990	492	167	146	73	36	47
Fish, pickled—													
Salmon	barrels of 200 lbs	22,791	10,014	4,442	4,718	9,666	9,709	1,124	517	243	198	281	268
Other	do	12,442	6,478	7,763	13,738	6,424	5,440	167	89	85	85	57	43
Fish, canned—													
Salmon	1,000 lbs	58,815	40,193	27,288	24,222	32,610	26,539	8,671	7,003	5,342	4,040	3,585	3,290
Sardines	do	[1] 41,924	91,625	103,226	53,247	26,645	25,641	[1] 3,570	7,205	7,139	3,446	1,542	1,387
Mackerel	do	----------	[2] 2,596	2,596	1,550	1,409	1,969	----------	[2] 191	191	111	79	93
Shellfish	do	[1] 4,588	4,135	3,781	3,126	2,234	3,482	659	857	749	565	321	513
Other canned fish	do	----------	4,834	1,404	783	469	320	596	534	213	119	67	47
Other fish products	do	----------	2,917	5,386	1,873	222	316	149	192	274	137	52	63
F. Other edible animal products								9,293	6,772	5,618	2,158	725	646
Eggs, in the shell	1,000 doz	30,337	21,237	18,579	7,684	2,319	1,866	8,661	6,139	5,061	1,742	504	384
Eggs and yolks, frozen, dried, canned	1,000 lbs	[1] 460	443	196	255	44	49	91	76	44	36	7	7
Meat extracts and bouillon cubes	do	[1] 298	177	147	106	56	81	[1] 438	370	319	240	113	142
Gelatin	do	[1] 351	273	263	227	182	193	[1] 238	187	194	140	101	113

[1] Average for years 1922–1925.

[2] 1930 only.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE												
Total							109,633	119,117	91,053	61,836	36,255	38,883
A. Hides and skins, raw, except furs—1,000 lbs	54,765	51,646	34,435	35,592	42,405	27,497	7,562	9,022	4,943	3,068	2,240	2,049
Cattle hides—do	38,604	31,028	19,069	22,426	26,608	17,209	4,587	4,695	2,165	1,685	1,229	1,028
Calfskins—do	7,481	10,319	7,232	4,694	6,656	5,075	1,680	2,361	1,400	611	491	506
Sheep and goat skins—do	[1] 1,982	1,925	2,171	1,969	2,345	1,703	[1] 521	561	503	235	157	192
Other hides and skins—do	7,094	8,374	5,963	6,503	6,796	3,510	878	1,406	875	537	363	323
B. Leather							44,288	47,481	35,468	25,612	13,150	13,779
Upper leather (except patent)—												
Cattle, side upper—												
Grain—1,000 sq. ft	15,258	12,692	8,514	6,857	4,972	6,073	3,638	3,476	2,099	1,293	761	1,012
Black—do		2,504	1,638	1,380	1,170	1,324		654	373	229	150	194
Other—do		10,188	6,874	5,477	3,802	4,749		2,821	1,726	1,064	611	819
Finished splits—do		3,912	1,795	2,355	2,200	1,340		623	233	234	160	105
Wax and rough splits—1,000 lbs	3,490	2,911	1,343	1,370	454	344	887	1,278	523	453	117	111
Calf and kip—1,000 sq. ft	21,140	25,593	14,700	9,399	6,235	6,827	7,150	8,794	4,740	2,409	1,107	1,293
Black grain—do		5,192	4,627	2,209	1,871	2,441		1,831	1,542	539	315	458
Other grain—do		20,400	10,073	6,703	3,989	4,387		6,962	3,198	1,738	710	835
Suède—do				487	375					132	82	
Sheep and lamb—do	[1] 7,074	7,769	5,761	8,494	4,107	3,997	[1] 857	1,005	698	682	252	225
Goat and kid upper leather (glazed kid)—1,000 sq. ft	39,319	46,934	43,455	35,068	22,466	20,467	10,968	13,787	12,834	8,733	4,362	4,341
Black—do		20,243	18,186	16,448	9,278	9,836		5,697	5,352	3,980	1,730	2,127
Other—do		26,741	25,269	18,620	13,188	10,631		8,090	7,482	4,753	2,632	2,214
Horse and colt—do	[1] 767	522	262	262	291	241	[1] 224	150	63	59	55	54
Other upper leather—do		2,171	1,437	1,349	1,164	763	1,330	627	408	314	212	156
Patent upper leather—												
Patent side upper leather—do	33,393	27,243	28,345	34,391	27,235	27,325	11,418	8,600	7,096	6,720	4,140	4,274
Goat and kid—do		2,468	1,995	1,249	222	406		1,118	854	456	72	127
Horse and colt—do		918	517	354	139	24		353	176	97	28	6
Other—do		1,007	1,100	373	315	111		321	268	70	55	18
Sole leather—1,000 lbs	17,839	10,276	7,970	8,723	2,139	1,598	4,704	3,041	1,787	1,536	341	310
Bends, backs, sides—do	[3] 7,551	3,687	1,719	2,087	542	404	[3] 2,595	1,550	657	607	141	116
Other (including offal)—do	[3] 11,136	5,722	5,381	5,809	1,439	929	[3] 1,916	1,178	819	668	149	100
Cut soles—do	1,052	868	870	827	158	284	[3] 394	314	311	261	51	93

Glove leather—												
Sheep and lamb ..... 1,000 sq. ft.	[1] 1,335	1,022	594	432	100	87	285	165	92	52	12	12
Other glove leather ..... do	[1] 4,932	5,090	4,127	2,654	1,843	1,802	[1] 723	936	928	645	507	527
Other leather—												
Harness, collar, and saddle ..... 1,000 lbs.	[1] 159	104	41	48	25	18	[1] 78	53	18	19	9	9
Upholstery and automobile ..... 1,000 sq. ft.	[1] 1,976	2,535	1,912	1,085	512	742	346	488	353	188	75	97
Fancy leather ..... do	[1] 874	695	577	478	206	232	[1] 179	182	148	126	35	65
Case, bag, and strap ..... do	[1] 537	488	500	341	211	151	[1] 158	147	147	80	45	35
Reptilian leather ..... 1,000 lbs.		[2] 201	201	208	144	167		[2] 1,005	1,005	748	426	624
Other leather and tanned skins ..... do		8,704	6,492	5,288	3,850	3,253	1,787	2,135	999	701	381	376
C. Leather manufactures							21,754	16,935	12,530	7,012	3,181	2,962
Leather footwear—												
Boots and shoes ..... 1,000 pairs	6,921	4,589	3,127	1,730	847	746	16,992	10,999	7,746	3,934	1,552	1,318
Men's and boys' ..... do	3,106	1,939	1,146	568	288	248	9,840	5,810	3,334	1,493	638	511
Women's ..... do	2,188	1,805	1,599	978	427	384	5,063	4,332	3,992	2,199	798	707
Children's ..... do	1,627	795	382	234	132	114	2,088	857	420	242	116	100
Slippers ..... do	153	375	528	501	231	71	185	387	439	354	130	48
Athletic shoes, sandals, overgaiters, leggings, puttees, and other footwear ..... 1,000 pairs	[1] 118	66	29	40	22	18	[1] 152	106	56	64	28	20
Leather gloves ..... doz. prs.	25,559	17,009	16,907	15,300	14,034	21	155	160	156	125	41	56
Harness and saddles							588	308	164	61	31	39
Traveling bags and suitcases ..... number	[1, 4] 98,886	53,294	16,222	8,577	6,183	6,357	[4] 329	185	89	52	25	30
Pocketbooks, handbags, cigarette, key, pass, and similar leather cases ..... 1,000 pieces	[1] 548	470	282	184	247	495	[1] 261	450	288	171	105	205
Leather belting, new ..... 1,000 lbs.	1,098	1,204	886	581	408	514	1,682	1,854	1,416	824	512	630
Other leather manufactures							1,492	2,487	2,126	1,427	757	617
D. Furs and manufactures							22,507	31,347	27,447	19,322	13,473	15,268
Undressed ..... 1,000 pieces	[1] 13,768	16,835	21,665	19,561	16,981	18,358	18,755	25,819	22,136	14,882	11,176	13,495
Fox ..... do	[1] 140	107	65	79	98	187	[1] 966	2,044	1,934	1,311	1,026	2,698
Muskrat ..... do	[1] 3,667	4,117	3,365	7,033	6,880	7,910	[1] 2,638	4,150	4,950	3,249	2,759	3,042
Raccoon ..... do	[1] 162	57	37	49	13	35	[1] 569	363	258	213	44	109
Skunk and civet cat ..... do	[1] 3,240	2,627	2,509	1,915	2,071	1,894	[1] 7,322	5,570	4,446	2,625	2,280	1,739
Opossum ..... do	[1] 2,946	5,194	5,962	5,033	5,254	5,581	[1] 2,832	6,038	4,709	3,108	2,986	2,936
Other undressed furs ..... do	[1] 3,612	4,733	4,727	5,452	2,665	2,751	[1] 5,884	7,654	5,839	4,376	2,081	2,972
Dressed on the skin—												
Fox ..... do	[1] 3,279	27	18	12	4	3	3,177	576	331	200	44	58
Muskrat ..... do		59	104	219	37	29		63	55	77	14	15
Skunk and civet cat ..... do		27	5	24				67	9	29	1	
Opossum ..... do		97	67	64	38	2		134	59	33	22	2
Other dressed furs ..... do		1,821	2,168	1,359	828	720		2,804	2,770	1,579	862	671
Fur wearing apparel (except fur felt hats) ..... number		5,302	8,686	5,335	1,857	1,531	[1] 182	194	223	133	35	34
Fur waste, pieces, and damaged skins ..... 1,000 lbs.	[3] 761	1,448	1,432	1,711			[3] 396	1,345	1,391	2,055	1,100	897
Other fur manufactures							[1] 240	344	472	329	222	97
E. Animal oils and greases, inedible ..... 1,000 lbs.	[1] 82,986	78,336	72,826	84,529	64,208	81,806	8,079	6,905	5,031	3,895	2,258	3,034
Neat's-foot oil ..... do	[1] 1,387	1,295	1,330	1,022	803	1,079	[1] 226	217	209	142	92	126
Other inedible animal oils ..... do	2,717	916	1,377	1,144	1,928	1,833	300	94	108	74	105	101

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1923–1925. [4] Trunks are included for 1921.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE—Continued												
E. Animal oils and greases, inedible—Continued.												
Fish oils—1,000 lbs.	864	1,049	1,400	1,792	1,722	5,849	140	134	157	149	125	163
Grease stearin—do		2,438	3,172	3,850	1,428	942		233	271	228	74	50
Oleic acid, or red oil—do	13,159	2,931	1,515	1,068	876	1,587	1,314	263	131	68	37	80
Stearic acid—do		1,491	471	367	511	462		176	58	35	42	38
Other animal greases, and fats—do	[1] 69,886	68,215	63,561	75,286	56,940	70,054	6,143	5,878	4,146	3,199	1,783	2,476
F. Other inedible animals and animal products							5,443	7,336	5,585	2,925	1,954	1,792
Animals							3,327	3,770	3,157	1,031	546	647
Horses—												
For breeding—number	13,105	569	154	117	107	141	1,358	248	141	113	44	65
Other—do		10,746	5,318	2,944	2,068	485		816	571	324	165	90
Mules, asses, burros—do	15,215	16,994	12,126	3,667	1,408	2,652	1,559	1,908	1,447	358	167	329
Fur animals—do		[2] 9,484	9,484	5,295	658	343		[2] 634	634	57	19	17
Other live animals							410	671	364	179	151	146
Bones, hoofs, and horns, unmanufactured—1,000 lbs.	[1] 5,131	1,989	1,567	1,439	1,515		210	76	55	38	22	
Feathers, crude, not dressed—do	[1] 4,300	7,353	8,580	7,642	6,067	6,176	355	698	701	472	306	221
Feathers, dressed, and manufactures of							[1] 248	177	147	121	54	56
Glue of animal origin—1,000 lbs.	2,390	2,449	1,995	1,233	940	760	384	421	409	248	151	136
Sponges—do	121	110	105	68	62	72	139	159	164	85	67	68
Wax manufactures—do	[1] 1,562	1,373	384	108	79		368	267	84	32	29	
Other animal products, inedible							463	1,767	868	898	779	664
GROUP 1.—VEGETABLE FOOD PRODUCTS AND BEVERAGES												
Total							676,399	520,437	354,376	257,004	172,063	127,585
A. Grains and preparations							474,262	318,570	191,343	106,045	66,917	31,540
Barley—												
Grain—1,000 bus. of 48 lbs.	21,274	28,527	9,874	7,851	7,043	7,142	18,598	24,383	7,122	5,390	2,869	3,379
Malt—1,000 bus. of 34 lbs.	5,072	2,982	2,085	692	239	230	5,773	3,074	1,940	653	213	212
Buckwheat—1,000 bus. of 48 lbs.	215	186	8	341	300	5	254	195	9	226	165	3
Corn—												
Grain—1,000 bus. of 56 lbs.	73,180	20,481	6,369	2,700	7,886	5,365	55,349	19,537	5,985	1,860	2,815	2,653
Meal and flour—1,000 bbls. of 196 lbs.	568	330	208	178	150	142	2,535	1,611	1,007	677	398	392
Hominy and corn grits—1,000 lbs.	[1] 87,440	17,078	6,181	9,422	11,895	10,650	[1] 1,570	353	144	156	141	138
Corn breakfast foods ready to eat—do	[1] 5,860	7,279	5,105	2,329	1,207	1,267	[1] 403	559	414	218	123	147
Oats—												
Grain—1,000 bus. of 32 lbs.	13,972	8,032	1,501	2,121	3,486	1,476	7,313	4,066	696	532	762	395
Oat meal, flaked and rolled oats—1,000 lbs.	121,738	82,298	38,710	44,688	24,165	18,957	4,630	4,277	2,846	2,308	1,284	1,267

Rice—												
Grain ... do	316,330	226,777	213,066	208,681	196,735	120,224	11,876	8,962	8,526	6,477	4,341	3,008
Flour, meal, and broken rice ... do		63,430	45,488	65,491	60,457	11,520		1,791	1,211	873	637	108
Rye—												
Grain ... 1,000 bus. of 56 lbs	34,453	13,216	266	121	1,096	40	38,938	14,637	235	59	549	24
Flour ... barrels of 196 lbs	112,447	21,760	8,261	12,054	2,909		536	130	44	42	11	
Wheat—												
Grain ... 1,000 bus. of 60 lbs	159,222	116,155	87,774	80,311	54,879	7,983	228,342	152,145	88,093	49,771	32,684	4,769
Flour ... 1,000 bbls. of 196 lbs	15,049	12,650	13,060	9,654	5,795	3,963	93,522	78,502	69,401	34,456	18,460	13,823
Bread, biscuits, cakes, and crackers ... 1,000 lbs	11,327	11,238	9,474	5,269	3,857	3,344	1,658	1,974	1,618	908	596	511
Plain, not sweetened or flavored ... do		7,063	6,925	4,020	3,118	2,610		1,063	995	616	420	357
Sweetened or flavored ... do		4,175	2,549	1,249	769	734		912	618	292	176	154
Macaroni, spaghetti, and noodles ... do	[1] 7,674	9,236	8,719	4,613	3,208	1,931	[1] 622	791	704	341	215	136
Wheat breakfast foods, ready to eat ... do	[1] 6,118	3,353	1,089	892	631	476	[1] 478	325	139	114	81	56
Wheat breakfast foods, to be cooked ... do			1,170	1,007	764	662			124	141	70	61
Cereal foods, n. e. s ... do	[1, 6] 9,577	3,024	2,508	3,596	3,316	1,209	[6] 1,530	355	289	28	207	144
Other grains and preparations							950	900	801	560	296	314
B. Fodders and feeds							26,736	27,368	11,623	14,278	11,512	9,843
Hay ... tons	36,576	11,625	5,216	5,319	2,499	1,645	747	256	118	95	53	33
Oil cake and oil-cake meal ... 1,000 lbs	1,165,577	1,199,315	511,391	916,902	640,889	760,478	24,695	24,392	9,706	11,181	6,715	8,646
Cottonseed cake ... do	403,867	393,002	66,147	282,363	224,874	163,925	8,387	7,513	1,141	2,777	1,914	1,417
Linseed cake ... do	553,808	568,669	360,593	444,058	251,615	439,311	12,149	12,465	7,046	6,390	3,283	5,879
Other oil cake ... do	22,370	31,479	21,419	93,742	50,680	62,875	347	515	285	946	451	466
Cottonseed meal ... do	156,065	183,310	37,186	66,191	90,227	63,596	3,196	3,410	700	729	759	545
Linseed meal ... do	20,607	17,809	21,676	18,238	16,847	15,651	451	385	445	285	256	209
Other oil-cake meal ... do	[1] 11,075	5,046	4,370	3,400	6,646	15,120	[1] 206	103	89	54	52	131
Fish meal for feed ... tons of 2,240 lbs				2,708	2,381	7,918				155	94	346
Kafir and milo ... 1,000 bus. of 56 lbs		[7] 1,365	33	1,738	7,529	10		[7] 1,187	30	863	3,252	5
Mixed dairy feeds ... tons of 2,240 lbs		[5] 1,920	1,770	1,827	1,318	1,616		[5] 79	77	74	38	51
Mixed poultry feeds ... do		[5] 5,200	5,564	5,555	2,329	2,063		[5] 265	275	212	79	80
Oyster shells ... do		[5] 46,151	49,553	53,189	50,428	57,000		[5] 470	496	511	379	385
Prepared and mixed feeds ... do	14,644	24,010	6,775	5,382	3,199	2,829	578	930	384	385	185	104
Other feeds, including screenings ... do	23,416	26,703	16,422	39,003	48,825	10,270	717	751	536	802	717	193
C. Vegetables and preparations							19,086	22,057	19,525	12,712	7,804	7,465
Beans, dried ... 1,000 bus. of 60 lbs	815	398	247	242	159	126	3,005	1,394	844	531	311	307
Peas, dried ... do	95	142	86	68	56	48	418	587	365	258	150	155
Vegetables, fresh—												
Potatoes, white ... do	3,056	2,349	1,899	1,060	912	719	3,823	2,956	2,212	901	557	659
Onions ... 1,000 bus. of 57 lbs	675	552	528	562	435	414	1,082	744	563	577	304	293
Other fresh vegetables ... 1,000 lbs	[1] 90,212	160,564	189,727				3,212	5,184	5,872	4,228	2,577	2,261
Vegetables, canned ... do	[1] 49,378	80,959	67,707	40,708	25,881	30,370	4,902	7,820	6,721	4,148	2,362	2,533
Asparagus ... do	[1] 8,923	16,639	14,977	13,372	10,880	15,725	[1] 1,582	2,533	2,285	1,934	1,352	1,590
Baked beans, and pork and beans ... do	[1] 7,172	12,436	9,696	7,209	3,426	4,020	[1] 616	979	549	417	167	174
Corn ... do	[1] 4,598	6,360	6,112	3,149	1,354	1,749	336	484	494	252	91	118
Peas ... do	[1] 4,120	6,444	6,891	4,541	2,090	2,520	[1] 386	566	603	401	166	193
Soups ... do	[1] 13,878	24,524	19,553	5,818	1,466	1,180	1,460	2,316	2,014	649	174	121
Tomatoes ... do	[1] 7,683	5,503	3,617	3,165	4,691	3,166	477	363	263	185	253	182
Other canned vegetables ... do	[1] 3,005	9,054	6,861	3,454	1,974	2,010	563	579	513	310	159	155

[1] Average for years 1922–1925.
[2] 1930 only.
[5] Average for years 1929 and 1930.
[6] "Cereal preparations other than oat meal and rolled oats" prior to 1922.
[7] Average for years 1928–1930.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
C. Vegetables and preparations—Continued.												
Pickles 1,000 lbs.	[1] 10,816	3,361	2,790	1,685	1,157	1,069	1,691	309	296	199	115	111
Ketchup and other tomato sauces do.		8,898	7,070	4,955	2,618	2,508		1,209	789	499	232	205
Other sauces and relishes do.		3,152	3,414	1,967	1,477	1,368		670	691	398	245	231
Vinegar 1,000 gals.	199	279	291	345	214	199	85	151	177	160	66	62
Yeast 1,000 lbs.	[2] 2,846	3,588	3,714	3,094	2,889	2,790	728	664	677	560	498	487
Other vegetable preparations							[1] 175	367	317	253	189	162
D. Fruits and nuts							82,868	122,234	110,916	109,329	77,320	69,657
Fruits and preparations							81,465	120,781	109,671	108,191	76,532	67,643
Subtropical fruits—												
Grapefruit 1,000 boxes	[1] 316	744	889	1,341	1,022	968	[1] 998	3,060	3,690	3,961	2,396	2,181
Lemons do.	210	265	206	258	218	168	997	1,342	1,098	1,107	819	628
Oranges do.	2,088	3,336	2,236	4,849	3,129	3,399	8,465	14,135	11,468	13,255	7,112	6,665
Pineapples boxes	[1] 36,564	50,862	29,691	53,043	28,125	15,230	[1] 145	162	96	155	61	38
Other fresh fruits—												
Apples in boxes 1,000 boxes	[1] 4,909	8,102	9,577	9,966	10,220	7,224	[1] 11,400	17,418	18,542	17,608	13,102	8,318
Apples in baskets 1,000 baskets					310	286					499	414
Apples in barrels 1,000 bbls.	1,493	2,502	2,091	2,606	2,130	1,173	7,988	12,408	10,123	11,552	8,816	4,365
Berries 1,000 lbs.	[1] 9,668	11,226	7,266	7,089	6,154	7,200	952	1,163	908	742	438	411
Grapes do.	[1] 19,630	55,082	48,999	28,876	28,837	27,226	[1] 1,242	2,121	2,122	1,461	1,060	979
Pears do.	[1] 49,627	77,493	121,211	103,416	112,607	105,210	2,421	4,515	6,170	4,510	3,994	3,696
Peaches do.	[1] 15,082	17,411	12,734	10,897	3,603	2,782	[1] 639	666	492	339	106	95
Other fresh fruits do.	[1] 35,253	52,900	59,430				1,913	1,909	1,899	1,559	701	622
Dried and evaporated fruits do.	[1] 287,970	459,929	437,267	502,942	420,340	396,790	25,571	33,279	28,035	28,934	19,502	21,762
Dried fruits for salads do.		[2] 10,044	10,044	16,729	14,521	12,873		[2] 722	722	995	677	725
Pears do.		[5] 5,594	6,613	7,444	5,870	6,960		[5] 586	600	575	382	477
Raisins do.	84,548	163,551	123,105	135,754	115,454	91,214	8,188	10,170	6,310	7,925	5,665	3,928
Apples do.	21,304	31,781	29,939	36,361	31,629	39,969	2,478	3,563	3,067	3,144	2,008	3,047
Apricots do.	20,444	20,860	22,322	36,547	33,138	35,836	3,245	3,345	2,820	3,840	2,449	3,381
Peaches do.	6,855	7,217	6,638	9,392	7,331	7,254	693	766	581	762	429	492
Prunes do.	127,730	217,528	235,037	257,800	210,204	193,089	9,637	13,575	13,566	11,521	7,783	9,352
Other do.	[1] 11,702	14,747	3,569	2,915	2,193	9,596	1,330	1,480	369	172	109	360
Canned fruits do.	[1] 210,101	267,510	252,794	282,219	264,268	266,251	20,253	25,554	24,330	22,423	17,525	17,132
Grapefruit do.				8,295	6,919	23,207				623	407	1,230
Berries do.		[3] 9,810	6,566	7,758	5,361	5,446		[3] 1,054	766	789	382	377
Apples and apple sauce do.	[9] 13,470	17,651	15,648	18,594	19,560	12,342	[9] 799	986	823	848	779	476
Apricots do.	[3] 32,126	28,086	23,142	22,636	24,315	22,948	[3] 2,776	2,682	2,077	1,711	1,518	1,387
Cherries do.	[1] 1,720	1,880	1,409	855	597	805	[1] 277	304	225	117	65	92
Prunes do.	[9] 2,684	2,644	1,842	1,219	1,057	828	[9] 306	277	196	105	85	73
Peaches do.	[1] 62,198	80,501	71,451	76,861	82,907	73,983	5,525	7,040	6,103	5,487	4,823	4,166
Pears do.	[1] 53,906	60,872	56,903	85,779	72,357	70,749	5,918	6,195	5,493	6,214	4,726	4,359

Pineapples	do	[1] 26,321	43,090	37,790	24,473	17,389	20,424	2,767	4,049	3,613	2,053	1,240	1,567
Fruits for salad	do		[5] 31,108	28,340	33,811	32,173	33,628		[5] 4,620	4,099	4,248	3,367	3,243
Other canned fruits	do	[1] 33,784	12,494	9,703	2,438	1,633	1,891	3,712	1,331	935	228	133	162
Preserved fruits, jellies, and jams	do	[1] 2,011	2,064	1,491	808	531	567	449	390	292	157	91	90
Other fruit preparations	do	8,258	23,061	5,085	5,760	4,135	500	917	2,659	407	428	310	247
Nuts	do	[1] 11,153	10,494	9,875	12,077	13,297	22,423	1,403	1,453	1,246	1,138	786	2,014
Peanuts	do	7,707	4,464	2,960	1,842	7,107	1,426	578	383	246	139	202	66
Other nuts	do	[1] 5,142	6,031	6,915	10,235	6,190	20,997	826	1,069	1,000	999	584	1,948
E. Vegetable oils and fats, edible	do	109,012	33,938	30,318	31,241	22,450	18,163	12,401	4,297	3,449	2,954	1,463	1,306
Coconut oil, refined	do				2,781	1,977	819				209	107	50
Cottonseed oil, refined	do	[10] 74,244	11,876	11,903	12,845	10,913	9,292	[10] 7,623	1,313	1,168	1,162	650	561
Soybean oil	do	1,708	5,416	4,962	4,551	2,647	1,569	164	562	488	410	123	97
Corn oil	do	4,404	580	613	776	960	1,026	548	81	87	102	63	66
Cocoa butter	do	1,619	846	361	457	855	2,120	447	265	83	80	101	243
Cooking fats, other than lard	do	28,745	12,349	8,790	5,994	3,498	2,602	3,618	1,643	1,136	704	301	226
Other edible vegetable oils and fats	do		[5] 3,588	3,689	3,837	1,600	736		[5] 542	487	287	118	64
F. Cocoa and coffee	do	[1] 35,232	19,091	12,956	11,061	7,766	10,031	7,294	5,527	3,328	2,655	1,704	1,947
Cocoa, powdered	do	[1] 7,719	2,623	2,257	2,130	1,616	1,520	767	365	343	270	192	186
Chocolate, including sweetened	do		936	752	705	478	526		214	163	128	76	74
Coffee, green	do	26,775	12,209	6,010	5,361	3,504	5,634	5,716	3,481	1,293	1,081	512	830
Coffee, roasted	do	1,551	2,164	2,717	1,850	1,293	1,479	447	758	779	504	335	334
Coffee extracts and substitutes	do	[1] 749	1,159	1,220	1,015	875	863	[1] 454	709	750	672	589	523
G. Spices and food flavors								827	724	648	396	273	269
Spices	1,000 lbs	[1] 1,542	1,850	3,068	1,203	883	858	204	261	292	152	114	121
Flavoring extracts [11]	1,000 gals				32	20	18	623	463	356	244	159	149
H. Sugar and related products								51,526	18,052	11,764	7,423	4,468	4,785
Sugar, refined	1,000 lbs	882,928	214,102	155,627	105,155	98,008	100,992	39,926	7,268	3,807	2,238	1,551	1,617
Molasses	1,000 gals	4,253	7,950	10,227	6,919	640	3,193	622	722	1,000	371	81	172
Confectionery—													
Chocolate	1,000 lbs	11,349	1,993	1,721	1,152	905	895	2,103	532	495	294	208	205
Other	do		11,390	8,869	6,579	3,949	4,494		1,939	1,405	916	514	566
Chewing gum	do	[1] 3,143	3,826	3,692	2,790	1,527	1,514	1,292	1,624	1,438	1,120	621	580
Honey	do	3,357	3,585	3,686	4,183	4,720	6,158	362	765	324	303	262	358
Glucose (corn sirup)	do	175,229	119,088	71,804	62,239	42,946	44,313	5,464	4,065	2,636	1,855	1,053	1,074
Grape sugar (corn sugar)	do	7,874	6,965	3,010	2,516	1,842	2,994	274	245	118	92	64	103
Sirup, including maple	1,000 gals	5,166	2,829	1,612	811	525	675	1,485	842	541	234	114	111
I. Beverages								1,399	1,610	1,779	1,213	801	773
Malt extract and sirup	1,000 lbs	1,800	3,488	3,323	2,220	968	813	166	390	369	259	111	64
Distilled liquors	1,000 pf. gals	238	191	27	31	14	8	641	87	13	16	7	3
Mineral waters, natural and artificial	1,000 gals	[1] 216	201	162	108	70	62	[1] 180	179	156	95	60	52
Fruit juices, sirups, and flavors for soda fountain	1,000 gals		[5] 362	400	336	400	616		[5] 620	633	505	540	547
Other beverages and fruit juices [11]	do	[1] 279	487	478	261	75	116	448	706	607	338	83	107

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for 1923–1925. [5] Average for years 1929 and 1930. [8] Average for years 1927–1930. [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" thereafter.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD												
Total							278,094	290,407	263,455	186,357	114,520	135,629
A. Rubber and manufactures												
Rubber, reclaimed—1,000 lbs.	4,747	20,507	21,210	15,626	7,921	8,022	39,003	67,366	58,906	36,711	16,364	17,820
Rubber, scrap and old—do.	16,486	43,150	52,898	53,258	49,112	48,900	486	1,598	1,234	724	312	305
Rubberized automobile cloth—1,000 sq. yds.		[5] 1,615	1,259	908	506	730	768	2,089	1,734	1,129	781	751
Other rubberized piece goods and hospital sheeting—1,000 sq. yds.		1,687	1,342	1,229	665	618		[5] 811	612	394	206	302
Rubber footwear—								795	592	480	215	221
Boots—1,000 pairs	437	1,126	968	720	112	72	1,166	2,495	2,063	1,547	228	137
Shoes—do.	1,481	2,283	2,097	875	216	160	1,369	2,418	2,433	717	139	75
Canvas shoes with rubber soles—do.	[1] 3,832	5,415	4,041	1,414	333	274	[1] 2,883	3,716	2,642	888	174	134
Rubber soles—1,000 doz. prs.		[7] 1,473	135	88	23	20	754	1,496	389	225	51	39
Rubber heels—do.			1,188	767	329	370			820	489	192	189
Rubber water bottles and fountain syringes—1,000 pieces		383	467	394	220	198		239	238	182	74	70
Rubber gloves—doz. pairs		96,610	120,668	90,278	55,191	66,178	978	277	307	221	118	131
Other druggists' rubber sundries								422	339	332	273	295
Rubber balloons—1,000 gross		[8] 688	751	657	294	249	[9] 1,135	943	768	594	245	213
Rubber toys and balls									137	109	43	44
Bathing caps—1,000 dozens	[9] 164	162	159	115	45	71	[9] 296	356	340	226	80	115
Rubber bands—1,000 lbs.		925	567	508	280	261		597	262	180	82	73
Rubber erasers—do.			507	401	262	337			308	239	152	184
Hard-rubber goods—												
Electrical hard-rubber goods—1,000 lbs.	[1] 752	1,388	1,251	1,325	1,024	1,025	[1] 256	271	172	145	102	100
Other hard-rubber goods							[1] 500	388	360	228	103	115
Tires—												
Casings, automobile—thousands	[1] 1,392	2,387	2,505	1,771	908	1,058	16,288	30,092	27,767	18,093	7,777	9,016
Truck and bus—do.		[5] 370	453	398	187	211		[5] 8,808	10,062	7,575	3,001	3,323
Other automobile—do.		[6] 2,280	2,052	1,373	721	847		[5] 21,815	17,705	10,518	4,776	5,693
Tubes, automobile—do.	[1] 1,133	1,581	1,590	1,151	574	664	1,949	3,232	2,694	1,541	601	692
Other casings and tubes—do.	[1] 104	99	101	89	32	26	292	272	249	205	73	58
Solid tires—												
For automobiles and motor trucks—number	[1] 91,972	64,148	24,601	11,898	7,820	6,839	2,213	2,049	796	375	194	183
Other—1,000 lbs.	[1] 1,148	1,664	1,513	1,701	1,317	1,113	[1] 290	378	256	223	163	122
Tire sundries and repair materials							[1] 574	1,609	1,280	815	492	369
Rubber and friction tape—1,000 lbs.		1,492	1,500	1,122	636	599		438	415	296	147	132

Rubber belting	do	[1] 3,447	4,808	4,298	3,191	1,486	1,793	1,852	2,675	2,195	1,382	623	783
Rubber hose	do	[1] 4,402	7,438	7,292	4,763	2,591	3,064	1,769	2,678	2,448	1,388	677	826
Rubber packing	do	[1] 1,628	2,351	1,971	1,275	956	1,018	742	1,096	877	525	351	396
Rubber thread	do	[1] 1,179	1,583	1,627	1,586	1,249	1,448	[1] 1,326	1,792	1,613	1,206	733	762
Other rubber manufactures								3,141	2,631	2,566	1,612	961	988
B. Naval stores, gums, and resins								22,379	30,286	22,698	14,304	11,587	14,714
Naval stores—													
Rosin	1,000 bbls.[12]	1,038	1,270	1,264	1,061	1,098	1,213	11,278	20,008	14,266	8,059	6,255	7,864
Gum rosin	do		1,105	1,070	907	938	994		17,596	11,880	6,923	5,345	6,540
Wood rosin	do		165	194	154	160	219		2,412	2,386	1,136	910	1,324
Gum spirits of turpentine	1,000 gals	10,636	14,271	15,142	12,214	10,940	13,388	9,988	8,392	6,612	4,813	4,410	5,781
Wood turpentine	do	[1] 508	824	832	692	529	851	[1] 408	459	410	298	229	343
Tar and pitch of wood	barrels [13]	[13] 23,518	19,964	11,895	9,564	5,855	6,913	[13] 244	218	127	92	56	65
Other gums and resins	1,000 lbs	[1] 2,171	4,253	4,905	4,440	3,682	4,248	[1] 679	1,188	1,282	1,043	636	662
C. Drugs, herbs, leaves, and roots, crude								3,174	3,341	2,576	2,413	1,193	1,267
Ginseng	1,000 lbs	168	194	203	265	171	233	2,031	2,421	1,877	1,922	853	844
Other crude vegetable drugs	do	[1] 5,837	4,880	4,704	3,837	3,681	4,366	1,143	919	699	491	340	423
D. Oilseeds	do	3,244	2,875	2,075	13,936	250,295	23,792	178	140	91	232	2,398	246
E. Vegetable oils								5,999	8,208	6,518	4,323	4,241	3,946
Expressed oil and fats, inedible—													
Coconut oil	1,000 lbs	14,579	23,132	25,107	15,307	21,581	25,350	1,316	1,907	1,791	761	780	795
Cotton seed oil, crude	do	[1] 27,999	31,115	16,394	9,733	44,855	26,143	[1] 2,474	2,581	1,228	582	1,445	778
Linseed oil	do	2,820	2,171	1,592	1,094	842	828	364	257	214	111	60	76
Vegetable soap stock	do	[1] 6,307	10,955	16,952	24,894	18,303	18,609	[1] 374	647	971	1,052	563	496
Other expressed oils and fats	do		7,495	3,861	4,534	1,808	1,330	832	788	321	346	82	72
Essential or distilled oils—													
Peppermint	do	120	183	233	230	262	235	511	701	700	438	455	567
Orange	do		[5] 36	28	12	22			[5] 110	59	28	30	
Pine	1,000 gals		[5] 413	346	391	435	841		[5] 215	195	224	246	471
Other	1,000 lbs	[1] 1,028	2,786	996	1,363	1,175	1,229	698	1,197	1,039	782	580	690
F. Dyeing and tanning materials								2,176	2,135	1,859	1,553	1,441	1,630
Dye extracts—													
Logwood extracts (include hematine crystals)	1,000 lbs	[1] 2,072	2,111	1,846	1,602	960	932	349	213	193	165	103	105
Other dye extracts	do	[1] 2,000	695	289	551	587	599	472	87	36	44	44	58
Tanning extracts—													
Chestnut	1,000 lbs	[1] 8,297	5,949	1,975	1,634	4,026	4,385	[1] 268	183	77	59	92	132
Other (vegetable and chemical)	do	[1] 22,535	31,598	28,919	28,089	33,299	34,466	1,141	1,651	1,553	1,285	1,203	1,334

[1] Average for years 1922–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[8] Average for years 1927–1930.
[9] Average for years 1924 and 1925.
[12] Of 500 pounds.
[13] Tar, turpentine, and pitch prior to 1922.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 2. Vegetable products, inedible—Contd.												
G. Seeds, except oilseeds—1,000 lbs	[1] 33,008	28,743	29,868	20,468	18,885	15,382	3,822	3,488	3,804	2,307	1,488	1,692
Field and garden seeds—												
Alfalfa—do	[1] 780	915	833	218	1,565	1,199	[1] 138	189	193	43	159	123
Red clover—do	2,935	676	535	670	298	3,025	611	144	96	99	22	399
Other clover—do		698	709	257	319	134		133	79	52	32	13
Timothy—do	17,183	13,520	15,829	10,476	10,891	5,009	1,262	880	1,244	736	432	231
Other grass seeds—do	4,610	6,284	6,419	5,190	3,509	3,957	747	974	1,128	643	266	351
Other field seeds—do		2,931	2,269	1,297	964	473	1,092	254	140	56	43	12
Vegetable and flower seeds—do		3,719	3,274	2,360	1,340	1,584		914	924	680	534	564
H. Nursery and greenhouse stock							439	676	726	392	223	156
Flowers, cut							110	171	153	105	66	38
Fruit stock, cuttings, or seedlings—thousands		2,713	2,872	1,055	457	425	329	165	155	87	53	42
All other nursery or greenhouse stock, plants, and bulbs								340	419	200	104	77
I. Tobacco and manufactures							187,219	163,311	158,206	119,488	72,810	89,595
Tobacco, unmanufactured—1,000 lbs	502,969	545,676	579,704	524,470	411,159	438,936	164,595	144,549	145,609	110,780	65,901	82,924
Leaf tobacco—do	487,157	535,348	560,958	503,545	387,766	420,418	163,883	144,115	144,593	109,628	64,982	82,094
Bright flue-cured—do	[2] 241,259	366,638	397,695	388,252	255,311	297,941	[2] 98,352	114,217	113,386	88,993	49,161	67,656
Burley—do	[3] 6,472	9,215	9,624	8,919	12,342	10,611	[3] 1,747	1,650	2,073	1,588	1,386	1,339
Dark-fired Kentucky and Tenn—do	[3] 146,027	100,217	105,440	67,971	79,393	76,574	[3] 25,908	16,004	17,931	10,081	6,848	6,964
Dark Virginia—do	[3] 33,258	20,173	15,379	11,430	14,370	11,936	[3] 13,831	4,735	4,067	2,564	2,505	1,873
Maryland and Ohio export—do	[3] 14,935	13,175	9,721	7,549	10,169	9,186	[3] 2,839	2,358	2,227	2,323	2,343	2,084
Green River—do	[3] 16,038	13,831	7,919	5,347	4,389	2,542	[3] 3,550	2,515	1,911	1,459	709	305
One-sucker leaf—do			2,789	1,477	997	1,116			491	162	118	98
Black fat, water baler, dark African—do		[3] 3,962	8,074	8,673	9,977	8,578		[3] 836	1,709	1,673	1,587	1,225
Cigar leaf—do	[3] 912	2,075	4,153	3,794	696	1,894	[3] 470	640	724	725	273	535
Other leaf tobacco—do	[3] 37,608	6,856	164	133	122	40	[3] 9,532	1,328	74	60	52	15
Stems, trimmings, and scrap tobacco—do	15,811	10,327	18,746	20,925	23,393	18,518	712	433	1,016	1,152	919	830
Tobacco manufactures							22,624	18,762	12,597	8,709	6,908	6,671
Cigarettes—millions	10,182	8,344	4,927	2,968	2,417	2,495	19,631	16,137	10,187	6,751	5,329	4,895
Chewing tobacco, plug and other—1,000 lbs	3,538	3,624	3,024	2,604	2,000	1,645	1,775	1,774	1,426	1,114	843	676
Smoking tobacco (including cigar cuttings)—1,000 lbs	2,386	1,128	1,335	1,046	854	875	931	727	893	775	605	558
Other tobacco manufactures—do		264	139	80	62	130	288	124	91	69	131	541

J. Miscellaneous vegetable products								13,689	11,476	8,069	4,633	2,776	4,562
Starch—													
Cornstarch and corn flour	1,000 lbs.	250,075	214,430	153,702	87,719	52,052	58,834	7,069	7,165	5,361	2,787	1,400	1,558
Other starch	do.	15,592	8,232	1,844	1,607	794	616	460	289	110	85	44	34
Broom corn	tons	4,122	4,283	4,403	4,033	3,355	3,385	668	556	531	310	199	304
Brooms	dozens	[1] 19,367	17,718	17,167	14,697	8,208	7,490	112	91	81	57	30	28
Dyeing and tanning materials, crude	tons	2,692	1,595	724	1,717	4,135		96	70	39	36	42	
Hops	1,000 lbs.	18,286	10,051	7,640	3,797	3,007	6,727	4,830	2,242	1,144	591	598	2,288
Other inedible vegetable products								454	1,063	803	767	463	350
GROUP 3.—TEXTILES													
Total								997,187	954,913	639,907	423,757	408,804	455,771
A. Cotton, unmanufactured	1,000 bales	6,639	8,287	6,597	6,956	9,059	8,532	804,985	765,674	496,798	325,667	345,164	398,212
	1,000 lbs.	3,420,430	4,328,362	3,492,234	3,666,956	4,803,148	4,523,430						
Raw cotton, except linters	1,000 bales	6,528	8,112	6,480	6,851	8,916	8,353	801,370	759,935	493,632	323,795	343,182	395,168
	1,000 lbs.	3,363,726	4,227,832	3,421,987	3,602,989	4,714,631	4,411,597						
Long staple (1 1/8 inches or over)—													
Sea-island American-Egyptian (Pima)	1,000 bales		[5] 4	3	1	1	(13a)		[5] 671	493	67	37	41
	1,000 lbs.		2,088	1,682	336	240	228						
Other	1,000 bales		878	229	161	221	195	235,711	89,318	20,555	8,963	8,793	9,576
	1,000 lbs.	1,150,593	458,897	115,911	83,225	115,945	102,080						
Upland, (under 1 1/8 inches)	1,000 bales	[1] 5,382	7,232	6,248	6,689	8,695	8,158	[1]707,074	670,399	472,584	314,765	334,352	385,551
	1,000 lbs.	[2]2,766,410	3,768,101	3,304,394	3,519,428	4,598,445	4,309,289						
Linters	1,000 bales	111	175	117	105	143	179	3,615	5,690	3,166	1,873	1,982	3,044
	1,000 lbs.	56,704	100,530	70,247	63,967	88,517	111,833						
B. Cotton semimanufactures	do.	88,293	107,562	76,093	67,991	106,354	93,479	15,395	21,237	15,007	9,315	9,276	7,506
Cotton pulp	do.					36,821	25,513					2,101	1,407
Cotton-mill waste	do.	59,245	66,157	44,914	44,296	45,113	42,923	6,739	6,561	4,211	2,897	2,167	2,232
Cotton rags, except paper stock	do.	13,559	16,207	12,741	8,995	8,754	12,598	967	1,145	885	638	430	511
Cotton batting, carded cotton, and roving	1,000 lbs.		[7] 389	306	427	154	464		[7] 71	51	62	22	57
Cotton yarn—													
Carded yarn, not combed	do.	15,489	13,507	8,164	6,773	9,743	8,402	7,690	4,585	2,407	1,492	1,648	1,571
Combed yarn	do.		11,458	9,967	7,499	5,770	3,579		8,903	7,452	4,725	2,908	1,729
Mercerized	do.		[8] 10,102	8,690	6,477	5,135	2,095		[8] 8,445	6,840	4,353	2,693	1,133
Not mercerized	do.		[8] 1,911	1,277	1,022	635	1,484		[8] 961	612	372	215	596
C. Cotton manufactures								117,657	102,842	73,677	50,255	36,248	31,845
Cotton thread and cordage—													
Sewing thread	1,000 lbs.	[1] 1,400	1,113	939	868	840	857	1,660	1,136	1,099	836	694	670
Crochet, darning, and embroidery cotton	1,000 lbs.	[1] 186	104	45	22	9	17	[1] 202	125	52	32	13	17
Twine and cordage	do.	[1] 3,558	4,266	3,445	2,612	2,318	2,474	[1] 1,569	1,629	1,286	758	537	619
Cotton cloth, duck, and tire fabric	1,000 sq. yds.[14]	524,932	521,180	416,285	366,959	375,447	302,042	79,875	72,288	51,385	35,783	27,357	23,511
Tire fabric—													
Cord	do.		2,980	946	685	889	423		1,296	356	222	229	151
Other	do.		1,265	559	594	557	479		413	212	151	63	120

[1] Average for years 1922–1925.
[2] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[8] Average for years 1927–1930.
[13a] Less than 500.
[14] Stated in thousands of linear yards prior to Jan. 1, 1922.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
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	9,808	8,149	6,196	5,360	4,229	4,391	3,023	1,838	995	1,000
Heavy filter, paper dryer, hose, and belting duck.....1,000 sq. yds.		[7] 586	429	452	382	455		[7] 372	242	257	112	150
Unbleached (gray).....do	7,451	9,679	7,101	6,025	4,902	4,258	3,410	3,201	2,084	1,199	710	701
Ounce.....do		[8] 5,290	3,953	3,294	3,635	3,116		[8] 1,449	959	545	446	396
Numbered.....do		[8] 4,518	3,143	2,731	1,267	1,142		[8] 1,699	1,125	654	264	304
Bleached.....do	1,330	1,724	1,211	1,138	559	377	520	540	336	231	93	80
Colored.....do	817	1,293	1,067	534	353	269	300	427	361	151	80	69
Cotton cloth.....do	515,335	503,888	404,970	357,529	367,806	295,780	75,648	66,188	47,794	33,573	26,072	22,240
Unbleached (gray).....do	147,866	122,034	102,692	97,721	101,263	85,428	16,347	11,178	7,924	5,886	4,556	4,265
Drills and twills.....do		[7] 11,649	9,160	7,803	7,156	5,829		[7] 1,405	977	631	453	403
Sheetings, 40 inches and under.....do		[7] 71,526	58,808	62,799	70,757	60,363		[7] 6,030	4,330	3,467	2,968	2,707
Sheetings over 40 inches.....do		[7] 1,476	1,239	566	594	717		[7] 163	127	47	41	39
Osnaburgs.....do		[7] 19,970	17,053	16,772	14,937	14,978		[7] 1,976	1,553	1,133	829	952
All other.....do		[7] 16,993	16,432	9,781	7,819	3,541		[7] 1,121	937	608	265	165
Bleached.....do	87,278	87,023	63,906	54,434	51,419	40,336	12,658	10,199	6,951	4,921	3,592	3,139
Drills and twills.....do		[5] 4,085	3,685	2,441	2,387	2,714		[5] 618	557	336	236	313
Pajama checks.....do		[5] 8,333	7,244	4,059	4,490	2,789		[5] 879	681	303	273	162
Sheetings—												
40 inches wide and under.....do		[5] 25,104	16,632	13,551	20,003	15,110		[5] 2,784	1,719	1,087	1,215	1,039
Over 40 inches wide.....do		[5] 8,654	4,346	3,021	2,191	3,103		[5] 1,141	569	332	195	274
All other bleached.....do		[5] 29,919	31,999	31,362	22,348	16,619		[5] 3,350	3,425	2,863	1,673	1,352
Colored.....do	280,191	294,831	238,372	205,374	215,124	170,017	46,641	44,811	32,919	22,766	17,924	14,835
Voiles.....do		[7] 50,645	49,535	41,157	37,227	29,326		[7] 7,139	6,042	4,390	3,054	2,566
Percales and prints—												
32 inches and narrower.....do		[7] 27,291	18,361	13,775	13,845	5,847		[7] 2,795	1,723	1,076	967	399
Over 32 inches wide.....do		[7] 11,770	11,852	11,756	15,799	14,264		[7] 1,549	1,459	1,230	1,300	1,199
Flannels and flannelettes.....do		[7] 3,887	2,310	1,785	2,411	1,333		[7] 576	315	214	177	111
Khaki and fustians.....do		[7] 4,190	3,702	3,304	4,020	2,959		[7] 828	704	532	546	423
Denims.....do		[7] 16,238	16,966	17,577	17,339	11,808		[7] 2,845	2,526	2,050	1,561	1,217
Suitings (drills, etc.).....do		[7] 26,049	20,581	17,766	13,965	13,180		[7] 4,241	3,177	2,314	1,413	1,344
Ginghams.....do		[7] 11,169	6,180	4,228	3,833	1,459		[7] 1,196	610	347	235	99
Chambrays.....do		[7] 15,345	17,247	15,485	16,167	13,048		[7] 1,608	1,702	1,217	1,015	819
All other printed fabrics—												
7½ and more yds. per lb.....do	41,327		15,423	19,271	28,085	16,766	6,899		2,504	2,364	2,420	1,572
Less than 7½ yds. per lb.....do			19,239	17,777	16,970	18,058			2,734	1,974	1,447	1,553

All other piece-dyed fabrics—												
5 and more yds. per lb.—do		[7] 45,227	17,471	18,632	24,436	26,530		[7] 9,247	2,347	1,883	1,719	1,950
Less than 5 yds. per lb.—do			15,610	8,790	10,157	8,286			2,027	978	930	803
All other yarn-dyed fabrics—do		[7] 18,558	12,557	8,977	8,071	5,582		[7] 2,811	1,754	989	695	511
Cotton and rayon mixtures (cotton chief value)—1,000 sq. yds		[7] 15,060	11,338	5,094	2,799	1,513		[7] 4,209	3,295	1,208	445	264
Cotton and silk mixtures (cotton chief value)—1,000 sq. yds						57						7
Other cotton fabrics—												
Blankets—1,000 lbs	[1] 1,421	1,453	1,267	652	765	606	894	834	682	288	260	218
Damasks—1,000 sq. yds	[1] 518	549	506	307	310	369	[1] 178	161	141	64	51	58
Pile fabrics, plushes, velveteens, and corduroys—1,000 sq. yds	[1] 421	507	398	448	326	194	[1] 399	441	305	234	144	111
Tapestries and other upholstery—do	[1] 96	214	202	55	41	41	[1] 126	196	217	57	25	26
Cotton fabrics sold by the pound—1,000 lbs	3,902	6,303	6,027	8,243	8,604	7,687	[1] 1,915	2,367	2,015	2,081	1,716	1,309
Cotton wearing apparel							21,284	14,722	10,227	6,174	3,087	2,634
Knit goods—												
Gloves—doz. prs	[1] 72,034	119,845	104,836	79,961	37,810	40,897	[1] 130	209	186	112	48	46
Hosiery—1,000 doz. prs	4,564	3,798	2,253	1,122	709	413	9,114	6,518	3,684	1,687	878	511
Women's—do		[7] 1,676	1,054	593	338	188		[7] 2,980	1,796	908	427	242
Children's—do		[7] 673	552	260	193	110		[7] 1,035	837	358	217	116
Men's socks—do		[7] 954	647	269	178	116		[7] 1,603	1,051	421	234	153
Underwear—1,000 doz	[1] 1,234	625	471	301	164	155	4,476	2,353	1,710	881	329	333
Sweaters, shawls, and other knit outerwear—1,000 pcs		484	268	178	102	93	455	398	203	102	52	47
Other wearing apparel—												
Collars and cuffs—1,000 doz	[1] 343	273	129	55	35	30	522	402	180	76	35	21
Overalls, breeches, pants—doz	[1] 15,040	31,670	46,426	39,020	25,118	23,735	[1] 247	389	525	370	183	185
Underwear, not knit—1,000 doz	[1] 190	139	96	66	37	41	1,021	646	437	276	130	111
Shirts—do	[1] 216	204	189	180	142	127	2,918	1,978	1,722	1,455	858	736
Dresses, skirts, and waists—1,000 pcs	[1] 303	430	640	848	419	562	[1] 425	426	572	657	277	327
Other cotton clothing							[1] 2,299	1,402	1,008	558	297	318
Other cotton manufactures—												
Handkerchiefs—1,000 doz	[1] 344	212	123	83	87	69	[1] 242	141	81	56	50	47
Laces, embroideries, and lace window curtains—1,000 yds	7,005	5,553	2,693	1,574	1,183	1,528	420	206	127	86	48	61
Woven belting for machinery—1,000 lbs	[3] 407	450	276	179	134	146	[3] 197	263	173	97	60	68
Cotton bags—do	[1] 3,874	6,728	5,195	4,232	4,422	5,454	[1] 1,192	1,495	1,101	961	799	1,134
Quilts, comforts, counterpanes, etc.—number	[1] 82,121	141,982	154,180	93,571	70,618	64,350	[1] 154	210	212	115	56	61
Bed sheets, pillow, bolster, and mattress cases—doz	[1] 18,493	27,803	30,228	16,972	13,615	14,065	[1] 176	209	206	84	61	67
Towels, bath mats, wash cloths—1,000 doz	[1] 389	633	539	389	158	107	[1] 890	1,009	796	500	189	136
Other cotton manufactures							7,771	5,410	3,573	2,050	1,101	1,097
D. Jute manufactures							2,769	3,984	4,034	3,194	1,389	1,101
Jute yarn, cordage, and twine—1,000 lbs	[1] 1,028	998	935	535	193	157	[15] 196	171	139	67	25	20
Bags of jute—do	[1] 31,062	33,378	39,755	36,821	17,223	12,585	2,142	3,428	3,628	3,036	1,290	1,030
Other jute manufactures—do		[5] 3,692	3,300	1,183	1,064	480	[1] 539	385	267	91	74	50

[1] Average for years 1922–1925.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[8] Average for years 1927–1930.
[14] Stated in thousands of linear yards prior to Jan. 1, 1922.
[15] Data prior to 1922 are all twine of vegetable fibers other than binder twine.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 3.—Textiles—Continued												
E. Flax, hemp, and ramie manufactures							[1] 378	523	526	262	102	105
F. Other vegetable fiber manufactures							9,480	5,900	4,600	4,385	1,014	650
Cordage, except of cotton or jute—												
Binder twine, 1,000 lbs.	61,289	22,817	10,996	10,026	11,906	6,016	7,140	2,652	1,201	707	686	307
Manila cordage, do.	[16] 6,899	4,465	3,936	2,026	1,151	1,372	[16] 1,206	858	684	314	147	172
Sisal or henequen cordage, do.		1,895	744	136	73	57		202	87	16	7	6
Other cordage, do.		492	339	190	108	156		91	65	26	15	29
Oakum, do.	1,761	2,012	1,602	1,069	565	832	144	171	136	82	48	63
Other vegetable fiber, straw, or grass manufactures							990	1,925	2,427	3,240	111	74
I. Wool and mohair, unmanufactured, 1,000 lbs.	699	300	162	274	179	19	204	121	75	70	32	13
J. Wool semimanufactures, do.	9,293	13,309	11,274	8,068	9,173	6,770	934	1,139	926	513	393	315
Wool rags, do.	8,580	12,544	10,526	7,595	8,781	6,306	641	906	615	382	308	261
Wool noils and waste, do.	[1] 774	706	599	401	324	453	[1] 138	144	142	48	31	42
Wool yarns, do.	[1] 118	59	149	72	68	11	[1] 229	89	169	83	54	13
K. Wool manufactures							6,708	4,437	4,023	2,484	833	1,081
Fabrics wholly or chiefly of wool—												
Wool cloth and dress goods, 1,000 lbs.	938	328	278	158	56	47	1,869	621	507	300	77	74
Wool cloth and dress goods, 1,000 yds.	1,401	471	356	194	69	68						
Mohair cloth, 1,000 lbs.	[1] 97	60	41	25	17	30	[1] 216	173	145	106	30	35
Mohair cloth, 1,000 yds.	[1] 184	107	70	41	26	30						
Other wool fabrics, 1,000 lbs.	[1] 112	49	42	18	9	15	[1] 156	76	61	26	9	20
Carpets and rugs of wool, sq. yds.	[1] 79,338	115,071	90,106	36,545	18,021	32,741	[1] 234	439	292	154	51	83
Wool felts, 1,000 lbs.	[1] 408	271	186	73	30	32	[1] 519	348	217	109	47	45
Wool wearing apparel—												
Knitted bathing suits, dozen		[8] 26,993	37,407	25,808	4,136	2,753	[1] 440	828	1,253	780	97	59
Other knit goods								[8] 366	202	139	86	114
Men's and boys' overcoats, suits, pants, 1,000 pieces		148	88	54	20	47	1,412	601	440	282	94	141
Women's and children's wool clothing, 1,000 pieces		50	47	43	40	49	1,012	414	393	285	167	213
Other wool or mohair manufactures							1,163	645	513	303	175	298
L. Hair and manufactures, 1,000 lbs.	[1] 16,249	20,171	18,362	15,373	12,722	23,840	1,693	2,468	1,929	1,252	903	1,476
Hair, unmanufactured—												
Cattle, do.	[1] 15,821	8,109	6,222	2,859	3,557	9,636	1,414	810	669	210	158	418
Other, do.		11,013	11,746	12,216	8,928	13,514		1,355	1,076	915	648	936
Hair manufactures, do.	[1] 428	1,049	394	298	237	691	279	302	184	127	97	122

N. Silk manufactures							12,992	17,293	14,341	9,562	4,547	4,878
Tram, organzine, hard twists, and spun silk—pounds	[1] 86,840	151,454	178,845	196,994	219,090	326,914	[1] 392	813	827	738	680	878
Sewing, embroidery, and crochet silk—do	[1] 81,288	76,540	63,166	53,471	18,429	7,088	[1] 623	567	387	261	89	38
Fabrics wholly or chiefly of silk—												
Satins and other for shoes—1,000 yds	2,568	3,498	223	132	65	44	3,146	3,529	488	257	114	76
Other broad silks—do			2,664	2,462	1,609	1,473			2,935	2,108	903	734
Velvets, plushes, and chenilles, including ribbon—pounds	[1] 68,962	29,892	32,063				[1] 223	101	130	171	23	39
Silk ribbons, except velvet and plush—1,000 yds	[3] 7,094	3,087	2,292	1,519	1,669	1,507	[1] 489	172	129	69	41	47
Silk wearing apparel—												
Underwear—number	[1] 70,323	68,167	56,263	44,645	31,145	45,913	[1] 155	134	101	68	41	48
Dresses, skirts, waists, and blouses—do	[1] 79,484	186,775	234,312	198,097	115,044	179,138	[1] 893	1,627	1,840	1,304	544	729
Hosiery—1,000 doz. pairs	[1] 685	835	613	416	250	245	[1] 6,271	8,531	6,170	3,449	1,530	1,346
Women's seamless—do		[7] 65	32	30	15	13		[7] 520	243	171	67	51
Women's full fashioned—do		[7] 616	492	342	210	208		[7] 7,328	5,465	3,080	1,374	1,221
Children's—do		[7] 11	6	3	4	2		[7] 41	21	12	6	3
Men's socks—do		[7] 119	83	41	21	23		[7] 657	441	186	83	71
Other silk wearing apparel							[1] 658	538	455	233	86	79
Other silk manufactures							1,361	1,281	879	904	496	864
O. Rayon manufactures							6,951	6,908	5,907	3,849	2,493	2,486
Yarn—1,000 lbs	[17] 148	313	345	314	653	1,110	[17] 290	442	356	251	429	566
Embroidery, crochet, and knitting thread—1,000 lbs		[7] 15	8	7	4	2		[7] 43	25	14	7	3
Tapestry and drapery fabrics—1,000 sq. yds		[7] 73	52	34	17	16		[7] 66	50	26	10	18
Woven and knit dress and piece goods—1,000 sq. yds		[7] 4,626	6,400	5,763				[7] 2,152	2,872	2,065	1,003	816
Hosiery—1,000 doz. pairs	1,126	1,035	583	311	200	140	4,794	3,418	1,617	749	382	252
Women's—do		[7] 459	241	154	101	71		[7] 1,577	771	399	220	137
Children's—do		[7] 100	78	27	20	10		[7] 225	160	52	30	12
Men's socks—do		[7] 359	264	130	79	59		[7] 1,008	686	298	132	103
Knit underwear—dozens		32,241	49,763	56,580	41,566	44,977		248	319	268	166	153
Ribbons, braids, fringes, and narrow trimmings—1,000 yds		3,528	3,719	2,832	1,996	2,755		[7] 111	112	78	52	66
Other rayon manufactures							2,099	1,377	556	398	444	612
P. Miscellaneous textile products							17,117	22,386	18,066	12,449	6,410	6,101
Linoleum—1,000 sq. yds	3,715	1,192	788	386	68	78	1,578	809	551	241	52	55
Felt base floor coverings—do		4,225	4,355	2,671	813	926		1,542	1,534	787	191	219
Oilcloth—do	[1] 9,002	10,085	9,215	8,058	5,278	4,835	2,085	2,214	1,830	1,295	684	623
Window-shade and book cloth—do	[3] 1,921	3,042	3,241	2,198	1,484	1,845	[1] 415	561	529	333	185	235
Waterproofed auto cloth [18]—do	[8] 2,285	1,637	494	241	112		[1] 1,190	887	266	130	53	
Pyroxylin leather cloth—1,000 sq. yds	[3] 4,455	5,162	2,420	1,281	674	897	2,420	2,904	1,319	644	251	329
Other leather cloth—do			1,532	1,268	772	1,114			824	613	282	382
Waterproofed outer garments—thousands		371	377	320	65	49	[1] 605	768	759	594	123	94

[1] Average for years 1922–1925. [3] Average for years 1923–1925. [7] Average for years 1928–1930. [8] Average for years 1927–1930.
[16] Data prior to 1922 are "cordage of all vegetable fibers." [17] 1925 only. [18] "Waterproofed auto cloth and rubberized fabrics" prior to 1926.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 3.—TEXTILES—Continued												
P. Miscellaneous textile products—Continued.												
Corsets, brassières, and girdles...1,000 pieces	[1] 691	1,361	1,191	1,074	557	558	1,847	1,845	1,475	1,291	665	566
Pajamas, nightshirts, and gowns.....dozens		[7] 15,178	15,085	18,500	10,385	8,899		[7] 167	156	158	73	68
Hats of straw or fiber and materials							983	516	590	498	204	650
Hat braid of straw or other fiber...1,000 yds	[1] 15,855	8,194	7,999	4,757	8,107	1,987	[1] 150	95	146	107	53	22
Hats of straw, palm leaf, etc.....1,000 hats	[1] 528	599	668	521	253	288	863	419	444	391	151	116
Hats and caps, except straw or other fiber—												
Men's and boys' fur-felt hats.....thousands	[1] 327	381	288	166	97	67	1,042	1,744	1,325	659	324	186
Women's and children's fur-felt hats...do		64	61	62	22	31		189	155	130	45	34
Wool-felt hats.....do	[1] 205	271	186	145	68	89	[1] 374	289	244	146	52	56
Other hats and caps.....do	[1] 1,328	1,039	845	747	479	644	[1] 1,135	776	513	358	194	236
Hat trimmings, artificial flowers, etc							723	373	220	167	87	83
Mattresses, cotton, kapok, moss, hair...number	[1] 12,472	25,248	29,876	15,984	9,464	6,009	[1] 109	173	243	97	52	50
Absorbent cotton, gauze, and sterilized bandages.....1,000 lbs	[6] 2,934	3,410	3,722	3,080	2,963	2,161	[6] 2,118	2,278	2,242	1,512	1,273	992
Elastic webbing.....1,000 yds		[7] 31,681	27,545	19,175	15,815	10,296		[7] 1,278	1,062	675	379	353
Garters and arm bands.....1,000 doz. prs	[1] 482	528	269	121	47	41	[1] 682	775	427	196	74	50
Suspenders and braces.....dozens	[1] 58,662	25,649	12,848	7,339	4,413	5,227	[1] 196	87	48	25	14	15
Other textile manufactures							[1] 2,097	2,730	1,754	1,900	1,153	1,336
GROUP 4.—WOOD AND PAPER												
Total							152,762	186,694	153,306	97,537	57,500	66,145
A. Wood unmanufactured							8,123	12,841	9,530	6,311	2,990	3,389
Logs and hewn timber—												
Hardwoods.....1,000 ft. b. m	15,446	16,358	16,750	19,149	18,565	18,043	1,008	1,160	1,161	769	523	488
Ash and hickory.....do		[5] 4,931	6,670	3,508	3,566	2,702		[5] 295	393	183	184	143
Walnut.....do		[5] 1,580	984	387	246	332		[5] 356	284	151	65	87
Other hard woods.....do		[5] 10,358	9,096	15,254	14,753	15,009		[5] 547	484	435	274	258
Softwoods—												
Southern pine.....do		6,352	1,454	762	371	151		263	67	30	9	6
Douglas fir.....do		39,258	43,488	23,135	9,870	38,491		567	602	258	117	414
Cedar.....do	109,275	175,861	115,968	115,972	34,943	38,599	3,376	4,027	2,542	2,162	606	654
Hemlock.....do				63,477	54,767	54,044				638	470	476
Other soft woods.....do		98,625	127,866	43,916	18,967	19,034		1,371	1,771	449	188	199
Railroad ties.....thousands	2,702	3,637	1,664	2,132	1,093	2,013	2,978	3,323	1,641	1,367	573	833
Hardwood.....do	[1] 564	291	158	43	35	5	[1] 799	271	161	46	47	8
Softwood.....do	[1] 2,026	2,529	976	1,540	845	1,751	[1] 1,826	1,938	683	657	291	567
Creosoted or otherwise preserved.....do		817	530	549	213	257		1,114	797	664	235	257

Piling	1,000 lin. ft.	1,514	5,389	4,436	3,213	3,747	2,041	[1] 433	1,349	764	351	411	262
Telegraph, trolley, and electric-light poles	number	[1] 51,766	112,177	173,346	33,157	18,912	9,141	[1] 274	579	833	197	35	29
Firewood and other unmfr'd	1,000 cu. ft.	[1] 2,245	2,838	2,607	2,173	1,334	650	195	201	148	90	60	28
B. Wood, semimanufactures—sawmill products								85,078	100,571	78,402	45,070	26,281	32,275
Sawed timber	1,000 ft. b. m.	475,659	689,323	491,569	407,290	295,409	318,762	14,748	17,685	12,634	7,510	4,322	4,980
Softwoods—													
Southern pine	do	147,638	145,719	140,430	88,243	66,922	76,510	5,576	6,256	6,156	3,274	2,020	2,443
Douglas fir	do		505,683	330,758	302,939	222,582	239,491		10,150	5,807	3,861	2,077	2,362
Cedar	do	322,522	7,440	634	203	1,010	802	8,839	274	26	9	53	44
Hemlock	do				10,354	1,094	488				172	20	8
Other softwoods	do		24,327	14,817	2,498	1,403	470		616	334	58	35	25
Hardwoods	do	5,498	1,573	1,235	864	352	285	333	103	76	45	19	13
Creosoted or otherwise preserved—													
Southern pine	do		3,371	3,283	1,379	1,789	1,586		223	217	66	85	80
Other sawed timber	do		1,209	412	810	257	130		63	20	25	13	5
Boards, planks, and scantling	do	1,668,945	2,129,843	1,766,399	1,238,854	836,731	948,274	69,185	82,171	65,262	37,285	21,874	27,244
Softwoods	do	1,391,617	1,714,385	1,365,984	921,301	603,099	662,763	48,887	54,703	40,234	21,105	12,275	14,688
Cypress	do	8,246	8,815	6,099	4,479	2,847	3,764	557	517	356	221	142	179
Douglas fir	do	563,869	739,142	638,393	481,294	273,126	335,013	13,856	16,157	12,760	7,366	3,505	4,814
Rough	do	[3] 560,274	684,348	592,719	410,930	241,237	301,968	[3] 14,141	14,645	11,556	6,233	3,080	4,327
Dressed	do	[3] 22,862	54,793	45,674	70,364	31,889	33,045	[3] 936	1,512	1,204	1,133	425	487
Southern pine	do	586,975	636,171	500,965	310,130	262,554	263,828	24,291	26,789	20,191	10,125	6,843	7,860
Rough	do	[3] 557,469	553,836	440,262	272,666	230,894	228,790	[3] 23,936	23,332	17,760	8,908	5,985	6,805
Dressed	do	[3] 117,190	82,335	60,703	37,464	31,660	35,038	[3] 4,983	3,457	2,431	1,217	858	1,056
White, western, and sugar pine	do	49,079	34,402	31,733	24,079	14,353	17,358	2,534	1,958	1,556	916	519	663
Cedar	do		[8] 17,801	9,836	9,074	4,267	5,023		[8] 876	561	439	166	187
Redwood	do	38,795	52,798	28,412	6,999	8,219	14,185	2,593	2,957	1,512	347	311	495
Spruce	do	27,635	25,455	25,748	12,033	8,301	7,613	1,410	1,212	991	540	431	302
Hemlock	do	[3] 120,973	186,451	118,288	71,020	29,287	15,825	[3] 3,013	3,729	2,076	1,094	354	181
Small softwood dimension stock	do		6,505	1,430	190	65			235	88	11	1	
Other softwoods	do	44,435	10,405	5,080	2,003	80	154	1,836	446	143	45	2	7
Hardwoods	do	277,168	415,459	400,415	317,553	233,632	285,511	20,279	27,467	25,027	16,182	9,599	12,556
Ash	do	[3] 20,812	30,744	41,196	30,043	27,849	35,995	[3] 1,497	2,102	2,857	1,555	1,046	1,441
Birch, beech, maple	do		9,114	5,416	3,355	1,425	1,204		581	320	174	65	59
Chestnut	do	[1] 7,870	9,352	7,022	5,908	2,312	2,332	[1] 562	489	343	264	103	85
Cottonwood	do		[7] 4,419	2,677	1,764	1,114	1,564		[7] 238	116	76	47	75
Gum	do	46,412	55,430	51,936	39,556	28,776	36,996	2,398	2,700	2,318	1,433	842	1,142
Red and sap	do		[6] 48,624	44,954	33,551	22,966	25,917		[8] 2,373	2,071	1,246	686	845
Tupelo and black	do		[8] 5,904	6,982	6,005	5,810	11,079		[8] 234	247	187	156	297
Hickory	do	[1] 3,309	4,061	3,956	1,871	1,866	2,999	[1] 318	387	375	187	182	237
Oak	do	136,157	208,742	202,947	175,348	127,888	149,717	9,288	13,027	11,833	8,354	5,009	6,563
Poplar	do	21,798	34,859	28,167	21,073	16,265	21,979	1,799	2,174	1,667	972	616	923

[1] Average for years 1922–1925.
[3] Average for years 1923–1925.
Average for years 1927–1930.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[8] Average for years 1924 and 1925.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
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	10,099	8,792	5,476	5,684	[1] 1,090	1,417	1,260	784	414	438
Mahogany, do	[2] 17,422	15,964	12,661	7,534	3,285	3,048	[2] 2,512	2,341	1,734	939	392	390
Magnolia, do				4,551	4,866	7,600				187	167	297
Wagon-oak planks, do		7,850	13,724	5,944	4,459	5,832		482	804	323	202	269
Small dimension stock, do		4,032	5,770	6,728	4,984	6,600		436	621	651	361	463
Other hardwoods, do	38,241	21,531	14,844	5,086	3,067	3,961	3,313	1,189	780	282	153	175
Other sawed lumber, do	[1] 7,258	5,541	4,109	2,424	890		850	245	190	117	38	
Lath, thousands	[1] 31,300	36,443	31,154	22,436	11,387	10,164	[1] 188	163	102	46	21	14
Shingles, do	30,570	82,028	62,544	40,611	6,447	15,408	163	308	215	111	26	37
C. Wood manufactures							30,846	36,857	29,849	19,177	9,784	11,576
Cooperage							8,666	9,373	6,713	4,136	2,354	2,831
Staves, thousands	59,746	74,549	58,968	38,943	29,988	31,817	3,879	4,246	2,879	1,892	1,150	1,619
Tight staves, do	[1] 23,898	31,283	24,333	18,276	17,447	20,709	[1] 3,206	3,635	2,444	1,574	1,043	1,517
Slack staves, do	[1] 42,112	43,266	34,635	20,667	12,541	11,108	[1] 742	612	435	218	107	102
Heading, 1,000 sets	[1] 3,335	3,733	3,138	2,237	1,603	1,219	421	748	595	327	268	295
Tight heading, do		1,377	1,067	733	779	800		554	440	240	221	266
Slack heading, do		2,355	2,071	1,504	824	419		194	155	87	47	30
Cooperage shooks—												
Tight, do	[1] 1,688	1,031	867	617	314	425	3,493	3,179	2,499	1,531	749	741
Slack, do		693	288	428	161	154		426	175	237	80	73
Tight empty barrels, casks, hogsheads, thousands	[1] 360	333	255	139	58	56	873	774	565	249	107	102
Box shooks—												
Southern pine, 1,000 bd. ft.		13,037	12,474	10,172	7,079	1,740		627	571	433	237	58
Hemlock, do		59,233	42,151	14,351	5,537	2,084		1,721	1,222	410	142	43
Spruce, do	[1] 86,832	3,156	1,453	1,169	776		3,179	111	69	39	33	
Gum, do		[7] 5,084	3,378	1,968	903	997		[7] 276	169	88	39	43
Other, do		21,868	18,344	10,934	3,006	1,306		1,009	871	440	84	43
Veneers, 1,000 sq. ft.		79,805	78,297	54,335	32,934	23,363		2,087	1,928	1,147	557	461
Veneer packages for fruit and vegetables	[1] 55,347						[1] 1,669	[7] 100	54	44	51	144
Plywood, 1,000 sq. ft.		27,059	37,891	33,531	31,736	68,114		1,200	1,542	1,085	755	1,590
Hardwood flooring, 1,000 ft. b. m.	[3] 6,384	12,475	12,518	13,892	5,654	7,079	[3] 483	846	899	801	299	418
Doors, thousands	[2] 1,022	1,914	1,806	1,987	1,010	2,092	1,643	3,411	3,027	2,719	1,023	2,015
Sash and blinds, do		87	61	55	27	19		161	132	100	48	38
Trimmings and moldings n. e. s., 1,000 lin. ft.	[2] 4,644	9,164	11,174	8,272	5,601	3,555	256	267	244	171	80	57
Other millwork and house fixtures								[5] 300	320	160	52	44
Cane and reed manufactures, n. e. s.							[1] 429	239	111	56	35	

Furniture of wood—												
Chairs, thousands	[1] 186	172	126	74	33	27	721	682	509	244	132	107
Office furniture								267	165	77	37	44
Store fixtures								233	193	77	55	
School and church furniture							2,371	218	209	82	32	
Other wood, willow, and wicker furniture								2,181	2,190	965	356	401
Boat oars and paddles, number	[1] 92,794	81,681	77,785	33,872	20,445	21,721	202	184	159	82	48	47
Wagon and other vehicle stock								[7] 162	92	64	58	
Plow and similar bent handles, 1,000 doz			9	6	9	3			30	26	30	11
Hoe, fork, shovel, broom, and other long handles, 1,000 doz		792	880	711	361	413	2,009	825	731	545	271	293
Handles for striking tools, do		976	678	439	251	322		1,332	941	540	296	395
Pencil slats, 1,000 lbs		[8] 13,214	12,011	9,798	6,492	8,870		[8] 1,636	1,369	971	565	720
Woodenware							268	494	618	567	318	317
Other wood manufactures							9,563	7,636	4,772	3,108	1,798	1,458
D. Cork manufactures							577	948	1,043	841	410	445
Disks, washers, and wafers, 1,000 gross	[3] 3,271	6,661	11,359	14,391	7,533	9,425	[1] 142	254	426	470	201	249
Stoppers, 1,000 lbs	[1] 296	432	286	94	68	57	[1] 108	162	154	90	50	34
Other cork manufactures, do	[1] 2,216	6,220	2,964	1,725	1,223	1,019	[1] 302	532	463	281	159	162
E. Paper base stocks							3,704	5,147	4,178	3,719	2,707	3,862
Pulpwoods, cords	[1] 14,380	56,433	130,242	81,091	28,405	10,737	[1] 122	510	1,265	625	177	68
Wood pulp—												
Sulphite wood pulp, tons of 2,240 lbs		27,556	31,226	44,457	40,944	68,897		1,541	1,671	2,251	1,963	3,049
Soda wood pulp, do	26,097	1,968	1,808	1,282	1,104	680	1,744	161	141	93	65	34
Other wood pulp, do		6,585	10,204	1,857	685	1,130		337	259	63	10	31
Rags and other paper stock, 1,000 lbs	105,109	162,821	62,243	64,658	73,923	74,505	1,863	2,598	842	687	492	680
F. Paper and manufactures							24,435	30,330	30,303	22,419	15,328	14,599
Printing paper—												
Newsprint paper, 1,000 lbs	39,352	28,750	20,408	19,305	16,928	22,297	1,987	1,213	812	605	448	457
Book paper, not coated, do	26,383	25,658	31,830	19,024	14,963	18,381	3,148	1,936	2,144	1,154	787	863
Cover paper, do	[1] 1,209	1,899	2,192	1,713	1,085	824	[1] 207	318	343	259	131	104
Grease proof and waterproof paper, do	[1] 1,605	2,970	3,805	4,634	4,195	4,718	193	499	742	975	872	763
Overissue and old newspapers, do		[5] 162,695	171,312	208,113	209,151	143,608		[5] 1,502	1,335	1,539	1,473	1,060
Wrapping paper, do	27,928	38,043	44,248	28,613	19,260	24,374	2,170	2,559	2,759	1,629	1,238	1,250
Surface-coated paper, do	[1] 3,725	9,584	7,567	5,075	6,061	6,130	[1] 560	1,019	867	580	678	617
Tissue and crêpe paper, do	[1] 7,966	4,751	4,762	2,979	3,676	3,815	1,281	1,050	919	506	554	544
Toilet paper, do		6,341	7,420	7,035	6,054	6,636		720	812	726	542	534
Paper towels and napkins, do	[1] 1,274	2,987	3,911	3,517	2,131	1,601	200	383	451	352	202	137
Boxboard of paperboard and strawboard, do	[17] 22,482	51,720	60,370	53,033	37,505	44,633	[17] 796	1,426	1,499	1,181	660	946
Bristols and bristol board, do	[1] 1,340	2,115	2,314	1,675	1,652	1,334	[1] 144	216	219	158	111	90
Other paper board, do	[1] 52,223	40,389	33,636	40,339	24,725	18,928	2,291	1,991	1,607	1,417	814	663
Sheathing and building paper, do	[1] 7,479	16,171	18,798	15,026	6,997	7,216	[1] 334	591	636	440	187	177
Fiber insulating lath or board, 1,000 sq. ft		[5] 46,259	62,499	37,627	24,891	33,051		[5] 1,512	2,009	1,200	642	853
Wall board of paper or pulp, do	[1] 14,907	46,296	30,090	18,499	6,715	9,760	544	1,537	999	591	182	242
Blotting paper, 1,000 lbs	[9] 2,186	3,497	3,115	1,852	1,093	1,583	[9] 326	414	379	211	117	148

[1] Average for years 1922–1925.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[8] Average for years 1927–1930.
[9] Average for years 1924 and 1925.
[17] 1925 only.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
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	1,642	1,300	972	843	[9] 190	456	605	438	311	272
Papeteries (fancy writing paper)—do.	[1] 5,926	734	651	273	193	128	1,719	190	147	70	45	29
Other writing paper—do.		19,705	21,064	14,665	12,529	13,527		2,288	2,070	1,309	859	884
Paper hangings (wall paper)—1,000 rolls		[2] 3,227	3,227	2,363	766	781	555	573	465	288	80	64
Paper bags—1,000 lbs.	[1] 10,930	11,049	11,250	11,894	8,571	10,948	975	940	893	827	485	530
Boxes and cartons—do.	[1] 12,746	24,562	22,715	14,482	11,180	6,929	1,126	1,645	1,371	932	628	444
Envelopes—do.	[1] 2,588	2,459	2,229	1,546	1,063	921	[1] 502	423	372	237	149	129
Vulcanized fiber sheets, strips, rods, and tubes—1,000 lbs.		5,172	4,578	3,454	2,246	2,801	1,351	1,387	1,140	962	666	727
Cash-register and adding-machine paper—do.	[1] 1,242	3,524	4,579	8,798	4,898	2,571	141	347	434	686	355	203
Other paper and paper products							4,994	5,006	4,273	3,147	2,112	1,870
GROUP 5.—NONMETALLIC MINERALS												
Total							582,352	706,964	641,822	373,914	277,334	270,820
A. Coal and related fuels—1,000 tons of 2,240 lbs.	20,508	22,239	17,350	13,088	9,597	9,562	131,112	121,800	89,762	64,542	44,543	40,409
Coal—												
Anthracite—do.	3,502	2,973	2,278	1,588	1,164	924	38,476	32,750	24,509	17,062	12,064	9,040
Bituminous—do.	16,350	18,349	14,176	10,827	7,870	8,069	86,482	82,308	59,186	43,395	29,688	28,572
Fuel or bunker coal for vessels in foreign trade (not included in exports)—1,000 tons of 2,240 lbs.	*4,908*	*4,353*	*3,122*	*1,960*	*1,204*	*1,175*	*31,588*	*23,126*	*15,697*	*9,639*	*5,534*	*5,241*
Coke—do.	655	916	896	673	563	569	6,154	6,743	6,067	4,085	2,791	2,797
B. Petroleum and products							405,052	524,364	494,339	270,500	208,381	200,016
Petroleum, crude—1,000 bbls. of 42 gals.	13,330	20,062	23,704	25,535	27,391	36,584	22,487	30,236	32,153	20,828	27,106	31,979
Natural gasoline—do.					308	1,657					533	3,395
Refined oils—do.	76,454	119,700	122,168	91,009	69,348	61,419	363,586	464,733	438,195	232,294	168,139	151,269
Gasoline, naphtha, and other finished light products—1,000 bbls. of 42 gals.	21,100	52,154	63,195	43,787	33,823	25,996	152,051	244,577	250,647	109,301	79,081	57,520
Illuminating oil—do.	20,446	19,945	16,690	12,534	10,867	8,764	85,381	84,049	63,325	34,796	23,732	19,209
Gas and distillate fuel oil—do.	26,555	37,429	32,378	26,588	8,118	10,232	41,207	42,278	33,220	23,966	9,295	12,348
Residual fuel oil—do.					9,713	8,223					6,877	5,962
Fuel or bunker oil for vessels in foreign trade (not included in exports)—1,000 bbls. of 42 gals.	*86,501*	*50,198*	*50,773*	*43,714*	*38,152*	*32,272*	*55,842*	*62,345*	*53,576*	*38,345*	*29,392*	*27,103*
Lubricating oil—do.	8,332	10,017	9,753	7,994	6,731	8,111	84,439	91,733	88,931	62,986	48,281	55,389
Red and pale—do.	[3] 4,994	6,241	5,890	4,870	4,145	4,966	[3] 42,240	51,436	48,590	35,747	27,478	31,118
Black—do.	[3] 1,075	833	988	635	478	519	[3] 6,214	4,194	3,893	2,435	1,648	1,736
Cylinder—do.	[3] 2,892	2,943	2,875	2,489	2,108	2,626	[3] 35,831	36,103	36,448	24,804	19,155	22,534
Mineral spirits (substitute for turpentine)—1,000 bbls. of 42 gals.	[3] 24	55	55	51	45	57	[3] 337	495	465	408	277	327

Insulating or transformer oils ... do		86	81	48	47	32		1,042	918	502	411	327
Light lubricating oils in small packages ... 1,000 bbls. of 42 gals	[3] 14	14	16	7	4	4	[3] 510	560	689	334	185	186
Lubricating greases ... 1,000 lbs	[1] 81,673	104,129	99,273	74,081	64,768	73,362	4,395	5,523	5,405	3,542	2,788	2,954
Paraffin wax ... do	311,435	336,174	292,933	290,484	235,264	248,274	13,828	15,077	10,480	8,425	6,267	6,979
Unrefined ... do	77,789	78,695	82,961	90,581	77,605	96,906	2,938	2,935	2,352	2,132	1,709	2,352
Refined ... do	233,646	257,478	209,972	199,903	157,659	151,367	10,891	12,143	8,128	6,293	4,558	4,627
Petroleum asphalt ... tons of 2,240 lbs	[17] 79,477	341,746	366,419	257,231	183,934	182,171	[17] 1,762	7,424	7,277	4,941	3,168	2,861
Petroleum coke ... do		102,335	88,098	49,979	79,777	169,991		1,045	768	395	380	580
Residuum, including road oil ... 1,000 bbls. of 42 gals	131	100	23	21			403	325	61	76		
C. Stone, sand, cement, and lime							5,537	5,871	5,318	2,792	1,532	1,934
Marble in blocks, rough or dressed ... cu. ft	[1] 59,498	75,805	84,550	32,443	30,691	11,585	[1] 238	303	376	141	100	46
Roofing slate ... squares	[1] 8,363	8,062	5,278	4,174	1,792	1,155	82	87	64	45	12	7
Other building or monumental stone ... 1,000 cu. ft	[1] 918	584	731	284	73	30	388	607	594	209	76	36
Other manufactures of stone							1,047	1,166	1,067	628	274	245
Sand and gravel ... 1,000 tons of 2,240 lbs	[1] 368	427	288	195	86	74	455	637	570	418	212	55
Cement, hydraulic ... 1,000 bbls. [19]	1,042	851	756	430	375	680	3,209	2,854	2,455	1,221	802	1,488
Lime ... do. [20]	110	157	145	119	36	37	166	216	192	130	56	58
D. Glass and glass products							10,053	9,642	9,120	6,897	4,067	4,305
Plate and window glass—												
Window glass, common ... box, 50 sq. ft	41,496	20,364	15,544	8,486	2,520		243	116	84	41	15	
Plate glass unsilvered ... 1,000 sq. ft	2,098	1,924	3,361	3,708	2,925	3,831	852	610	1,036	1,115	813	1,170
Other window and plate glass ... 1,000 lbs	[1] 2,481	4,263	5,189	2,859	991	1,366	[1] 274	420	443	294	130	154
Glass containers (bottles, vials, and jars)							3,245	3,252	2,992	2,087	1,106	1,116
Table glassware, plain							[1] 1,808	1,442	1,201	877	483	405
Table and other glassware, cut or engraved							182	136	97	80	36	19
Lamp chimneys and lantern globes ... 1,000 lbs	[1] 1,803	1,662	1,181				[1] 345	328	218	83	54	54
Globes and shades for lighting fixtures ... do	[1] 1,558	1,785	1,586				[1] 451	637	582	410	203	154
Chemical glassware ... do	[1] 247	246	269	160	118	134	190	216	231	152	109	116
Glass electric insulators ... do	[1] 2,506	4,037	3,462	1,330	822	731	[1] 217	358	239	86	42	38
Other glassware							2,863	2,127	1,997	1,672	1,076	1,079
E. Clays and clay products							7,224	9,857	10,564	6,364	3,253	3,803
Clays—												
Fire clay ... tons of 2,240 lbs	32,831	52,714	55,946	40,459	19,720	28,957	263	469	520	329	228	265
Other clays ... do	37,136	54,465	65,955	54,812	52,922	59,012	346	898	1,109	916	827	970
Pottery—												
China and porcelain ware—												
Table, toilet, or kitchen ware							[1] 168	174	190	92	46	57
Electrical porcelain—												
For less than 6,600 volts ... 1,000 lbs	[1] 7,889	5,069	4,561	1,980	599	535	[1] 1,646	701	556	241	84	95
For 6,600 volts and over ... do		4,637	5,378	5,835	1,435	1,414		772	872	907	205	166
Other china and porcelain ware							162	173	170	116	113	125
Water-closet sets							658	1,354	499	223	150	223
Other earthenware plumbing fixtures									877	355	167	147

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1923–1925. [9] Average for years 1924 and 1925. [17] 1925 only. [19] Of 376 pounds. [20] Of 200 pounds.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 5.—NONMETALLIC MINERALS—Continued												
E. Clays and clay products—Continued.												
Pottery—Continued.												
Other earthen, stone, and crockery ware							1,063	846	831	216	96	142
Crucibles, clay and graphite...1,000 pieces	[1] 444	542	489	350			[1] 103	119	104	66		
Bricks and tiles—												
Fire-clay bricks...thousands	31,272	27,937	25,387	17,526	7,551	8,928	1,358	825	881	332	465	531
Other refractory bricks...do	[1] 8,994	15,376	10,951	4,739	2,951	4,122	[1] 788	1,443	1,121	491	254	381
Refractory shapes...1,000 lbs	[1] 23,940	58,330	80,623	15,937	8,537	11,222	[1] 557	1,264	1,672	476	286	393
Building bricks and hollow tile...thousands	11,226	14,211	16,400	11,691	1,812	642	290	311	399	320	48	18
Wall and floor tiles...1,000 sq. ft	[1] 6,061	3,243	1,379	780	336	324	475	430	556	276	96	84
High-temperature cements...1,000 lbs		[5] 5,265	5,681	4,695	3,240	3,260		[5] 188	216	246	127	132
Other terra-cotta and ceramic manufactures										263	64	73
F. Precious stones, including pearls							[1] 72	81	136	44	83	13
G. Other nonmetallic minerals							23,317	35,349	32,582	22,776	15,975	20,339
Abrasives							4,980	7,738	6,966	4,583	2,834	3,521
Wheels of emery and corundum...1,000 lbs	[1] 1,665	704	479	286	155	498	699	246	203	115	64	213
Grindstones...do	[1] 10,734	9,416	4,996	2,405	3,078	2,895	419	481	247	105	86	89
Other natural abrasives, hones, whetstones, etc...1,000 lbs		8,630	8,216	6,976	5,371	7,120		396	361	232	147	159
Artificial abrasives, crude or in grains...do		14,650	15,098	13,232	6,961	13,386		940	930	912	547	927
Wheels of artificial abrasives...do		5,530	4,788	3,296	1,816	1,563	3,861	1,992	1,720	1,285	662	584
Abrasive paper and cloth...1,000 reams		[8] 260	246	110	88	100		2,947	2,758	1,368	989	1,143
Other artificial abrasives...1,000 lbs		6,634	5,404	4,100	1,796	2,196		736	747	566	339	407
Asbestos—												
Unmanufactured...tons of 2,240 lbs	706	668	688	1,530	1,524	1,230	73	137	95	122	95	89
Paper, millboard, and roll board...1,000 lbs	[1] 2,548	1,722	1,917	1,269	587	879	[1] 139	141	153	126	61	63
Pipe covering and cement...do	[1] 4,622	5,519	6,666	2,100	2,453	1,819	[1] 304	331	427	120	136	94
Textiles, yarn, and packing...do	[1] 1,068	1,655	1,784	1,271	904	1,036	[1] 689	900	949	662	431	510
Brake lining...1,000 lin. ft		[7] 4,379	6,717				[17] 863	1,147	1,372	1,140	696	725
Other manufactures, except roofing...1,000 lbs	[1] 2,831	3,570	4,777	2,393	1,294	1,677	1,039	413	445	248	134	109
Asphalt and bitumen, natural—												
Unmanufactured...tons of 2,240 lbs	46,564	31,157	20,679	16,944	11,040	12,327	1,219	877	629	531	449	554
Manufactures, except roofing...1,000 lbs	[1] 63,930	53,289	53,668	29,686	15,368	13,317	957	1,079	1,120	579	318	233
Carbons and electrodes—												
Electrodes for electric furnaces...do	[17] 12,203	14,976	15,885	11,177	9,515	15,165	[17] 1,214	1,980	2,057	1,427	1,029	1,473
Other carbon products...do	[1] 25,647	17,150	5,912	3,900			1,766	993	669	542	380	426
Chalk manufactures...do	[1] 1,288	1,502	1,074	965	665	717	205	202	138	123	74	79
Gypsum—												
Crude, crushed, or ground...tons of 2,240 lbs		[7] 3,035	3,217	4,020	3,196	3,370		[7] 26	23	38	19	11
Plaster board and wall board...1,000 sq. ft		[8] 11,969	16,678	6,387	1,982	1,647		[8] 380	431	158	46	36
Plaster, calcined, and manufactures, n. e. s.[21] ...1,000 lbs		43,439	40,016	13,547	2,678	3,119	472	508	398	197	72	72
Mica and manufactures...do	[1] 1,720	3,955	4,733	5,239	3,099	3,126	167	252	263	258	133	118

Sulphur—												
Sulphur or brimstone, tons of 2,240 lbs.	471,093	699,957	593,312	407,586	352,610	522,515	7,504	14,312	12,416	8,837	7,179	9,878
Refined, sublimed, and flowers, 1,000 lbs.	[1] 5,114	32,679	35,870	27,198	16,285	19,629	[1] 120	538	556	432	266	317
Magnesia and manufactures, do.	[1] 4,402	6,214	6,843	2,905	1,220	1,390	[1] 280	367	454	201	91	92
Salt, do.	268,042	255,134	140,956	197,420	127,162	210,355	1,313	1,104	716	775	478	627
Graphite, crude, refined, and manufactures, 1,000 lbs.	[1] 3,726	3,734	3,113	2,376	1,580	1,828	491	438	418	249	173	183
Other nonmetallic mineral products							1,491	1,570	1,887	1,428	881	1,130
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES												
Total							415,488	463,765	356,751	180,903	84,789	107,396
A. Iron ore, 1,000 tons of 2,240 lbs.	677	1,021	752	436	83	155	2,994	3,823	2,734	1,658	220	647
B. Iron and steel semimanufactures							73,209	90,192	71,378	32,275	14,517	25,789
Pig iron, not containing alloys, tons of 2,240 lbs.	32,929	44,182	13,671	6,719	2,324	2,750	823	808	292	151	54	64
Iron and steel scrap (including tin-plate scrap), tons of 2,240 lbs.	69,735	355,178	358,649	136,125	227,522	773,406	1,104	5,097	5,562	1,957	1,859	6,874
Steel ingots, blooms, billets, slabs, and sheet bars, tons of 2,240 lbs.	8,463	20,771	17,032	7,965	1,627	3,159	420	846	733	332	64	114
Iron and steel bars and rods—												
Iron bars, 1,000 lbs.	352,528	9,932	4,082	2,278	1,381	1,509	11,065	353	150	96	43	55
Steel bars, do.		301,215	181,640	95,229	34,428	49,842		7,969	4,689	2,329	827	1,131
Alloy steel bars, do.		21,318	14,935	6,647	3,633	4,024		1,179	911	499	251	267
Wire rods, do.	62,816	70,078	89,105	71,960	33,192	37,803	1,445	1,518	1,876	1,297	583	608
Iron and steel plates, sheets, skelp, and strips—												
Boiler plate, 1,000 lbs.	332,532	24,488	15,709	1,119	1,532	1,851	9,297	508	332	32	46	40
Other plates, not fabricated, do.		307,326	204,569	94,019	21,228	28,961		7,073	4,527	1,878	478	592
Skelp iron or steel, do.	[1] 207,595	254,483	268,547	126,555	57,091	52,102	[1] 4,210	4,844	5,193	2,369	910	822
Iron or steel sheets, galvanized, do.	245,762	326,161	209,407	115,412	60,310	120,637	11,825	14,422	8,798	4,294	1,982	3,682
Iron sheets, galvanized, do.		[2] 14,038	14,038	9,551	3,164	2,606		[2] 812	812	531	168	126
Steel sheets, galvanized, do.		[2] 195,369	195,369	105,861	57,146	118,032		[2] 7,986	7,986	3,763	1,814	3,556
Steel sheets, black, do.	354,650	366,943	308,938	205,600	85,742	83,055	13,932	12,922	10,343	6,918	2,844	2,465
Iron sheets, black, do.	28,691	35,851	25,719	12,372	5,513	6,162	1,420	1,603	1,097	447	176	196
Strip steel, cold rolled, do.	[1] 21,492	32,284	23,491	19,930	12,450	17,992	[1] 914	1,258	960	740	500	624
Hoop, band, and scroll iron or steel, do.	58,119	83,449	64,575	43,307	27,371	27,368	2,134	2,402	1,713	1,095	627	603
Tin plate, terneplate, and tagger's tin, do.	282,790	550,948	484,997	189,131	88,710	213,335	15,635	27,388	24,202	7,841	3,273	7,650
C. Steel-mill products—Manufactures							93,568	80,475	67,516	30,913	14,338	19,742
Structural iron and steel—												
Water, oil, gas, and other tanks complete, and knocked down material for, 1,000 lbs.		[2] 45,898	45,898	27,848	6,837	6,896		[2] 2,387	2,387	1,132	267	365
Structural shapes—												
Not fabricated, tons of 2,240 lbs.	158,362	187,406	140,415	88,710	14,885	14,089	11,319	8,376	6,234	3,437	590	535
Fabricated, do.		44,727	57,607	24,862	8,639	13,893		4,169	5,525	2,327	629	940
Ship and tank plates, punched or shaped, 1,000 lbs.	15,494	12,875	12,608	3,415	2,400	3,137	533	381	317	84	64	82
Metal lath, do.	[3] 5,409	11,394	12,497	5,393	3,294	2,254	[3] 419	800	848	360	183	135
Other structural shapes, do.	[1] 112,974	90,833	90,136	12,869	16,947	6,820	[1] 4,094	3,407	3,304	358	336	184

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1923–1925. [5] Average for years 1929 and 1930. [7] Average for years 1928–1930.
[8] Average for years 1927–1930. [17] 1925 only. [21] Includes "crude, crushed, or ground" prior to Jan. 1, 1928.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1933	1933
GROUP 6.—METALS AND MANUFACTURES—Con.												
C. Steel-mill products—Manufactures—Continued.												
Railway track material—												
Rails, tons of 2,240 lbs.	245,301	159,463	95,179	33,108	11,320	41,481	10,722	6,053	3,580	1,289	428	1,227
50 pounds and over per yard, do.	203,485	141,336	75,855	25,357	10,408	37,629	[1] 7,926	5,399	2,836	1,008	395	1,105
Less than 50 pounds per yard, do.	22,686	18,126	19,324	7,751	912	3,852	[1] 877	654	744	281	33	122
Rail joints, splice bars, fishplates, and tie-plates, 1,000 lbs.	[1] 60,422	48,880	26,067	10,970	4,410	20,446	3,375	1,461	935	378	121	478
Switches, frogs, and crossings, do.		13,163	7,575	2,833	1,668	1,692		1,020	749	270	96	94
Railroad spikes, do.	18,086	9,701	6,127	2,595	1,554	5,319	649	303	178	74	39	192
Railroad bolts, nuts, washers, and nut locks, 1,000 lbs.	[1] 5,187	4,525	3,937	1,722	752	2,862	[1] 292	284	271	155	43	174
Tubular products and fittings—												
Boiler tubes, do.	[1] 3,070	38,577	32,896	15,836	8,237	8,778	2,175	2,149	2,005	885	567	483
Casing and oil line pipe, do.		234,593	139,116	49,221	38,694	87,820		10,377	6,708	2,469	1,792	3,431
Seamless black pipe, other than casing and oil-line, 1,000 lbs.	499,525				1,340	3,151	26,145				95	195
Welded black pipe, do.		184,237	127,838	76,852	33,163	34,228		7,322	5,449	2,806	1,157	1,017
Welded galvanized pipe, do.		89,705	81,375	58,528	36,024	45,823		3,863	3,620	2,372	1,306	1,477
Malleable iron screwed pipe fittings, do.		25,006	24,062	10,102	3,759	5,600		3,343	3,413	1,401	485	666
Cast-iron screwed pipe fittings, do.		20,564	13,564	4,797	1,684	2,979		1,725	1,427	527	181	246
Cast-iron pressure pipe and fittings, do.	73,861	27,299	25,503	29,108	10,580	14,834	4,746	1,173	957	654	218	323
Cast-iron soil pipe and fittings, do.		30,243	31,438	13,550	6,586	8,195		1,019	1,283	481	192	232
Riveted steel or iron pipe and fittings, do.					363	315					33	24
Wire and manufactures—												
Plain iron or steel wire, do.	155,619	37,009	25,469	13,171	9,600	21,397	6,339	1,634	1,147	581	385	569
Galvanized wire, do.		45,820	33,814	18,548	9,198	27,702		1,315	922	463	212	639
Barbed wire, do.	146,069	115,235	78,811	48,068	37,524	65,060	5,293	3,310	2,055	1,049	791	1,508
Woven-wire fencing, do.	[1] 7,816	10,678	8,812	5,929	2,220	2,025	477	586	484	282	104	90
Woven-wire screen cloth, do.	[1] 3,904	4,200	3,547	1,938	1,419	1,619	[1] 731	685	558	298	199	215
Wire rope, do.	[1] 13,091	11,732	10,160	5,604	3,525	4,951	1,697	1,505	1,254	666	410	508
Insulated iron or steel wire and cable, do.		1,559	1,191	673	191	55		259	216	108	28	7
Other wire and manufactures, do.	[1] 28,030	20,701	16,730	10,392	4,657	6,382	2,385	2,029	1,677	997	527	651
Nails and bolts (except railroad)—												
Cut nails, do.	4,769	2,189	1,059	307	354		193	95	56	16	21	
Wire nails, do.	71,955	25,866	18,975	19,797	16,912	22,958	2,834	801	536	485	370	509
Horseshoe nails, do.		2,193	1,682	1,386	1,515	1,326		244	181	147	160	135
Tacks (except thumb tacks), do.	13,162	1,643	1,004	1,218	860	996	1,453	231	136	143	101	117
Other nails, including staples, do.		12,957	9,401	5,635	4,837	6,561		993	683	301	174	224
Bolts, machine screws, nuts, rivets, and washers, except railroad, 1,000 lbs.	42,973	29,163	22,693	10,876	6,081	8,244	3,499	2,476	2,093	1,049	625	809
Castings and forgings—												
Iron castings, do.	[1] 31,338	22,495	14,811	9,693	7,610	9,418	2,742	1,436	1,458	689	374	422
Steel castings, do.		19,928	21,007	6,952	2,629	2,140		2,289	2,280	743	290	209

Car wheels and axles ... do	[1] 44,862	38,885	33,238	14,149	6,462	8,884	2,000	1,354	1,140	430	210	239
Horseshoes ... do	1,893	1,041	405	342	225	323	132	73	32	21	14	23
Iron and steel forgings n. e. s. ... do	[1] 5,178	17,811	18,969	16,562	8,264	7,052	515	1,459	1,420	997	521	424
D. Iron and steel, advanced manufactures							68,608	78,177	65,523	37,112	19,780	19,970
Cutlery							7,286	9,687	6,829	2,933	2,129	1,979
Razors, safety ... 1,000 doz	7,471	374	147	212	43	39	4,774	662	454	306	67	103
Safety-razor blades ... do		10,690	7,922	4,449	3,936	2,360		6,818	4,756	1,593	1,255	798
Scissors and shears ... dozens	[1] 78,358	31,112	21,148	14,334	5,197	6,182	[1] 263	144	107	172	48	49
Table and kitchen cutlery ... 1,000 doz	[1] 496	397	265	117	60	102	778	538	400	172	70	108
Other cutlery and parts							1,523	1,526	1,112	759	689	921
Hollow ware—												
Tin and galvanized hollow ware ... 1,000 lbs		6,495	6,135	4,326	2,229	2,997	1,696	802	780	486	234	293
Tin cans, finished or unfinished ... do	[1] 11,723	10,061	13,162	7,507	5,897	5,015		1,103	1,524	909	674	572
Enameled ware of iron or steel—												
Bathtubs ... number	18,080	18,427	14,870	5,914	3,381	4,981	557	641	528	189	92	124
Lavatories, sinks, and other plumbing fixtures ... number	[1] 48,899	52,164	39,907	26,605	17,709	21,723	632	601	464	262	141	156
Enameled household ware ... 1,000 lbs	[1] 3,999	[8] 2,814	2,552	1,619	638	501	1,017	549	472	275	110	84
Metal furniture and fixtures—												
Filing cases ... number	[1] 28,684	59,295	73,148	23,644	10,570	12,057	[1] 1,006	1,974	2,397	613	249	278
Safes and cabinets, fire and burglar proof ... number	6,683	18,236	5,623	9,554	4,745	2,983	694	976	400	572	273	163
Bank and safety deposit vaults and equipment							[9] 202	526	577	878	106	133
Other office furniture and fixtures							624	941	884	672	274	204
Metal beds and bed springs ... number		169,875	142,782	108,076	51,766	39,137	2,132	1,419	1,077	716	314	232
Other metal furniture								1,446	1,203	380	138	151
Stoves and furnaces, except electric—												
Coal and wood cooking stoves and ranges ... number		12,073	7,707	3,611	2,090	1,601		318	204	84	57	44
Heating stoves and warm-air furnaces ... do		14,716	16,276	7,256	1,461	443		286	266	119	30	11
Gas stoves, ranges, and water heaters ... do		43,061	38,345	17,837	8,392	6,235		857	757	367	124	101
Kerosene cooking stoves and ranges ... do			113,209	82,406	33,449	19,873	2,559		1,036	747	296	155
Gasoline cooking stoves and ranges ... do		141,164	16,079	10,114	5,282	4,406		1,342	190	90	34	33
Parts of stoves and ranges ... 1,000 lbs		4,525	3,816					965	868	747	470	326
House-heating boilers and radiators ... 1,000 sq. ft		[7] 3,497	3,537	1,710								
Oil burners and parts							815	1,644	859	485	247	152
									1,796	1,521	1,090	1,140
Tools							15,914	17,907	14,353	8,076	3,958	5,134
Axes (broad and hand) ... 1,000 doz	99	91	53	24	19	49	1,220	979	590	264	177	379
Hack-saw blades ... 1,000 gross		[5] 253	230	180	117	149			1,110	854	557	693
Shelf and hardware saws ... thousands		[5] 476	338	274	180	375	1,986	1,980	409	201	63	110
Other saws, except hack saws									166	86	53	62
Augers and bits, woodworking ... dozens		83,277	63,056	37,976	11,483	15,830	964	271	200	124	36	51
Files and rasps ... 1,000 doz	[1] 1,998	2,261	1,782	1,438	1,059	1,265	2,575	2,678	2,046	1,626	990	1,245
Hammers and hatchets ... do	[1] 59	65	43	21	9	18	413	333	210	100	41	80
Hand hoes and rakes ... thousands	[1] 379	319	247	126	111	162	[1] 173	131	95	49	36	55
Shovels and spades ... 1,000 doz	[1] 48	34	22	14	8	13	497	353	218	113	68	101
Vises [22] ... thousands	[9] 116	88	27	14	7	7	[9] 247	203	128	59	24	22

[1] Average for years 1922–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[8] Average for years 1927–1930.
[9] Average for years 1924 and 1925.
[22] "Vises and clamps" prior to Jan. 1, 1928.

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No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 6.—Metals and manufactures—Contd.												
D. Iron and steel, etc.—Continued.												
Tools—Continued.												
Automotive wrenches								[5] 315	264	173	101	117
Other wrenches (except automotive)								[5] 879	651	349	157	208
Drills and reamers								[5] 757	841	510	142	203
Taps, dies, screw plates, and pipe stocks								[5] 1,559	1,813	455	226	269
Mechanics' and other hand tools, n. e. s.								[5] 2,989	5,612	3,113	1,287	1,540
Hardware							8,495	8,454	7,294	4,074	1,939	1,900
Padlocks—1,000 doz.		199	129	73	30	38		487	356	216	91	100
Door locks and lock sets—do.		64	56	37	19	23	2,035	540	527	339	170	144
Cabinet and other locks—do.		164	116	82	40	38		343	286	191	95	72
Hinges and butts, iron or steel—1,000 doz. prs.		594	277	145	71	65	[1] 914	533	353	188	89	78
Other builders' hardware							[1] 1,801	1,671	1,411	925	426	417
Furniture hardware							[1] 355	404	355	205	73	84
Saddlery and harness hardware							[1] 332	194	105	71	54	50
Car and marine hardware							[1] 212	240	289	83	40	38
Other hardware							[1] 3,013	4,042	3,612	1,856	901	917
Needles, hand and machine—thousands	[1] 64,868	63,120	44,042	47,293	39,085	26,558	544	760	642	569	420	310
Sprocket and other power transmission chains—1,000 lbs.	[1] 12,977	5,710	4,695	2,502	1,588	1,967	2,256	1,265	1,121	687	413	486
Other chains—do.		9,627	6,993	3,705	1,546	2,064		1,278	890	468	187	211
Automatic scales (except coin operated)—number	[1] 112,934	12,935	11,096	7,022	10,301	10,330	2,049	942	751	551	194	245
Other scales and balances n. e. s.—do.		115,384	99,243	50,052	31,165	51,222		1,243	1,015	415	192	227
Wood screws—1,000 gross	7,965	7,427	6,298	4,016	986	444	1,196	807	672	487	158	73
Other iron and steel manufactures							19,255	19,443	15,673	8,741	5,225	5,053
E. Ferro-alloys							489	942	940	1,447	717	2,932
Ferromanganese and spiegeleisen—tons of 2,240 lbs.	3,008	3,907	6,189	1,306	33	47	118	109	146	39	2	3
Ferrotungsten, tungsten metal, and wire—pounds	[1] 6,050	39,795	29,979	1,057,754	140,783	853,912	[1] 106	198	222	624	173	461
Other ferro-alloying ores and metals—1,000 lbs.	[3] 4,848	8,874	12,256	15,527	10,121	18,131	286	635	572	784	542	2,468
F. Nonferrous metals, except precious							173,483	205,701	145,625	75,347	33,210	36,946
Aluminum							6,538	11,640	10,898	6,164	2,615	1,975
Bauxite and other ores and concentrates—tons of 2,240 lbs.	51,969	112,133	104,504	88,370	28,474	21,760	2,589	5,091	3,777	3,309	1,162	646
Ingots, scrap, and alloys—1,000 lbs.	3,049	1,545	608	1,511	3,905	5,515	674	305	84	132	315	539
Plates, sheets, bars, strips, and rods—do.	3,165	12,905	16,722	3,190	532	193	1,015	3,182	3,831	853	151	61
Tubes, moldings, castings, and other shapes—1,000 lbs.	[1] 1,979	1,796	1,864	1,292	839	454	[1] 644	581	599	552	337	160

Table, kitchen, and hospital utensils							647	601	560	357	202	197
Other aluminum manufactures							1,227	1,878	2,047	931	445	371
Copper—1,000 lbs.[23]	876,678	983,840	753,293	557,874	328,223	349,254	129,760	149,999	105,342	54,748	21,237	24,918
Ores, concentrates, composition metal, and unrefined copper (copper content)—1,000 lbs	686	4,458	179	300	32,866	45,428	95	572	19	24	1,473	3,230
Refined copper in ingots, bars, or other forms—1,000 lbs	791,171	828,927	594,115	405,396	221,955	249,164	111,475	123,015	79,691	38,099	13,538	16,931
Old and scrap copper—do	4,852	38,366	33,886	67,177	34,358	28,437	601	4,744	3,744	5,498	2,013	1,647
Pipes and tubes—do	2,424	3,218	2,697	2,071	1,196	802	639	834	674	415	213	134
Plates and sheets—do	7,074	7,090	10,983	4,537	1,672	1,133	1,475	1,425	1,876	645	233	179
Rods—do	48,908	66,192	75,138	58,831	28,104	15,579	7,263	10,467	10,958	6,178	2,294	1,174
Wire—do	10,852	14,325	15,750	6,268	1,889	2,571	1,962	2,521	2,714	805	197	247
Insulated copper wire and cable—do	[1] 13,386	21,264	20,545	13,295	6,183	6,140	4,498	5,123	4,640	2,568	1,039	1,098
Other copper manufactures							1,753	1,298	1,026	517	237	278
Brass and bronze							11,084	15,862	12,997	6,293	3,565	3,373
Scrap and old[24]—1,000 lbs	32,074	65,962	45,226	23,184	30,145	30,695	3,472	6,461	4,157	1,519	1,255	1,368
Ingots[24]—do			2,008	1,169	155	131			266	105	11	11
Bars and rods[25]—do	4,501	2,926	3,151	2,080	1,255	771	836	547	621	287	155	114
Plates and sheets[25]—do		1,696	1,417	647	433	263		400	344	133	76	54
Pipes and tubes—do	[1] 2,572	4,236	4,634	3,189	1,545	855	700	1,052	1,059	557	228	151
Pipe fittings and valves—do	[1] 2,992	3,709	3,201	1,859	827	843	[1] 1,661	2,005	1,850	1,014	486	479
Hinges and butts of brass or bronze—doz. prs		[5] 28,976	26,187	16,183	13,046	8,945	[1] 359	781	93	38	29	25
Other hardware of brass or bronze									588	337	168	149
Plumbers' brass goods—1,000 lbs		836	984	706	351	432		476	575	373	183	214
Wire of brass or bronze—do	1,064	1,344	1,342	1,235	233	240	339	439	478	315	51	50
Brass wood screws—1,000 gross		[8] 556	413	306	76	42		[8] 152	126	66	21	14
Other brass and bronze manufactures							4,121	3,579	2,890	1,546	902	743
Lead—1,000 lbs	126,998	184,722	100,611	44,866			8,884	10,305	4,511	1,462	12,36	1,173
In pigs, bars, etc—do	117,300	171,098	95,941	43,027	46,775	45,663	7,368	8,599	3,875	1,219	1,010	833
From domestic ore—do	7,893	17,723	8,081				508	900	375			
From foreign ore—do	109,407	153,375	87,860				6,860	7,698	3,500			
Other lead manufactures—do	[1] 12,122	13,624	4,670	1,839			1,517	1,706	636	243	226	340
Nickel—												
Nickel, Monel metal, and alloys—do	3,203	2,353	2,839	1,777	2,059	1,509	604	847	1,208	648	635	547
Manufactures							268	959	924	438	432	505
Tin and manufactures							1,533	2,155	1,150	186	162	818
Zinc							9,119	6,564	1,777	1,023	1,038	943
Ore and concentrates[26]—tons of 2,240 lbs	[17] 61,563	26,171		12			[17] 3,277	1,191		[13a]		
Dross[26]—1,000 lbs	20,870	9,085	2,324	765	356	1,617	901	382	57	19	8	44
Cast in slabs, plates, blocks, or pigs—do	92,236	53,083	9,265	1,286	12,943	2,289	6,349	3,543	450	51	278	79
Rolled in sheets, strips, etc—do	6,647	8,808	7,735	5,518	6,020	6,376	695	940	761	461	433	468
Dust—do	[1] 5,094	2,355	2,354	2,800	2,756	3,138	[1] 339	225	194	204	189	234
Other zinc manufactures—do	[1] 926	2,101	1,976	2,046	1,251	1,343	207	283	315	288	130	118

[1] Average for years 1922–1925. [8] Average for years 1923–1925. [5] Average for years 1929 and 1930. [8] Average for years 1927–1930. [13a] Less than 500.
[17] 1925 only. [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." [26] For 1922–1924 data shown for "dross" are "ores, concentrates, and dross."

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
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	1,122	410	237	330	187	318	244	72	43	58
Babbitt metal—do.	1,239	1,646	1,291	1,005	752	824	342	523	335	214	151	225
Nickel chrome electric resistance wire—do.				176	230	263				253	251	285
Other metal and alloys—do.	[1] 1,388	5,474	7,208	7,223	6,145	7,741	[1] 560	1,326	1,604	1,682	921	1,216
Plated ware, other than gold or silver							888	952	767	403	170	170
Type—1,000 lbs.	585	665	611	240	165	91	337	363	269	121	67	50
Other metal and metal composition manufactures, n. e. s.							3,490	3,887	3,599	1,639	687	690
G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin							3,138	4,457	3,038	2,151	1,989	1,370
Platinum—												
Ingots, sheets, wire, alloys, and scrap—ozs. (troy)	5,593	8,830	1,037	1,209	20,106	23,686	589	741	62	41	665	609
Manufactures, except jewelry—do.	1,481	1,568	769	1,190	2,032	1,323	115	121	41	48	107	57
Jewelry							827	1,264	1,065	855	372	362
Gold and silver ware, except cutlery and jewelry—												
Silver plated—												
Tableware								254	194	75	74	148
Other articles							946	188	189	67		
Gold-plated articles								347	175	105		
Gold manufactures, n. e. s.							662	1,264	1,106	861	659	142
Silver manufactures, n. e. s.								276	205	99	112	54
GROUP 7.—MACHINERY AND VEHICLES												
Total							531,382	934,545	830,076	484,536	221,745	236,739
A. Electrical machinery and apparatus							68,833	102,711	116,554	83,941	43,039	43,580
Generators—												
Direct current—												
Under 500 kilowatts—number	[1] 8,462	3,367	2,804	889	293	167	4,149	1,021	744	288	59	62
500 kilowatts and over—do.		80	37	7	2			611	462	187	15	
Alternating current—												
Under 2,000 kilovolt-amperes—do.		308	260	234	100	97		239	313	138	158	80
2,000 kilovolt-amperes and over—do.		24	23	12	6	9		748	664	1,367	689	326
Steam turbine generator sets—do.	[2] 444	1,008	1,361	168	103	49	[2] 436	1,342	1,597	1,024	109	746
Accessories and parts for generators							[1] 1,130	968	708	1,118	560	210
Arc welding sets—number		[3] 424	424	403	295	212		[3] 439	439	541	275	164
Self-contained lighting outfits—do.	[1] 2,764	4,035	2,667	1,341	424	596	[1] 727	1,129	846	339	115	137

Batteries—												
Flashlight batteries, thousand cells	[1] 8,600	39,898	71,829	65,690	47,834	45,682	3,940	2,790	3,618	2,599	1,870	1,552
Radio B and C batteries (dry), do		8,943	6,362	4,018	4,146			2,157	578	325	178	172
Other batteries, n. e. s., thousands		7,495	746	263	90	91			267	110	87	70
Storage batteries, do		335						3,420	3,109	2,172	1,064	988
6-volt storage batteries, do		[2] 263	263	242	163	159		[2] 1,815	1,815	1,466	817	745
Other storage batteries, thousand cells		[2] 136	136	72	36	26		[2] 1,294	1,294	706	247	243
No. 6 dry-cell batteries, thousands		[2] 2,439	2,439	1,922	798	1,164		[2] 577	577	447	184	236
Transforming or converting apparatus—												
Power transformers, 500 kilovolt-ampere and over, number	[1] 58,556	6,401	876	83	46	10	5,199	2,467	2,010	807	622	110
Distribution transformers, less than 500 kilovolt-amperes, number			8,008	2,895	1,173	1,422			1,864	572	193	211
Instrument transformers, do		62,003	4,995	3,820	1,905	2,125		1,264	237	156	84	50
Other transformers, do			67,256	44,581	20,163	9,051			1,178	491	219	115
Battery chargers under 15 amperes, do	[1] 50,865	60,231	14,360	4,329	1,424	1,474	[1] 1,122	1,504	149	54	26	26
Rectifiers, double current and motor generators, dynamotors, synchronous, and other converters, number			4,481	4,736	2,124	1,226			1,152	1,151	261	159
Transmission and distribution apparatus—												
Switchboard panels, except telephone, number	[1] 5,538	4,124	4,836	2,678			4,246	1,756	2,156	1,712	319	137
Switches and circuit breakers over 10 amperes, thousands		365	251	57				2,202	2,390	1,292	502	548
Fuses, do	[1] 2,914	4,761	4,696	2,289	1,186	2,148	[1] 284	422	377	186	80	84
Watt-hour and other measuring meters, number		76,951	63,641	63,341	24,194	19,951		780	726	567	232	190
Volt, watt, and ampere meters, and other recording, indicating, and testing apparatus, number	[1] 185,927	[27] 245,003					1,969	2,022	2,202	1,468	1,064	805
Electrical indicating instruments, do		[7] 64,322	78,388	52,200	27,445	71,639		[7] 663	835	529	265	293
Electrical recording instruments, do		[7] 5,768	7,061	2,829	2,776	1,127		[7] 330	447	303	258	125
Other electrical testing apparatus								[7] 947	920	636	541	388
Lightning arresters, choke coils, reactors, and other protective devices, number	[1] 80,045	86,735	71,113				[1] 730	813	851	607	336	310
Motors, starters, and controllers—												
Motors ¼ horsepower and under, do	[1] 101,750	136,572	143,236	112,408	49,226	43,574	7,531	2,824	2,413	1,486	493	404
Motors over ¼ and under 1 horsepower, number			22,022	13,188	5,678	6,308			658	335	145	137
Stationary motors—												
1 to 200 horsepower, do		21,687	19,464	10,459	3,397	3,923		3,358	3,392	1,491	496	509
Over 200 horsepower, do		198	264	87	20	30		553	695	644	63	87
Railway motors, do		652	217	213	65	86		629	199	177	48	47
Electric locomotives—												
Railway, do	116	53	33	7	8		1,914	1,022	866	169	787	
Mining and industrial, do		117	137	80	39	57		613	736	440	136	194
Other motors							116					
Station and warehouse electric motor trucks, number	223	180	167	94	18	21	162	204	279	220	25	35

[1] Average for years 1922–1925. [2] 1930 only. [7] Average for years 1928–1930. [9] Average for years 1924 and 1925. [27] Average for years 1926 and 1927.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
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	1,651	1,256	479	403
For electric railway and vehicle motors								210	160	194	68	96
Portable electric tools—number		23,272	21,562	14,780	6,462	7,665		1,077	1,206	785	323	400
Accessories and parts for motors							[1] 1,709	2,607	2,410	1,761	771	676
Electric household refrigerators—number		[3] 39,256	56,658	55,800	37,719	60,495		[3] 7,084	8,236	6,860	3,360	4,472
Electric commercial refrigerators up to 1 ton—number		[2] 10,900	10,900	12,204	10,613	11,607		[2] 2,061	2,061	1,766	1,372	1,130
Parts for electric refrigerators										3,004	1,963	2,059
Electric appliances—												
Electric fans—number	64,008	76,700	92,714	49,327	27,095	26,084	978	1,026	1,052	434	223	170
Electromechanical health exercisers—do		[2] 4,021	4,021	946	189			[2] 124	124	32	5	
Electric lamps—												
Metal filament—thousands	6,668	9,454	8,452	6,332	4,251	5,396	1,565	1,426	1,211	816	532	589
For automobiles, flashlights, and Christmas trees—thousands		[2] 3,110	3,110	3,248	2,242	2,667		[2] 194	194	215	119	110
Other metal filament bulbs—do		[2] 5,342	5,342	3,084	2,009	2,729		[2] 1,017	1,017	601	413	480
Other electric lamp bulbs—do	564	2,060	588	224	99	83	262	444	268	90	44	37
Flashlight cases—do	[1] 894	2,578	1,879	1,052	796	723	[1] 716	2,207	1,386	530	300	294
Searchlights and floodlights—number	[1] 12,319	18,073	16,036	6,148	2,128	3,196	[1] 397	635	517	295	86	117
Motor-driven household devices—												
Electric washing machines—number		23,328	26,265	15,556	6,710	3,297	[3] 189	1,566	1,710	870	254	179
Electric vacuum cleaners—do		[7] 75,143	95,268	74,872	40,646	19,483			1,724	1,184	377	210
Other motor-driven devices, except tools—number		[7] 29,471	28,449	17,304	9,569	15,810	[1] 900	2,480	820	451	176	209
Electric flatirons—do		[7] 141,153	124,606	95,415	55,382	64,527			275	198	87	91
Domestic heating and cooking devices—												
Electric cooking ranges—thousands		[7] 7	6	6	2	2			444	413	141	155
Other domestic heating and cooking devices—thousands		[7] 295	292	207	118	117	1,132	1,464	1,010	636	250	241
Industrial electric furnaces and ovens—number	[1] 1,812	2,656	4,556	3,759	2,138	1,967	[1] 236	518	863	902	221	166
Therapeutic apparatus, X-ray machines, galvanic and faradic batteries, etc							[1] 982	1,692	1,597	1,123	641	657
Signal and communication devices—												
Radio apparatus—												
Transmitting sets and parts								962	1,144	805	664	743
Receiving sets—number		137,558	245,192	471,263	290,673	509,786	[1] 5,570	6,342	11,550	14,357	7,322	9,324
Tubes—thousands		990	1,774	2,375	3,759	5,399		1,450	2,363	1,947	2,013	2,623
Receiving-set components								3,234	4,375	3,888	2,517	2,784
Loud speakers—thousands		[5] 232	221	231	138	120		3,271	1,636	1,064	456	338
Other receiving-set accessories									2,066	575	341	314

Telegraph apparatus							606	951	764	309	163	164
Telephone apparatus—												
Telephone instruments, number		37,740	34,170	19,944	6,871	6,292		547	526	320	81	68
Telephone switchboards, do		1,354	1,151	138	153		3,603	1,185	953	91	80	
Other telephone equipment								3,108	3,895	1,467	669	731
Bells, buzzers, annunciators, and alarms							[1] 123	347	355	489	174	95
Other electrical apparatus—												
Starting, lighting, and ignition equipment							1,744	1,641	1,366	671	617	834
Insulating material, 1,000 lbs	[1] 4,509	5,554	5,501	2,275	1,602	867	[1] 1,352	1,342	1,123	563	246	190
Metal conduit, outlet, and switch boxes, 1,000 lbs	[1] 6,010	13,554	14,665				536	1,258	1,209	584	307	343
Sockets, receptacles, and lighting switches, thousands	[1] 4,697	10,521	9,855	6,972	3,919	5,067	[1] 1,110	1,876	1,800	1,374	692	643
Electric interior lighting fixtures								2,466	2,159	1,264	422	429
Electric street lighting fixtures							1,886		502	291	120	95
Other wiring supplies and line material								1,318	1,549	936	382	321
Other electrical apparatus, n. e. s							12,032	9,346	10,042	4,671	2,605	2,288
B. Industrial machinery							**166,526**	**216,042**	**225,637**	**141,835**	**58,491**	**55,284**
Power-generating, except electric and automotive							**30,301**	**25,239**	**19,303**	**12,358**	**4,996**	**3,846**
Steam engines—												
Stationary, except turbines, number	703	392	173	55	26	38	718	463	175	37	50	66
Mechanical-drive turbines, do	[1] 124	87	95	61	33	15	[1] 997	533	443	268	309	21
Locomotives, do	467	189	47	23	9	26	11,891	3,812	673	1,298	115	230
Locomotive parts and accessories							5,840	3,053	1,218	731	467	475
Other engines and parts									672	316	121	88
Steam boilers, fire tube, 1,000 sq. ft.[28]	[1] 717	730	202	69	24	17	2,263	1,656	517	121	40	29
Steam boilers, water tube, do			355	134	48	91			724	224	77	138
Condensers, heaters, accessories							[1] 391	777	867	408	221	91
Steam specialties—injectors, gauges, safety valves, steam traps, boiler-tube cleaners, etc							[1] 1,603	2,131	1,952	1,079	675	597
Internal-combustion engines—												
Stationary and portable engines—												
Gasoline locomotives, number	[17] 253	291	173	62	19	24	[17] 315	738	531	225	69	61
Diesel and semi-Diesel, do	[1] 1,068	744	301	230	51	43	[1] 528	1,251	992	386	221	161
Other—												
Not over 10 horsepower[29], do	27,262	32,357	24,209	7,407	3,821	3,711	4,031	2,795	1,834	570	246	218
Over 10 horsepower[29], do		3,788	4,105	4,458	711	782		2,169	2,302	2,264	344	379
Marine engines, Diesel and semi-Diesel, number	[1] 282	885	906	324	111	126	[1] 377	1,678	2,310	833	396	204
Engine accessories and parts (carburetors)							[1] 3,422	3,718	3,329	2,102	1,178	961
Water wheels and water turbines, number	[1] 237	73	54				[1] 302	465	763	1,496	467	125
Construction and conveying machinery							**9,155**	**22,188**	**25,490**	**12,370**	**3,828**	**2,813**
Excavators, incl. power shovels, number	[1] 139	473	552	218	72	34	1,631	5,845	8,079	3,270	866	325
Excavator parts and accessories							[17] 893	2,037	2,660	1,528	519	440

[1] Average for years 1922–1925. [2] 1930 only. [5] Average for years 1929 and 1930. [7] Average for years 1928–1930. [8] Average for years 1927–1930. [17] 1925 only.
[28] Heating surface. [29] "Not over 8 horsepower" and "over 8 horsepower" prior to 1925.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 7.—Machinery and vehicles—Continued												
B. Industrial machinery—Continued.												
Construction and conveying machinery—Con.												
Dredging machinery							[1] 598	924	1,101	772	424	176
Concrete mixers—number	[1] 861	1,724	1,296	402	82	50	629	1,044	844	251	73	36
Road rollers—do		151	101	57	11	18		379	309	137	17	57
Road graders—do		[2] 935	935	304	109	95	980	2,241	1,047	344	88	111
Other road-making equipment									1,897	750	191	225
Other construction equipment							[1] 888	1,005	818	426	168	116
Cranes with swinging booms—number	[1] 233	108	138	38	7	13	[1] 1,088	869	756	521	22	109
Other cranes—do		278	246	70	22	29		1,259	1,420	546	73	67
Mono-rail hoists—do			92	50	7	12			22	52	5	2
Other hoists—do	[1] 4,704	7,895	6,994	3,575	557	690	[1] 886	1,556	1,329	499	195	143
Derricks, except mining—do			161	16	12	7			300	37	24	13
Elevators, freight and passenger—do		625	470	199	109	125		1,114	952	603	357	190
Conveyors, bucket, chain, or belt—do		1,339	913	561	117	120	2,969	513	586	283	89	55
Other conveying equipment								3,402	3,370	2,351	717	747
Mining, well, and pumping machinery							24,783	43,778	48,549	25,256	10,566	13,504
Mining and quarrying machinery—												
Coal cutters—number	[2] 78	137	111	83	33	29	[2] 206	493	436	249	114	89
Rock drills—do	[1] 6,108	10,559	8,684	5,686	3,301	3,849	[1] 1,065	1,829	1,478	864	506	653
Mine hoists and derricks—do	[1] 228	966	1,295	586	266	337	[1] 248	702	815	838	171	221
Ore crushing and sorting							[1] 1,798	3,729	4,094	2,463	1,030	983
Concentrating and smelting							[1] 442	970	1,085	936	142	177
Other mining and quarrying							6,058	7,445	7,876	4,881	2,118	2,332
Well and refinery machinery—												
Oil and gas well-drilling apparatus							7,762	8,719	9,627	3,557	1,680	2,692
Other oil-well and oil-refinery								10,294	13,196	6,772	2,741	4,222
Other well-drilling apparatus								[3] 1,049	995	323	84	112
Pumping equipment—												
Centrifugal pumps—number		4,709	5,252	2,950	1,527	1,701		1,381	1,554	807	441	440
Steam pumps—do		6,445	4,807	2,187	857	910		1,688	1,486	682	226	183
Other reciprocating power pumps—do		20,168	18,423	9,284	6,698	7,916	8,038	2,658	2,306	1,358	507	523
Hand and windmill pumps—do		86,975	54,099	24,257	14,748	19,440		739	526	174	93	102
Other pumps and parts of pumps								2,712	3,077	1,352	713	775
Power-driven metal-working machinery							[30] 13,814	26,211	35,490	36,034	12,024	8,158
Engine lathes—number	[1] 1,059	747	1,053	496	187	230	1,726	1,586	2,206	1,718	651	360
Turret lathes—do		359	404	226	42	117		1,018	1,402	715	93	206
Other lathes—do		702	657	684	281	224		1,298	1,241	1,592	430	169

Vertical boring mills and chucking machinery—number		172	315	225	66	46		392	684	953	404	114
Thread-cutting and automatic screw machines—number	[1] 886	852	660	254	138	257	[1] 630	1,073	969	511	261	366
Knee and column type milling machines—number	[1] 540	324	314	151	125	115	[1] 778	784	894	603	325	262
Other milling machines—do		580	679	452	172	191		1,359	2,180	1,763	664	421
Gear-cutting machines—do	[1] 378	367	398	380	149	253	[1] 390	947	962	1,603	679	607
Vertical drilling machines—do		406	456	321	92	285		415	575	686	158	158
Radial drilling machines—do		119	156	116	52	25		275	334	256	118	69
Other drilling machines—do		1,625	1,544	1,612	467	1,017		646	1,128	1,637	527	297
Planers and shapers—do	[1] 233	435	322	304	85	62	[1] 354	723	964	808	194	104
Grinding machines—												
Surface—do		[5] 231	174	171	63	105		[5] 324	321	515	131	206
External cylindrical—do		699	509	401	132	109		1,589	1,357	1,397	349	291
Internal—do		390	311	248	113	89		931	967	1,032	375	227
Tool grinding, cutter grinding, and universal—number		1,054	1,568	789	348	454	1,588	525	753	605	283	273
Other metal-grinding machines								805	1,106	1,177	549	255
Sheet and plate metal-working machines								2,702	4,619	5,555	2,164	892
Forging machinery								1,347	1,847	3,984	811	342
Rolling-mill machinery								885	1,187	1,390	426	354
Foundry and molding equipment							[1] 515	1,785	3,589	2,284	343	448
Other power-driven metal-working machinery and parts							[10] 8,367	4,995	6,204	5,250	2,089	1,735
Other metal-working machinery							[1] 3,127	4,172	3,862	4,002	1,844	1,211
Pneumatic portable tools—number	[1] 12,254	20,581	18,511	9,672	4,762	4,525	[1] 813	1,614	1,479	783	350	282
Other portable and hand or foot operated metal-working machines and parts								897	990	558	387	327
Chucks for machine tools—number	[1] 23,782	18,945	21,441	9,074	5,813	9,927	[1] 295	239	214	129	38	57
Machine-operated pipe and thread cutters, stocks, dies, taps, and other machine-operated cutting tools										1,307	744	320
Other metal-working tools							[1] 2,018	1,422	1,179	1,225	325	225
Textile, sewing, and shoe machinery							23,690	23,374	18,424	12,716	9,441	9,825
Textile machinery							12,588	11,408	8,661	6,787	4,316	4,860
Full-fashioned hosiery knitting machines, power driven—number		[2] 85	85	2	43	14		[2] 455	455	21	84	93
Circular hosiery knitting machines—number		6,649	2,215	2,168	1,196	571		2,736	1,075	809	476	206
Other circular knitting machines—do		1,432	746	1,174	1,136	1,205		657	399	620	400	431
Other knitting machines and parts							[1] 3,211	1,394	1,169	750	498	416
Textile winding machines—number		[3] 1,091	1,091	1,569	1,086	2,161		[3] 360	360	629	547	674
Cotton spinning and twisting machines							[3] 456	525	542	463	196	260
Cotton looms—number		[9] 1,452	414	1,292	580	1,667	511	543	173	378	194	422
Other cotton machinery							[9] 1,041	785	888	493	361	507

[1] Average for years 1922–1925
[2] 1930 only.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[9] Average for years 1924 and 1925.
[10] All metal-working machinery is included prior to 1922.

No. 490—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
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	218	160	98	104
Silk machinery							[1] 254	542	768	519	254	428
Other textile and textile finishing machinery							[1] 3,244	3,770	2,614	1,945	1,208	1,317
Sewing machines—												
For domestic use—number	[1] 246,151	173,222	116,898	51,811	112,058	32,947	8,210	4,616	3,128	1,164	1,621	582
For factory or industrial use—do		57,883	49,145	42,335	29,349	44,427		4,054	3,644	2,740	2,184	2,804
Sewing-machine parts							[1] 1,861	1,600	1,314	1,025	717	970
Shoe machinery, except sewing							1,404	1,695	1,678	1,000	603	609
Other industrial machinery							61,681	71,080	74,519	39,095	15,792	15,929
Cigarette, cigar-making, and other tobacco machinery								[7] 1,380	1,635	1,704	506	399
Bakery machinery and parts								[8] 837	789	466	183	180
Flour-mill and gristmill							1,135	647	478	251	123	163
Rice-mill machinery							[1] 187	205	139	65	79	71
Sugar-mill machinery—												
Cane mills—number		3,022	1,782	1,007	431	416	8,405	480	287	105	104	34
Other sugar-mill machinery								4,182	4,029	1,048	1,002	980
Paper and pulp-mill machinery							2,134	3,633	3,511	1,276	696	895
Sawmill machinery							740	877	758	528	176	158
Planers, matchers, jointers, and molders—number	[17] 188	208	77	60	19	39	[17] 198	235	126	74	11	30
Other woodworking machinery and parts							1,571	1,809	1,776	886	293	349
Veneer machinery								[2] 80	80	26	30	38
Blowers and ventilating machinery							[3] 514	1,366	1,726	1,077	427	414
Bottling and bottle-washing machinery								[5] 1,636	1,437	839	317	364
Brewers' machinery							638	981	630	355	61	86
Ice-making equipment								776	830	565	350	356
Refrigerating equipment—												
Up to 1 ton capacity [31]							2,150	2,548	1,440	285	56	102
Over 1 and up to 10 tons capacity [31]									921	422	190	219
Over 10 tons refrigerating capacity								846	922	289	221	96
Oil-mill machinery							[1] 323	866	703	241	138	251
Cotton gins, cotton presses, and parts							506	490	338	268	47	211
Ball and roller bearings, and parts—1,000 lbs	[1] 2,464	3,492	4,444	2,323			[1] 1,485	2,464	3,260	1,751	720	777

Air compressors—												
Capacity up to 25 cubic feet ----number	[1] 5,790	11,431	9,711	5,647	2,465	2,945	3,120	1,162	884	513	192	211
Capacity over 25 cubic feet----do		3,964	3,679	1,387	681	627		4,932	4,721	1,577	1,078	837
Portable air compressors----do				520	412	342				441	457	353
Meat and other grinding and slicing machines----number		[8] 31,470	8,775	6,799	2,230	2,684		[8] 994	913	728	224	213
Paint-spraying equipment								[7] 671	638	409	169	158
Laundry machinery—												
Power-driven laundry machines for commercial laundries----do		2,591	2,531	1,022	198	145	1,392	1,483	1,443	839	147	64
Other laundry and dry-cleaning equipment								1,780	1,975	1,143	363	333
Gas meters----number	[1] 34,062	22,978	18,099	8,035			590	326	303	110	81	121
Water meters----do		29,940	44,534	47,981				455	469	395	192	482
Iron or steel body valves for steam, water, oil, and gas----thousands		[7] 249	208	104				[7] 3,619	3,865	1,329	610	824
Other parts, n. e. s							37,357	32,999	33,489	19,090	6,549	6,160
C Office appliances							**23,466**	**44,969**	**42,218**	**24,982**	**14,869**	**15,765**
Accounting and calculating machines—												
Billing and bookkeeping machines.number	20,933	10,545	8,851	4,609	2,688	2,697	4,451	5,311	5,463	3,310	1,701	1,598
Listing-adding-bookkeeping----do		[8] 4,577	1,920	1,354	566	512		[8] 2,681	1,765	1,338	562	525
Typewriter-bookkeeping-billing----do		[8] 6,483	6,931	3,255	2,122	2,185		[8] 3,119	3,698	1,972	1,139	1,073
Nonlisting adding machines----do		[8] 2,037	1,064	240	67			[8] 146	91	16	4	
Listing-adding machines----do		31,562	29,134	16,036	11,386	13,538		3,088	2,785	1,568	884	1,055
Calculating machines----do		12,431	10,834	5,417	2,950	3,648		2,143	2,120	899	485	578
Card punching, sorting, and tabulating machines----number		1,439	1,591	1,484	935	1,223		1,057	1,035	999	844	1,068
Other, including used and rebuilt----do		3,864	4,319	7,954	4,356	5,419		276	290	272	234	474
Parts for accounting and calculating machines										841	540	738
Duplicating machines, parts and supplies for							[1] 450	656	873	602	442	401
Cash registers----number	17,269	36,182	35,826	22,142	8,292	8,435	3,436	7,302	7,579	4,082	1,450	1,503
Parts of cash registers							359	767	938	378	263	349
Typewriters----number	[1] 254,463	368,542	319,970	211,945	139,902	166,390	14,192	19,918	16,683	9,852	6,300	6,480
Standard typewriters, new----do	[17] 205,407	203,806	158,421	87,574	46,918	54,478	[17] 14,010	14,006	10,963	5,838	3,214	3,492
Portable typewriters, new----do	[17] 85,602	123,633	117,272	84,287	72,720	56,792	[17] 3,087	4,629	4,385	2,996	2,601	1,767
Used and rebuilt typewriters----do	[17] 27,315	41,103	44,277	40,084	20,264	55,120	[17] 924	1,284	1,335	1,018	485	1,220
Typewriter parts							[1] 834	1,044	1,099	693	917	673
Other office appliances								3,291	3,262	1,469	804	851
D. Printing machinery							**9,606**	**16,097**	**15,323**	**8,668**	**4,716**	**5,680**
Typesetting machines----number	[1] 1,249	1,377	1,120	702	298	505	3,641	4,584	3,960	2,334	1,011	1,680
Printing presses----do	[1] 2,724	2,799	2,567	1,244	480	841	5,282	5,989	4,836	2,116	1,635	1,554
Bookbinding machinery and accessories								[2] 433	433	323	254	385
Other printing and typesetting machinery and accessories							[9] 1,705	5,437	6,094	3,895	1,816	2,061

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1923–1925. [5] Average for years 1929 and 1930.
[7] Average for years 1928–1930. [8] Average for years 1927–1930. [9] Average for years 1924 and 1925. [17] 1925 only.
[31] 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. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 7.—MACHINERY AND VEHICLES—Contd.												
E. Agricultural machinery and implements							51,913	109,901	115,809	57,403	10,548	12,215
Bee-keeping equipment								[5] 115	100	71	24	22
Cream separators—number	8,551	12,491	14,596	9,062	6,992	5,850	406	722	879	508	361	334
Other dairy machinery and parts							[1] 902	1,455	1,336	666	374	322
Incubators and brooders—number	[1] 11,216	27,869	26,934	9,768	2,642	1,429	237	719	868	292	82	53
Other poultry equipment, n. e. s.								[7] 241	285	140	82	70
Implements of cultivation—												
Horse and power plows—number		184,546	151,269	53,433	15,164	30,636		6,227	6,096	1,397	370	400
Harrows—do	[1] 242,067	32,590	23,536	3,320	1,185	1,724	6,162	1,758	1,437	193	82	96
Cultivators, horse and power—do		58,802	54,418	19,535	6,728	10,752		1,137	1,279	504	95	103
Planters, horse and power—do	[1] 18,568	11,308	24,162	5,046	623	1,730		487	977	569	32	54
Drills and seeders, horse and power—do		18,639	16,355	1,703	553	988	1,141	1,808	1,290	221	57	41
Sprayers and dusters—do	[17] 36,233	158,755	537,581	917,398	1,018,172	467,354	[17] 255	406	479	367	226	163
Other cultivating implements and parts							[1] 3,241	4,716	3,964	1,763	395	1,075
Harvesting machinery—												
Mowers, except lawn—number	[1] 68,724	14,084	9,218	2,026	1,037	778	2,813	874	580	138	74	51
Lawn mowers, hand and power—do		100,890	77,685	40,576	15,449	20,614	[32] 543	791	557	332	142	131
Hayrakes and tedders—do	[1] 10,388	8,246	7,272	908	247	473	389	315	343	38	10	20
Grain harvesters and binders—do	[1] 29,563	26,224	14,630	4,055	1,389	1,425	[1] 4,738	4,800	2,821	718	225	253
Combines (reapers, threshers)—do	[17] 1,720	6,785	6,573	2,608	382	405	[17] 1,028	8,730	9,024	6,237	480	473
Other harvesting implements and parts							[1] 3,292	4,103	3,956	2,146	693	1,050
Seed separators—												
Threshers—number	[1] 5,175	4,115	1,414	214	123	134	4,785	3,913	1,482	218	101	119
Corn shellers—do	[1] 10,626	15,942	10,870	2,862	547	1,500	[1] 212	280	197	54	5	11
Other separators and parts							[1] 1,158	1,596	572	500	95	183
Feed cutters, grinders, and crushers—number	[1] 2,910	7,318	5,875	3,212	1,988	2,266	[1] 165	342	361	199	147	90
Wheel tractors—do		51,933	44,774	27,079	1,629	2,403		40,096	44,188	26,981	1,485	1,815
Track-laying tractors—do		3,413	5,122	1,739	837	1,197		7,036	12,445	4,120	1,539	2,100
Track-laying tractors less tracks—do	22,965	[7] 532	244	11	2	1	14,312	[7] 1,064	639	26	7	4
Engines for tractors—do		1,055	279	28	15	101		462	122	6	19	35
Parts and accessories for tractors							2,559	10,066	14,494	6,815	2,045	2,297
Windmills—number	[1] 11,558	22,160	13,657	4,694	2,465	3,927	1,105	1,369	853	291	121	179
Towers and parts of windmills, except pumps							[1] 528	776	598	150	97	158
Hay presses, hand and power—number	[1] 1,022	929	599	140	58	95	[1] 252	275	190	46	20	31
Other agricultural machinery, implements, and parts							5,831	3,814	3,400	1,694	567	476
F. Automobiles and other vehicles							211,034	444,825	314,536	167,705	90,082	104,211
Automobiles, parts, and accessories							177,164	406,164	279,127	148,125	76,255	90,630

Electric trucks and passenger cars—number	202	113	34				[1] 280	170	62			
Motor trucks, busses, and chassis—do	25,952	118,473	84,512	48,248	24,964	43,516	18,165	75,190	55,856	25,101	11,717	20,113
Under 1 ton—do	[1] 29,324	115,427	80,254	7,768	2,226	4,779	[1] 16,712	67,392	46,962	2,683	605	1,401
1 and not over 1½ tons—do				34,997	19,745	32,325				15,273	7,927	12,386
Over 1½, not over 2½ tons—do				3,611	2,090	4,941				4,174	1,745	4,028
Over 2½ tons—do	[1] 1,246	3,046	4,258	1,375	758	1,206	[1] 3,411	7,798	8,894	2,449	1,303	2,157
Bus chassis—do				176	18	26				399	65	27
Secondhand trucks and busses—do				321	127	239				123	72	113
Passenger cars and chassis—do	124,092	275,627	153,069	82,457	41,440	64,511	94,339	197,649	105,979	50,007	23,591	32,100
Not over $850—do	[1] 143,982	267,230	147,742	66,142	35,533	59,694	[1] 100,242	177,168	93,278	31,735	16,960	26,734
Over $850, not over $1,200—do				9,986	3,299	2,639				9,582	3,143	2,542
Over $1,200, not over $2,000—do				2,787	1,238	1,088				4,000	1,638	1,662
Over $2,000—do	[1] 3,396	8,397	5,322	1,515	586	333	[1] 9,473	20,481	12,701	3,836	1,544	867
Secondhand passenger cars—do				2,027	784	757				853	305	295
Parts of, except tires—												
Automobile engines—												
For motor trucks and busses—do	54,420	10,750	19,489	6,034	1,659	2,180	6,355	1,141	1,635	854	286	290
For passenger cars—do		88,420	41,106	18,958	20,663	19,397		9,315	3,991	1,516	1,584	1,173
Automobile parts for assembly								62,237	61,260	39,963	21,048	18,348
Automobile parts for replacement								52,187	44,802	27,468	16,278	
Spark plugs—thousands		[7] 5,910	6,356	5,900	5,560	5,677		[7] 1,739	1,702	1,432	1,311	1,300
Other parts for replacement, n. e. s								51,144	43,100	26,036	14,967	15,461
Automobile accessories							58,081	8,277	5,544	3,216	1,753	1,845
Automobile shock absorbers and stabilizers—number		[7] 351,607	245,302	214,051	49,592	26,464		[7] 825	452	326	103	54
Automobile bumpers—do		41,180	15,932	21,147	1,072	6,197		[7] 201	62	57	6	12
Automobile horns, hand and electric—do		[5] 125,583	116,374	96,909	103,804	144,322		[5] 325	267	199	178	203
Other accessories, n. e. s								[7] 6,334	4,763	2,634	1,467	1,577
Automobile service appliances, n. e. s							[3] 3,117	6,927	5,879	3,719	1,451	1,049
Automobile tire-service equipment								[7] 858	573	317	105	81
Pumps for gasoline and oil—number		97,425	66,937	34,827	11,040	8,031		[7] 3,145	2,180	955	362	214
Other service appliances								[7] 2,922	3,126	2,447	984	754
Automotive fire engines—number	[3] 95	42	17	17	9	3	[3] 169	135	45	95	64	24
Trailers—do	[1] 654	1,029	1,322	593	382	253	[1] 264	457	648	208	295	127
Airplanes, seaplanes, and other aircraft—do	54	189	321	140	280	406	341	2,643	4,820	1,813	4,359	5,391
Engines for aircraft—do	[1] 112	252	376	307	2,356	2,903	[1] 132	948	1,635	1,432	1,518	1,452
Aircraft parts and accessories, except tires							150	1,316	2,363	1,623	2,070	2,336
Cycles—												
Bicycles—number	[1] 14,591	5,024	3,746	1,434	795	1,033	463	131	99	36	18	20
Motor cycles—do	17,759	17,520	10,262	5,469	1,969	2,309	4,286	3,963	2,410	1,302	414	513
Parts and accessories, except tires							[1] 1,637	1,316	955	567	326	294
Motor boats with engines installed—number	135	404	497	205	96	133	405	766	819	416	210	139
Internal-combustion marine engines, except Diesel—												
Detachable motors (outboard)—number	5,038	8,149	7,241	4,166	2,293	3,296	1,199	1,143	1,058	419	209	227
Other—do		3,015	2,142	1,352	519	662		1,461	1,171	1,356	216	242

[1] Average for years 1922–1925.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1928–1930.
[17] 1925 only.
[22] Average for years 1921, 1922, and 1925.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 7.—MACHINERY AND VEHICLES—Contd.												
F. Automobiles and other vehicles—Continued.												
Railway cars—												
Passenger service—												
Electric railway—number	[33] 1,187	78	19	22	28		[33] 1,584	657	205	30	440	
Steam railway—do	143	232	107	25	3	1	1,347	1,558	493	586	18	2
Self-propelled railway and tram cars—do		[5] 427	468	533	308	304		[5] 405	654	665	332	77
Freight cars—do	6,654	3,516	2,918	867	179	248	8,276	4,247	4,939	1,523	187	331
Mine cars—do	[1] 1,916	1,474	1,084	334	88	115	[1] 420	414	244	136	11	13
Air-brake equipment							[1] 698	1,030	666	317	265	146
Parts, except axles and wheels							5,506	4,085	2,817	1,344	810	681
Railway signals and attachments							[1] 796	838	959	873	124	142
Wagons and drays—number	8,389	4,971	2,138	832	189	422	705	483	293	131	49	25
Wheelbarrows—do	[1] 92,965	93,158	46,548	16,800	9,721	13,547	600	373	177	63	32	48
Pushcarts and hand trucks—do		12,406	11,040	5,733	2,599	2,456		246	247	130	60	44
Wheels, except automobile and car, thousands	[1] 184	112	62	89	67	56	[1] 204	257	172	123	55	57
Other vehicles and parts							3,618	3,103	1,638	674	295	202
GROUP 8.—CHEMICALS AND RELATED PRODUCTS												
Total							107,564	134,914	127,770	100,027	70,348	76,771
A. Coal-tar products												
Benzol—1,000 gals	9,730	28,843	44,600	21,861	3,241	8,439	2,501	7,049	9,566	3,795	612	1,594
Crude coal tar—1,000 bbls [12]		[5] 98	87	71	400	591	701	1,297	274	207	889	1,376
Coal-tar pitch—tons of 2,240 lbs		[5] 18,513	27,221	50,667	187,722	199,088			290	493	2,125	2,414
Creosote oil—1,000 gals				1,494	114	137				215	22	25
Colors, dyes, stains and color lakes, 1,000 lbs	[1] 16,948	30,074	28,267	20,313	16,097	18,740	5,392	6,300	6,246	4,739	4,071	4,653
Other coal tar products exclusive of medicinals—do				13,443	15,042	27,534	1,075	1,293	1,181	860	1,033	2,361
B. Medicinal and pharmaceutical preparations							16,418	20,081	17,715	15,036	9,966	9,816
Milk of magnesia—1,000 lbs		[5] 677	663	545				[5] 283	272	195	143	139
Castor oil—gals		[5] 80,783	75,735	70,107	41,857	42,755		[5] 133	115	117	56	58
White mineral oil—do		[7] 281,721	374,590	321,464	321,120	413,636		[7] 371	491	329	201	205
Biologics (antitoxins, serums, vaccines, etc)							[1] 781	2,036	2,593	2,346	1,832	1,798
Elixirs, cordials, tinctures, extracts, and similar liquid solutions									988	1,049	854	813
Tablets, pills, capsules, powders, and similar manufactures							[1] 16,121	17,657	2,007	2,160	1,524	1,688
Household pharmaceuticals in small packages									760	540	334	298
Proprietary medicinal preparations									10,489	8,300	5,022	4,817
C. Industrial chemical specialties							5,421	13,006	15,589	13,754	9,949	10,663
Nicotine sulphate—1,000 lbs		[7] 326	635	248	146	155		[7] 206	309	203	105	89
Lead arsenate—do		[7] 1,643	2,271	1,788	1,190	599		[7] 199	264	176	96	45

Calcium arsenate	do		[7] 2,499	3,177	2,146	2,534	2,586		[7] 135	167	101	101	101
Other agricultural insecticides, etc	do			8,352	6,975	6,473	5,851			718	718	595	540
Household insecticides, etc	do		20,093	12,319	7,355	2,725	3,460		4,236	3,789	2,185	827	1,189
Household disinfectants, deodorants, etc	do			2,304	2,440	1,448	1,486			289	283	149	148
Baking powder	do	3,890	4,952	4,517	4,177	2,570	2,779	1,568	1,705	1,434	1,269	616	579
Petroleum jelly	do	[1] 8,136	6,976	11,032	11,064	10,199	11,766	1,216	901	923	788	611	669
Tobacco extracts	do		[8] 1,981	1,294	1,294	1,316	1,292		[8] 432	225	219	210	195
Dextrine or British gum	do	[1] 19,329	21,239	17,115	12,671	9,750	14,600	[1] 773	920	780	536	358	486
Rubber compounding agents (accelerators, retarders, etc.)	do				2,192	1,470	1,796				1,157	759	819
Cementing preparations, for repairing, sealing, and adhesive use	1,000 lbs				2,894	2,298	3,224				502	371	430
Textile specialty compounds	do				4,116	5,590	5,896				287	240	219
Water softeners, purifiers, boiler and feedwater compounds	1,000 lbs		[7] 3,092	3,199	2,249	1,610	1,969		[7] 365	416	280	217	255
Metal-working compounds	do		[7] 1,809	1,453	1,041	700	616		[7] 275	248	159	110	80
Polishes—													
Metal and stove polishes	do	[1] 3,018	2,033	1,288	868	741	780	346	305	205	127	106	113
Shoe polishes	do	[1] 5,376	3,016	2,146	1,305	1,083	1,094	[1] 1,260	876	645	406	257	271
Leather dressings and stains	do			1,997	1,823	2,649	3,025			406	362	338	363
Floor wax, wood, and furniture polishes	1,000 lbs	2,887	4,275	1,506	1,314	691	811	665	888	310	241	130	150
Automobile polishes	do			1,435	1,098	788	583			366	299	187	137
Other chemical specialty compounds, n. e. s.									[7] 3,536	4,095	3,454	3,564	3,786
D. Industrial chemicals								24,547	24,502	23,015	19,774	14,958	16,811
Acids and anhydrides—													
Sulphuric	1,000 lbs	10,468	7,235	5,471	3,202	3,031		204	148	114	60	49	
Boric (boracic)	do		[7] 3,797	2,804	4,221	3,352	5,410		[7] 165	125	194	145	218
Other acids and anhydrides	do	[1] 14,268	14,089	12,126	8,250	13,359	13,086	984	820	846	366	432	513
Alcohols—													
Methanol [34]	1,000 gals	788	540	952	583	770	1,119	732	367	483	241	324	478
Glycerin	1,000 lbs	1,963	1,099	608	328	260		325	179	103	48	29	
Other alcohols	do		[7] 2,811	3,358	2,723	2,914	7,011	721	367	441	283	268	637
Acetone	do		[7] 5,500	3,645	3,846	4,404	3,508		[7] 492	342	283	318	255
Formaldehyde (formalin)	do	[1] 2,744	2,670	3,769	2,905	2,103	2,373	320	221	246	163	101	121
Other synthetic organic products	do		[7] 955	1,326	5,536	10,718	12,452		[7] 181	246	698	1,220	1,429
Nitro or aceto cellulose solutions, collodion, etc	1,000 lbs		[7] 1,815	1,828	2,200	2,018	2,526		[7] 509	520	536	373	477
Ammonium compounds (except sulphate and anhydrous ammonia)	1,000 lbs	[1] 5,124	3,201	2,365	1,263	1,123		[1] 934	321	129	111	49	
Aluminum sulphate	do	[1] 33,900	47,086	50,509	55,335	43,099	56,540	[1] 452	549	573	568	463	544
Other aluminum compounds	do		[7] 1,135	2,018	1,749	653	855		[7] 115	195	171	59	70
Calcium compounds—													
Calcium carbide	do	9,482	4,297	3,987	2,834	2,287	2,310	452	184	180	121	93	84
Chlorinated lime or bleaching powder	do	27,467	13,478	2,949	1,721	2,397		508	257	90	59	62	

[1] Average for years 1922–1925. [8] Average for years 1929 and 1930. [7] Average for years 1928–1930. [8] Average for years 1927–1930.
[12] Of 500 pounds. [33] Data prior to 1922 are "cars for railways other than steam." [34] "Wood and denatured alcohol" prior to 1924.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 8.—CHEMICALS, ETC.—Continued												
D. Industrial chemicals—Continued.												
Calcium compounds—Continued.												
Calcium chloride, 1,000 lbs.		[5] 36,775	42,699	48,703	35,494	31,421		[5] 439	514	567	378	312
Citrate of lime, do.				5,044	6,245	8,036				584	464	497
Other, except arsenate and cyanide, do.	22,598	13,626	4,991	1,626	1,177		644	535	558	87	69	
Copper sulphate (blue vitriol), do.	4,050	6,231	5,062	7,191	4,133	2,749	206	326	253	277	115	93
Hydrogen peroxide (or dioxide), do.		[5] 2,078	1,917	1,320	593	575		[5] 344	304	208	88	91
Potassium compounds (not fertilizer), do.	[1] 7,156	3,616	2,512	2,318	1,773	2,550	465	500	499	371	241	302
Sodium compounds, n. e. s., do.	[1] 355,100	500,694	518,243	502,669	410,582	446,151	8,725	10,548	10,627	9,962	7,222	7,739
Bichromate and chromate, do.	[17] 7,299	7,383	4,933	4,407	6,178	9,702	[17] 445	476	327	288	329	436
Cyanide, do.	[1] 3,014	1,552	1,242	1,121	839	434	[1] 368	243	181	161	114	66
Borate (borax), do.	25,979	112,770	165,863	173,876	179,282	175,353	1,176	2,625	3,058	3,359	2,678	2,498
Carbonate (soda ash, sal soda), do.	43,055	68,348	78,946	64,335	33,318	60,836	936	1,269	1,335	984	545	810
Silicate (water glass), do.	31,249	57,977	60,494	58,577	50,343	43,895	305	532	572	523	401	320
Hydroxide (caustic soda), do.	100,872	114,211	126,379	131,189	110,977	121,321	3,400	3,363	3,706	3,465	2,360	2,611
Bicarbonate (acid soda or baking soda), 1,000 lbs.	15,403	19,020	19,818	18,711	14,019	14,936	344	357	370	330	252	246
Sulphate, do.		[5] 6,102	8,872	9,305	2,870			[5] 83	113	76	24	
Other sodium compounds, n. e. s., do.	[1] 112,520	116,991	51,696	41,148	12,756	19,673	2,180	1,650	966	776	519	702
Tin compounds, do.		[7] 604	562	653	582	105		[7] 182	138	127	90	35
Zinc compounds (except oxide), do.		[7] 3,306	3,117	2,022	599			[7] 145	129	88	46	
Gases, compressed and liquefied—												
Ammonia, anhydrous, do.		[7] 2,170	2,272	1,892	999	1,146		[7] 343	339	235	134	149
Chlorine, do.		[7] 6,731	7,532	8,843	6,383	13,418		[7] 249	256	248	161	277
Other gases, n. e. s., do.		[7] 2,662	2,369	2,398	5,178	16,426		[7] 397	399	344	348	412
Other industrial chemicals							9,151	7,199	4,366	2,780	1,618	2,077
E. Pigments, paints, and varnishes							14,765	23,397	21,689	15,127	10,366	11,835
Mineral earth pigments—												
Ocher, umber, sienna, and other forms of iron oxide for paints, 1,000 lbs.	[1] 28,944	39,014	45,132	16,612	6,354	6,718	[1] 925	923	535	272	177	142
Other mineral earth pigments (whiting, barytes, etc.), 1,000 lbs.				16,444	9,083	14,890				157	109	210
Chemical pigments—												
Zinc oxide, 1,000 lbs.	10,517	28,938	21,507	10,262	2,523	1,443	775	1,868	1,447	717	196	122
Lithopone, do.	[1] 2,655	6,239	7,331	7,642	6,425	2,373	[1] 146	321	380	341	270	108
Bone black and lampblack, do.	[1] 33,637	3,434	3,674	2,773	1,182	1,344	3,175	204	187	131	73	90
Carbon black, do.		69,527	84,260	96,714	100,072	152,286		5,815	5,789	5,079	4,436	5,552
Red lead, litharge, and orange minerals [35], do.	2,325	4,522	8,255	6,174	3,972	4,215	236	381	590	385	191	207
White lead, do.	10,832	12,487	13,092	10,017	3,362	2,095	944	973	923	562	174	120
Other chemical pigments, do.	[1] 5,640	5,668	6,062	5,887	4,570	5,467	716	787	864	740	609	769

Bituminous paints, liquid and plastic							[3] 275	612	747	479	267	340
Paste paint—1,000 lbs		[5] 1,721	1,785	4,054	1,625	1,332	6,311	7,961	354	529	255	198
Ready-mixed paints, stains, and enamels—1,000 gals				1,599	1,045	1,202			5,753	3,309	2,015	2,147
Kalsomine or cold-water paints, dry—1,000 lbs		[5] 8,104	8,533	6,359	4,549	4,464		[5] 437	444	333	236	227
Nitrocellulose (pyroxylin) lacquers—												
Thinners for nitrocellulose lacquers—1,000 gals				305	205	318				370	220	281
Pigmented—do			256	333	226	337			862	950	604	813
Clear—do			71	94	79	61			149	198	160	117
Varnishes (oil or spirit, and liquid dryers)—do	890	1,265	774	377	293	353	1,587	2,585	1,442	547	359	391
Paint and varnish removers—do				19	13					28	15	
Paint specialties								[7] 1,320	1,217			
F. Fertilizers and fertilizer materials—tons of 2,240 lbs	1,028,151	1,335,703	1,551,559	1,243,667	846,752	1,027,726	17,472	17,917	15,284	13,011	8,653	8,260
Nitrogenous fertilizer materials—												
Sulphate of ammonia—do	129,026	127,851	81,662	66,902	14,742	14,257	7,924	6,046	2,910	2,220	408	362
Other nitrogenous materials—do	[1] 6,614	15,254	25,552	71,712	175,908	102,505	[1] 338	754	1,159	2,608	4,514	2,367
Phosphate materials—												
Phosphate rock—												
High-grade hard rock—do	117,793	91,103	65,992	105,293	66,009	42,364	2,343	724	447	614	406	295
Land pebble and other—do	616,033	895,778	1,159,730	846,012	547,026	786,695	3,607	4,203	5,183	3,663	2,390	3,249
Superphosphates (acid phosphates)—do	36,938	91,470	111,659	81,587	23,883	35,371	516	1,429	1,595	941	259	334
Potash fertilizer materials—do		[5] 14,542	15,216	28,982	1,816	25,077		[5] 613	643	1,267	70	902
Prepared fertilizer mixtures—do	[1] 24,532	27,508	36,459	5,778	1,608	2,600	[1] 1,187	1,167	1,477	227	58	80
Other fertilizers—do	43,445	80,922	55,289	37,401	15,760	18,857	1,862	3,347	1,869	1,471	548	671
G. Explosives, fuses, etc							3,892	4,072	2,950	1,733	1,281	1,527
Explosives—												
Smokeless powder—1,000 lbs	1,349	854	475	246	181	123	559	704	439	196	132	69
Other gunpowder—do		486	255	267	112			144	87	74	32	
Blasting powder—do	[1] 2,458	2,107	842	748	357		[1] 216	153	69	73	39	
Dynamite—do	14,560	13,840	9,090	5,546	4,607	6,053	2,270	1,964	1,280	754	600	794
Other explosives—do	[1] 1,072	621	627	311	346	709	[1] 224	163	236	80	103	199
Fuses and blasting caps—												
Safety fuses—1,000 lin. ft		92,765	79,875	68,077	51,076	61,685	407	575	485	376	252	298
Blasting caps—1,000 caps		34,508	18,223	8,427	7,214	10,685	[1] 381	368	354	180	123	167
H. Soap and toilet preparations							15,505	15,998	13,970	11,282	6,422	5,436
Soap—												
Medicated—1,000 lbs		[2] 563	563	452	307	326		[2] 358	358	261	189	181
Toilet and fancy—do	[1] 6,768	7,286	5,443	5,062	4,618	5,990	2,784	2,272	1,235	1,020	708	716
Laundry—1,000 lbs	76,213	49,965	37,866	28,820	22,957	14,310	5,821	3,420	2,534	1,756	1,215	621
Powdered or flaked—do		[5] 2,296	2,269	1,703	890	800		[5] 216	202	137	71	64

[1] Average for years 1922–1925.
[2] 1930 only.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[7] Average for years 1926–1930.
[17] 1925 only.
[35] "Red lead" prior to Jan. 1, 1927.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 8.—CHEMICALS, ETC.—Continued												
H. Soap and toilet preparations—Continued												
Soap—Continued												
Scouring soaps and powders, 1,000 lbs.	4,206	7,744	11,788	7,964	3,522	3,688	248	502	829	528	262	279
Shaving soaps (creams, powders, and sticks), 1,000 lbs.		[5] 1,127	1,194	1,282	901	515		[5] 508	480	421	266	184
Other, do.		8,174	3,683	1,971	1,723	811		842	356	178	136	77
Perfumery and toilet waters							[1] 482	371	248	143	99	120
Talcum and other toilet powders							[1] 1,660	1,594	1,484	1,245	647	618
Creams, rouges, and other cosmetics							[1] 1,144	2,078	2,074	1,889	792	768
Dental creams, 1,000 lbs.		3,119	2,751	2,215	1,437	1,268		2,771	2,274	2,080	1,172	1,001
Other dentifrices, do.	[1] 3,374	612	428	346	358	268	[1] 2,712	338	249	164	136	107
Manicuring preparations									541	376	186	180
Dipilatories and deodorants									142	382	71	74
Hair preparations									348	375	326	348
Other toilet preparations							1,854	1,460	618	327	146	97
GROUP 9.—MISCELLANEOUS												
Total							119,338	142,693	136,092	94,717	62,839	56,093
A. Photographic and projection goods							17,802	24,350	29,477	20,139	13,538	12,536
Cameras, thousands	[1] 206	502	504	408	204	222	1,226	2,338	2,202	1,383	901	931
Motion-picture projectors, number	[1] 1,238	3,807	3,794	4,468	1,752	2,277	[1] 302	731	737	557	236	311
Parts of cameras, except lenses							[1] 369	591	424	204	189	174
Motion-picture sound equipment								[2] 7,736	7,736	3,864	1,365	988
Stereopticons, magic lanterns, and other projection apparatus							[1] 202	2,064	752	264	141	153
Projection arc lamps, number		[2] 967	967	367	154			[4] 122	70	24		
Motion-picture films—												
Sensitized, not exposed, 1,000 lin. ft.	55,875	65,253	87,532	108,180	114,211	123,300	1,296	1,507	1,921	2,323	2,197	2,389
Exposed, do.	167,127	246,284	274,351	199,690	160,772	164,537	7,048	7,435	8,119	5,585	4,120	3,580
Negative films, silent, do.	167,127	8,912	4,165	2,251	2,954	3,158	7,048	1,293	348	187	161	142
Negative films, sound, do.			8,191	13,947	11,939	9,882			984	1,230	809	469
Positive films, silent, do.		237,372	83,750	26,944	8,385	3,801		6,143	2,047	630	196	79
Positive films, sound, do.			178,246	156,548	137,494	147,696			4,740	3,538	2,954	2,890
Other sensitized films, not exposed, thousands	[1] 21,867	21,268	20,056	16,852	9,516	9,929	4,144	4,272	4,267	3,549	2,460	2,134
Dry plates, 1,000 doz.	[1] 651	843	761	583	485	710	[1] 430	463	408	293	222	320
Photographic paper, 1,000 lbs.	[1] 1,567	1,965	1,791	1,523	1,430	1,250	[1] 1,477	1,789	1,441	1,161	1,183	1,070
Other photographic apparatus and supplies (including unsensitized picture films)							1,864	1,588	1,347	886	500	484
B. Scientific and professional instruments, apparatus, and supplies							9,584	11,439	11,284	9,388	5,493	4,540

Optical goods—												
Spectacles, eyeglasses, and parts of							[1] 438	1,044	1,084	886	769	658
Lenses, not fitted to instruments—thousands	[1] 2,719	2,762	433	128	46	137	[1] 554	427	115	33	21	34
Other optical goods							1,067	1,292	896	563	296	137
Dental instruments and supplies [36]							614	1,504	1,445	1,132	879	1,090
Teeth—thousands	[1] 12,773	28,339	27,392	31,896	21,267	11,820	607	1,328	1,241	1,922	1,081	614
Dental office equipment							[1] 1,097	779	982	709	135	119
Sterilizers—number		[2] 3,411	3,411	2,309	1,385	1,252		[2] 238	238	258	137	84
Surgical and medical instruments							354	494	433	344	191	137
Surgical appliances, artificial limbs, crutches, trusses, etc							2,469	459	529	569	410	281
Surveying and engineering instruments							[1] 293	405	261	96	41	71
Other scientific, laboratory, and professional instruments and apparatus							2,567	3,659	4,059	2,876	1,533	1,315
C. Musical instruments							10,854	15,941	8,994	3,433	1,393	975
Pianos—												
Player pianos—number	9,252	8,774	908	460	122	439	2,945	2,549	279	73	24	68
Other pianos—do	5,729	3,211	1,616	912	396		1,400	702	311	166	72	
Player-piano actions and parts							238	351	68	10	2	7
Other piano actions and parts							[1] 165	155	63	20	5	
Perforated music rolls—thousands	[1] 516	222	81	22	7		271	105	31	9	4	
Organs—number	1,487	1,379	870	430	205	134	175	327	210	180	68	34
Phonographs—do	62,320	173,636	107,095	29,746	16,354	12,277	2,267	5,318	2,974	616	335	184
Phonograph records—thousands	[1] 3,265	8,361	6,739	3,328	993	1,734	1,630	3,245	2,769	851	258	179
Band instruments—number	[1] 9,577	15,140	9,658	5,456	2,924	3,550	[1] 317	606	410	233	111	116
String instruments—do	[1] 42,368	57,838	35,183	26,201	15,392	18,764	[1] 195	305	208	144	75	81
Other musical instruments, parts, and accessories							1,385	2,278	1,666	1,132	439	305
D. Miscellaneous office supplies							7,118	9,335	8,903	5,805	3,528	3,017
Pencils and pens—												
Refillable pencils and pencil leads [37]							2,045	800	783	477	286	176
Other pencils [38]—1,000 doz		6,171	5,957	3,962	2,171	2,060		1,175	979	608	285	274
Metallic pens except gold—1,000 gross	273	363	312	323	94	86	148	189	187	177	54	52
Fountain pens—doz	37,824	117,379	136,665	77,479	46,794	26,914	575	1,614	1,589	954	607	308
Writing ink							[1] 234	233	192	131	112	109
Printer's and lithographic ink—1,000 lbs	[1] 10,119	10,986	10,043	6,523	4,843	4,916	1,169	1,420	1,365	947	694	708
Other ink—do	[1] 452	642	462	280	199	213	227	259	222	164	112	108
Paste and mucilage—do	[1] 2,679	3,286	2,746	1,740	637	809	307	340	289	169	71	72
Carbon paper—do	[1] 889	1,273	1,246	840	631	547	658	931	902	615	390	349
Typewriter ribbons—dozens		228,439	240,225	192,346	145,420	151,212	530	667	657	522	332	303
Paper clips and binders, penholders, inkstands, and other office supplies							1,272	1,707	1,738	1,041	585	560
E. Toys, athletic and sporting goods							3,560	4,770	4,912	3,275	1,741	1,623
Toys—												
Dolls and parts							214	197	179	125	59	58
Toy wheel goods and parts								[3] 709	499	204	111	85
Mechanical toys							129	203	255	215	55	57
Other toys, except rubber							1,710	1,485	1,247	904	551	654

[1] Average for years 1922–1925.
[2] 1930 only.
[3] Average for years 1929 and 1930.
[8] Average for years 1927–1930.
[36] Except medicinal.
[37] "Refillable pencils" prior to 1925.
[38] "Other pencils and pencil leads" prior to 1925.

No. 490.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 9.—Miscellaneous—Continued												
E. Toys, athletic and sporting goods—Continued.												
Athletic and sporting goods—												
Fishing rods, reels, hooks, bait, and tackle							[1] 294	379	414	373	252	263
Golf, tennis, foot, basket, and baseballs							[1] 162	260	386	170	107	69
Other athletic and sporting goods, except shoes, clothing, and firearms							1,022	1,200	1,379	936	504	312
Amusement-park and playground devices							[2] 301	479	553	348	102	125
F. Firearms and ammunition							5,050	5,509	3,512	2,164	1,668	2,652
Firearms and ordnance—												
Revolvers and pistols—number	[1] 46,045	54,678	27,066	14,192	11,328	14,323	633	931	467	254	198	311
Rifles—do	[1] 91,382	49,095	23,917	17,896	10,174	18,145	1,034	641	335	194	94	154
Shotguns—do		54,556	35,869	17,227	4,815	10,062		471	330	168	52	78
Machine and heavy ordnance guns and carriages—number	[1] 659	688	698	140	416	929	197	235	96	50	224	788
Ammunition—												
Shot shells—1,000 lbs	[2] 3,018	3,087	2,318				[2] 780	814	603	406	178	241
Metallic cartridges [39]—do	5,600	4,042	2,494				2,436	2,004	1,369	374	651	739
Explosive shells and projectiles—do	[1] 481	136	36	2	60	249	150	72	31	1	59	183
Other, including fireworks							288	341	280	217	212	159
G. Books, maps, pictures, and other printed matter							19,856	24,295	23,987	18,177	12,440	11,380
Books and pamphlets								12,202	12,444	5,643	3,730	3,275
Maps and charts								271	385	81	30	34
Music in books and sheets							13,561	335	231	171	183	143
Souvenir post cards								213	203	125	36	
Lithographically printed matter, except post cards and maps								3,191	2,750	2,144	1,374	1,367
Playing cards—1,000 packs	[1] 7,492	6,096	5,188	3,938	2,356	2,146	802	683	563	388	225	225
Other printed matter							[1] 6,866	7,401	7,432	9,625	6,862	6,335
H. Clocks and watches							3,180	3,251	2,216	1,551	799	623
Clocks—												
One-day alarm clocks—thousands	[1] 664	513	267	138	47	87	[1] 823	636	365	180	65	106
Mantel and novelty clocks—do		62	35	22	6	7		241	150	103	19	18
Wall clocks—do		21	12	7	2			132	79	43	9	
Other clocks and parts							1,343	353	294	308	205	166
Watches—do		653	309	130	44			894	419	185	61	60
Without jewels—do		605	293	123	42	56	1,179	460	238	98	30	31
With jewels—do		48	16	7	2	2		433	181	87	31	30
Parts of watches								618	456	210	103	78
Time-recording devices and parts								[3] 473	454	522	337	193
I. Art works—Painting and statuary							902	1,927	2,428	1,470	984	533
J. Miscellaneous, n. e. s							41,432	41,876	40,380	29,313	21,254	18,215
Barber and beauty parlor chairs—number		[1] 2,207	2,207	1,103	463			[1] 187	187	89	34	

Bottle and container closures (all kinds, except cork, glass and rubber stoppers) 1,000 gross	[9] 3,918	3,444	2,730	2,185	1,828	1,886	[9] 814	716	554	435	589	572
Composition roofing—												
Asphalt roofing 1,000 squares		820	543	335	277	429		1,081	688	391	257	361
Asbestos roofing do	[1] 1,028	78	66	27	31	86	1,782	501	393	110	59	150
Other roofing do		109	84	39	17	26		219	132	59	24	28
Billiard tables and accessories							364	367	260	149	79	57
Buttons—												
Pearl or shell 1,000 gross	[1] 500	332	217	96	141	792	177	109	56	27	19	175
Other buttons do	[1] 1,634	1,379	1,134	911	759		560	331	261	187	162	
Lamps and illuminating devices, except electric—												
Incandescent mantles 1,000 doz	[9] 194	243	224	189	144	104	165	191	180	148	115	85
Lanterns thousands		2,579	1,283	631	110	882	3,431	1,759	726	299	61	278
Lamps, other than electric do			263	122	77	148		409	340	144	79	106
Other lighting devices, except glass									411	353	262	229
Matches 1,000 lbs	[1] 1,062	1,000	1,566	825	264	147	215	125	154	103	51	25
Chemical fire extinguishers (hand) number	[1] 45,315	35,239	26,523				335	341	298	364	202	302
Fly paper, traps, and swatters							191	121	116	63	21	22
Synthetic resin sheets, plates and mfrs								[2] 174	174	191	120	214
Pyroxylin products—												
Pyroxylin scrap and film scrap 1,000 lbs					992	1,139					53	80
Pyroxylin plastic film support (plastic film base) 1,000 lbs					3,120	3,332					2,285	2,486
Sheets, rods, tubes do	2,909	3,255	5,330	3,858	360	461	2,998	1,974	2,399	2,154	268	316
Manufactures do		1,151	635	221	127	100		1,266	839	403	199	149
Brushes—												
Toothbrushes doz		[2] 192,891	192,891	159,064	157,178	127,163		[2] 522	522	392	340	279
Toilet brushes do	396,214	239,374	37,937	36,344	13,854	12,450	1,043	615	103	85	41	37
Paint brushes do		63,702	43,650	29,719	16,489	21,605		192	133	80	44	55
Other brushes do		132,596	181,178	99,964	120,815	279,624		295	213	148	87	102
Plates and cuts, electrotype, stereotype, halftone, lithographic, or engraved 1,000 lbs	[1] 330	391	347	320	367	257	385	458	449	377	338	282
Umbrellas and parasols thousands	[1] 121	84	37	18	12	11	194	149	84	45	22	18
Candles 1,000 lbs	1,821	1,067	840	654	424	286	284	240	190	135	79	50
Notions							1,989	1,965	1,523	948	747	679
Refrigerators, except electric number	[1] 10,883	15,795	10,032	5,272	2,082	2,485	380	765	330	163	63	93
Soda-fountain equipment							[9] 209	486	570	331	119	94
Shoe findings—												
Heels and counters, except rubber 1,000 lbs		557	590	748	269	364	1,635	148	147	135	49	61
Other								1,339	1,105	664	359	378
Trunks number	[3] 20,967	29,562	25,877	10,752	4,316	4,315	[3] 400	552	450	166	57	49
Coin-operated scales do		[5] 988	648	350	142			[5] 153	103	36	11	
Coin-operated commodity-vending machines number		[5] 8,814	9,019	6,904	4,309	4,976		[5] 398	414	279	132	220
Other coin-operated machines [40] do		[5] 6,054	6,783	7,066	10,732	20,149		[5] 386	437	382	441	450
Household and personal effects							12,506	14,822	18,980	15,016	10,968	7,738
All other articles							12,147	9,791	6,458	4,262	2,417	1,995

[1] Average for years 1922–1925.
[2] 1930 only.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[9] Average for years 1927–1930.
[9] Average for years 1924 and 1925
[39] "Cartridges loaded" prior to 1924.
[40] Except musical.

No. 491.—GENERAL IMPORTS OF MERCHANDISE BY COMMODITY GROUPS AND ARTICLES

NOTE.—Data are for calendar years. Figures for 1921–1925 and 1926–1930 are annual averages. For a number of items data are not shown separately for all years from 1921–1930, and for this reason many averages for two, three, and four years are shown in the table. However, averages shown for group totals always cover five years. In some cases the detail does not add to the total because of the different periods covered by the data. For 1930 through 1933 a small item, "Articles, ordinarily dutiable, imported free" is not shown separately except in group 9, but is included in the total for each group. For annual averages for 1910–1914, see Statistical Abstract 1930, Table 548

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Total imports of merchandise							3,450,103	4,033,469	3,060,906	2,090,635	1,322,774	1,449,559
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total							89,271	125,084	96,755	61,076	45,028	44,422
A. Animals, edible												
Cattle—1,000 head	177	378	226	85	98	75	5,560	15,372	6,670	1,929	1,525	668
Sheep and goats—head	63,200	25,264	6,295	2,267	1,247	1,114	4,802	13,523	6,564	1,852	1,499	653
Poultry, live							405	200	47	19	7	7
Hogs—1,000 lbs		11,614	19	151	29	6	[1] 351	331	57	47	17	8
								1,320	2	11	2	1
B. Meat products—do	67,805	144,782	94,261	47,145	44,821	62,476	19,291	33,356	25,743	12,286	7,636	9,443
Beef, fresh—do	24,480	29,310	7,203	1,516	770	321	2,696	3,347	808	128	63	24
Veal, fresh—do		5,389	2,310	342	112	57		851	349	31	5	2
Pork, fresh—do	3,131	7,342	1,093	759	1,650	539	579	1,489	264	151	168	58
Mutton, fresh—do	9,540	806	98	50	28	10	1,339	68	9	3	2	(5a)
Lamb, fresh—do		2,082	253	117	49	6		368	34	11	4	1
Other fresh meats—do	2,547	3,928	2,033	1,041	681	579	774	546	318	135	70	47
Poultry, dead—do	[1] 2,494	4,514	1,863	5,575	587	462	[1] 877	1,309	414	1,122	86	90
Poultry, prepared—do		509	468	602	488	298		325	306	271	183	148
Canned meats—do	9,858	51,206	52,488	18,926	22,862	43,025	1,396	6,458	7,160	2,217	1,953	2,813
Beef and veal, pickled or cured—do		19,764	2,101	1,466	814	658		3,534	243	137	57	39
Pork, ham, shoulders, bacon—do			1,979	1,979	3,022	1,699			776	602	615	398
Pork, pickled, salted and other—do			1,583	1,238	1,101	688			661	439	305	216
Other meats, prepared or preserved—do			2,372	544	7	5			336	74	2	1
Sausage casings—												
Sheep, lamb, and goat—do	16,752	19,952	7,830	5,335	4,932	6,200	11,980	15,061	11,447	5,326	3,108	4,788
Other casings—do			10,588	7,656	7,717	7,931			2,616	1,639	1,015	817
C. Animal oils and fats, edible—do		[2] 2,049	1,535	2,273	820	100		[2] 180	109	131	44	4

D. Dairy products							28,114	31,700	22,650	15,763	13,098	10,966
Cream, 1,000 gals.	7,660	3,679	1,585	79	118	26	5,511	5,874	2,620	128	189	32
Milk, do.		4,744	1,837	612	106	47		832	338	100	16	8
Milk, condensed and evaporated, 1,000 lbs.	9,049	2,228	1,611	1,245	1,188	1,118	1,193	193	138	78	61	51
Dried and malted milk, do.		5,777	3,145	1,134	591	561		806	503	238	126	99
Butter, do.	15,175	5,279	2,472	1,882	1,014	1,022	5,645	1,834	802	492	213	161
Cheese, do.	51,888	76,862	68,311	61,991	55,623	48,397	15,764	22,162	18,249	14,727	12,494	10,615
E. Fish, do.	290,538	347,142	346,705	278,803	265,435	288,140	29,274	36,711	35,471	28,308	21,411	22,148
Product of Philippine Islands, do.					355	270					15	8
Fish, fresh or frozen—												
Salmon, do.	8,963	5,603	5,843	5,739	3,030	5,123	981	689	834	597	253	387
Fresh-water fish and eels, do.	[1] 39,340	52,594	50,576	43,911	36,386	40,862	[1] 3,346	5,095	4,625	3,581	2,622	2,860
Cod, haddock, hake, pollock, and cusk, do.	[1] 1,043	863	759	1,237	469	593	[1] 50	46	45	63	19	27
Halibut, do.	11,614	4,705	3,621	4,098	1,449	4,086	1,473	577	437	440	118	320
Mackerel, do.	[1] 5,740	2,019	1,296	1,826	583	508	[1] 394	125	71	90	25	23
Swordfish and sturgeon, do.		[2] 2,748	[2] 2,748	5,242	4,289	4,377		[3] 514	[3] 514	871	421	451
Smelts, do.	[4] 6,819	7,444	5,653	6,640	7,407	6,726	[4] 923	1,040	867	840	816	672
Tuna fish, do.	[5] 7,739	36,554	59,342	7,858	5,038	5,936	[5] 356	1,890	2,802	679	298	233
Sea herring, do.		36,436	28,012	16,157	12,244	25,862		269	179	144	73	148
Other fresh fish, n. e. s., do.	59,525	10,120	6,856	2,558	2,318	2,150	3,550	1,056	677	206	126	103
Fish, dried, unsalted, do.	42,867	36,176	17,908	4,124	3,605	3,062	3,238	3,124	1,755	511	270	295
Fish, in oil, etc.—												
Sardines, do.	25,317	27,633	24,613	29,275	44,202	34,108	4,639	4,908	4,146	3,793	3,652	2,964
Anchovies, do.		[3] 837	[3] 837	1,873	1,768	1,726		[3] 242	[3] 242	554	444	457
Other, do.		5,763	3,688	1,954	7,023	16,330		1,330	802	389	902	2,303
In air-tight containers (not in oil, etc.), do.		[3] 5,552	[3] 5,552	10,928	18,732	17,704		[3] 536	[3] 536	998	1,062	1,072
Pickled or salted—												
Salmon, do.	[1] 2,330	2,329	870	636	270	317	[1] 365	369	120	67	17	32
Cod, haddock, hake, pollock, and cusk, do.		[3] 25,370	[3] 25,370	41,690	39,405	41,011		[3] 1,689	[3] 1,689	2,262	1,627	1,544
Herring, do.	47,709	42,170	40,558	41,479	32,405	30,538	2,701	2,727	2,865	2,571	1,510	1,364
Mackerel, do.	13,792	9,019	6,171	6,757	4,311	4,365	1,129	601	383	314	143	177
Other, do.	25,317	26,382	13,695	1,765	1,414	1,056	2,723	2,319	1,191	152	112	62
Smoked or kippered, do.		[3] 2,409	[3] 2,409	4,409	3,517	3,343		[3] 217	[3] 217	356	237	245
Other prepared, or preserved fish, including pastes and sauces, n. e. s., 1,000 lbs.		[3] 964	[3] 964	528	449	273		[3] 125	[3] 125	81	58	44
Fish, filleted, skinned, boned, etc., do.	[1] 3,305	3,452	3,084	3,010	1,784	2,500	[1] 700	405	383	327	196	261
Caviar and other fish roe, do.		757	675	473	544	364		781	697	359	467	230
Shellfish—												
Crab meat, sauce, and paste, do.	4,937	10,696	12,475	10,261	7,525	9,749	1,956	4,553	5,056	4,004	2,605	2,796
Clams and oysters, in air-tight containers, 1,000 lbs.		[3] 288	[3] 288	1,229	1,560	1,561		[3] 38	[3] 38	192	166	159
Lobsters, not canned, do.	6,770	7,581	9,831	9,984	11,694	10,623	1,363	1,861	2,135	2,171	1,941	1,734
Lobsters, canned, do.	1,738	1,603	1,345	1,703	1,307	1,469	1,035	970	756	820	568	485
Shrimp and other shellfish, do.	[1] 6,244	9,608	10,926	10,907	10,035	11,573	876	1,306	1,240	941	632	678
Crabs and turtles, do.			737	551	316	246			43	34	17	14

[1] Average for years 1923–1925.
[2] Average for years 1928–1930.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[5a] Less than 500.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE—Continued												
F. Other edible animal products							7,034	7,831	6,098	2,641	1,314	1,142
Eggs—												
Eggs of poultry in shell, 1,000 doz	1,097	292	317	309	244	251	313	86	79	56	35	34
Whole eggs, dried, 1,000 lbs	18,763	1,269	1,229	934	20	17	3,726	674	604	293	5	4
Whole eggs, frozen, prepared, etc, do		7,016	2,612	7	2	101		1,167	382	1	(5a)	9
Yolks, dried, do		5,128	6,645	3,964	1,193	2,540		2,085	2,225	834	150	184
Yolks, frozen, prepared, etc, do		3,211	1,685	763	412	345		640	330	77	37	23
Egg albumen, dried, do	6,107	3,199	3,152	1,992	1,458	661	2,429	1,677	1,183	552	586	283
Egg albumen, frozen, prepared, etc, do		1,525	833					210	67			
Meat extract, do	[5] 237	583	574	443	376	359	[5] 222	731	608	363	177	192
Gelatin, edible, do	[1] 3,111	2,522	2,443	1,950	1,582	1,103	[1] 720	561	620	465	324	412
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE												
Total							234,681	337,522	254,305	166,886	80,112	117,752
A. Hides and skins, raw (except furs), 1,000 lbs	429,956	447,460	399,911	271,083	190,240	339,978	93,067	118,003	92,268	50,302	22,493	45,679
Cattle hides, do	229,808	223,274	186,931	92,626	55,667	139,879	33,593	38,803	24,270	7,623	3,132	10,959
Dry or dry salted (over 12 lbs.), 1,000 pieces	1,174	641	221	126	133	202	4,261	3,279	872	340	306	456
Dry or dry salted (over 12 lbs.), 1,000 lbs	24,885	13,928	5,243	3,192	3,604	4,109						
Wet salted (over 25 lbs), 1,000 pieces	3,901	4,139	3,518	1,754	1,047	2,555	29,332	35,524	23,398	7,483	2,826	10,503
Wet salted (over 25 lbs), 1,000 lbs	204,922	209,346	181,688	89,434	52,063	135,770						
India water buffalo (for rawhide), 1,000 pieces		[3] 16	[3] 16	38	20	37						
India water buffalo (for rawhide), 1,000 lbs		[3] 331	[3] 331	930	454	705		[1] 65	[1] 65	158	70	125
Buffalo hides, n. e. s., 1,000 pieces	137	158	62	7	7	10	508	822	296	35	27	32
Buffalo hides, n. e. s., 1,000 lbs	2,736	3,540	1,521	289	261	279						
Kip and calf skins, do	44,416	45,520	36,848	39,538	31,014	44,732	10,560	13,223	8,912	6,056	2,737	6,244
Kip skins—												
Dry and dry salted (6 to 12 lbs.), 1,000 pieces	[1] 410	167	32	38	21	74	[1] 703	467	65	39	11	74
Dry and dry salted (6 to 12 lbs.), 1,000 lbs	[1] 3,962	1,584	285	316	153	645						
Wet salted (12 to 25 lbs.), 1,000 pieces	[1] 377	412	374	596	619	842	[1] 1,268	1,454	1,088	1,058	728	1,436
Wet salted (12 to 25 lbs.), 1,000 lbs	[1] 6,337	6,593	5,915	9,464	9,396	12,241						
Calfskins—												
Dry and dry salted (less than 6 lbs.), 1,000 pieces	2,858	2,512	1,437	1,246	1,011	2,112	3,410	3,314	1,603	851	369	1,163
Dry and dry salted (less than 6 lbs.), 1,000 lbs	11,798	6,691	3,613	2,883	2,331	5,541						
Wet salted (less than 12 lbs.), 1,000 pieces	3,017	4,079	3,751	3,443	2,368	3,266	5,568	7,989	6,156	4,108	1,629	3,571
Wet salted (less than 12 lbs.), 1,000 lbs	24,401	30,651	27,035	26,875	19,134	26,305						
Horse, colt, and ass hides, do	11,433	13,423	15,193	8,505	8,529	11,761	1,245	1,620	1,266	511	325	520
Dry and dry salted, 1,000 pieces	301	171	46	64	44	60	654	508	121	117	46	47
Dry and dry salted, 1,000 lbs	4,487	2,920	1,040	1,344	936	1,190						

Wet salted	1,000 pieces	173	267	326	176	161	243	592	1,112	1,145	394	279	473
	1,000 lbs	6,586	10,503	14,153	7,161	7,593	10,571						
Sheep and lamb skins	do	61,246	59,898	54,348	41,666	33,465	51,536	15,220	18,389	14,369	6,865	3,649	6,936
Wooled, dry and green	1,000 pieces	[1] 5,448	3,056	2,500	1,751	768	1,528	[1] 4,374	2,883	1,797	629	127	666
	1,000 lbs	[1] 16,396	11,946	10,818	7,729	3,407	6,003						
Slats, dry, no wool	1,000 pieces	[1] 20,653	8,355	5,856	5,126	4,246	6,084	[1] 14,206	6,714	4,674	2,948	1,691	2,800
	1,000 lbs	[1] 47,075	18,675	13,173	11,409	8,878	13,898						
Pickled skins	1,000 pieces	698	12,382	12,933	9,446	9,909	14,327	447	8,792	7,898	3,288	1,831	3,470
	1,000 lbs	1,798	29,277	30,357	22,523	21,180	31,635						
Goat and kid skins	do	72,760	90,669	93,524	76,199	51,452	79,345	29,629	40,382	38,099	24,116	10,301	16,647
Dry and dry salted	1,000 pieces	39,456	49,024	49,298	44,744	32,623	48,000	26,752	36,310	33,922	21,974	9,774	15,753
	1,000 lbs	60,186	74,702	75,721	64,402	45,589	71,299						
Green or pickled	1,000 pieces	3,823	5,225	5,836	4,120	1,911	2,767	2,877	4,072	4,177	2,142	527	894
	1,000 lbs	12,575	15,967	17,803	11,797	5,863	8,046						
Kangaroo and wallaby	1,000 pieces	769	751	791	788	534	981	726	654	600	394	208	506
	1,000 lbs	863	864	888	813	573	1,004						
Deer and elk	1,000 pieces		943	858	915	660	846		749	563	499	362	396
	1,000 lbs		2,448	2,137	2,018	1,605	1,973						
Reptile skins, raw	do		[6] 2,235	2,571	2,536	1,183	1,449		[6] 2,643	2,305	2,292	755	1,697
Other hides and skins	do	6,693	6,863	5,619	5,962	6,036	7,314	1,586	2,290	1,523	1,555	926	1,617
B. Leather								15,261	35,517	23,728	10,595	6,847	9,786
Sole leather	1,000 lbs	4,850	7,790	5,719	775	632	1,206	1,769	2,928	2,099	289	202	339
Leather cut into soles, blocks, etc.[8]	do				423	76	248	[1] 530	536	404	211	16	55
Belting leather and welting	do		[3] 628	[3] 628	978	1,692	1,869		[3] 314	[3] 314	467	417	750
Harness leather	do	[7] 1,069	1,492	1,267	475	16	13	[7] 426	633	478	166	12	8
Cattle grains and finished splits	1,000 sq. ft.		[6] 4,018	3,689	2,711	1,389	2,341	[1] 236	965	660	484	156	220
Patent	do	[1] 3,131	4,711	1,567	259	230	233	770	1,710	403	62	46	35
Calf and kip—													
Whole calf and kip, upper and lining	do	[1] 11,991	49,986	41,896	10,284	11,748	11,449	2,895	12,483	9,392	2,891	2,208	2,257
Side calf and kip, upper and lining	do				15,215	14,653	18,618				1,990	1,232	1,669
Leather cut into shoe uppers, vamps, etc.	1,000 lbs		[3] 1	[3] 1	2				[3] 2	[3] 2	2		
Upholstery, bag, case, garment, and ball leather									[3] 273	[3] 273	470	268	1,237
Other bovine leather	1,000 lbs				89	448			[3] 71	[3] 71	62	32	84
Sheep and lamb	1,000 sq. ft.	[1] 3,962	2,351	1,196	1,102	631	1,332	382	459	262	235	104	240
Goat and kid	do	[1] 1,496	8,814	6,631	3,784	4,240	5,850	472	4,076	2,704	1,325	1,082	1,407
Reptilian and shark skin leather	1,000 pieces				931	838	864		[6] 3,012	1,677	793	316	296
Glove leather, seal leather, skivers, chamois skins, etc.								1,073	1,552	1,006	652	322	503
Rough tanned leather	1,000 lbs		11,179	5,947	337	126	346	2,427	6,247	3,073	236	57	193
Leather (other than bovine) for manufacture of footwear	1,000 lbs		[3] 13	[3] 13	19	21	42		[3] 9	[3] 9	18	19	39
Grained, embossed, etc., or fancy leather	1,000 sq. ft.		[3] 1,053	[3] 1,053	648	1,028	1,171		[3] 362	[3] 362	242	359	454
All other leather								4,672	2,518	541			

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[5] Average for years 1924 and 1925.
[5a] Less than 500.
[6] Average for years 1929 and 1930.
[7] Average for years 1922–1925.
[8] Leather cut into shoe parts prior to June 18, 1930.

No. 491.—General Imports of Merchandise, by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE—Continued												
C. Leather manufactures							12,773	27,450	31,169	22,108	9,809	8,425
Boots and shoes (all leather)—1,000 prs.	429	3,004	3,674	3,391	1,442	2,047	1,399	8,796	10,120	6,229	2,099	2,124
Slippers and moccasins—do	[1] 472	597	539	300	39	40	[1] 238	795	793	297	13	13
Footwear with textile uppers—do	[1] 1,123	1,167	1,487	2,234	4,863	2,192	[1] 421	324	349	493	644	253
Gloves—do	8,288	12,735	14,499	12,567	7,344	6,060	8,395	12,467	15,195	12,273	5,392	4,955
Women's and children's—do	8,153	12,638	14,433	12,529	7,331	6,043	8,204	12,328	15,097	12,215	5,374	4,934
Men's—do	135	98	66	38	13	17	191	139	98	58	18	21
Bags, baskets, belts, boxes, cases, etc								3,330	3,570	2,033	1,143	640
All other leather manufactures							2,583	1,737	1,140	783	517	439
D. Furs and manufactures							80,552	114,785	68,686	55,860	28,495	38,109
Furs, undressed							72,179	101,071	57,645	47,950	25,137	33,332
Badger—1,000 pieces		[3] 52	[3] 52	175	162	132		[3] 225	[3] 225	656	638	267
Caracal—do		[2] 196	165	216	36	24		[2] 309	190	275	47	97
Ermine—do		[2] 780	830	816	555	671		[2] 1,651	1,198	927	436	572
Fitch—do		[2] 1,197	1,050	1,168	1,407	1,108		[2] 4,231	2,549	2,368	1,446	1,139
Guanaquito—do		[2] 261	216	177	341	242		[2] 738	287	168	295	193
Kolinski—do		[2] 524	409	635	771	736		[2] 1,738	820	840	866	780
Marmot—do		[2] 1,748	639	887	814	841		[2] 2,962	753	598	465	500
Weasel—do		[2] 1,513	1,456	1,666	1,585	1,722		[2] 2,385	1,452	1,319	1,170	1,014
Monkey—do		[2] 202	66	11	19	101		[2] 430	65	6	5	44
Otter—do		[2] 30	14	22	17	40		[2] 352	147	136	73	155
Opossum—do		[2] 508	341	722	119	182		[2] 575	285	379	75	140
Hare [9]—1,000 lbs.	[10] 1,410	1,813	1,191	969	621	992	[10] 1,566	2,595	1,186	548	178	315
Beaver—1,000 pieces	[1] 180	100	56	77	65	67	[1] 3,497	2,538	1,217	1,103	628	685
Fox, other than silver or black—do	[1] 1,948	1,525	1,140	1,228	1,012	882	[1] 13,444	14,256	11,420	7,778	4,664	4,360
Coney and rabbit [9]—1,000 lbs.	[1] 8,679	19,040	16,888	17,241	13,217	20,443	[1] 16,731	20,171	10,255	7,493	2,967	6,485
Marten—1,000 pieces	[1] 304	153	70	85	107	48	[1] 4,192	2,707	1,219	958	847	440
Mink—do	[1] 528	711	491	845	1,039	1,062	[1] 2,127	3,105	1,588	1,733	1,565	2,093
Mole—do	[1] 4,676	4,315	1,152	1,917	1,290	1,243	[1] 746	528	107	148	70	82
Muskrat—do	[1] 2,215	1,056	614	1,067	278	1,499	[1] 2,543	1,573	519	851	169	973
Squirrel—do	[1] 17,115	10,021	8,332	5,574	6,536	7,451	[1] 14,667	8,483	3,543	2,208	1,714	2,229
Nutria—do		91	11	27	35	78		443	78	105	77	217
Pony—do		[2] 156	222	172	88	108		[2] 551	688	528	284	479
Raccoon—do		[3] 21	[3] 21	109	70	66		[3] 90	[3] 90	480	230	194
Sable—do		[3] 5	[3] 5	21	6	21		[3] 299	[3] 290	557	141	580
Skunk—do		[2] 162	100	72	118	268		[2] 334	163	90	92	177
Wolf—do		[2] 153	155	105	56	77		[2] 2,191	1,575	858	333	449
Lamb, kid, sheep, and goat skin furs—do		[2] 8,498	7,217	9,162	4,482	7,218		[2] 16,169	12,079	12,934	4,604	7,639
Other furs, undressed							[1] 28,741	23,792	3,656	1,905	1,061	1,034
Furs dressed on the skin, not advanced beyond dyeing							2,743	6,490	7,346	5,125	2,278	2,724

Coney and rabbit 1,000 pieces		[2] 2,641	1,301	958	639	1,343		[2] 1,240	633	327	132	300
Silver or black fox, dressed or undressed 1,000 pieces		[2] 2	2	3	8	3		[2] 160	150	89	218	101
Lamb and sheep do		[2] 303	344	268	50	94		[2] 1,073	1,181	868	161	170
Dog, goat, and kid 1,000 pieces		[2] 2,131	2,315	2,832	1,957	1,850		[2] 5,596	4,795	3,336	1,479	1,400
Other dressed furs								[2] 751	586	505	288	753
Manufactures of fur—												
Cut fur for hatters' use, including fur skins carroted 1,000 lbs	[1] 407	146	15	28	3	1	[1] 648	315	26	27	4	1
Plates and mats of dog and goat skins 1,000 pieces	[1] 1,781	868	281	331	145	480	[1] 4,432	2,471	1,004	1,040	353	1,255
Fur hats—												
For men and boys thousands	287	1,196	285	190	101	107	712	2,636	761	444	203	232
For women and girls do			583	347	424	186			1,056	446	289	156
All other							1,869	1,862	849	829	229	409
E. Animal oils, fats, and greases, inedible							5,060	10,884	11,029	10,704	2,376	2,888
Whale oil 1,000 gals	[1] 5,483	8,020	9,955	18,626	96	697	[1] 2,970	3,689	4,054	7,683	29	149
Cod oil do	2,432	4,577	2,051	1,794	3,286	2,115	1,322	3,221	918	610	920	450
Cod-liver oil do			2,895	1,737	1,248	3,433			2,229	1,312	804	1,711
Other fish oil do	[1] 765	5,218	7,373	3,153	1,565	218	[1] 272	1,851	2,583	440	143	56
Wool grease 1,000 lbs	[5] 11,322	10,387	7,913	4,792	3,992	4,416	[5] 359	380	271	148	113	138
Tallow do		[2] 10,629	624	1,672	502	239	362	1,043	39	49	11	7
Stearic acid do				6,318	6,322	5,277				374	306	323
Grease and oils n. e. s							1,286	701	934	88	49	54
F. Other inedible animals and animal products							27,970	30,874	27,397	17,280	10,066	12,827
Animals, inedible—												
Horses—												
For breeding number	2,740	500	430	280	166	196	1,015	1,134	899	492	146	180
Other do	[1] 450	2,678	2,753	1,662	2,209	2,929		618	612	342	244	354
Cattle for breeding 1,000 head	[10] 3	10	8	10	8	5	[10] 455	1,152	963	892	665	390
Birds, n. e. s thousands		664	659	656	306	245	[1] 636	1,097	935	717	362	225
Foxes, silver number		1,665	316	580	212	115		336	55	45	10	4
Other animals							1,995	761	619	522	338	315
Bones, hoofs, and horns—												
Unmanufactured 1,000 lbs	89,028	129,256	115,833	88,477	87,465	91,243	1,204	1,774	1,692	898	713	791
Manufactures							603	96	120	58	40	57
Bristles, sorted, bunched, or prepared 1,000 lbs	4,655	5,212	4,486	4,245	3,486	5,187	7,576	6,967	5,282	3,173	2,313	4,027
Feathers—												
Crude do	3,796	3,361	2,848	2,789	1,558	2,746	2,614	2,043	1,516	1,318	551	630
Advanced							1,204	219	165	217	87	48
Glue stock, hide cuttings, etc 1,000 lbs	29,242	49,743	52,553	31,794	14,454	14,310	1,284	2,384	3,056	1,603	572	502
Gelatin, inedible, and manufactures							1,001	1,301	1,460	612	353	258
Glue and glue size, and manufactures							606	939	1,247	767	486	652
Casein or lactarene 1,000 lbs	17,421	25,045	18,500	3,503	1,201	8,142	1,916	2,979	1,920	143	38	445
Ivory tusks in natural state do	349	189	61	40	12	11	1,115	608	170	119	33	23
Shells, unmanufactured—												
Mother-of-pearl do	5,666	7,129	6,636	4,438	3,975	4,905	1,556	2,075	2,168	1,299	909	1,131
All other do	1,263	4,713	3,375	2,834	4,904	4,598	248	229	120	85	31	55

[1] Average for years 1923–25.
[2] Average for years 1928–30.
[3] June 18 to Dec. 31, 1930.
[5] Average for years 1924 and 1925.
[9] "Coney and rabbit" includes "hare" prior to 1925.
[10] 1925 only.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE—Continued												
F. Other inedible animals and animal products—Continued.												
Sponges and manufactures, 1000 lbs.	[1] 1,431	993	773	616	380	465	837	1,115	907	715	380	375
Beeswax and other animal wax, do.	3,180	4,727	4,312	3,680	3,451	3,811	751	1,471	1,061	779	468	566
Tankage, tons of 2,240 lbs.				22,476	21,130	25,017				477	311	542
Fish scrap and fish meal, do.					21,805	26,526					531	689
Other inedible animal products							1,700	1,576	2,429	2,007	484	567
GROUP 1.—VEGETABLE FOOD PRODUCTS AND BEVERAGES												
Total							738,855	778,693	596,706	465,999	361,863	372,760
A. Grains and preparations							32,611	24,487	24,085	13,328	7,661	13,559
Corn, 1,000 bus. of 56 lbs.	1,135	1,808	1,556	618	344	160	1,062	1,452	1,000	328	166	77
Oats, 1,000 bus. of 32 lbs.	2,465	205	183	576	59	132	1,147	102	59	92	23	47
Rice—												
Uncleaned, 1,000 lbs.	12,357	10,766	2,885	5,957	1,398	2,376	614	454	111	133	29	52
Cleaned (except patna), do.	50,052	42,402	23,229	24,713	16,286	17,843	1,823	1,837	841	725	418	495
Patna rice for use in canned foods, do.		2,168	2,254	1,644	841	1,040		134	116	68	31	30
Flour, meal, etc., do.	1,586	2,761	1,022	589	549	8,918	79	95	48	31	18	126
Wheat, 1,000 bus. of 60 lbs.	18,973	15,858	19,969	15,691	10,026	10,318	23,204	18,574	19,548	10,035	5,362	5,766
Wheat flour, 1,000 lbs.	78,573	970	359	59	46	167	2,688	37	16	2	1	3
Biscuits, wafers, cakes, etc.							284	643	687	411	260	240
Macaroni, vermicelli, noodles, etc., 1,000 lbs.	3,785	3,561	2,777	2,459	2,225	1,648	280	319	232	184	152	113
Bread, yeast-leavened, do.	[5] 2,138	2,495	2,677	2,762	2,735	2,500	[5] 271	344	389	353	252	219
All other							1,321	496	1,037	966	949	6,390
B. Fodders and feeds							7,990	14,796	16,995	6,462	2,270	4,187
Hay, tons of 2,000 lbs.	133,801	133,347	104,304	67,440	13,858	7,376	1,503	1,253	897	567	96	53
Oil cake and oil-cake meal—												
Bean (soy and other), 1,000 lbs.		95,822	113,626	39,620	36,569	66,702		1,901	2,068	439	342	587
Coconut or copra, do.		34,570	37,143	15,084	10,758	21,195		459	425	122	77	132
Cottonseed, do.	112,848	[6] 32,923	22,075	1,533	979	7,004	1,877	[6] 441	304	9	5	38
Linseed, do.		[6] 60,486	51,687	18,808	22,388	24,950		[6] 1,370	1,070	205	211	190
All other, do.		60,679	23,244	4,932	4,664	4,662		1,084	320	48	40	37
Bran, shorts, and other by-product feeds of wheat, 1,000 tons of 2,240 lbs.	[1] 204	261	386	243	79	198	[1] 4,689	6,604	8,070	3,213	948	2,641
Of direct importation, do.		145	252	127	20	114		3,405	4,800	1,707	249	1,606
Withdrawn from bonded mills, do.		116	134	116	59	84		3,199	3,269	1,506	699	1,035
Beet pulp, dried, tons of 2,240 lbs.	[1] 31,184	37,154	73,941	40,690	10,128	6,866	[1] 964	1,076	1,839	631	140	96
Other fodders and feeds							1,218	1,694	2,001	1,228	411	414

C. Vegetables and preparations							26,272	40,677	36,809	22,977	16,655	15,448
Beans—												
Green or in brine	1,000 lbs.	[3] 1,845	[3] 1,845	5,810	7,322	5,625		[3] 68	[3] 68	194	249	164
Dried	do	74,793	105,000	115,214	58,028	9,465	16,825	3,005	4,767	5,347	1,702	251	536
Peas—												
Green	do		[3] 1,864	[3] 1,864	21,074	16,628	10,034		[3] 98	[3] 98	1,090	840	468
Dried	do	30,125	16,009	12,832	6,436	8,372	11,265	1,244	639	481	225	254	357
Split	do		3,928	9,572	199	2,480	2,345		149	303	4	45	71
Lentils	do	[5] 8,064	8,908	8,458	7,932	8,624	9,955	[5] 499	524	411	256	296	335
Chick peas or garbanzos	do	[5] 40,640	51,545	50,424	11,717	13,118	14,309	[5] 2,255	2,846	2,561	505	492	439
Mushrooms [11]	do	5,491	6,941	4,207	1,065	339	378	1,745	1,935	1,540	537	146	169
Potatoes, white or Irish	do	88,913	288,551	303,589	274,013	43,615	70,803	1,650	5,217	5,063	3,126	393	1,016
Garlic	do	6,820	4,491	4,696	5,657	6,568	6,398	341	247	284	210	188	190
Turnips	do	[1] 140,654	123,193	118,733	92,838	95,343	96,667	[1] 636	776	879	482	420	656
Tomatoes, natural state	do	[5] 64,538	119,337	144,443	103,556	119,140	58,134	[5] 2,162	3,860	4,432	3,253	3,589	1,554
Onions	do	104,149	89,177	27,595	7,684	33,240	3,596	2,179	1,800	485	130	566	48
Other vegetables, fresh, n. e. s.								2,810	3,410	3,724	1,125	984	575
Farinaceous substances—													
Arrowroot, cassava, sago, and tapioca	1,000 lbs.	92,996	139,624	114,436	151,545	141,385	205,295	3,492	3,740	3,370	3,244	2,065	3,115
Vegetables, canned—													
Peas	do	[1] 1,689	1,333	728	397	1,049	232	[1] 188	140	79	38	56	21
Mushrooms	do		[3] 1,340	[3] 1,340	2,689	1,939	1,423		[3] 365	[3] 365	741	465	361
Tomatoes	do	[1] 56,926	101,580	61,846	79,144	90,428	76,280	[1] 2,817	5,266	2,738	2,695	2,894	2,806
Other	do	[1] 6,721	8,253	3,918	691	283	217	[1] 635	823	377	44	12	9
Vegetables, prepared or preserved—													
Pickles	do	[1] 11,078	2,549	6,994			3,930	1,329	155	283			193
Sauces	do		12,479	12,670	11,234	11,686	11,232		896	793	574	427	364
Tomato paste	do	[5] 15,154	13,719	12,488	13,611	10,760	10,735	[5] 1,382	1,374	1,079	1,067	748	734
Pimientos	do	[5] 2,364	4,391	3,787	3,115	2,900	2,486	[5] 272	473	309	226	158	175
Beancake, miso, and similar products	do	[5] 1,209	949	847	761	960	1,412	[5] 84	74	59	42	35	48
Other	do		8,841	9,582	9,960	8,857	6,299	1,850	603	670	685	466	355
Other edible substances								1,400	808	1,013	783	619	688
D. Fruits and nuts								75,499	84,868	75,496	60,008	44,270	37,388
Fruits								46,031	56,189	55,143	42,136	34,336	28,859
Plantains									[3] 145	[3] 145	159	167	149
Bananas	1,000 bunches	47,057	61,887	62,731	55,854	49,457	39,613	22,007	34,435	34,794	29,427	24,701	20,205
Grapefruit	1,000 lbs.	[1] 14,810	9,105	12,043	8,957	7,101	2,267	530	243	302	208	165	44
Lemons	do	[7] 100,041	66,322	78,146	20,059	7,714	8,534	2,006	1,854	2,080	560	209	198
Limes [12]	do	[5] 5,264	4,979	5,510	5,718	4,187	3,278	189	138	195	212	131	95
Olives—													
In brine	1,000 gals.	[1] 6,266	6,986	6,255	3,673	4,315	3,100	3,888	4,719	2,378	1,432	1,328	1,097
Pitted or stuffed	do			3,536	2,260	2,510	2,234			2,431	1,327	1,301	1,346
Pineapples, natural state								2,487	2,131	2,475	1,958	917	638
Pineapples, prepared or preserved	1,000 lbs.	[5] 3,538	3,879	7,386	7,531	8,424	6,549	[5] 299	360	678	574	447	281
Apples	1,000 bus. of 50 lbs.	[1] 105	151	157	36	54	7	[1] 211	284	310	54	100	7
Berries, natural or in brine	1,000 lbs.	[1] 4,944	6,878	7,649	3,455	2,797	4,025	[1] 430	582	568	238	189	206
Cherries, natural, sulphured, or in brine	1,000 lbs.	[5] 4,806	12,378	7,161	7,099	3,886	1,341	[5] 415	1,670	892	707	281	83
Cherries, dried, prepared, preserved	do	[5] 7,925	5,009	1,158	496	110	47	[5] 736	584	129	44	14	7

[1] Average for years 1923–1925. [3] June 18 to Dec. 31, 1930. [5] Average for years 1924 and 1925. [6] Average for years 1929 and 1930.
[7] Average for years 1922–1925. [11] Mushrooms and truffles prior to 1924. [12] Limes and oranges prior to 1926.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
D. Fruits and nuts—Continued.												
Fruits—Continued.												
Olives, dried and other, n.e.s.....1,000 lbs	----------	[3] 709	[3] 709	310	477	230	----------	[3] 63	[3] 63	26	39	14
Grapes.....1,000 cu. ft	637	139	222	232	248	260	1,091	438	944	500	466	359
Currants.....1,000 lbs	26,021	10,890	8,716	6,426	7,217	6,043	2,046	772	507	393	373	352
Dates.....do	57,237	48,514	41,906	44,039	44,967	47,493	2,712	2,335	1,886	1,706	1,523	1,801
Figs.....do	38,978	30,433	15,755	9,088	5,967	5,857	2,619	2,173	1,194	657	365	394
Raisins and other dried grapes.....do	11,887	2,638	1,834	1,903	1,325	1,108	1,270	302	181	186	109	122
Citron or citron peel.....do	[5] 3,476	4,318	4,347	3,169	3,327	4,281	[5] 720	584	551	235	245	250
Ginger root, prepared or preserved.....do	[5] 792	1,080	1,240	965	874	1,005	[5] 123	132	121	66	48	51
Jellies, jams, marmalades, and fruit butter .....1,000 lbs	[5] 2,881	3,650	3,487	2,949	2,730	2,810	[5] 458	500	429	347	246	290
Other fruits, natural, prepared, or preserved .....1,000 lbs	----------	36,831	42,400	30,851	30,795	----------	3,699	1,912	1,889	1,119	971	871
Nuts	----------	----------	----------	----------	----------	----------	29,488	28,680	20,353	17,872	9,935	8,529
Chestnuts, including marrons.....1,000 lbs	24,435	13,704	18,673	19,511	15,421	13,236	1,034	940	887	939	553	492
Coconuts, in the shell.....thousands	69,091	65,289	62,262	59,505	50,153	54,914	1,802	1,544	1,258	1,013	770	786
Almonds—												
Shelled.....1,000 lbs	21,770	17,537	14,693	13,147	5,684	3,537	6,167	6,090	3,967	2,883	1,029	713
Not shelled.....do	4,030	1,751	228	11	144	6	437	240	17	2	8	([5a])
Brazil and cream—												
Shelled.....do	38,751	29,688	2,767	6,851	6,660	5,913	2,208	2,815	790	1,222	829	658
Not shelled.....do			13,718	27,705	20,229	19,609			1,263	1,177	675	727
Coconut meat, desiccated or prepared—												
Product of the Philippine Islands...do	[7] 12,496	39,604	45,343	37,133	36,303	39,694	[7] 1,212	3,280	3,277	1,936	1,595	1,655
Other.....do	32,140	14,571	5,234	4,163	1,167	1,499	2,491	1,170	305	179	39	66
Filberts—												
Shelled.....do	5,419	5,639	4,659	3,768	2,804	2,414	972	1,155	1,064	662	300	299
Not shelled.....do	12,916	9,108	5,348	6,751	5,902	2,850	1,186	1,056	513	565	265	250
Walnuts—												
Shelled.....do	18,148	18,604	17,609	16,836	9,250	4,954	5,410	5,072	4,066	3,686	1,402	699
Not shelled.....do	27,331	12,839	3,630	5,001	3,087	8	3,284	1,557	390	417	210	1
Peanuts—												
Product of the Philippine Islands...do	----------	[13] 865	865	921	23	1	----------	[13] 54	54	51	1	([5a])
Shelled.....do	44,233	33,629	4,258	5,308	36	114	2,072	1,627	162	140	1	2
Not shelled.....do	5,397	6,009	3,218	4,277	473	180	245	252	107	115	10	4
Pecans.....do	[5] 1,858	530	408	187	6	287	[5] 172	65	37	57	1	51
Pignolia.....do	[5] 647	579	401	511	337	278	[5] 148	189	95	95	66	60
Pistache.....do	[5] 1,146	1,285	1,007	1,495	2,119	2,329	[5] 480	489	397	427	421	439
Cashew.....do	----------	[3] 4,079	[3] 4,079	10,525	9,799	11,691	----------	[3] 856	[3] 856	2,095	1,612	1,442
Other edible nuts, n. e. s.....do	----------	4,275	4,094	1,188	979	909	869	955	846	210	146	186
E. Vegetable oils and fats, edible.....do	79,910	94,569	120,131	134,922	98,684	108,425	13,901	15,565	12,829	11,216	7,687	7,806
Cacao butter.....do	2,585	116	239	10	16	8	603	26	29	3	3	2

Olive oil, edible	do	70,941	85,247	92,964	70,394	74,274	71,964	12,684	14,812	11,221	8,253	6,975	6,649
In packages weighing less than 40 pounds	1,000 lbs	[5] 48,887	51,318	53,734	35,432	36,102	34,412	[5] 8,122	9,024	6,863	4,353	3,656	3,363
Other	do	[5] 34,420	33,929	39,230	34,962	38,172	37,552	[5] 5,998	5,787	4,358	3,900	3,319	3,286
Sunflower seed oil	do					16,457	23,849					411	748
Peanut oil	do	6,384	6,935	15,565	14,886	1,489	1,318	614	602	949	645	90	81
Other edible oils	do		[3] 11,362	[3] 11,362	49,632	6,448	9,286		[3] 630	[3] 630	2,315	207	327
F. Cocoa, coffee, and tea								263,109	355,795	264,231	217,514	169,360	156,952
Cocoa or cacao beans	1,000 lbs	364,848	422,263	373,233	415,977	479,562	474,196	31,329	45,497	31,219	23,193	19,676	18,735
Cocoa, prepared	do	3,059	3,987	3,441	3,524	3,561	4,419	690	565	494	456	338	320
Chocolate, prepared	do		3,089	1,646	759	367	236		982	501	204	79	52
Coffee	do	1,340,272	1,492,950	1,599,317	1,741,536	1,501,126	1,586,254	205,792	281,707	209,472	174,904	136,812	124,137
Extracts of, and substitutes for coffee	do	[14] 661						[14] 23					
Tea	do	94,491	89,844	84,926	86,733	94,727	96,582	25,284	27,045	22,595	18,757	12,455	13,707
G. Spices	do	94,849	90,113	84,485	89,877	86,668	98,246	13,742	17,577	14,247	10,599	7,326	7,984
Paprika, ground	do	[10] 4,143	5,125	5,355	4,401	4,581	5,787	[10] 671	957	766	573	492	682
Celery seed	do	[5] 738	856	783	970	870	738	[5] 194	138	116	140	158	231
Cinnamon and chips of, unground	do	[5] 1,485	922	881	770	876	896	[5] 349	349	148	77	68	64
Cummin seed	do	[5] 1,560	820	281				[5] 221	74	34			
Caraway seed	do	[5] 5,090	4,753	5,644	5,805	5,465	8,117	[5] 482	351	379	302	276	545
Cardamon seed	do	[5] 150	203	222	244	131	213	[5] 182	198	181	137	65	103
Capsicum or red or cayenne and chili pepper, unground	1,000 lbs	4,085	2,274	1,657	1,160	1,116	1,378	495	315	158	86	88	97
Cassia and cassia vera	do	8,334	8,720	8,507	7,616	7,550	10,000	509	642	569	451	468	545
Cloves, unground	do	5,994	4,862	3,798	3,942	4,496	3,724	1,221	923	748	684	459	340
Ginger root, unground, not prepared	do	5,015	3,878	3,464	5,059	2,951	3,622	585	335	313	282	120	139
Mustard—													
Seed, unground	do	12,705	16,922	11,828	10,935	10,224	12,054	619	930	576	445	395	461
Ground or prepared	do	1,501	1,725	1,604	1,447	1,034	1,255	838	967	915	767	420	622
Nutmegs, unground	do	4,021	4,122	3,914	4,550	4,278	4,461	753	873	543	422	301	316
Mace, unground	do	[5] 691	734	683	624	730	728	[5] 411	452	340	188	156	185
Pepper, unground—													
Black	do	33,316	22,894	25,600	28,459	28,226	30,362	2,898	5,540	4,743	3,002	2,426	1,954
White	do		4,117	4,961	5,118	5,668	4,320		1,517	1,337	798	590	441
Pimento (allspice), ground	do	[5] 3,298	2,300	2,140	2,908	2,397	2,223	[5] 180	351	284	158	80	88
Tonka beans	do		[6] 328	94	650	355	126		[6] 284	72	533	293	127
Vanilla beans	do	983	1,245	1,232	1,505	1,199	1,486	3,331	2,147	1,811	1,342	825	795
Other spices	do	12,861	3,508	1,837	3,514	4,521	6,756	1,552	404	212	212	149	247
H. Sugar and related products								303,517	223,198	150,537	122,613	105,025	114,311
Sugar cane, natural	1,000 tons of 2,000 lbs		[2] 240	237	10	284	214		[2] 340	827	22	610	352
Beet sugar	1,000 lbs	831	354	908	4,860	1,102	9	30	12	29	154	17	1
Cane sugar	do	8,117,916	8,470,917	6,989,319	6,347,659	5,941,440	5,748,244	295,361	207,306	129,537	112,626	96,701	107,641
Product of Philippine Islands and Virgin Islands	1,000 lbs	614,419	1,209,073	1,599,053	1,638,938	2,089,471	2,469,144	30,077	45,597	51,792	50,021	57,340	66,803
Other	do	7,503,497	7,261,844	5,390,266	4,708,721	3,851,969	3,279,100	265,284	161,709	77,745	62,605	39,361	40,838
Molasses, n. e. s.	1,000 gals	159,362	267,741	113,380	7,243	8,694	10,859	7,138	12,996	8,246	1,182	847	953
Molasses not for human consumption	do		26,834	132,754	176,837	178,077	173,258		1,894	9,386	7,163	5,574	4,312

[2] Average for years 1928–1930.
[3] June 18 to Dec. 31, 1930.
[5] Average for years 1924 and 1925.
[5a] Less than 500.
[6] Average for years 1929 and 1930.
[7] Average for years 1922–1925.
[10] 1925 only.
[13] 1930 only.
[14] Average for years 1921–1923.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
H. Sugar and related products—Continued												
Sugar candy and confectionery, n.e.s.1,000 lbs.	1,560	3,869	5,892	5,363	4,593	4,670	462	951	1,112	951	660	637
Maple sugar and maple sirup.....do.....	3,247	7,853	7,355	2,698	3,410	2,719	466	1,396	1,354	498	605	406
Honey.....do.....	911	214	205	62	53	54	63	31	27	11	7	9
Dextrose, lactose, and levulose.....do.....	----------	[3] 214	[3] 214	108	32		----------	[3] 18	[3] 18	6	3	
I. Beverages	----------	----------	----------	----------	----------	----------	2,215	1,717	1,410	1,265	1,101	14,944
Lemon, lime, and sour orange juice, not more than 2 per cent alcohol.....1,000 gals.	[1] 445	316	132	----------	----------	----------	[1] 419	296	102	----------	----------	----------
Compounds containing spirits.....1,000 pf. gals.	142	69	43	33	39	1,404	591	316	192	139	188	7,389
Wine.....1,000 gals.	377	39	45	21	34	1,368	726	93	92	55	66	5,158
Ginger ale or beer, not alcoholic.....do.....	[5] 69	106	39	22	9	6	[5] 93	112	44	26	8	6
Mineral water.....do.....	674	912	942	974	846	626	278	452	497	494	412	400
Other beverages and fruit juices	----------	----------	----------	----------	----------	----------	331	449	483	551	427	1,991
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD												
Total	----------	----------	----------	----------	----------	----------	441,850	576,128	365,524	227,151	125,542	160,001
A. Rubber and manufactures	----------	----------	----------	----------	----------	----------	198,230	302,945	144,900	76,787	34,609	51,517
Rubber, crude, and milk of.....1,000 lbs.	681,100	1,042,301	1,089,830	1,124,003	928,857	938,340	192,922	294,428	140,642	73,803	32,538	45,868
Jelutong or pontianak.....do.....	9,659	16,446	13,232	12,941	10,319	13,417	898	2,396	1,403	1,019	617	945
Balata.....do.....	1,481	1,298	1,124	2,705	1,585	3,716	820	445	423	412	147	2,262
Gutta-percha.....do.....	2,566	2,255	113	275	425	1,318	417	471	20	36	28	94
Guayule.....do.....	[4] 3,879	6,618	2,455	----------	----------	----------	[4] 789	1,577	347	----------	----------	----------
Siak and scrap, and reclaimed.....do.....	12,745	20,951	10,744	9,514	5,942	6,866	612	714	135	119	55	54
Rubber-soled footwear with fabric uppers.....1,000 prs.	----------	----------	----------	----------	----------	4,635	----------	----------	----------	----------	----------	793
Rubber toys	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	391
Combs, hard rubber.....thousands.....	----------	----------	----------	----------	----------	3,277	----------	----------	----------	----------	----------	109
Golf balls.....do.....	[5] 2,820	2,691	1,841	1,264	1,451	1,068	[5] 1,112	1,013	602	388	336	255
Rubber tires.....number.....	----------	8,286	8,468	38,312	40,706	25,572	----------	98	85	88	217	128
Other manufactures of rubber	----------	----------	----------	----------	----------	----------	1,643	1,803	1,243	902	671	618
B. Gums, resins, and balsams, n. e. s	----------	----------	----------	----------	----------	----------	30,942	31,167	21,451	13,131	7,913	6,972
Varnish gums and resins—												
Damar.....1,000 lbs.	20,864	15,369	11,217	11,734	8,553	12,960	2,846	1,969	1,017	704	344	572
Kauri.....do.....		4,485	2,890	1,641	770	1,903		667	406	206	68	154
Lac, crude, seed, button, and stick.....do.....	----------	[6] 8,333	8,689	7,191	9,518	11,447	----------	[6] 2,152	1,730	934	1,015	873
Shellac.....do.....	27,183	26,554	18,982	11,962	11,321	9,338	14,958	9,820	5,190	1,953	1,511	972
All other.....do.....	[1] 33,884	40,856	20,773	15,303	10,313	15,366	[1] 4,611	4,817	1,415	778	392	681
Tar, pitch, and turpentine	----------	----------	----------	----------	----------	----------	[1] 200	341	213	57	103	103
Camphor—												
Natural, crude.....1,000 lbs.	2,248	2,667	1,058	2,004	1,799	1,989	1,341	1,123	419	714	513	411
Natural, refined.....do.....	2,691	1,258	1,032	1,152	1,034	1,630	1,758	706	557	546	358	490
Synthetic.....do.....		2,901	2,405	1,798	1,460	880		1,171	851	588	406	216

Chicle	do	8,913	12,833	13,957	8,928	4,948	4,066	4,455	6,460	7,021	4,195	2,023	1,081
Balsam, crude	do	395	389	398	318	254	326	196	200	199	120	68	91
Arabic or Senegal	do	8,034	8,657	6,954	7,264	5,509	5,598	842	870	973	536	227	264
Tragacanth	do	[1] 1,000	1,533	1,003	1,673	1,425	2,364	[1] 423	754	443	674	328	422
Kadaya (karaya) and talka	do		[6] 3,925	3,786	4,582	3,544	4,122		[6] 445	334	397	196	235
Other gums and resins, n. e. s								1,406	1,230	682	729	361	346
C. Drugs, herbs, leaves, roots, etc								6,527	9,474	7,678	5,925	5,005	5,044
Cinchona bark or other from which quinine may be extracted	1,000 lbs	2,333	2,257	1,939	1,581	1,139	1,814	729	631	585	424	358	561
Pyrethrum or insecticide flowers	do	[1] 4,451	10,017	8,536	4,521	12,111	10,435	[1] 1,413	1,905	1,333	522	1,309	1,524
Licorice root	do	63,499	75,450	57,372	59,283	57,569	41,649	2,167	2,006	1,350	1,424	1,156	780
Licorice extract	do	[1] 1,537	1,050	1,082	1,312	1,039	991	[1] 266	193	147	154	100	119
Opium, crude, 8.5 per cent or more morphia	1,000 lbs	105	136	122	130	130	121	502	880	686	394	274	317
Senna	do	[1] 3,144	2,887	2,343	1,266	1,944	2,121	[1] 272	195	166	70	82	94
All other	do	[7] 19,148	24,419	23,447	22,625	17,549	22,216	[7] 2,450	3,665	3,411	2,937	1,725	1,650
D. Oilseeds								51,204	65,999	54,845	32,666	16,472	26,668
Cottonseed	1,000 lbs	[1] 75,909	14,287	339				[1] 1,050	189	5			
Castor beans	do	79,797	128,553	103,061	103,215	83,156	113,100	2,998	4,392	3,163	2,359	1,604	1,889
Copra	do	289,278	515,371	595,339	457,947	453,447	660,872	12,330	22,583	21,787	11,067	8,059	9,238
Flaxseed	1,000 bus. of 56 lbs	16,934	19,771	12,662	14,480	7,919	13,825	34,045	36,794	26,732	14,129	5,154	13,487
Poppy seed	1,000 lbs	[1] 5,183	5,973	6,084	7,196	6,634	8,267	[1] 489	487	413	411	417	632
Palm nuts and kernels	do					28,700	14,918					381	173
Rapeseed	do					10,748	13,627					269	348
Sesame seed	do		17,967	55,666	139,608	19,182	42,631		641	1,643	3,606	428	818
Other oil seeds	do	26,805	25,430	36,301	50,443	9,915	5,982	908	914	1,103	1,094	158	83
E. Vegetable oils								51,029	72,963	66,216	40,413	24,323	30,252
Expressed oils and fats								45,752	66,375	60,573	36,760	21,577	26,842
Tung oil	1,000 lbs	75,354	105,576	126,323	79,311	75,922	118,760	9,247	12,367	12,487	4,426	3,434	4,833
Coconut oil—													
Product of Philippine Islands	do	205,191	311,798	317,919	325,175	249,117	316,078	15,850	23,500	19,901	15,272	7,619	8,556
All other	do	6,181						516					
Palm oil	do	90,025	201,839	287,493	258,145	217,167	287,483	6,515	13,209	16,327	10,791	5,998	7,001
Inedible oils for mechanical or manufacturing purposes—													
Olive oil, sulphured or foots	1,000 lbs	34,009	46,162	62,783	36,924	45,909	40,464	2,857	3,285	3,400	1,652	1,605	1,550
Other inedible olive oil	do		8,583	7,113	12,045	11,759	12,910		1,118	661	1,003	735	850
Palm-kernel oil	do	[4] 19,918	54,184	29,104	12,928	249	12,898	[4] 1,776	4,415	1,771	637	11	379
Rapeseed (colza oil)	1,000 gals		[3] 478	[3] 478	948	609	1,465		[3] 223	[3] 223	354	158	411
Sesame oil	1,000 lbs		9,854	10,876	1	[5a]	2		941	878	[5a]	( )	[5a]
Vegetable tallow	do	[1] 6,726	6,692	7,122				[1] 487	460	428			
Vegetable wax	do	7,704	5,899	2,483	2,648	3,197	3,836	1,266	1,332	339	230	217	199
Rapeseed (colza) oil, n. e. s	1,000 gals	1,708	2,342	1,636	466	360	128	1,242	1,515	883	225	118	50
Linseed oil	1,000 lbs	54,836	5,649	2,125	235	25	11,257	4,326	414	205	11	1	408
Soybean oil	do	20,975	17,316	8,348	4,916	405	3,669	1,305	1,109	463	173	11	120
Carnauba wax	do		[2] 6,579	7,416	7,447	6,166	7,720		[2] 1,496	1,435	1,070	733	970
Perilla oil	do		[2] 5,474	8,838	13,285	16,525	22,776		[2] 578	884	729	554	1,086
Other expressed oils	do	[1] 16,197	15,869	3,533	2,669	8,793	8,922	1,267	1,420	286	187	382	429

[1] Average for years 1923–1925.
[2] Average for years 1928–1930.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[5a] Less than 500.
[6] Average for years 1929 and 1930.
[7] Average for years 1922–1925.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, ETC.—Continued												
E. Vegetable oils—Continued.												
Essential and distilled oils							5,278	6,588	5,643	3,653	2,746	3,410
Cassia and cinnamon 1,000 lbs.		349	372	306	326	410		438	373	218	158	200
Geranium do.	[5] 156	172	189	141	145	128	[5] 746	499	593	420	463	430
Otto of roses 1,000 oz.	[5] 52	32	18	20	15	33	[5] 282	328	216	209	105	205
Bergamot 1,000 lbs.	[1] 99	114	176	81	40	75	[1] 303	495	440	136	73	91
Citronella and lemon grass do.	[1] 1,108	1,326	1,097	1,026	1,508	1,865	[1] 804	618	542	386	483	663
Lavender and spike lavender do.	[1] 2,217	315	376	280	212	270	[1] 604	754	722	500	228	385
Lemon do.	530	471	624	347	167	271	382	884	588	216	123	161
Orange do.	[1] 218	198	166	132	114	149	[1] 478	585	362	230	112	110
Sandalwood do.	[5] 39	14	19	10	5	3	[5] 183	58	80	49	19	13
All other essential and distilled oils do.	[5] 3,170	3,618	3,065	2,920	2,961	2,895	3,098	1,928	1,726	1,289	982	1,102
F. Dyeing and tanning materials, n. e. s.							8,142	8,552	7,414	5,343	3,267	4,961
Logwood tons	26,797	28,532	24,253	21,863	13,172	25,466	514	501	375	384	190	335
Myrobalans fruit do.	[1] 16,012	17,234	12,335	11,326	9,940	12,814	[1] 415	558	293	232	136	223
Quebracho wood do.	26,439	56,742	44,114	55,396	13,383	20,115	368	897	640	587	126	313
Sumac do.	4,935	3,975	3,946	2,960	1,427	2,577	347	242	231	117	40	115
Valonia 1,000 lbs.	[1] 17,622	19,231	36,096	17,158	17,832	21,854	[1] 307	331	454	282	186	236
Gambier or terra japonica do.	6,184	3,942	2,615	2,258	2,252	3,402	433	275	162	154	146	197
Wattle bark do.		[6] 11,797	9,784	5,183	3,551	8,734		[6] 222	172	70	29	96
Other crude do.	[1] 68,267	54,659	31,795	25,850	16,688	21,849	1,208	1,169	731	528	310	367
Extracts for dyeing, coloring, etc. do.	3,153	1,579	1,006	1,578	710	638	255	143	103	125	66	84
Extracts for tanning—												
Quebracho do.	117,246	96,192	87,377	90,863	105,388	121,871	4,335	4,123	3,838	2,503	1,819	2,526
All other do.	6,905	6,772	13,453	13,332	9,950	19,654	249	225	415	361	217	469
G. Seeds, except oil seeds							11,528	9,207	6,778	4,472	3,304	3,432
Field seeds—												
Alfalfa 1,000 lbs.	[1] 7,184	2,064	368	179	243		[1] 966	366	51	26	20	
Clover do.	33,994	23,712	11,086	4,640	2,385		4,618	3,505	1,154	579	328	
Red do.	12,089	8,098	2,046	1,947	30		1,996	1,428	194	224	2	
Alsike do.	[1] 9,532	5,816	4,198	94			[1] 1,319	1,148	543	11		
Crimson do.	[1] 6,067	3,036	3,516	1,890	665	2,088	[1] 403	240	189	69	31	110
Other do.	12,546	6,761	1,326	709	1,690	1,532	1,589	688	228	170	295	174
Vetch do.	[1] 9,066	3,672	2,424	3,179	2,072	5,692	[1] 945	220	94	105	53	237
Grass seeds do.	10,447	7,931	5,903	5,884	4,291	4,361	1,070	1,101	932	745	279	213
Sugar-beet seeds do.	10,510	13,433	14,471	13,962	20,913	20,277	1,206	1,403	1,615	1,309	1,390	1,315
Seeds for the Department of Agriculture							1,453	158	392			
Garden and flower seeds—												
Cabbage 1,000 lbs.	[1] 416	265	351	244	180	176	[1] 114	148	204	123	87	69
Canary do.	[1] 11,749	15,848	15,929	20,638	19,622	21,664	[1] 551	568	687	541	317	294
Spinach do.				2,011	2,379	3,797				172	184	323
Turnip do.	[1] 1,442	1,504	1,380	1,262	564	1,507	[1] 176	169	167	138	55	122

Onion ..... do		[6] 199	205	185	237	152		[6] 285	309	143	133	103
All other ..... do	[1] 5,263	6,084	5,899	2,676	1,942	2,033	1,529	1,456	1,174	696	458	470
H. Nursery and greenhouse stock							7,233	7,430	6,855	4,000	2,433	2,042
Bulbs, roots, and corms—												
Hyacinth ..... thousands	261,063	22,342	21,883	19,933	16,900	12,404	6,739	1,516	1,129	704	559	474
Lily, tulip, and narcissus ..... do		217,188	209,414	153,335	120,346	91,873		5,196	5,030	2,850	1,654	1,376
Crocus and other ..... do		20,419	17,584	15,109	12,140	12,146		259	259	169	102	80
Trees, plants, cuttings, and seedlings—												
Fruit stock ..... do		11,715	11,250	4,005			494	78	65	21		
Rose stocks and plants ..... do		12,484	12,822	10,024	6,866	5,353		186	194	119	77	57
All other ..... do		[15] 585	277	357	88	7,997		194	176	137	41	55
I. Tobacco and manufactures							73,230	64,544	46,572	41,793	26,561	24,600
Unmanufactured ..... 1,000 lbs	66,942	77,013	71,544	74,452	56,907	57,253	64,831	57,018	40,922	37,088	23,027	21,508
Product of Philippine Islands ..... do	1,189	2,978	4,680	4,144	3,560	1,627	177	388	528	554	433	143
Leaf, for cigar wrappers ..... do	6,342	6,277	3,858	4,745	2,056	2,071	14,385	12,548	6,177	6,970	2,725	3,769
Cigar leaf (filler)—												
Unstemmed ..... do	58,078	7,118	5,487	4,976	3,670	4,545	49,794	5,710	4,049	2,930	1,943	2,242
Stemmed ..... do		14,896	14,228	11,260	6,973	6,169		13,741	11,755	8,275	5,146	4,524
Cigarette leaf, unstemmed ..... do		43,438	39,872	43,502	35,852	38,066		24,027	17,725	17,576	12,108	10,176
Scrap ..... do	1,334	2,088	2,326	2,853	2,680	2,596	475	596	650	697	597	573
Stems, not cut, or ground ..... do		[3] 1,093	[3] 1,093	2,972	2,116	2,178		[3] 38	[3] 38	86	75	80
Manufactures of tobacco—												
Cigars and cheroots—												
Product of Philippine Islands ..... do	2,924	2,443	1,901	2,056	2,192	1,824	4,473	3,943	2,997	3,105	3,066	2,673
Other cigars and cheroots ..... do	435	378	280	217	42	31	3,542	3,176	2,368	1,365	315	229
Cigarettes, product of Philippine Is ..... do	3	25	6	10	3	19	6	35	12	15	4	24
All other manufactures, n. s. p. f ..... do	297	297	221	176	157	136	378	372	273	220	150	166
J. Miscellaneous vegetable products							3,785	3,844	2,812	2,639	1,656	4,512
Agar-agar ..... 1,000 lbs		430	399	501	480	641		308	306	325	184	161
Hops, hop extract, and lupulin ..... do	969	713	1,099	1,077	1,300	5,938	357	243	160	159	205	3,028
Starch ..... do	10,664	23,988	15,053	19,524	11,898	15,445	405	791	325	385	220	316
Vegetable ivory, or tagua nuts ..... do	31,976	23,410	12,578	17,948	10,674	21,842	1,200	728	254	382	148	261
Moss, seaweed, etc., crude ..... do							500	386	335	226	96	93
Peat moss ..... tons of 2,240 lbs		[3] 30,290	[3] 30,290	57,079	57,769	36,801		[3] 383	[3] 383	683	601	443
All other							1,322	1,312	1,049	479	201	209
GROUP 3.—TEXTILES												
Total							892,920	893,766	600,708	412,687	244,038	270,455
A. Cotton, unmanufactured ..... 1,000 lbs	165,958	182,137	128,373	61,302	67,738	74,579	46,280	42,663	25,274	6,070	6,990	7,905
Long staple, 1⅛ inches or over ..... do	[7] 56,364	51,300	38,804	4,516	12,614	21,065	[7] 19,187	16,178	10,817	724	1,510	2,981
Short staple, under 1⅛ inches ..... do	[7] 116,596	130,794	89,349	45,216	25,831	29,664	[7] 30,437	26,476	14,422	3,825	1,935	2,071
Staple 1⅛ to 1⅜ inches ..... do		[3] 220	[3] 220	11,570	29,293	23,850		[3] 35	[3] 35	1,521	3,245	2,852
B. Cotton, semimanufactures							8,389	5,421	3,114	1,788	933	1,970
Cotton waste ..... 1,000 lbs	36,068	33,823	25,331	14,785	6,501	20,786	3,337	2,112	1,302	595	177	814
Yarns and warps—												
Not bleached, dyed, or plied, etc ..... do	[4] 238	33	5				5,052	29	6			
Bleached, dyed, combed, or plied ..... do		2,747	1,649	1,466	1,264	1,631		3,280	1,805	1,193	756	1,156

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1924 and 1925.
[6] Average for years 1929 and 1930.
[7] Average for years 1922–1925.
[15] Average for years 1927–1930.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 3.—TEXTILES—Continued												
C. Cotton manufactures							78,178	58,206	43,106	38,866	26,969	30,056
Sewing thread, crochet, darning, embroidery, and knitting cotton, million yds.	4,140	1,832	1,446	1,365	1,084	1,080	2,890	1,615	1,019	812	647	597
Cotton cloth, 1,000 sq. yds.	150,874	56,336	35,517	34,732	29,436	41,348	35,963	14,605	9,426	7,035	4,248	6,360
Not bleached, do.	67,387	23,171	11,320	7,136	4,306	4,371	13,290	4,727	2,389	1,133	519	651
Bleached, do.	14,001	9,367	6,988	9,316	11,420	21,064	3,747	2,021	1,453	1,472	1,382	2,746
Colored, dyed, printed, etc., and woven figured, 1,000 sq. yds.	69,486	23,798	17,209	18,280	13,709	15,913	18,926	7,856	5,583	4,430	2,347	2,963
Cotton fabrics, n. e. s.							2,988	8,060	5,830	4,859	2,875	2,976
Cloth, chief value cotton, less than 17 per cent wool, 1,000 lbs.		[3] 42	[3] 42	230	9	2		[3] 20	[3] 20	57	3	1
Table damask and manufactures							[1] 405	307	255	191	207	244
Pile fabrics and manufactures							703	2,396	996	1,687	447	
Velvets and velveteens, 1,000 sq. yds.		[2] 2,464	698	701	37	37		[2] 1,863	512	586	33	35
Other								[2] 403	484	1,101	414	314
Tapestries and other Jacquard woven upholstery cloths							1,867	4,589	3,416	1,538	736	816
Blankets and blanket cloth, 1,000 lbs.				89	6	75		354	357	50	1	16
Table covers, napkins, doilies, etc.							[3] 400	308	278	172	142	646
Bed spreads and quilts, thousands		[3] 394	[3] 394	1,020	1,162	948		[3] 403	[3] 403	962	940	740
Sheets, pillow cases, towels, etc.								[3] 104	[3] 104	202	200	163
Wearing apparel							12,815	14,760	12,014	11,405	8,340	8,401
Product of Philippine Islands							3,113	4,059	3,106	2,044	2,660	1,831
Knit goods—												
Gloves, 1,000 doz. prs.	1,414	2,107	1,762	2,535	2,276	2,819	4,480	6,571	5,757	6,848	4,351	5,317
Hosiery, do.	764	649	512	600	521	577	1,635	2,025	1,523	1,584	828	683
Underwear and other knit goods							244	436	422	224	179	222
Wearing apparel wholly or partly of lace, or embroidered, beaded, etc.							[1] 2,632	702	606	336	165	110
All other							1,765	966	599	369	156	238
Other cotton manufactures							23,523	19,167	14,817	14,755	11,059	11,728
Handkerchiefs and mufflers—												
Not of lace, embroidered, etc., 1,000 doz.						862		649	407	273	137	199
Lace trimmed, or embroidered, etc., thousands				2,971	1,312	987	2,145	1,111	511	161	55	45
Laces, embroideries, etc.							6,576	11,259	8,756	9,247	6,176	6,258
Product of Philippine Islands							296	510	426	287	232	38
Handmade laces							1,770	790	395	432	387	264
Machine-made laces							10,006	6,201	5,244	6,311	3,975	4,237

Articles in part of lace							[1] 1,304	1,290	994	615	351	207
Lace window curtains							610	449	273	214	241	353
Embroideries							833	587	577	327	47	12
All other laces, embroideries, etc							2,273	1,432	847	1,081	942	1,150
Cotton floor coverings, 1,000 sq. yds		[6] 4,851	4,303	7,291	9,415	12,200		[6] 2,282	1,715	2,897	3,308	3,315
Belting for machinery, 1,000 lbs		[3] 183	[3] 183	438	351	269		[3] 99	[3] 99	198	127	102
Rags, except paper stock, do		[3] 9,539	[3] 9,529	17,019	11,589	15,571		[3] 502	[3] 502	751	310	467
Other cotton manufactures, n. e. s							4,802	5,115	2,827	1,228	947	1,335
D. Jute and manufactures							76,556	93,709	67,855	37,681	22,469	31,129
Jute, unmanufactured, tons of 2,240 lbs	71,358	60,346	41,651	46,665	27,976	44,795	9,002	9,442	5,091	3,669	1,804	2,590
Jute butts, unmanufactured, do		19,668	19,374	17,957	1,116	6,492		1,848	1,485	835	63	296
Waste bagging and waste sackcloth, 1,000 lbs	[1] 11,630	38,604	37,592	55,075	62,978	69,158	[1] 265	1,119	636	953	735	1,096
Burlaps, do	559,263	606,083	598,157	431,363	341,544	402,468	60,406	72,250	54,300	28,757	16,908	24,430
Bagging for cotton							1,822	3,532	2,358	873	614	382
Woven fabrics, n. e. s, 1,000 lbs	[1] 2,151	2,039	1,156	1,522	1,116	2,095	[1] 705	625	336	361	190	424
Jute bags or sacks, do	47,803	40,778	43,315	37,663	43,148	35,779	4,175	4,146	3,059	1,902	1,768	1,531
Yarns, single, do	[1] 4,061	824	66	8		8	[1] 453	96	9	1		1
Cordage, do		[3] 149	[3] 149	262	168	121		[3] 22	[3] 22	32	13	11
Other jute manufactures							[7] 372	647	559	298	373	367
E. Flax, hemp, and ramie, and manufactures							48,197	47,944	36,832	30,079	20,713	22,653
Flax, unmanufactured, tons of 2,240 lbs	5,254	5,826	6,614	3,087	3,525	4,682	2,984	3,089	2,840	687	763	1,293
Hackled, do	1,522	1,980	2,096	517	543	690	1,720	1,638	1,430	265	254	425
All other, do	3,732	3,845	4,518	2,570	2,982	3,992	1,264	1,442	1,410	422	509	868
Hemp, unmanufactured, do	3,921	1,708	1,457	1,018	506	630	1,162	549	379	148	75	133
Manufactures of flax, hemp, and ramie							44,051	44,315	33,613	29,244	19,873	21,227
Single yarns, 1,000 lbs	4,764	2,578	2,345	1,983	1,120	1,500	1,484	1,204	931	555	288	552
Thread and twine, do	[1] 640	496	344	364	231	510	[1] 721	554	389	277	157	271
Fabrics, 1,000 lbs				22,216	19,345	22,020	25,011	23,227	15,985	14,076	9,305	11,427
Plain woven fabrics, weighing less than 4 oz. per sq. yd, 1,000 lbs	[1] 5,337	3,781	3,493	4,743	4,368	4,342	[1] 7,577	4,653	3,885	4,357	3,173	4,114
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	1,577	2,084	1,339	1,809	[1] 3,060	1,552	915	947	476	612
Pile fabrics and manufactures, do		[12] 103	103	472	159	60		[12] 152	152	663	208	78
Woven fabrics for padding or interlining, 1,000 lbs		[12] 799	799	2,547	2,360	3,721		[12] 300	300	736	537	1,034
Table-damask and manufactures, do					2,863	2,290	[1] 5,781	6,434	5,169	2,951	2,093	1,891
Other fabrics of flax, hemp or ramie, 1,000 lbs	[1] 11,500	13,066	8,472	9,380	8,255	9,798	[1] 13,947	10,496	5,563	4,422	2,819	3,698
Wearing apparel							429	497	648	463	369	70
Towels or napkins and bed clothing, thousands	[5] 14,296	25,006	28,263	37,194	34,262	30,258	[5] 3,144	3,734	3,668	3,611	2,493	2,464
Handkerchiefs—												
Not embroidered nor of lace, 1,000 doz	2,301	3,570	3,138	2,630	1,714	1,637	3,663	3,651	2,950	2,084	1,088	1,212
Made of lace or embroidered, do		1,505	2,034	2,576	1,618	974		1,964	2,002	2,329	1,498	1,085

[1] Average for years 1923–1925. [2] Average for years 1928–1930. [3] June 18 to Dec. 31, 1930. [5] Average for years 1924–25.
[6] Average for years 1929 and 1930. [7] Average for years 1922–1925. [12] 1930 only.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 3.—TEXTILES—Continued												
E. Flax, hemp, and ramie, and manufactures—Con.												
Manufactures of flax, hemp, and ramie—Con.												
Laces, embroideries, etc.—												
Product of Philippine Islands							[16] 65	59	6	3	14	6
Embroideries and embroidered articles							5,175	5,367	4,230	3,168	2,458	2,206
Laces, drawn work, etc.								929	477	96	42	61
Other manufactures n. e. s							6,566	3,131	2,327	2,582	2,161	1,878
F. Other vegetable fibers and manufactures							37,034	43,619	29,578	17,185	14,846	14,906
Unmanufactured fiber—tons of 2,240 lbs.	213,452	213,060	182,650	153,234	222,440	185,223	33,368	37,904	25,415	13,617	12,176	11,505
Istle or tampico fiber—do	12,248	12,625	11,112	9,953	8,432	6,261	1,212	1,557	1,051	650	340	251
Manila or abaca fiber—do	71,452	60,849	64,052	30,740	25,659	32,707	12,318	12,670	8,844	2,939	1,614	1,864
New Zealand fiber—do	[16] 917	3,975	2,844	304	125	52	[16] 151	610	377	26	7	3
Crin vegetal—do			[3] 4,216	9,848	5,016	5,281			[3] 148	285	124	162
Sisal and henequen fiber—do	109,124	118,560	85,661	89,300	168,205	126,268	14,478	18,493	11,864	7,451	8,427	7,184
Kapok fiber—do	8,324	7,976	8,142	7,830	7,768	9,298	3,647	3,578	2,480	1,819	1,434	1,704
All other, n. e. s—do	12,121	9,074	6,623	5,259	7,235	5,356	1,682	996	650	447	231	337
Manufactures of—												
Binding twine—1,000 lbs.	9,791	13,563	12,173	22,889	31,992	47,927	1,134	1,481	1,311	1,891	1,623	2,177
Cordage—												
Product of the Philippine Islands—do	[1] 5,056	6,524	7,514	5,380	4,942	7,940	[1] 632	885	961	547	445	656
Other—do	[1] 3,200	5,949	3,338	2,611	3,768	1,956	[1] 496	824	445	246	275	147
Other manufactures							1,789	2,525	1,446	884	327	422
I. Wool, including mohair, etc., unmanufactured—1,000 lbs.	339,811	253,242	163,734	158,385	56,535	178,923	102,369	78,790	37,092	22,372	6,029	21,457
Carpet wool (actual weight)—do	138,453	135,503	93,404	120,500	40,935	130,461	29,695	34,300	18,994	14,354	3,602	12,740
Clothing wool (actual weight)—do	63,677	16,858	14,702	6,344	5,161	4,364	17,137	6,050	3,841	1,527	743	810
Combing wool (actual weight)—do	132,028	96,440	54,364	30,954	10,214	39,463	53,335	36,230	13,342	6,140	1,577	7,156
Hair of the Angora goat, Cashmere goat, alpaca, etc. (actual weight)—1,000 lbs.	5,653	4,439	1,252	586	226	4,640	2,201	2,209	910	350	106	750
Hair of the Angora goat (mohair)—do	[1] 3,454	3,765	427	175	113	3,462	[1] 1,665	1,780	177	44	20	449
Hair of the Cashmere goat, alpaca, etc.—do	[1] 1,236	674	825	411	113	1,178	[1] 518	429	733	306	86	301
Wool, carbonized—do		[3] 12	[3] 12	200				[3] 5	[3] 5	66		

J. Wool, semimanufactures							20,544	12,451	6,439	2,105	1,160	2,840
Noils	1,000 lbs.	33,041	6,393	3,595	2,067	1,821	3,415	12,161	4,333	2,297	1,241	698	1,093
Wool rags [15a]	do.		18,062	7,092	1,027	667	1,845		5,153	1,852	251	142	548
Waste	do.		3,615	2,107	769	122	1,867		1,900	759	225	29	575
Tops and other wool advanced	do.	4,902	286	291	24	8	163	3,288	318	309	19	4	85
Yarns	do.	3,967	332	262	153	205	545	5,094	746	1,220	369	287	538
Mohair	do.	[5] 774	130	74	6	6	190	[5] 958	281	453	6	6	104
Rabbit, including Angora rabbit	do.		[3] 84	[3] 84	37	25	27		[3] 568	[3] 568	236	116	147
Wool or other hair	do.	[5] 1,250	201	104	110	174	328	[5] 1,958	465	199	127	165	288
K. Wool manufactures							44,048	56,844	33,703	20,800	11,539	13,438
Woven fabrics of mohair and wool	1,000 sq. yds.	[5] 22,082	17,859	9,219	4,721	3,712	5,076	18,774	18,437	9,644	4,816	2,603	3,970
	1,000 lbs.	9,936	9,253	4,788	2,602	1,953	2,816						
Mohair fabrics	1,000 sq. yds.	[5] 396	376	340	77	65	84	[1] 214	155	126	27	13	17
	1,000 lbs.	[1] 102	84	75	17	14	19						
Worsteds—													
Weighing not over 4 oz. per sq. yd	1,000 sq. yds.	[5] 4,442	4,401	1,974	446	371	508	[5] 2,022	1,833	756	184	125	176
	1,000 lbs.	[5] 933	907	410	87	74	100						
Weighing over 4 oz. per sq. yd	1,000 sq. yds.	[5] 1,580	1,833	1,318	908	664	896	[5] 1,924	2,665	1,747	959	493	756
	1,000 lbs.	[5] 806	988	694	472	353	487						
Woolens—													
Weighing over 4 oz. per sq. yd	1,000 sq. yds.	[5] 15,666	11,251	5,587	3,290	2,612	3,588	[5] 17,246	13,784	7,014	3,646	1,972	3,021
	1,000 lbs.	[5] 9,422	7,275	3,609	2,026	1,512	2,211						
Other fabrics of wool	do.	[1] 34	99	396	376	153	183	[1] 72	193	528	498	144	162
Carpets and rugs	1,000 sq. yds.	2,365	3,027	2,034	1,642	1,303	1,464	13,149	19,528	12,076	8,222	4,751	4,798
Oriental, Axminster, Savonnerie, Aubusson, oriental weave, and chenille Axminster	1,000 sq. yds.	[1] 2,187	2,161	1,301	1,089	764	792	[1] 14,423	17,015	10,358	7,251	4,148	4,126
All other	do.	[4] 610	866	733	553	539	672	[1] 1,389	2,514	1,719	971	603	672
Wearing apparel							9,610	16,041	10,300	6,900	3,896	4,349
Knit goods—													
Sweaters	1,000 lbs.				41	16				208	79	
Hosiery	1,000 doz. prs.	[1] 506	356	230	247	178	218	[1] 3,188	2,279	1,312	956	411	600
Gloves and mittens	do.	[1] 183	125	73	81	43	47	[1] 471	261	145	144	74	105
Other knit and crocheted goods	1,000 lbs.	[1] 310	506	756	966	862	770	[1] 1,193	2,192	2,677	2,009	1,495	1,522
Hats and hat bodies of wool-felt	do.	[1] 1,775	[15] 4,402	3,205	3,024	1,812	1,628	[1] 5,738	[15] 6,496	3,891	2,409	1,126	1,153
Hat bodies of wool-felt	do.			3,171	3,011	1,811	1,627			3,805	2,390	1,121	1,150
Hats of wool-felt	do.			34	13	1	[5a]			86	19	5	3
All other wearing apparel	do.		2,137	514	310	251	329		6,113	2,276	1,174	711	970
Wool laces, embroideries, etc							[5] 730	331	293	76	45	45
Other manufactures of wool							2,173	2,314	862	289	101	115

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1924 and 1925.
[5] Less than 500.
[5a] Less than 500.
[15] Average for years 1927–1930.
[15a] Wool rags, flocks, and mungo prior to June 18, 1930.
[16] 1921 only.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 3.—Textiles—Continued												
L. Hair and manufactures, n. e. s.							8,944	5,456	3,624	2,783	1,364	1,855
Human hair—												
Unmanufactured 1,000 lbs.	1,581	2,604	2,723	2,249	2,152	2,302	800	917	636	383	305	286
Nets and netting of human hair 1,000 gross		610	540	529	385	364	[17] 4,585	609	430	315	255	244
Other manufactures of human hair								168	117	107	56	80
Horse hair, tails, or manes 1,000 lbs.	4,899	4,136	3,461	3,357	2,370	3,852	2,336	2,125	1,432	1,300	449	644
Cattle body hair, ordinary do.	9,275	11,649	4,345	4,187	1,407	3,266	1,152	1,538	321	219	52	133
Other animal hair, n. e. s do.			3,490	3,221	1,490	3,947			637	425	206	455
Manufactures of horse and cattle hair do.	[5] 665	318	193	120	338	67	[4] 120	98	50	34	41	11
M. Silk, unmanufactured do.	62,030	86,458	81,993	89,446	77,586	73,005	356,287	374,715	266,138	192,287	114,325	103,595
Raw silk do.	52,119	75,343	73,733	83,853	74,053	67,245	348,123	368,232	262,913	191,290	113,882	102,536
Silk, waste, and cocoons do.	9,911	11,114	8,260	5,593	3,533	5,760	8,163	6,482	3,225	997	444	1,058
N. Silk manufactures							40,941	36,383	18,687	16,625	5,933	6,329
Spun silk or schappe silk yarn 1,000 lbs.	1,383	516	189	171	22	119	4,385	1,401	440	342	37	94
Singles do.	[1] 243	60	27	27	6	81	[1] 642	163	96	76	11	32
Advanced do.	[1] 1,109	456	162	144	16	38	[1] 3,927	1,234	344	266	26	62
Bolting cloths do.	[1] 21	23	14	15	12	15	488	594	412	366	269	387
Fabrics, broad, except pile fabrics do.	2,959	3,314	2,000	3,120	1,611	1,841	17,580	15,545	8,000	9,065	3,048	3,540
Fabrics not over 30 inches wide—												
Not jacquard, figured 1,000 sq. yds.		[3] 427	[3] 427	2,073	964	1,196		[3] 269	[3] 269	984	396	405
1,000 lbs.		[3] 61	[3] 61	212	119	137						
Jacquard, figured 1,000 sq. yds.		[3] 87	[3] 87	572	310	392		[3] 106	[3] 106	853	397	510
1,000 lbs.		[3] 13	[3] 13	120	68	84						
Fabrics over 30 inches wide—												
Not jacquard, figured 1,000 sq. yds.		[3] 3,765	[3] 3,765	28,979	15,330	18,713		[3] 1,191	[3] 1,191	6,083	2,028	2,382
1,000 lbs.		[3] 383	[3] 383	2,590	1,377	1,568						
Jacquard, figured 1,000 sq. yds.		[3] 119	[3] 119	772	209	283		[3] 196	[3] 196	1,145	227	242
1,000 lbs.		[3] 25	[3] 25	198	47	52						
Pile fabrics do.	660	672	219	240	64	31	4,029	4,525	1,025	1,188	302	198
Pile ribbons and manufactures of pile fabrics do.		84	63	148	63	14		461	309	687	255	68
Ribbons, braids, and narrow fabrics							670	292	112	55	23	24

Silk wearing apparel							6,310	7,347	4,651	2,586	1,061	1,140
Product of Philippine Islands							16	[15] 114	104	43	18	45
Not knit, not embroidered, etc							5,404	3,436	2,081	1,283	600	684
Embroidered, etc., or of lace								3,550	2,272	1,128	381	350
Knit or crocheted								270	194	132	62	61
Silk handkerchiefs and mufflers—												
Hemmed or not hemmed 1,000 doz	483	492	308	383	145	341	923	1,020	634	411	131	199
Embroidered or of lace do		198	70	18	9	7		192	53	27	11	7
Silk laces, embroideries, etc							4,722	3,781	2,421	1,517	624	493
Laces and lace articles							[12] 2,294	1,820	1,583	1,043	456	346
Embroideries							[11] 1,281	1,553	687	379	127	118
All other							[7] 775	409	151	95	41	30
All other manufactures of silk							1,834	1,225	631	381	173	179
O. Rayon manufactures							9,216	15,276	8,376	4,743	2,621	4,521
Waste, noils, tops 1,000 lbs	[1] 4,639	3,212	1,462	1,382	311	2,680	[11] 1,525	789	205	135	48	449
Yarns, threads, and filaments do	3,675	12,249	6,263	2,674	2,729	4,594	5,440	10,123	4,853	1,810	826	1,985
Bands, or strips, not over 1 inch wide do		[3] 48	[3] 48	117	218	53		[3] 46	[3] 46	122	186	40
Fabrics, woven and knit do		[6] 277	267	259	283	269		[6] 1,097	942	792	626	679
Wearing apparel								[3] 292	[3] 292	872	537	776
All other manufactures							2,862	3,866	2,083	1,134	398	593
P. Miscellaneous textile products							15,939	22,257	20,760	19,297	8,442	7,661
Hats of straw or fiber and materials							10,213	14,926	15,610	15,383	6,074	5,506
Materials—Braids, etc., of straw, etc							5,329	4,315	3,994	2,586	1,407	1,388
Hats of straw, grass, etc thousands		30,307	29,627	41,999	25,689	35,542	4,884	10,611	11,616	12,797	4,667	4,118
Product of Philippine Islands do	344	634	577	351	399	802	521	1,416	873	449	336	643
Not blocked or trimmed do	[5] 11,873	7,645	13,126	30,912	14,432	16,098	2,605	5,394	8,708	11,696	3,432	2,818
Blocked or trimmed do	3,515	3,150	2,423	12	5	3	935	1,751	1,197	39	11	11
Sewed do	[5] 2,257	3,123	685	197	902	429	[5] 1,253	1,202	270	135	588	208
Harvest hats less then $3 per dozen do	[5] 14,234	15,751	12,797	10,377	9,902	18,209	[6] 802	845	552	374	274	437
Hats, n. e. s. in part of rayon or other synthetic textile thousands		[3] 19	[3] 19	150	49			[3] 16	[3] 16	104	26	
Floor coverings, n. e. s.—												
Mats of coco fiber or rattan 1,000 sq. ft		4,005	3,484	2,513	2,018	1,326		406	353	218	112	86
Matting and mats of China, Japan, and India straw 1,000 sq. yds	7,034	2,081	1,250	1,098	1,077	797	1,297	256	132	84	76	46
Other floor coverings do		4,093	3,416	2,498	3,400	3,943		992	946	473	351	330
Artificial flowers, etc. and manufactures							[13] 3,255	3,034	1,805	1,448	821	474
Body supporting garments								[3] 326	[3] 326	564	406	412
Mixed fabrics, 17 per cent or more of wool, wool not chief value 1,000 lbs		[3] 56	[3] 56	69	58	69		[3] 91	[3] 91	119	52	62

[1] Average for years 1923–25.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[6] Average for years 1929 and 1930.
[13] Average for years 1927–1930.
[17] Data prior to Sept. 22, 1922, are "manufactures of hair."

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 3.—TEXTILES—Continued												
P. Miscellaneous textile products—Continued												
Linoleum, inlaid, 1,000 sq. yds.	1,213	533	273	115	199	296	1,271	592	270	106	107	157
Other linoleum and floor oil cloth, do.		319	103	193	84	511		317	73	109	34	163
Tracing cloths, do.	[1] 3,140	2,296	1,881	1,412	885	732	[1] 1,454	1,200	963	704	351	333
Other coated, or waterproof fabrics, do.		1,620	608	320	252	331		450	193	89	57	91
GROUP 4.—WOOD AND PAPER												
Total							296,590	358,780	319,466	237,355	168,115	176,179
A. Wood, unmanufactured							14,979	18,050	12,894	7,243	3,739	4,100
Cedar logs, 1,000 ft. b.m.	[1] 125,990	102,507	25,461	20,718	27,903	32,575	[1] 2,213	1,457	335	189	244	309
Logs of fir, spruce, or western hemlock, do.			74,720	127,656	58,933	86,579			914	1,299	464	762
Logs and timber (except cabinet woods)							2,125	1,704	1,166	230	132	96
Teak, 1,000 ft. b.m.		[3] 1,687	[3] 1,687	2,662	522	250		[3] 511	[3] 511	725	78	32
Cabinet woods in the log—												
Product of Philippine Islands, do.	[7] 928	5,047	4,811	1,208			[7] 54	208	215	50		
Mahogany, do.	54,074	55,201	33,651	16,760	7,784	4,551	4,623	4,120	2,115	937	437	257
Cedar, Spanish [18], do.	9,277	4,870	4,525	700	769	779	583	317	292	41	37	30
All other, do.	[4] 7,143	9,761	7,131	3,331	4,348	2,044	692	1,263	872	362	288	241
Railroad ties, thousands	[1] 1,036	968	710	395	425	451	[1] 691	778	581	292	302	357
Rattan, unmanufactured, 1,000 lbs.	[1] 14,154	9,384	7,261	5,592	4,435	5,279	1,249	715	491	301	201	281
Poles—telegraph, telephone, etc., thousands	[1] 621	859	907	398	175	159	[1] 2,737	3,525	3,568	1,542	628	503
Brier, ivy, or laurel root							[4] 294	340	461	338	201	244
Other unmanufactured wood							2,101	1,521	1,374	937	727	987
B. Wood semimanufactures—sawmill products							68,410	56,703	35,889	20,319	10,913	12,282
Boards, planks, and deals—												
Softwood, M ft.	1,576,375	1,469,443	1,146,103	698,278	351,783	309,487	48,765	35,020	26,216	14,061	6,530	6,501
Hardwood, do.		69,679	39,800	24,558	15,276	26,923		3,883	2,051	1,019	550	912
Cabinet woods, sawed—												
Product of Philippine Islands, do.	10,946	31,150	28,068	17,965	6,936	15,411	638	1,469	1,367	866	256	491
Other cabinet woods, sawed, do.	5,239	4,184	3,319	4,350	5,327	5,870	379	339	310	290	271	324
Other lumber							[16] 2,287					
Laths, millions	1,478	1,209	430	467	193	164	8,627	5,650	1,366	1,215	511	408
Shingles, do.	2,430	1,888	1,244	988	1,239	1,570	9,162	6,853	4,159	2,606	2,508	3,496
Pickets and palings							[7] 478	491	421	262	227	150
C. Wood manufactures							9,055	10,200	8,428	5,183	2,915	7,761
Barrels, boxes, and shooks, thousands	[1] 1,564	2,209	1,971	979	750		[1] 365	338	373	161	116	4,891

Clapboards (siding)—M ft		[3] 1,976	[3] 1,976	3,422	2,022	1,390		[3] 80	[3] 80	127	65	67
Veneers and plywoods—1,000 sq. ft		[3] 1,341	[3] 1,341	5,208	4,799	4,547		[3] 43	[3] 43	108	57	90
Baskets—thousands	13,782	12,850	12,584	11,017	9,423	6,223	1,780	1,038	812	564	351	299
Cane or reed and manufactured rattan—1,000 lbs	[1] 5,163	4,011	3,235	2,376	1,080	1,541	622	422	305	186	69	110
Osier or willow for basket making—do	[1] 1,908	670	275	263	144	132	[1] 128	38	17	11	3	3
Manufactures of rattan, bamboo, osier, or willow (except furniture)							[5] 574	242	192	178	94	97
Furniture of rattan, reed, bamboo, grass, osier, willow, or fiber							2,479	282	162	138	106	54
Other furniture of wood								4,489	3,912	2,071	897	1,007
Mfrs. of wood, product of Philippine Islands							38	73	59	42	20	20
Other manufactures of wood							3,486	3,254	2,468	1,596	1,137	1,124
D. Cork and manufactures							4,639	10,104	7,852	3,788	2,009	3,258
Wood or bark, unmanufactured—1,000 lbs	56,824	100,723	74,820	55,519	29,599	93,932	1,398	2,981	2,627	1,619	684	1,698
Waste, shavings, etc—do	140,950	139,412	99,794	79,882	88,838	93,252	1,749	3,209	2,871	1,394	1,172	1,157
Disks, wafers, and washers—do	428	633	305	92	51	155	344	507	207	60	35	138
Cork insulation							[1] 764	2,636	1,844	576	30	21
Cork stoppers—1,000 lbs		394	227	110	96	273	[10] 390	416	152	72	43	184
All other cork manufactures							661	356	152	67	39	60
E. Paper base stocks							94,219	114,498	106,922	75,193	54,401	65,329
Pulp woods—1,000 cords	1,248	1,492	1,582	1,022	648	723	13,607	15,686	17,017	11,211	5,582	5,362
Rough spruce—do	286	409	301	182	114	119	2,956	4,076	3,088	1,940	912	900
Other rough—do			30	5		1			258	43		3
Peeled spruce—do	844	1,029	1,012	620	459	492	9,082	10,910	11,458	7,229	4,207	3,801
Other peeled—do			223	198	72	100			2,043	1,786	433	585
Rossed spruce—do	117	53	16	17	3	12	1,569	700	169	213	29	73
Other rossed—do									1			
Wood pulp—tons of 2,240 lbs	1,165,276	1,584,480	1,634,122	1,425,376	1,323,000	1,733,556	67,002	86,044	81,109	60,887	46,903	57,389
Mechanically ground wood pulp—do	229,222	244,866	267,171	188,004	168,272	187,686	7,183	6,615	7,146	4,494	3,208	3,211
Sulphite wood pulp—												
Unbleached—do	446,770	649,989	665,049	540,006	508,088	643,003	24,924	34,481	33,194	22,995	17,048	19,946
Bleached—do	221,605	314,199	322,886	320,016	311,046	400,697	18,545	23,866	22,722	18,930	14,727	19,142
Soda pulp—do	1,226	[13] 1,932	1,932	3,055	1,569	3,568	76	[13] 126	126	166	66	139
Sulphate wood pulp, unbleached (Kraft pulp)—tons of 2,240 lbs	249,746	359,755	357,551	344,612	310,659	461,980	15,270	20,004	16,452	12,035	9,819	12,568
Sulphate wood pulp, bleached—do	16,708	15,285	19,533	29,683	23,366	36,622	1,004	1,052	1,469	2,267	1,976	2,362
Other pulp—do	[1] 1,695	4,472	2,376	254	179	188	[1] 109	329	178	21	18	30
Rags for paper stock—1,000 lbs	379,223	406,573	281,592	116,681	86,469	171,504	8,318	8,224	5,565	1,571	1,116	1,414
Waste bagging, waste paper, etc—do	[1] 122,179	215,975	221,568	123,285	84,970	105,046	[1] 1,775	4,213	3,052	1,503	781	1,154
Old rope and all other paper stock—do	118,277						4,162					

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[7] Average for years 1922–1925.
[10] 1925 only.
[13] 1930 only.
[16] 1921 only.
[18] "Cedar" prior to 1923.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 4. WOOD AND PAPER—Continued												
F. Paper and manufactures							105,239	151,219	147,461	125,623	94,135	77,447
Printing paper—												
Standard newsprint 1,000 lbs.	2,374,511	4,242,903	4,559,303	4,133,812	3,584,260	3,587,082	90,895	134,239	131,800	112,170	84,721	68,495
All other, n. e. s. do.	13,335	8,219	2,601	3,000	3,639	4,189	657	405	123	94	97	89
Grease-proof and waterproof papers do.	[1] 2,306	1,584	1,033	357	431	618	[1] 249	326	294	75	57	83
Kraft wrapping paper do.	46,975	9,842	7,584	3,997	7,237	8,318	1,995	418	297	169	221	276
All other wrapping paper do.		8,870	2,540	2,903	2,538	1,746		292	143	136	79	66
Writing, letter, drawing, etc., papers do.	[1] 3,139	3,384	3,407	2,476	1,681	1,607	[1] 672	869	831	477	264	273
Writing paper and envelope combinations								[3] 263	[3] 263	253	92	34
Surface-coated 1,000 lbs.	1,269	2,197	1,858	1,099	838	1,252	344	916	762	538	343	464
Uncoated paper, decorated or embossed do.		[3] 92	[3] 92	146	51	26		[3] 29	[3] 29	38	13	8
Tissue, copying, etc., paper do.	[1] 2,385	3,551	3,062	2,006	1,425	1,571	[1] 1,022	1,935	1,713	1,132	598	615
Pulp boards in rolls do.	65,850	57,041	42,815	23,263	21,666	12,581	1,786	1,307	970	495	367	218
Paper boards, pulp boards, and cardboard 1,000 lbs.		[3] 18,540	14,027	14,154	10,436	13,683	[1] 735	606	333	296	183	230
Leather board, test and wall board do.		[2] 1,514	1,615	2,344	2,366	10,192		[2] 72	103	121	135	369
Cigarette paper, cigarette books and covers 1,000 lbs.	[1] 11,275	12,241	14,198	20,737	17,442	15,349	3,362	3,618	4,301	5,396	4,141	3,426
Hanging paper (wall paper) do.	[1] 10,022	2,614	2,145	1,034	404	243	541	651	618	305	98	72
Duplex decalcomania, not printed do.	[1] 447	621	502	406	288	374	123	147	119	85	47	71
Paper boxes							[5] 1,264	1,435	1,252	969	700	403
Pulp or papier-mâché and manufactures of, n. e. s.								461	543	418	265	366
All other paper and manufactures							3,423	3,492	2,967	2,456	1,713	1,889
GROUP 5.—NONMETALLIC MINERALS												
Total							230,110	280,241	245,773	154,255	96,138	66,021
A. Coal and related fuels							12,330	7,572	6,988	6,186	5,137	4,055
Anthracite coal tons of 2,240 lbs.	186,362	442,799	602,511	569,599	542,051	407,368	1,560	3,626	4,376	4,143	3,529	2,617
Bituminous coal, shale, and lignite 1,000 tons of 2,240 lbs.	1,646	422	215	185	167	176	9,804	2,091	1,149	1,016	892	816
Bituminous coal, shale, and lignite do.	[7] 1,236	76	33	24	22	46	[7] 7,378	351	120	79	55	89
Bituminous coal, etc. do.	[1] 572	346	182	161	145	130	[1] 3,199	1,740	1,029	937	837	727
Coke tons of 2,240 lbs.	88,327	152,412	118,459	92,467	104,710	143,637	881	1,361	1,044	691	370	484
Charcoal, briquets, etc.							[1] 92	492	419	336	347	138

B. Petroleum and products							90,793	131,901	145,116	92,741	60,630	25,887
Crude petroleum, 1,000 bbls. of 42 gals.	94,857	67,919	62,129	47,250	44,700	31,924	68,012	78,641	64,872	39,221	30,424	17,718
Refined petroleum oil products, do.	12,545	23,779	43,381	38,702	30,228	13,990	22,214	51,788	78,738	52,149	29,241	7,212
Topped, including fuel oils, do.	9,673	15,290	26,080	24,998	21,725	13,933	11,356	14,191	18,875	16,215	11,400	6,839
Tops and other unfinished distillates, do.		218	149	40	12	19		644	194	232	116	157
Gasoline, naphtha, and other finished light products, 1,000 bbls. of 42 gals.	2,840	8,100	16,927	13,621	8,394	25	10,617	36,156	58,604	35,069	17,287	90
Illuminating oil (kerosene), do.	[1] 12	148	200	11	78	9	[1] 85	482	649	69	116	55
Lubricating oils, including paraffin oil, do.	[1] 26	24	25	32	19	4	[1] 190	314	416	564	322	71
Paraffin and paraffin wax, 1,000 lbs.	10,458	25,290	30,402	37,835	33,255	36,635	566	1,472	1,506	1,371	965	957
C. Stone, sand, cement, and lime							5,906	8,400	6,106	3,326	1,795	1,670
Marble, breccia, and onyx—												
In blocks, or sawed over 2 inches thick, 1,000 cu. ft.	587	777	750	237	146	59	1,220	1,884	1,671	563	300	188
Manufactures							333	760	605	374	136	116
Granite, 1,000 cu. ft.				108	67	50		[3] 159	[3] 159	278	167	108
Other building or monumental stone, n. e. s.							598	914	884	409	241	242
Other stone, n. e. s.							198	256	253	138	82	83
Cement, Roman, Portland, and other hydraulic, 1,000 bbls.[19]	1,558	2,055	982	470	468	478	2,582	2,852	1,154	545	368	407
Lime and limestone, crude, 1,000 lbs.	[1] 45,351	57,842	59,580	43,401	33,301	21,010	[1] 368	357	290	192	106	105
Gypsum or plaster rock—												
Crude, tons of 2,240 lbs.	407,930	825,046	805,677	637,393	333,993	320,973	648	1,153	917	713	347	374
Ground, calcined, cements, and other manufactures							103	193	173	114	47	47
D. Glass and glass products							16,989	15,203	8,875	6,397	3,667	3,518
Cylinder, crown and sheet—												
Plain, 1,000 lbs.	[20] 44,800	62,692	14,670	7,721	3,614	4,390	[20] 2,342	2,253	573	292	116	162
Bent, beveled, colored, etc., do.				1,767	779	710	[1] 613	482	347	254	108	80
Plate glass—												
Plain, 1,000 sq. ft.	15,896	15,935	5,298	4,887	1,170	596	8,246	4,234	1,082	1,126	244	141
Bent, beveled, colored, etc., or silvered, do.			577						189			
Rolled glass, ground, obscured, bent, beveled, colored, etc.								[3] 29	[3] 29	115	74	41
Bottles, vials, jars, and other containers							248	428	1,138	534	389	633
Pressed glass articles							[1] 172	221	206	139	106	126
Tubes and rods								[3] 52	[3] 52	127	71	77
Blown glass articles							3,546	4,778	3,038	2,106	1,476	1,272
Illuminating articles								877	602	369	202	185
Scientific articles and utensils								553	502	389	273	251
Other glassware							2,136	1,360	1,117	946	608	552

[1] Average for years 1923–1925.
[2] Average for years 1928–1930.
[3] June 18 to Dec. 31, 1930.
[5] Average for years 1924 and 1925.
[7] Average for years 1922–1925.
[19] Barrels of 376 pounds.
[20] "Cylinder, crown, and sheet" prior to 1923.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 5.—NONMETALLIC MINERALS—Continued												
E. Clay and clay products							19,235	23,824	18,224	10,071	5,558	6,940
Clays and earths—												
Kaolin, china, and paper clay (tons of 2,240 lbs.)	270,129	278,349	210,911	135,210	89,086	103,732	2,792	2,856	2,197	1,057	461	632
Fluorspar (do.)	[1] 31,539	56,003	57,949	18,491	11,818	9,507	[1] 365	555	545	211	133	106
Other clays, n.e.s.							607	674	646	627	464	612
Pottery							15,056	18,060	14,070	7,845	4,375	5,526
China and porcelain wares—												
Domestic or household (1,000 doz.)		9,014	6,078	4,706	4,398	5,594	9,202	9,412	6,146	3,255	1,827	2,301
Hotel and restaurant (do.)			219	76	50	46			373	131	68	65
Other china and porcelain								1,285	1,165	1,066	622	701
Earthen, crockery, and stone ware—												
Table, toilet, and kitchen ware—												
Domestic or household (do.)		4,859	3,888	2,423	2,308	3,368	4,736	5,426	4,016	2,224	1,299	1,817
Hotel ware, plain or decorated (do.)			338	98	54	50			474	107	39	38
Sanitary earthenware (do.)				1,139	809	817	909	1,784	1,806	997	470	557
Common earthen and stone and Rockingham earthenware							[1] 329	154	90	64	50	47
Tiles (1,000 sq. ft.)		5,387	2,977	1,500	726	425	[1] 884	1,108	563	265	99	38
Bricks								569	204	67	26	27
Precious stones and pearls and imitations							66,473	68,836	40,592	22,992	12,918	13,752
Diamonds—												
Rough, uncut (carats)	153,216	265,862	209,591	85,249	40,153	28,895	7,831	10,399	5,641	3,852	1,513	1,648
Cut, but not set (do.)	453,028	430,743	295,351	201,998	183,103	178,937	43,692	39,954	23,268	11,965	7,826	8,360
Glaziers', engravers', and miners' diamonds, not set (carats)	32,425	61,474	145,958	224,970	163,704	263,484	1,087	2,734	2,757	2,401	1,062	1,263
Pearls and parts, not strung or set							6,741	6,354	2,782	1,284	622	776
Imitation precious stones							2,184	3,065	1,788	1,570	953	944
Other precious stones, rough, uncut							640	272	181	369	54	76
Other precious and semiprecious stones, cut but not set							4,299	6,058	4,176	1,551	887	684
G. Other nonmetallic minerals							18,384	24,501	19,865	12,536	6,430	10,050
Abrasives							3,082	4,040	3,679	2,364	829	2,108
Natural abrasives—												
Corundum ore (tons of 2,240 lbs.)	2,418	2,707	2,794	639	168	925	165	163	161	37	8	49
Emery ore (do.)	5,453	4,544	3,796	2,103	602	262	159	101	64	34	6	6

Pumice stone and manufactures							[1] 123	132	95	77	51	75
Flint, unground tons of 2,240 lbs.	13,534	11,947	6,121	5,617	3,352	4,143	123	109	62	55	27	29
Other natural abrasives							[7] 291	3,129	2,994	120	71	102
Artificial abrasives, crude 1,000 lbs.	60,599	[21] 116,825		78,575	17,095	58,711	1,962			1,861	510	1,639
Other abrasives and manufactures							378	405	303	180	155	207
Asbestos—												
Crude (including blue fiber) tons of 2,240 lbs.	151,443	211,253	9,410	4,605	1,473	2,814	5,655	8,706	2,134	611	187	413
Mill fiber do.			61,618	41,777	27,523	43,114			3,120	1,994	1,227	2,187
Stucco and other unmanufactured do.			115,295	75,369	57,391	60,805			1,811	1,145	837	942
Shingles and slates of asbestos cement 1,000 lbs.	[1] 24,153	62,962	3,915	1,820	92		472	1,126	61	28	3	40
Other manufactures do.									160	138	32	
Asphalt and bitumen tons of 2,240 lbs.	121,501	106,167	47,498	65,779	18,280	19,380	1,064	893	457	726	251	278
Earthy and mineral substances and articles, n.e.s.							166	752	1,082	851	463	498
Carbon and manufactures							323	507	401	316	232	167
Chalk—												
Unmanufactured tons of 2,240 lbs.	101,968	103,477	102,866	74,112	58,148	85,190	143	124	108	98	61	95
Manufactures 1,000 lbs.	[1] 14,648	7,276	2,242	48	31	13	121	103	52	3	2	3
Cryolite or kryolith tons of 2,240 lbs.	[5] 8,082	7,132	8,315	7,908	3,782	4,141	[5] 506	573	696	581	291	298
Mica—												
Unmanufactured 1,000 lbs.	691	1,590	4,555	4,570	2,956	3,843	447	494	453	130	79	177
Mica splittings do.	[1] 5,391	4,077	2,749	1,206	907	1,040	1,437	1,324	918	325	165	202
Cut, ground, or manufactured do.			42	15	126	556			70	4	7	14
Pyrites, or sulphuret of iron, containing more than 25 percent sulphur 1,000 tons of 2,240 lbs.	256	391	368	352	253	374	929	1,038	1,037	1,496	691	1,132
Talc, steatite, and French chalk 1,000 lbs.	35,574	53,174	50,424	47,096	39,956	43,891	368	573	509	437	357	384
Magnesite—												
Crude and calcined do.	167,439	17,234	8,517	5,937	3,796	3,721	1,287	189	87	60	31	33
Dead burned and grain do.		111,025	93,873	41,872	14,045	31,331		813	702	332	104	234
Salt do.	193,988	100,311	108,530	67,028	67,708	58,874	424	166	146	83	76	70
Graphite or plumbago do.	29,904	36,861	33,451	18,180	14,031	16,106	553	829	625	260	151	211
Mineral wax do.	6,358	9,811	12,475	8,910	5,150	6,658	341	598	722	429	274	454
Other nonmetallic minerals, n.e.s.							1,379	1,652	835	125	78	108
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES												
Total							243,257	334,072	266,375	146,081	74,158	116,011
A. Iron ore and concentrates 1,000 tons of 2,240 lbs.	1,691	2,709	2,775	1,466	582	861	6,955	6,726	8,113	3,902	1,539	2,054

[1] Average for years 1923–1925.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[7] Average for years 1922–1925.
[21] Average for years 1926–1929.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES—Continued												
B. Iron and steel semimanufactures							11,711	11,089	7,318	5,383	4,029	3,827
Granular or sponge iron, tons of 2,240 lbs.		[3] 81	[3] 81	210	185	619		[3] 3	[3] 3	8	5	14
Pig iron, do	285,772	200,766	137,031	84,411	130,630	158,596	6,021	3,280	1,807	979	1,302	1,439
Iron and steel scrap, do	102,632	65,642	27,482	16,279	9,775	57,074	1,498	918	395	118	59	438
Steel bars, 1,000 lbs.	[22] 69,262	164,372	108,337	202,434	132,548	54,765	[22] 1,664	3,606	2,303	2,562	1,240	860
Bar iron, do	15,153	7,437	3,081	1,913	1,131	1,118	394	188	102	48	26	31
Wire rods, do	9,600	32,192	19,808	15,936	17,771	29,880	316	877	585	472	397	748
Boiler or other plate iron or steel sheets, do	[1] 4,414	9,919	4,239	1,692	943	532	[1] 89	140	60	33	11	8
Steel ingots, blooms, slabs, etc., do	55,321	51,405	49,982	44,851	5,367	2,326	2,130	959	749	519	75	58
Sheets of iron or steel, skelp, saw plates, and steel, n. e. s., 1,000 lbs.	5,371	43,440	59,570	36,180	48,901	20,833	251	964	1,248	601	442	290
Tin plate, terneplate, and taggers tin, do	6,537	2,102	585	439	16,231	584	373	156	67	43	472	40
C. Steel-mill products—manufactures							7,707	17,309	12,196	9,047	5,593	5,833
Structural shapes and building forms, 1,000 lbs.	62,635	320,440	269,547	162,017	81,866	65,621	1,232	4,895	4,094	2,226	642	610
Rails for railways, do	71,059	44,454	18,607	11,217	12,684	14,344	1,012	546	240	100	196	177
Pipes and tubes, do	[1] 106,271	214,007	74,652	50,250	16,099	16,556	[1] 2,790	5,471	2,714	1,905	679	761
Cast-iron pipe, do		129,455	26,598	14,877	560	2,037		1,707	319	183	6	26
Other pipes and tubes, do		84,552	48,054	35,373	15,539	14,518		3,764	2,395	1,722	673	735
Wire and manufactures—												
Barbed wire, do		10,483	10,472	23,774	32,573	18,593		270	246	434	588	382
Round wire, do	[1] 8,276	10,328	9,484	5,715	4,217	7,044	[1] 792	720	590	338	212	368
Telegraph, telephone, and other insulated wire [23], 1,000 lbs.				101	38	63	[1] 871	63	34	26	8	5
Flat wire and steel strips, do	[1] 4,300	5,403	2,462	1,613	2,235	2,968	[1] 2,239	1,638	993	464	480	720
Card clothing, 1,000 sq. ft.	[1] 322	259	161	128	73	205	[1] 498	413	256	174	70	240
Wire rope and strand, 1,000 lbs.		[2] 5,018	5,817	4,367	4,037	3,748		[2] 402	465	280	214	235
Other wire manufactures							653	903	513	699	577	554
Hoop or band iron or steel for baling, 1,000 lbs.		[2] 42,073	11,822	19,310	28,435	9,011		[2] 799	190	251	348	106
Hoop, band, or scroll iron and steel, n. e. s., 1,000 lbs.		[3] 21,905	[3] 21,905	43,390	43,196	38,753		[3] 396	[3] 396	658	459	508
Nails [24], do	[1] 3,189	16,254	13,474	18,158	24,362	14,490	[1] 117	549	544	633	721	518
Castings and forgings, do	[1] 6,378	5,567	3,419	3,977	2,198	3,220	[1] 402	345	244	238	105	203
Tanks, drums, or vessels for gas or liquids, number		181,238	217,437	214,618	153,110	198,092		685	609	558	288	423
Autoclaves, converters, separators, stills, ovens, etc., and parts								[3] 67	[3] 67	63	4	22
D. Iron and steel, advanced manufactures							8,343	6,973	5,137	3,287	2,183	2,581
Cutlery—												
Razors and parts, thousands	7,219	47,780	64,419	2,385	690	345	354	492	420	159	89	127

Scissors, shears, and clippers ---do---	4,562	1,429	1,089	1,015	1,106	718	582	285	217	173	96	82
Pen, pocket, and other folding-blade knives ---thousands---	7,391	3,829	2,096	1,604	1,227	738	602	202	118	73	44	26
Other cutlery ---do---	[1] 1,378	1,215	1,137	990	729	2,915	412	429	370	292	219	245
Enameled or glazed ware and utensils ---1,000 lbs---	[1] 993	1,004	951	828	537	527	300	237	215	176	92	118
Tools							[1] 531	861	789	639	584	899
Needles, hand, sewing, and darning [25] ---millions---	996	749	682	797	837	816	1,099	830	630	625	420	477
Other needles							330	231	160	160	177	211
All other iron and steel manufactures, n. s. p. f.							4,296	3,406	2,217	990	461	397
E. Ferro-alloys							13,299	18,463	17,668	11,219	4,546	6,879
Manganese ore—												
Product of—												
Cuba {Gross weight ---tons of 2,240 lbs---	11,495	6,201	2,071	3,804	6,749	28,257	166	98	32	20	112	431
Cuba {Manganese content ---do---		[15] 2,156	899	1,199	3,416	14,573						
Other manganese ore (manganese content) ---tons of 2,240 lbs---	295,757	291,335	277,171	244,711	50,137	64,817	4,821	7,878	6,444	5,085	1,108	947
Ferromanganese and other alloys (manganese content) [26] ---tons of 2,240 lbs---	61,510	45,347	38,452	17,763	14,586	32,442	5,244	4,632	3,992	1,607	1,011	2,707
Chrome ore or chromite ---do---	113,752	260,515	330,531	212,528	89,143	116,511	965	2,268	3,513	3,315	1,626	1,426
Chromium and alloys ---1,000 lbs---	[1] 1,994	1,139	363	213	516	222	[1] 135	126	36	24	84	65
Ferrosilicon (silicon content) ---do---	22,683	17,896	11,621	1,654	377	2,580	819	1,019	643	106	27	185
Tungsten and alloys (tungsten content) ---do---	[1] 1,262	3,642	3,614	1,191	109	666	349	1,184	1,659	246	19	169
Vanadium ore ---tons of 2,240 lbs---		5,609	5,168				541	562	492			
Other ores of ferro-alloying metals ---1,000 lbs---		[15] 4,982	16,341	68,117	75,262	87,227		[15] 43	86	177	288	226
Other ferro-alloying metals							281	662	771	639	266	722
F. Nonferrous metals, except precious							177,625	254,196	204,616	106,958	52,863	89,071
Aluminum							9,673	13,082	7,034	4,582	2,817	4,522
Bauxite, crude ---tons of 2,240 lbs---	146,743	356,841	415,058	306,490	205,620	149,548	690	1,611	2,008	1,496	1,043	900
Metal, crude, scrap, and alloy ---1,000 lbs---	37,280	51,576	24,499	13,804	8,005	16,711	7,811	10,714	4,437	2,369	1,260	3,109
Manufactures—												
Plates, sheets, bars, etc ---do---		125	48	169	120	169		30	15	42	29	47
Hollow ware ---do---		139	92	116	127	100	1,172	72	54	60	52	45
Other manufactures								654	519	615	432	422
Copper [27] ---1,000 lbs---	597,949	815,261	817,154	585,891	391,991	287,434	77,811	108,243	104,616	48,744	23,735	17,554
Copper ores, concentrates and regulus ---do---	133,996	162,832	162,894	124,457	59,940	52,728	16,800	19,253	17,912	8,942	3,361	2,982
Ores (copper content) ---do---	86,168	107,634	101,317	23,580	14,015	12,451	10,905	12,510	11,395	1,683	717	795
Concentrates (copper content) ---do---	41,863	52,603	56,871	99,408	44,195	37,833	5,140	6,441	5,980	7,146	2,567	2,044
Regulus, coarse, metal, and cement copper (copper content) ---1,000 lbs---	5,965	2,594	4,706	1,469	1,731	2,443	755	301	536	113	76	142
Unrefined, black, blister, and converter copper, in pigs, bars, etc ---1,000 lbs---	343,988	526,444	560,469	281,851	161,688	223,582	44,850	70,841	74,248	24,055	9,216	13,774
Refined copper ---do---	109,309	115,760	86,210	174,450	167,794	10,863	14,918	16,841	11,374	15,349	10,974	614

[1] Average for years 1923–1925.
[2] Average for years 1928–1930.
[3] June 18 to Dec. 31, 1930.
[15] Average for years 1927–1930.
[22] Average for years 1921 and 1925.
[23] "Wire rope, insulated wire, etc." prior to 1926.
[24] "Nails and screws" prior to 1926
[25] "Hand-sewing, darning, and shoe machine" prior to 1922.
[26] Gross weight prior to Sept. 22, 1922.
[27] Not including pounds of "Copper manufactures, n. e. s."

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 6.—Metals and manufactures, except machinery and vehicles—Continued												
F. Nonferrous metals, except precious—Continued.												
Copper—Continued.												
Scrap, scale, and clippings—1,000 lbs.	9,334	10,042	7,499	5,100	2,530	261	953	1,088	836	278	101	16
Composition metal, copper chief value—do.	1,322	183	82	33	40		176	26	8	2	1	
Copper manufactures, n.e.s.							113	194	239	118	81	169
Brass, and bronze, and manufactures							4,889	3,427	2,550	1,441	668	586
Old brass, etc., for remanufacture—1,000 lbs.	49,147	9,993	7,145	4,423	2,517	2,170	3,764	822	536	215	64	86
Brass manufactures							528	1,406	1,077	598	246	195
Bronze manufactures							597	1,198	937	628	358	306
Lead (lead content)[29]—1,000 lbs.	222,701	267,460	158,235	108,008	69,406	15,452	11,411	15,181	9,049	3,605	1,738	490
Ore, matte, and bullion—												
Ore and matte (lead content)—do.	57,975	78,151	78,754	41,776	42,002	11,917	2,825	4,409	4,236	1,413	1,004	291
Bullion or base bullion (lead content)—1,000 lbs.	130,812	178,695	77,261	64,640	26,924	3,174	6,796	9,212	3,936	1,616	519	95
Pigs, bars, old and scrap[30]—do.	30,088	6,005	419	20	87	219	1,506	420	22	2	2	4
Babbitt metal, solder, etc. (lead content)[31]—1,000 lbs.		1,345	1,060	620	382	3		684	593	437	144	2
Manufactures of lead, n.e.s. (except type metal)							84	180	168	109	69	59
Type metal and antimonial lead—gross weight—1,000 lbs.	[10] 6,009	3,965	881	1,120	13	742	[1] 332	276	44	28	1	39
Type metal and antimonial lead—lead content—do.	4,317	3,265	741	952	11	139						
Nickel							5,232	13,094	12,872	7,680	4,660	10,757
Ore and matte—1,000 lbs.	8,195	18,709	20,593	11,630	5,918	18,918	820	1,747	2,940	1,531	775	2,475
Nickel and alloys in pigs, etc.—do.		42,068	33,323	23,862	14,923	31,605	4,411	10,794	9,600	6,060	3,733	7,846
Nickel oxide—do.		1,772	1,353	305	688	2,322		276	210	48	120	421
Nickel in bars, plates, sheets, etc., and manufactures								187	122	41	32	15
Tin—												
Ore (tin content)—tons of 2,240 lbs.	5,812	194	289	30	17	24	2,703	116	177	7	4	11
Bars, blocks, pigs, etc.—1,000 lbs.	132,173	176,571	180,844	147,984	77,995	140,766	56,522	88,943	60,234	36,724	16,474	51,188
Zinc—												
Ore (zinc content)—do.	10,537	26,657	51,776	1,560	3,808	4,267	462	1,118	1,990	40	72	78
Blocks, pigs, etc., and old—do.	2,745	262	694	549	622	3,882	117	12	28	15	20	135
Zinc dust and other manufactures							144	106	93	25	18	18
Antimony—												
Ore—gross weight—1,000 lbs.		5,839	2,922	28,030	7,357	10,891	33	268	226	260	74	107
Ore—antimony content—do.	1,127	3,394	1,726	9,726	2,657	4,256						
Needle, liquidated, regulus, or metal—do.	18,079	24,146	17,012	10,391	4,007	5,116	1,086	2,173	903	445	122	174

Cobalt ore and metal.....do....	176	711	660	249	150	838	352	1,138	1,003	263	161	449
Quicksilver or mercury.....1,000 lbs..	[1] 1,395	1,295	224	27	617	1,714	[1] 915	1,495	296	33	231	778
Other ores, metals, and alloys, n.e.s							566	794	517	255	104	266
Manufactures of metals, n.e.s							6,075	5,096	3,027	2,840	1,965	1,957
G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin							17,617	19,308	11,308	6,283	3,408	5,650
Gold and silver sweepings							429	259	262	167	440	([31a])
Platinum.....oz. troy..	[1] 96,244	114,667	106,155	91,728	33,218	111,283	8,400	8,432	4,325	2,589	964	2,945
Ores of platinum metal (platinum content).....oz. troy..		494		1,097	160	([5a])		43		27	5	([5a])
Grains, nuggets, sponge or scrap.....do....		82,269	81,229	67,078	25,440	71,511		5,858	3,364	1,905	722	1,820
Ingots, bars, sheets or plates, etc.....do....		31,904	24,926	23,553	7,618	33,767		2,531	961	657	237	1,126
Platinum metals and native combinations—												
Iridium.....oz. troy....	17,255	4,163	4,196	1,773	1,397	5,513	1,424	631	665	196	69	207
Osmium and osmiridium.....do....		6,896	6,754	5,837	5,326	5,667		469	385	275	193	158
Palladium.....do....		14,168	18,506	28,070	15,445	37,790		395	354	390	168	574
Rhodium and ruthenium.....do....		2,706	3,610	2,224	661	1,827		106	107	80	22	55
Jewelry							1,631	2,950	2,345	944	534	275
Metal articles for personal use and adornment							[1] 769	1,343	423	162	147	116
Rosaries, chaplets, and similar articles.....1,000 doz..		[3] 166	[3] 166	242	228	214		[3] 80	[3] 80	110	85	95
Lahn, tinsel threads, bullion, etc.....1,000 lbs..		1,263	350	329	188	186	4,338	1,353	377	219	156	219
Braids, fabrics, laces, etc								1,827	725	343	132	213
Other manufactures and plated articles							934	1,529	1,262	808	496	792
GROUP 7.—MACHINERY AND VEHICLES												
Total							17,768	31,233	30,484	16,724	8,493	8,574
A. Electrical machinery and apparatus							1,755	2,794	2,983	2,911	1,949	1,547
Electric lamps—Incandescent—												
Carbon filament.....thousands..	16,234	27,624	13,607	1,599	170	170	565	1,023	491	55	4	2
Other.....do....		9,546	29,552	68,513	113,867	120,535	637	340	779	1,370	1,163	797
Other electrical machinery and apparatus							[1] 895	1,431	1,712	1,486	782	747
B, C, D. Industrial, office, and printing machinery							11,393	18,604	16,566	7,988	4,890	5,194
Engines and parts n. e. s							[1] 641	584	549	295	227	204
Metal-working machine tools and parts							320	773	901	268	233	114
Textile machinery							5,849	6,068	4,981	1,898	1,310	1,401
Embroidery, lace, and lace-curtain machines and parts							[1] 75	123	101	109	131	75
Hosiery-knitting machines							[1] 1,525	3,547	2,462	634	364	195
Other knitting, braiding, and insulating machines and parts									374	126	61	149

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[5a] Less than 500.
[10] 1925 only.
[29] Not including pounds of "lead manufactures, n. e. s."
[30] "Pigs and bars" prior to Jan. 1, 1927.
[31] "Scrap lead, Babbitt metal, solder, etc.," prior to Jan. 1, 1927.
[31a] Gold and silver sweepings have been included in 1933 with imports of gold ore, bullion and coin shown in Table 466.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 7.—MACHINERY AND VEHICLES—Continued.												
B, C, D. Industrial, office, etc., machinery—Contd.												
Textile machinery—Continued.												
Cotton-manufacturing machinery and parts							[5] 262	413	318	130	72	146
Wool-manufacturing machinery and parts								368	327	148	66	152
Other textile machinery and parts							[7] 4,213	1,616	1,398	751	616	685
Sewing machines and parts							495	445	329	174	160	230
Antifriction balls, rollers, and bearings, 1,000 lbs.	[1] 895	1,267	1,120	547	272	494	708	1,039	817	392	150	295
Cream separators, over $50 each, and other centrifugal machines and parts								[3] 86	[3] 86	147	94	66
Other industrial, office, and printing machinery							4,002	9,678	8,902	4,814	2,715	2,884
E. Agricultural machinery and implements							2,592	6,670	8,545	3,267	989	1,062
Cream separators, not over $50 each, number	[1] 20,156	27,554	15,182	4,624	2,045	7,508	517	597	292	74	36	146
Plows and cultivators, do	[1] 3,419	6,632	4,416	1,435	525	613	[1] 212	543	353	129	39	129
Tractors, do		[3] 28	[3] 28	2,098	18	69		[3] 14	[3] 14	1,259	11	34
Headers, harvesters, and reapers, do		[5] 651	149	123	37	14		[6] 465	53	100	20	3
All other, including agricultural vehicles							1,947	5,340	7,833	1,705	883	750
F. Automobiles and other vehicles, except agricultural							2,023	3,165	2,389	2,479	641	771
Automobiles and chassis, number	628	694	708	736	540	534	897	1,168	875	769	251	298
Bodies and parts of automobiles, except tires								1,341	983	465	229	121
Other vehicles and parts							1,126	656	532	1,245	159	352
GROUP 8.—CHEMICALS AND RELATED PRODUCTS												
Total							112,100	132,811	112,070	82,738	47,852	59,938
A. Coal-tar chemicals							16,058	21,370	16,273	11,164	9,158	9,997
Coal-tar products, crude—												
Dead or creosote oil, 1,000 gals.	62,713	83,608	66,922	36,885	29,300	18,588	8,701	11,802	7,806	3,598	2,647	1,131
Other crude coal-tar products							888	1,403	1,376	793	577	971
Intermediates—												
Acids, 1,000 lbs.	297	1,415	825	817	333	333	77	159	53	80	202	234
All other intermediates, do	2,257	1,525	1,423	875	936	1,502	581	1,035	1,022	599	584	1,327
Finished products—												

Coal-tar medicinals	do	[5] 100	108	72	39	30	19	242	270	273	252	164	90
Other finished coal-tar products	do		85	150	101	93	70	40	210	458	330	296	184
B. Medicinal and pharmaceutical preparations								4,917	5,573	4,948	3,792	2,530	3,605
Quinine sulphate	1,000 oz.	3,453	1,805	1,253	1,499	462	1,639	1,436	668	449	498	154	558
All other quinine and other alkaloids and salts from cinchona bark	1,000 oz.		1,125	877	755	321	1,256		403	333	292	94	357
Other alkaloids and salts of								546	240	276	136	104	146
Menthol	1,000 lbs.	[5] 244	337	308	326	351	304	[5] 2,172	1,469	1,017	878	734	629
Antitoxins, serums, vaccines, etc., and blistering beetles								[1] 15	6	5	3	1	2
Other medicinals								825	486	282	145	56	569
Preparations in capsules, pills, tablets, etc.													643
All other preparations, n. e. s.								1,232	2,300	2,585	2,020	1,387	700
C. Industrial chemicals								22,912	26,541	22,701	16,507	13,619	17,237
Acetylene, butylene, ethylene, and propylene derivatives	1,000 lbs.		[3] 282	[3] 282	567	334	1,052		[3] 29	[3] 29	73	37	99
Acids and anhydrides—													
Arsenious acid or white arsenic	do	[1] 18,880	22,124	21,559	15,581	13,765	21,167	[1] 1,551	781	744	451	357	513
Formic	do	[1] 1,436	1,937	510	140	139	249	[1] 107	143	37	8	8	13
Oxalic	do	2,185	1,244	574	489	265	121	159	64	31	26	13	6
Sulphuric (oil of vitriol)	do	[1] 25,047	26,852	918	2,344	1,498	2,049	[1] 190	160	6	22	11	19
Tartaric	do	[1] 3,074	2,293	2,912	2,246	1,818	597	[1] 654	611	779	477	298	104
Acetic or pyroligneous	do		[6] 25,806	22,377	15,292	13,976	32,759		[6] 1,808	1,498	803	843	2,070
All other	do		10,430	2,330	1,332	1,191	2,564	1,048	953	325	235	182	391
Alcohols, including fusel oil								541	379	32	11	11	11
Ammonium compounds—													
Chloride (muriate)	1,000 lbs.	7,955	11,461	6,628	5,672	4,431	6,304	393	394	208	162	114	154
Nitrate	do	[1] 11,512	10,079	8,165	6,706	6,415	7,901	[1] 683	395	264	192	146	134
All other	do	[1] 2,319	1,201	661	526	215	830	[1] 104	60	39	30	10	71
Barium compounds	do	[1] 14,039	13,772	6,706	4,186	1,780	1,572	[1] 317	203	98	95	39	61
Calcium compounds, n. e. s.[32]	do	35,120	6,915	1,978	413	465	691	1,282	265	76	15	11	16
Cellulose products, n. e. s.	do		[3] 353	[3] 353	263	207	165		[3] 228	[3] 228	281	167	137
Cobalt oxide	1,000 lbs.	[1] 258	394	426	322	226	569	[1] 500	737	769	391	220	414
Copper sulphate (blue vitriol) gross wgt.	do	[5] 2,836	3,901	5,964	2,644	3,307	54	[5] 128	187	283	105	91	2
Lime—													
Chlorinated, or bleaching powder	do	5,147	2,961	2,370	2,017	2,252	1,907	107	76	64	60	62	61
Citrate of	do	4,916	[33] 1,768					635	[33] 178				
Glycerin	do	11,765	21,122	14,362	12,107	7,716	8,983	1,306	2,669	924	668	345	400
Crude	do		14,717	11,185	10,131	5,382	6,205		1,617	652	526	204	233
Refined	do		6,406	3,177	1,976	2,334	2,778		1,051	272	142	141	167
Iodine, crude	do	304	696	494	279	632	1,412	847	2,330	1,798	998	2,226	2,936
Magnesium compounds	do	[5] 24,425	19,446	10,942	11,926	11,479	11,433	[5] 205	222	172	198	146	161
Potassium compounds—													
Cyanide	do	2,908	158	91	94	54	86	246	47	32	34	19	31
Carbonate	do	8,530	16,502	18,241	15,167	10,457	13,487	368	759	848	664	429	663

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[5] Average for years 1924 and 1925.
[6] Average for years 1929 and 1930.
[7] Average for years 1922–1925.
[32] Acetate, carbide, chloride, crude, and nitrate for 1921 and 1922 and acetate, crude, and chloride for 1923.
[33] Average for years 1926 and 1927.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
GROUP 8.—CHEMICALS AND RELATED PRODUCTS—Con.												
C. Industrial chemicals—Continued.												
Potassium compounds—Continued.												
Hydroxide (caustic potash)[34] 1,000 lbs.	12,065	12,870	9,323	8,629	4,979	6,735	675	773	493	452	253	394
Argols, tartar and wine lees do.	20,054	19,890	18,082	19,314	18,108	13,494	1,436	1,872	1,836	1,605	996	721
Cream of tartar do.	[5] 932	190	60	93	37	11	[5] 103	33	11	16	4	1
Chlorate and perchlorate do.	[5] 9,660	13,624	15,106	12,416	11,404	13,770	[5] 395	495	541	439	416	581
Other potassium compounds, n. e. s. do.	12,152	11,320	3,943	7,067	2,692	3,114	830	553	251	341	168	213
Sodium compounds—												
Chlorate do.					707	1,105					26	39
Sulphate (salt cake) do.				145,493	122,247	198,538				804	644	885
Cyanide do.	22,802	33,686	26,401	18,695	17,585	21,934	1,982	2,668	2,043	1,711	1,729	2,023
Ferrocyanide (yellow prussiate) do.	[1] 1,979	1,551	1,590	1,185	1,354	611	[1] 190	128	137	102	118	51
Nitrite do.	[1] 3,745	540	61		3	4	[1] 156	20	3		1	1
All other, n. e. s.							1,231	1,951	2,129	676	485	575
Radium salts grains.		[2] 198	260	207	141	179		603	925	731	479	576
All other industrial chemicals							6,822	5,165	5,046	3,631	2,508	2,709
D. Pigments, paints, and varnishes							3,080	3,556	2,613	2,012	1,445	2,033
Mineral earth pigments—												
Iron oxide and iron hydroxide pigments 1,000 lbs.		23,801	17,038	12,087	9,709	13,202		567	375	255	171	257
Ochers and siennas do.	[1] 20,273	19,965	14,576	11,995	7,728	11,147	[1] 290	392	274	191	108	171
Other [35]							1,323	510	368	420	238	322
Chemical pigments—												
Lithopone and other zinc pigments 1,000 lbs.	19,319	19,177	15,042	11,354	9,447	11,187	871	886	670	429	272	313
Zinc oxide and leaded zinc oxide do.		[3] 1,246	[3] 1,246	2,914	5,345	5,092		[3] 90	[3] 90	189	242	248
All other do.				3,806	2,909	2,064	[1] 593	516	379	251	167	184
Paints, stains, and enamels							[1] 428	608	405	246	212	506
Varnishes 1,000 gals.	[1] 24	32	33	14	30	31	[1] 68	57	51	31	35	33
E. Fertilizers and materials 1,000 tons of 2,240 lbs.	1,613	2,152	1,978	1,446	887	1,225	57,139	67,997	59,771	45,441	18,689	24,574
Nitrogenous—												
Calcium cyanamide or lime nitrogen tons of 2,240 lbs.	59,990	132,442	144,522	51,314	62,543	63,842	3,049	4,862	4,874	1,537	1,628	1,416
Calcium nitrate do.	[1] 8,223	26,143	43,871	28,761	6,860	17,312	[1] 347	1,052	1,560	927	148	294
Sodium nitrate do.	780,430	839,008	568,594	550,613	50,430	122,866	37,158	33,252	21,445	21,112	1,472	2,343
Ammonium-sulphate nitrate do.		[15] 38,249	8,141	3,193		1		[15] 2,175	391	176		[5a]
Guano do.	[4] 14,801	28,783	40,431	13,849	24,231	59,772	[4] 525	1,247	1,656	504	490	1,118
Dried blood do.	[4] 7,279	10,804	11,333	8,835	3,739	6,380	[4] 415	679	627	359	92	192
Tankage [36] do.	[5] 25,888	[21] 28,120					[5] 847	[21] 1,002				
Sulphate of ammonia do.	8,574	24,040	33,784	114,285	307,311	351,254	479	1,003	1,159	3,196	5,410	6,179
All other do.	[7] 70,920	77,510	110,881	56,220	37,537	67,680	[7] 2,181	2,562	3,959	2,099	1,122	1,592

Phosphates—												
Bone ash, dust, and meal and other animal carbon for fertilizers—tons of 2,240 lbs	31,470	59,864	59,680	48,979	30,118	28,500	965	1,717	1,475	1,080	509	520
Other phosphate materials—do	[1] 15,061	41,056	36,631	21,743	37,141	32,293	[1] 199	461	434	291	433	399
Potash fertilizers—												
Chloride, crude (muriate of potash)—do	131,597	220,168	273,256	180,539	78,358	105,538	4,722	7,654	9,930	6,518	2,795	3,792
Sulphate, crude—do	55,406	78,200	86,257	56,842	28,071	59,325	2,257	3,455	3,947	2,628	1,202	2,262
Nitrate, crude, or saltpeter—do	4,336	9,800	12,799	15,509	17,067	25,593	274	459	620	708	831	880
Kainite—do	144,175	115,972	112,013	55,329	49,374	101,989	1,104	908	979	505	457	968
Manure salts—do	222,685	350,349	361,799	179,428	100,927	113,121	2,315	4,496	5,048	2,583	1,255	1,329
Other potash-bearing substances—do	[1] 34,295	13,943	547	488	351	449	[1] 404	217	5	4	3	6
Fertilizers, compounded or chemically combined, containing nitrogen, phosphoric acid, and potash—tons of 2,240 lbs		[2] 7,098	12,106	10,944	3,346	1,875		[2] 495	854	645	185	92
All other fertilizers—do	59,441	66,673	61,299	48,896	49,245	67,632	1,598	1,134	806	569	659	1,189
F. Explosives							918	1,022	911	566	371	244
Powder and other explosives							[1] 133	146	105	132	7	11
Firecrackers—1,000 lbs		[2] 4,272	4,609	2,614	2,307	1,792	[1] 746	782	754	396	346	220
Fireworks and ammunition							[1] 101	94	51	38	19	12
G. Soap and toilet preparations							7,076	6,739	4,785	3,064	2,038	2,184
Soap—												
Castile—1,000 lbs	1,938	3,018	3,664	2,754	1,770	2,020	234	361	347	254	138	183
Toilet—do	2,793	1,755	1,854	1,324	1,252	483	538	552	556	376	315	145
All other—do		1,933	1,504	1,604	1,740	1,224		214	179	184	125	112
Perfumery, bay rum, and toilet water							6,304	1,659	986	719	342	511
Perfume materials								3,228	2,142	1,101	873	1,022
Bath salts—1,000 lbs		[3] 38	[3] 38	27	23	24		[3] 11	[3] 11	7	3	5
Cosmetics, powders, creams, etc								721	563	423	242	206
GROUP 9.—MISCELLANEOUS												
Total							152,700	185,138	172,742	119,703	71,435	63,445
A. Photographic goods							6,442	5,729	3,959	3,183	2,409	2,782
Cameras and parts							387	453	573	640	474	591
Sensitized films, not exposed—												
Other than motion picture							4,356	3,444	1,677	144	167	227
Motion picture—1,000 lin. ft				151,552	130,764	128,292				1,133	854	900
Film negatives for motion pictures—do	2,391	2,424	2,580	2,295	2,218	2,470	766	335	368	208	207	321
American films exposed abroad (negatives, undeveloped)—1,000 lin. ft		[3] 37	[3] 37	329	434	196		[3] 5	[3] 5	29	21	11
Film positives—do	5,997	4,542	4,894	6,148	4,332	4,514	289	195	225	217	128	182
Other films and dry plates							88	227	253	213	140	104
Photographic paper—1,000 lbs	2,689	3,819	2,931	2,415	1,768	1,229	556	1,073	858	599	418	446

[1] Average for years 1923–1925.
[2] Average for years 1928–1930.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[5a] Less than 500.
[7] Average for years 1922–1925.
[15] Average for years 1927–1930.
[21] Average for years 1926–1929.
[34] "Hydrate" prior to Sept. 22, 1922.
[35] All paints, colors, and varnishes, except zinc pigments prior to Sept. 22, 1922.
[36] Classified as an inedible animal product beginning 1931.

No. 491.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1930	1931	1932	1933	1921–1925	1926–1930	1930	1931	1932	1933
Group 9.—Miscellaneous—Continued												
B. Scientific and professional instruments, apparatus, and supplies, n. e. s.							2,135	3,319	3,087	2,080	1,265	972
Optical goods—												
Opera and field glasses—thousands		268	132	72	72	40	1,377	515	452	262	182	125
Other optical instruments and parts								1,127	867	608	492	359
Spectacles, eyeglasses, and parts								165	112	21	8	41
Dental and surgical instruments							[1] 480	632	638	475	309	260
Philosophical and scientific, etc., instruments and apparatus							469	881	1,018	694	274	188
C. Musical instruments							3,788	4,498	3,673	3,255	1,656	1,545
Pianos and organs							[1] 205	271	191	165	50	42
Phonograph and similar articles and parts							533	484	213	113	68	107
Band instruments and violins							[1] 657	669	638	489	318	399
Other instruments, parts, and accessories							2,739	3,073	2,631	2,488	1,220	997
E. Toys, athletic, and sporting goods							7,636	5,709	5,530	4,759	3,365	2,399
Toys—												
Dolls and parts							1,323	1,033	1,054	858	506	335
Other toys							5,143	3,491	3,188	2,857	1,980	1,551
Dice, dominoes, chips, etc.							[1] 124	109	119	171	104	33
Athletic and sporting goods—												
Fishing rods, reels, hooks, bait, etc.							456	450	499	319	236	233
Balls for games, n. e. s. (not of rubber)—thousands	[1] 1,853	920	1,089	2,751	10,639	4,932	[1] 575	109	103	162	355	71
Other athletic sporting goods							[7] 369	516	567	392	184	177
F. Firearms							[5] 646	583	573	305	68	67
G. Books and other printed matter							9,408	14,210	13,349	9,969	5,686	5,453
Books and pamphlets in foreign languages								1,931	2,239	1,881	1,030	936
Books, maps, music, etc., 20 years old								3,268	3,044	1,803	786	1,021
Other books, etc. (free)							8,019	2,558	2,690	1,973	1,399	1,119
Books, pamphlets, music, maps, charts, and other printed matter, n. e. s.								4,530	3,875	3,086	1,753	1,728
Lithographic prints—												
Cigar bands, labels, and flaps—1,000 lbs.	828	169	87	108	109	72	612	200	105	110	114	76
Decalcomanias—do		405	340	275	213	236		557	474	358	273	341
All other							776	1,166	922	758	332	232
H. Clocks, watches, etc.							11,807	13,892	8,681	4,089	1,561	1,923
Chronometers, clocks, and parts							833	1,066	541	260	81	73
Chronometers and clocks—number		[6] 186,252	140,564	76,508	29,642	10,117		[6] 625	443	175	53	23
Clock cases, parts, and materials								[6] 304	98	85	28	50
Watches and watch movements—thousands	2,063	3,958	2,423	893	406	426	6,444	9,726	5,902	2,975	1,178	1,407
Cases, dials, and parts of watches, n. e. s.							3,480	1,585	1,064	399	176	250

Jewels for watches, clocks, meters, etc.							[1] 1,452	1,120	981	382	101	177
Recorders, meters, regulators, and similar instruments and parts, n. s. p. f.							[1] 189	395	193	73	25	16
I. Art works							**31,222**	**65,381**	**65,159**	**38,494**	**18,479**	**15,937**
The production of American artists							218	250	198	173	79	205
Original paintings, statuary, etc.							6,787	13,749	14,151	7,446	3,504	3,825
Statuary, regalia, etc., for religious or educational purposes							838	1,507	1,317	969	621	404
Works of art produced before 1830							22,324	47,764	46,773	27,501	13,507	10,093
Works of art for exhibition, presentation to public institutions, etc.							709	1,411	1,898	1,756	531	1,213
All other art works							347	699	822	650	238	196
J. Miscellaneous articles, n. e. s.							**79,003**	**71,023**	**68,255**	**53,409**	**36,859**	**31,634**
Buttons—												
Pearl or shell—1,000 gross		950	957	954	934	1,030	1,411	449	436	432	320	326
All other								964	565	423	527	653
Matches—												
Having stained or colored stems—1,000 gross					1,305	3,502					351	592
In boxes containing 100 or less—do		6,431	4,061	2,528	1,751	441	1,963	2,244	1,434	1,136	569	113
All other								32	18	299	2	2
Beads and bead ornaments—												
Imitation pearl beads								1,403	791	593	191	165
Other beads							9,459	2,796	3,839	3,668	1,278	607
Fabrics and articles, chief value beads								814	286	568	526	444
Pipes and smokers' articles							1,367	1,569	803	532	393	468
Umbrellas, canes, and parts—1,000 doz.		[3] 48	[3] 48	151	168	286		[3] 112	[3] 112	141	130	153
Brushes—												
Tooth—do	4,190	1,554	1,174	1,125	1,292	1,398	2,188	727	533	420	274	269
Hair and other toilet brushes and parts—do		408	272	657	841	661		497	378	392	244	199
Other brushes—do		3,988	4,347	4,156	5,363	4,619		648	441	338	239	237
Combs, except metal—1,000 gross		[3] 52	[3] 52	144	115	119	1,217	[3] 241	[3] 241	638	387	298
Articles of casein, galalith, and cellulose compounds, except combs								2,461	1,259	319	204	178
Pencils, crayons, leads, etc.							529	831	593	619	447	490
Pens and penholders							381	353	216	242	113	124
All other dutiable articles							4,930	6,749	4,938	2,988	1,789	2,020
Household and personal effects, etc., of persons arriving in the United States							9,173	7,621	7,447	5,536	3,395	3,320
Articles, imported under bond, for export within 6 months							3,837	5,586	5,812	4,304	2,535	2,442
Articles the growth, produce, or manufacture of the United States, returned—												
Automobiles—number	[4] 1,409	286	332	268	138	58	2,524	358	323	203	197	70
Containers							37,746	4,936	4,356	3,622	2,382	1,894
All other								27,629	31,946	25,189	19,777	16,570
K. Articles in Group 9, ordinarily dutiable, imported free							1,001	796	476	178	86	126
All other free articles							2,277	2,284	1,487	807	589	606

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31 1930.
[4] Average for years 1921, 1924, and 1925.
[5] Average for years 1924 and 1925.
[6] Average for years 1929 and 1930.
[7] Average for years 1922–1925.

23.—COMMERCE OF NONCONTIGUOUS TERRITORIES

GENERAL NOTE.—In the general foreign-trade statistics of the United States presented in the preceding [illegible] Islands are treated as foreign countries and their trade with the United [illegible] 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 [illegible] moa and Guam with foreign countries nor shipments between them and United [illegible] the general tables on foreign trade. See also Table 464, p. 405.

The tables in this section present the total foreign trade of each of the United States territories and [illegible] separately the trade with Continental United States (unless otherwise indicated) [illegible] ntries, including other United States territories and possessions. Specie values are shown in this section for all years except 1933; for that year, dollar currency values.

No. 492.—IMPORTS AND EXPORTS OF ALASKA

NOTE.—In 1933 Alaska shipped domestic silver valued at $34,674 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	18,670,330	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	60,773,859	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	48,996,962	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

[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. 493.—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	19,224,881	2,602,784	21,827,665	19,142,461	4,115,069	23,257,530
1907	25,686,285	3,580,887	29,267,172	22,070,133	4,926,167	26,996,300
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	153,322,083	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	76,211,940	2,449,143	78,661,083

No. 494.—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] 11,459,879	3,165,296	[1] 14,778,085	28,029,059	64,698	28,093,757
1906	12,036,675	3,275,242	15,311,917	26,882,199	56,313	26,938,512
1907	14,435,725	4,151,709	18,587,434	29,071,813	229,914	29,301,727
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	30,646,089	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	86,337,045	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	109,236,321	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	106,312,833	2,126,270	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	1,189,280	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	93,641,887	675,809	94,317,696

[1] Average for years 1903, 1904, and 1905.

Source of Tables 493 and 494: Bureau of Foreign and Domestic Commerce.

No. 495.—IMPORTS AND EXPORTS OF THE PHILIPPINE ISLANDS

Yearly average—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	28,573,5
1906	4,333,893	21,465,373	25,799,266	11,579,411	20,337,723	31,917,1
1907	5,155,359	23,630,496	28,785,855	12,079,204	21,634,153	33,713,3
1908	5,079,487	25,838,870	30,918,357	10,323,233	22,493,334	32,816,5
1909	4,691,770	23,100,627	27,792,397	10,215,331	20,778,232	30,993,5
1910	10,775,301	26,292,329	37,067,630	18,741,771	21,122,398	39,864,1
1911	19,483,658	30,350,064	49,833,722	16,716,956	23,061,673	39,778,6
1912	20,604,155	33,945,825	54,549,980	21,517,777	28,802,059	50,319,8
1913	25,387,085	30,940,498	56,327,583	19,848,885	33,834,441	53,683,3
1914	28,571,821	27,439,749	56,011,570	22,047,105	29,190,943	51,238,0
1915	22,394,381	22,085,480	44,479,861	23,001,275	27,913,786	50,915,0
1916	23,804,367	22,169,258	45,973,625	28,638,526	32,825,505	61,464,0
1917	27,516,556	24,466,722	51,983,278	43,125,393	28,589,982	71,715,3
1918	49,799,229	33,964,061	83,763,290	77,010,233	39,604,378	116,614,6
Dec. 31:						
1918 (6 months)	31,949,240	21,671,502	53,620,742	50,920,499	24,518,860	75,439,3
1919	75,491,415	43,147,637	118,639,052	56,453,173	56,664,660	113,117,8
1920	92,289,778	57,148,505	149,438,283	105,216,263	45,907,593	151,123,8
1921	74,130,015	41,708,559	115,838,574	50,356,793	37,758,530	88,115,3
1922	47,738,326	32,459,319	80,197,645	64,111,601	31,471,697	95,583,2
1923	50,352,535	37,447,212	87,799,747	85,047,023	35,705,967	120,752,9
1924	60,399,380	47,611,515	108,010,895	97,313,903	38,030,760	135,344,6
1925	69,297,583	50,435,251	119,732,834	109,044,942	39,832,263	148,877,2
1926	71,575,618	47,723,374	119,298,992	100,003,215	36,881,105	136,884,3
1927	71,478,297	44,373,175	115,851,472	116,038,250	39,535,335	155,574,0
1928	83,858,068	50,798,830	134,656,898	115,586,876	39,468,670	155,054,5
1929	92,592,959	54,567,316	147,160,275	124,465,473	39,981,370	164,446,8
1930	78,183,028	44,909,926	123,092,954	105,342,061	27,825,067	133,167,1
1931	62,139,683	37,039,036	99,178,719	83,422,397	20,549,677	103,972,0
1932	51,297,750	28,097,335	79,395,085	82,047,867	12,690,214	95,338,0
1933	43,540,000	31,196,000	74,736,000	91,314,000	14,457,000	105,771,0

[1] The discrepancy between the United States figures of exports to the Philippines prior to 1911 and t
Philippine figures of imports from the United States in corresponding periods is due chiefly to the fa
that the Philippine import figures prior to that year omit merchandise imported free of duty for the use
the Government or for use in construction and equipment of railways in the islands, under the act of Fe
6, 1905, while the United States returns omit only Government supplies carried by Government vessel

Sources: Reports of the War Department and Annual Report of the Insular Collector of Customs.

No. 496.—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	.....	62,06
1917	93,626	16,688	110,314	198,496	.....	198,49
1918	94,334	51,565	145,899	118,520	.....	118,52
Dec. 31:						
1918 (6 months)	66,409	46,033	112,442	136,071	.....	136,07
1919	95,329	87,630	182,959	90,421	.....	90,42
1920	126,185	99,110	225,295	98,213	.....	98,21
1921	127,654	94,833	222,487	117,446	.....	117,44
1922	96,317	100,586	196,903	98,216	.....	98,21
1923	97,396	101,464	198,860	95,164	.....	95,16
1924	91,309	103,053	194,362	102,895	47,385	150,28
1925	92,514	99,898	192,412	26,712	123,621	150,33
1926	231,052	87,088	318,140	78,033	(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	63,607	206,000	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)

[1] Not available.

Source: Returns to the Navy Department.

No. 497.—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	924,700	----------	1,683,072	482,639	----------	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	862,619	4,856,097	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)	903,463	(2)	(2)
1928	2,277,030	(2)	(2)	1,195,314	(2)	(2)
1929	2,298,260	(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)

[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. 498.—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	177,163	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	86,298	32,730	119,028
1927	208,660	195,617	404,277	112,863	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

Source: Returns to the Navy Department.

No. 499.—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 492

Territory and product	Quantity			Value (thousands of dollars)			
	1931	1932	1933	1930	1931	1932	1933
ALASKA							
Animals, number	726	124	222	146	23	4	11
Reindeer meat, 1,000 lbs	1,016	247	434	158	100	25	43
Fish, do	304,414	298,872	297,739	34,950	35,415	25,464	28,762
Halibut, fresh and frozen, do	13,634	7,937	8,000	1,402	1,463	657	605
Salmon, fresh and frozen, do	7,697	7,538	6,829	757	825	544	524
Canned salmon, do	267,292	259,166	260,677	30,084	31,161	22,145	25,621
Cured or preserved fish, do	14,006	21,895	20,475	2,207	1,415	1,445	1,540
Shellfish, do	1,785	2,336	1,758	441	551	673	472
Other fish products:							
Meal, tons[1]	7,007	8,773	10,063	676	344	268	341
Oil, 1,000 galls	2,129	2,559	3,209	979	379	308	421
Furs and fur skins, number	637,346	567,786	362,612	3,147	2,811	1,702	2,028
Whale oil, 1,000 galls	----	767	332	409	----	116	74
Stone, including marble, tons[1]	149,148	87,645	----	106	75	141	----
Wood, tim	1,984	567	851	178	35	21	43
Copper (or	22,055	10,807	101	5,431	2,080	723	8
Lead (ore,	3,432	2,545	2,402	140	151	81	86
Total Alaskan products	----	----	----	46,467	41,540	28,976	31,937
Articles produced in U. S. returned	----	----	----	1,510	1,601	1,103	1,146
Total foreign merchandise	----	----	----	1,020	135	104	49
Total, all merchandise	----	----	----	**48,997**	**43,276**	**30,183**	**33,132**
HAWAII							
Fish, dried, canned, etc, 1,000 lbs	1,399	877	1,703	376	300	145	304
Coffee, do	6,637	7,760	4,158	1,093	1,007	926	536
Fruits	----	----	----	37,890	35,463	20,680	24,017
Bananas, bunches	123,907	90,514	94,090	118	122	88	92
Pineapples (canned), 1,000 lbs	484,276	388,069	434,884	37,728	35,341	20,592	23,925
Hides and skins, do	1,568	1,401	1,558	146	95	53	82
Molasses, 1,000 galls	14,341	11,167	7,604	1,330	532	318	201
Sugar:							
Unrefined, 1,000 lbs	1,915,791	1,993,226	2,029,962	53,619	59,825	55,600	63,454
Refined, do	20,138	48,641	45,946	1,615	940	1,988	2,041
Paper and manufactures, do	1	1,402	11,073	2	1	47	371
Alcohol, denatured, 1,000 galls	136	372	231	31	75	136	105
Total Hawaiian products	----	----	----	96,519	98,882	80,494	91,463
Articles produced in U. S. returned	----	----	----	2,349	2,554	2,168	2,121
Total foreign merchandise	----	----	----	55	113	26	58
Total, all merchandise	----	----	----	**98,924**	**101,549**	**82,688**	**93,642**
PUERTO RICO							
Cotton and manufactures	----	----	----	13,117	12,443	9,561	12,308
Handkerchiefs, 1,000 doz	1,298	1,865	1,605	690	985	1,267	920
Wearing apparel, do	1,570	1,382	2,264	11,645	10,400	7,343	10,800
Linen manufactures	----	----	----	202	234	539	943
Silk dresses and underwear[2], doz	----	86,785	51,929	384	703	1,341	654
Hats of straw or fiber, do	64,013	58,698	58,588	36	281	241	381
Fruits	----	----	----	6,792	5,447	2,948	2,022
Grapefruit, fresh, boxes	807,994	284,060	227,067	2,847	2,399	863	679
Oranges, fresh, do	61,373	19,235	14,487	644	156	48	39
Pineapples, fresh, crates	710,648	576,489	410,223	1,761	2,260	1,764	1,237
Grapefruit, canned, etc, 1,000 lbs	6,446	3,649	293	1,103	472	246	19
Pineapples, canned, etc, do	2,580	606	185	369	160	27	10
Coconuts, thousands	11,092	10,495	4,531	242	281	215	124
Hides and skins, 1,000 lbs	907	930	1,174	116	71	52	75
Manganese ore, tons[1]	2,374	2,302	1,638	85	87	66	66
Alcohol, galls	840,480	1,010,887	1,259,353	378	207	313	354
Sugar and molasses:							
Sugar, 1,000 lbs	1,515,330	1,788,890	1,524,500	57,391	51,887	51,864	49,218
Molasses, 1,000 galls	29,856	23,332	31,374	1,789	1,084	708	788
Leaf tobacco, 1,000 lbs	16,565	5,699	15,255	11,552	8,996	2,682	5,913
Stems, scraps, etc, do	5,335	4,252	3,875	1,200	1,073	794	536
Cigars and cheroots, thousands	162,208	76,266	63,715	3,944	3,230	1,668	1,317
Total Puerto Rican products	----	----	----	98,581	86,922	73,594	75,550
Articles produced in U. S. returned	----	----	----	1,086	970	653	649
Total foreign merchandise	----	----	----	213	20	43	13
Total, all merchandise	----	----	----	**99,880**	**87,912**	**74,290**	**76,212**

[1] Of 2,240 pounds.

[2] Silk manufactures 1930 and 1931.

No. 499.—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)			
	1931	1932	1933	1930	1931	1932	1933
PHILIPPINE ISLANDS [3]							
Sugar, 1,000 lbs.	1,635,336	2,080,837	2,460,127	51,398	49,899	57,122	66,516
Oil cake and meal (coconut), do.	13,371	7,495	20,335	380	111	61	128
Coconut meat, prepared, do.	37,133	36,303	39,694	3,277	1,936	1,595	1,655
Copra, do.	267,471	198,526	442,168	12,493	6,574	3,431	6,009
Coconut oil, do.	325,175	249,117	316,078	19,901	15,272	7,619	8,556
Unmanufactured tobacco, do.	4,144	3,560	1,627	528	554	433	143
Cigars and cheroots, do.	2,056	2,192	1,824	2,997	3,105	3,066	2,673
Cotton wearing apparel				3,106	2,044	2,660	1,831
Cordage, 1,000 lbs.	5,380	4,942	7,940	961	547	445	656
Manila fiber, tons [1]	30,461	25,552	32,252	8,512	2,910	1,606	1,833
Hats of straw, etc., thousands	351	399	802	873	449	336	643
Sawed cabinet woods, M. ft.	17,965	6,936	15,411	1,367	866	256	491
Articles produced in U. S. returned				499	374	361	423
Total, all merchandise				109,390	87,133	80,877	93,048

[1] Of 2,240 pounds. [3] Data represent shipments to the United States customs area.

Source: Bureau of Foreign and Domestic Commerce.

No. 500.—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]	
	1932	1933	1932	1933	1932	1933	1932	1933
Total merchandise	19,573	20,686	38,578	57,894	48,780	51,697	44,870	44,645
Animals and Animal Products	2,321	2,241	5,791	5,670	7,687	7,742	3,573	3,299
Meat products	933	929	2,128	2,128	2,506	2,343	313	372
Eggs	319	321	429	395	71	102	5	15
Milk, condensed, evaporated, etc.	277	266	573	632	384	313	1,712	1,308
Butter and cheese	411	419	724	825	437	440	65	87
Fish	60	57	673	626	329	217	547	587
Animal fats and oils, edible	48	36	94	29	1,630	1,789	14	------
Boots and shoes	102	74	605	530	2,037	2,186	135	156
Other leather manufactures	21	21	215	213	125	136	204	95
Vegetable Food Products and Beverages	2,695	2,991	9,112	10,159	10,663	12,333	3,628	3,642
Grains and preparations	476	488	3,234	3,783	6,826	8,222	1,884	1,792
Rice	38	38	2,107	2,592	4,787	5,689	6	6
Wheat flour	224	249	618	697	1,230	1,561	1,718	1,631
Biscuits and crackers	94	92	106	110	366	292	91	71
Fodders and feeds	82	79	1,404	1,444	481	487	9	11
Vegetables	538	533	1,434	1,406	2,140	2,322	386	479
Beans, dried	16	19	46	62	1,013	1,215	7	4
Potatoes	91	103	179	219	388	494	10	26
Canned vegetables	240	243	408	380	178	160	160	186
Fruits	472	460	1,161	947	247	334	555	500
Oranges	62	55	391	310	------	------	145	136
Apples	53	53	141	127	39	45	127	120
Canned and preserved fruits	174	170	270	232	93	151	92	85
Coffee	249	229	152	129	188	1	262	290
Sugar	289	301	78	42	6	5	22	22
Confectionery	188	189	515	482	206	344	180	141
Beverages and fruit juices	120	439	226	986	274	386	37	60
Vegetable Products, Inedible, Except Fibers and Wood	935	884	4,313	3,794	3,806	3,576	3,645	4,188
Rubber manufactures	197	230	1,275	1,215	716	721	974	1,248
Boots and shoes [2]	94	118	29	35	155	155	10	36
Automobile tires: Casings	25	28	932	876	373	362	634	841
Tobacco:								
Leaf					608	473	412	589
Cigars and cheroots	92	82	175	155	5	4	------	------
Cigarettes	386	324	2,071	1,673	2,254	2,159	1,672	1,760
Smoking	157	154	462	445	3	2	20	16

[1] Data represent shipments from the United States customs area.
[2] Includes canvas shoes with rubber soles.

No. 500.—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]	
	1932	1933	1932	1933	1932	1933	1932	1933
Textiles	1,223	1,235	4,656	4,308	10,004	10,599	11,517	9,881
Sewing, crochet, and embroidery cotton	3	-------	100	99	161	219	519	478
Cotton cloth, excluding duck and tire fabric	35	37	885	893	5,043	5,439	8,306	6,938
Cotton wearing apparel	223	234	881	954	1,650	1,287	160	115
Other cotton manufactures	133	154	557	472	914	1,124	896	791
Bags of jute	32	20	90	67	177	107	69	101
Cordage and twine (cotton, jute, and other)	148	171	92	87	131	139	70	101
Wool wearing apparel	173	192	302	232	239	301	24	18
Other wool manufactures	37	38	206	197	79	107	27	21
Silk manufactures	64	62	589	465	245	521	597	607
Rayon and other synthetic textiles	18	16	206	201	572	518	421	388
Wood and Paper	1,069	1,342	3,664	3,322	2,841	2,873	1,272	1,349
Logs and timber	38	50	119	114	118	75	7	1
Boards, planks, and deals	129	173	791	744	878	981	34	26
Box shooks	21	78	94	81	220	39	2	2
Wood furniture	70	65	342	239	413	488	11	15
Paper and manufactures	512	567	1,873	1,816	1,065	1,074	1,100	1,165
Nonmetallic Minerals	1,698	1,844	3,292	3,290	2,218	2,601	4,462	5,335
Coal	261	194	33	17	47	140	-------	-------
Petroleum and products	1,139	1,332	6,800	7,128	1,528	1,725	4,060	4,817
Gasoline	548	713	4,144	4,167	677	982	1,700	2,115
Illuminating oil	54	68	531	620	320	358	916	1,065
Gas and fuel oil	348	382	1,195	1,493	248	39	658	754
Lubricating oil	148	149	635	614	190	213	469	596
Metals and manufactures, except Machinery and Vehicles	5,287	5,894	6,477	7,451	2,985	2,729	4,578	5,020
Iron and steel	5,115	5,679	5,444	6,638	2,651	2,399	3,959	4,441
Steel bars	38	39	235	192	78	89	53	111
Galvanized sheets	42	53	142	195	586	343	1,207	1,381
Tin plates	607	568	1,704	3,549	21	35	375	517
Structural forms	59	89	441	141	156	167	165	144
Cast-iron pipe and fittings	16	8	188	140	60	66	183	163
Wire	126	246	226	199	124	165	214	164
Wire nails	37	39	67	61	119	102	158	163
Tin cans, finished or unfinished	3,436	3,959	69	60	59	157	129	67
Stoves, ranges, furnaces	137	124	161	159	22	18	25	35
Tools	59	68	190	169	93	103	155	175
Copper	34	44	339	205	164	153	251	198
Machinery and Vehicles	2,547	2,630	7,080	6,577	3,006	3,390	6,902	6,300
Engines	150	110	114	103	11	80	286	391
Electrical machinery and appliances	463	441	2,315	1,927	775	728	1,234	1,031
Agricultural machinery	56	67	322	354	168	238	559	295
Other machinery	1,430	1,431	1,611	1,293	898	875	1,623	2,211
Motor trucks and busses	68	83	298	333	213	285	1,003	718
Passenger automobiles	131	117	1,641	1,390	595	654	1,317	1,284
Automobile parts and accessories, except tires	72	71	552	514	211	223	490	494
Chemicals and Related Products	866	818	5,218	4,803	3,717	4,081	2,975	3,599
Chemicals	159	150	769	697	450	423	1,150	1,332
Medicinal and pharmaceutical preparations	149	159	474	452	849	859	511	667
Paints, pigments, and varnishes	115	114	619	582	367	386	408	423
Explosives, fuses, etc	310	271	92	99	11	11	178	262
Fertilizers	3	3	2,039	1,774	891	1,238	362	726
Soap	103	95	642	601	782	754	443	337
Miscellaneous	934	806	3,975	3,521	1,853	1,772	2,319	2,034
Motion-picture films	129	96	159	147	45	36	80	45
Musical instruments	35	20	208	194	51	39	92	54
Toys	26	24	109	135	155	178	32	31
Athletic and sporting goods	32	29	154	149	12	20	87	73
Books, pictures, and other printed matter	214	210	1,011	993	265	228	809	718
Household and personal effects	118	111	269	305	174	109	85	88

[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 505). Tables 507 to 512 relate to irrigation enterprises of all sorts as reported to the Bureau of the Census.

No. 501.—GOVERNMENT IRRIGATION PROJECTS: CONSOLIDATED FINANCIAL STATEMENT, JUNE 30, 1933

DEBIT SIDE

Con[illegible] primary projects:			
[illegible] works—			
Original construction	$202,180,218		
Supplemental construction	12,547,587		
Value of works taken over	2,056,940		
Total construction cost		$216,784,745	
[illegible] prior to public notice (net)	2,788,383		
[illegible]ce deficits and arrearages and [illegible]harges funded with construction	6,557,849		
		9,346,232	
		226,130,977	
Less—			
Abandoned works and nonreimbursable cost, etc. (net)	15,613,099		
Construction revenues	6,468,236		
Contributed funds	1,733,553		
Nonreimbursable appropriation (Rio Grande Dam)	1,000,000		
		24,814,887	
Balance repayable			$201,316,090
Yuma auxiliary project: Cost of works less construction revenues			[1] 898,473
Palo Verde Valley flood protection: Reconstruction and repairs			30,017
Secondary projects and general investigations: Cost of surveys and investigations less contributed funds			2,368,934
Plant and equipment			503,073
Materials and supplies			304,510
Accounts receivable			155,833,286
Miscellaneous—contra			*22,596*
Cash on hand and in special deposit and in transit			3,066,788
Total debits			364,298,575

CREDIT SIDE

Secu[illegible] [illegible]rrigation works:			
[illegible]yments		$197,475,637	
[illegible]payments		605,679	
			$198,081,316
Current accounts payable			438,254
Deferred and contingent obligations			831,205
Reserves and undistributed profits			7,139,483
Unadjusted credits: Collection vouchers in transit			621
Operation and maintenance results, surplus			708,110
Government aid for reclamation of arid lands:			
Reclamation fund		155,898,435	
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	
[illegible]		99,815	
[illegible]		266,353	
[illegible]lands		35,924	
[illegible]		11,634	
[illegible]		447,321	
[illegible]		49,599	
Advanc[illegible]mount repaid		15,000,000	
Total		176,569,031	
Less nonreimbursable appropriation, Rio Grande Dam		1,000,000	
		175,569,031	
Less impairment of funds:			
Abandoned construction works and nonreimbursable cost	$2,069,681		
[illegible], uncollectible	453,272		
[illegible]	14,639,948		
[illegible]. 5, 1924	1,196,547		
[illegible]	6,057		
Less impounded funds, economy acts, reclamation fund	103,940		
		18,469,445	
			157,099,587
Total credits			364,298,575

[1] Includes $242 impounded funds, economy acts.

Source: Bureau of Reclamation, Department of the Interior.

No. 502.—GOVERNMENT IRRIGATION PROJECTS: CONSTRUCTION COST, OTHER REIMBURSABLE COST AND AMOUNT TO BE REPAID BY WATER USERS, TOTALS TO JUNE 30, 1933

State and project	Construction cost	*Operation* and maintenance cost before public notice (net)	Operation and maintenance deficits and arrearages and penalties	Deduction: Construction revenues and contributed funds	Deduction: Abandoned works, nonreimbursable cost, etc.	Total to be repaid by water users
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	216,784,745	2,788,383	6,557,849	[1] 9,201,789	15,613,099	201,316,090
Arizona: Salt River	12,744,223	115,994	----------	2,312,097	[2] 382,097	10,166,022
Arizona-California: Yuma	9,376,731	373,528	31,887	225,842	----------	9,556,303
California: Orland	2,399,303	[3] *11,433*	710	28,404	----------	2,360,176
Colorado:						
Grand Valley	5,015,342	138,621	----------	268,693	[4] 812,375	4,072,896
Uncompahgre	6,422,628	311,103	186,198	24,239	[4] 1,260,792	5,634,898
Idaho:						
Boise	16,010,350	422,283	879,516	456,676	[4] 82,394	16,773,079
King Hill	1,905,919	----------	110,123	28,187	[4] 497,464	1,490,390
Minidoka	15,017,209	320,543	506,730	2,065,755	[4] 2,288	13,776,439
Minidoka-Gooding	4,122,388	----------	56,414	2,173	----------	4,176,630
Kansas: Garden City	342,964	52,868	----------	61,357	[5] 334,475	----------
Montana:						
Bitter Root	627,641	----------	----------	----------	----------	627,641
Huntley	1,562,303	[3] *1,000*	387,975	18,372	[4] 62,050	1,868,856
Milk River	6,844,118	437,256	100,394	74,194	[4] 1,732,021	5,575,552
Sun River	7,384,002	133,134	102,918	47,400	[4] 89,214	7,483,440
Montana-North Dakota: Lower Yellowstone	3,685,433	[3] *3,759*	905,717	53,532	[4] 382,254	4,151,604
Nebraska-Wyoming: North Platte	19,229,965	743,294	1,506,545	497,902	----------	20,981,903
Nevada: Newlands	7,956,907	[3] *2,155*	34,631	52,348	[4] 4,437,820	3,499,215
New Mexico:						
Carlsbad	1,464,650	[3] *17,752*	4,832	29,059	[4] 374,884	1,047,788
Hondo	*330,492*	32,952	----------	*656*	[5] 371,788	----------
New Mexico-Texas: Rio Grande	15,076,073	[3] *297,858*	----------	[1] 1,408,882	[4] 326,901	13,042,433
North Dakota:						
Buford-Trenton	223,423	[3] *32*	----------	1,968	[5] 221,424	----------
Williston	517,630	[3] *165*	----------	97,107	[5] 420,358	----------
Oregon:						
Baker	281,592	----------	----------	5,003	----------	276,589
Umatilla	5,137,937	----------	230,428	85,321	[4] 888,341	4,394,703
Vale	3,479,381	30,397	----------	6,125	----------	3,503,653
Oregon-California: Klamath	6,227,452	81,577	74,971	215,953	[4] 7,500	6,160,546
Oregon-Idaho: Owyhee	11,237,640	----------	----------	4,368	----------	11,233,272
South Dakota: Belle Fourche	4,519,271	[3] *1,989*	669,943	26,151	[4] 379,032	4,782,043
Utah:						
Salt Lake Basin	2,912,781	----------	----------	45,881	----------	2,866,900
Strawberry Valley	3,507,423	10,744	82,753	258,379	----------	3,342,542
Washington:						
Okanogan	1,452,129	[3] *47,767*	25,194	6,631	[4] 998,727	424,199
Yakima	17,063,615	[3] *64,357*	101,431	380,182	[4] 4,215	16,710,292
Yakima-Kittitas	8,799,345	----------	16,134	4,431	----------	8,811,049
Wyoming:						
Riverton	3,888,657	----------	75,373	18,566	----------	3,945,464
Shoshone	10,008,829	32,355	467,032	383,957	[4] 1,544,686	8,579,573

[1] Includes nonreimbursable appropriation, $1,000,000.
[2] Nonreimbursable cost.
[3] Contra.
[4] Authorized charge-offs.
[5] Abandoned works.

Source: Bureau of Reclamation, Department of the Interior.

No. 503.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST AND RETURNS DURING 1932 (CALENDAR YEAR)

State and project	Operation and maintenance cost	Operation and maintenance returns: Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues	Other *credits* [1]	Results: Excess (+) or deficit (−)
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	1,275,761	928,530	16,545	2,594	95,262	275,384	+35,367
Arizona: Yuma auxiliary	20,246	25,798	----------	----------	1,104	----------	+6,655
Arizona-California: Yuma	194,703	228,726	389	311	10,275	----------	+44,377
California: Orland	35,165	38,929	577	65	280	----------	+4,556
Colorado:							
Grand Valley	31,803	33,750	----------	----------	688	----------	+2,635
Uncompahgre	1,366	[2] *188,765*	[2] *303*	----------	42	168,545	−21,844

[1] Amounts to be repaid with construction and charge-offs under act of May 25, 1926.
[2] Contra.

No. 503.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST AND RETURNS DURING 1932 (CALENDAR YEAR)—Contd.

State and project	Operation and maintenance cost	Operation and maintenance returns				Other credits	Results: Excess (+) or deficit (−)
		Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues		
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Idaho:							
Boise	8,161	9,571					+1,409
Minidoka	70,175	61,951			9,039		+815
Minidoka-Gooding	44,534				12,532	10,140	−21,862
Montana:							
Huntley		[2] *3,018*				2,965	−53
Milk River	39,970	48,164			195		+8,390
Sun River	2,400	2,509				115	+224
Mont.-N. Dak.: Lower Yellowstone	762	982				4,171	+4,392
Nebraska-Wyoming: North Platte	21,574	19,761	[2] *46*		2,477	813	+1,431
Nevada: Newlands		[2] *14,214*				12,214	−2,000
New Mexico: Carlsbad	40,238		77	308	1,493		−38,976
New Mexico-Texas: Rio Grande	281,842	267,625	9,689		4,527		
Oregon: Umatilla	3,112	2,589			3		−520
Oregon-California: Klamath	95,937	[2] *3,467*	2		41,614	61,454	+3,667
South Dakota: Belle Fourche	66,687	63,700			2,327		−660
Washington:							
Yakima	218,367	250,522	6,160	1,909	6,085	[2] *30*	+42,462
Yakima-Kittitas	76,487	79,054				[2] *1,988*	+578
Wyoming:							
Riverton	19,565				2,580	16,984	
Shoshone	2,669	2,360					−309

[2] Contra.

No. 504.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST, RETURNS, AND NET RESULT, TOTALS TO DECEMBER 31, 1932

State and project	Operation and maintenance cost	Operation and maintenance returns				Other credits [1]	Results: Excess (+) or deficit (−)
		Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues		
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	**36,379,100**	**28,785,637**	**505,375**	**368,592**	**1,901,366**	**6,277,192**	**+721,878**
Arizona: Yuma auxiliary	352,382	420,423	538	1,107	9,430		+76,902
Arizona-California: Yuma	4,874,199	4,866,616	99,828	59,153	207,358	2,922	+243,372
California: Orland	530,719	565,252	2,781	21,736	3,712		+19,289
Colorado:							
Grand Valley	224,283	240,500			3,450		+19,667
Uncompahgre	1,191,522	1,009,582	10,934	11,603	24,504	168,545	+10,440
Idaho:							
Boise	2,822,904	2,134,399	69,769	52,650	111,045	601,070	+40,730
King Hill	156,734	60,711		1,519	343	97,199	
Minidoka	2,333,258	1,928,191	29,463	22,342	136,822	266,497	+5,373
Minidoka-Gooding	67,283	1,844			12,892	10,140	−42,407
Montana:							
Huntley	1,014,941	554,787	15,712	10,450	11,587	[1] 443,304	
Milk River	317,233	250,605		1,662	5,653	100,394	+37,756
Sun River	321,677	164,100	6,360	3,468	29,626	[1] 124,790	−268
Montana-North Dakota: Lower Yellowstone	1,349,676	348,296	3	5	135,751	865,632	
Nebr.-Wyo.: North Platte	2,825,480	1,859,664	27,258	35,812	36,065	1,043,899	+105,594
Nevada: Newlands	1,453,491	1,174,582	28,661	24,970	26,013	[1] 239,383	−9,823
New Mexico: Carlsbad	952,830	874,469	30,313	17,459	27,640	1,934	−35,933
New Mexico-Texas: Rio Grande	3,736,168	3,650,340	20,409	4,486	69,905		
North Dakota:							
Buford-Trenton	74,781	2,317			10	[1] [2] 72,454	
Williston	904,662	34,043	46		489,755	[1] [2] 380,819	
Oregon: Umatilla	698,043	379,148	7,698	3,314	39,871	[1] 288,216	+13,575
Oregon-California: Klamath	1,380,414	1,172,204	3,623	4,942	200,560	65,166	+56,197
South Dakota: Belle Fourche	1,679,975	948,508	29,196	9,241	31,920	[1] 689,801	+10,209
Utah: Strawberry Valley	437,856	376,881	10,196	11,859	20,400	42,238	
Washington:							
Okanogan	649,647	371,442	1,451	397	70,485	[1] 206,666	
Yakima	4,865,717	4,697,457	97,522	59,365	143,199	74,323	+87,918
Yakima-Kittitas	157,270	153,041				6,796	+2,566
Wyoming:							
Riverton	87,352				11,978	75,373	
Shoshone	918,603	546,236	13,615	11,051	41,393	[1] 409,131	+80,720

[1] Includes deficits unc [illegible] $91,354; Sun River, $34,148; Newlands, $211,292; Buford-Trenton, $72,454; Willis [illegible] $91,083; Belle Fourche, $119,606; Okanogan, $181,472; Shoshone, $38,036; total, [illegible] are amounts to be repaid with construction.

[2] Projects abandoned.

Source of Tables 503 and 504: Bureau of Reclamation, Department of the Interior.

No. 505.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE IRRIGABLE, IRRIGATED, AND CROPPED AND VALUE OF CROPS, BY PROJECTS, 1932

NOTE.—Data are for calendar year (irrigation season) except on Salt River project, where data are for corresponding "project year". October 1931 to September 1932

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	2,039,074	1,555,144	1,578,880	31,531,162	1,512,405	1,214,461	1,196,400	18,627,219
Total with irrigation	2,039,074	1,555,144	1,506,320	31,165,752	1,512,405	1,214,461	1,196,400	18,627,219
Arizona: Salt River	245,658	242,110	224,444	9,660,555	94,000	39,500	39,500	775,000
Arizona-California: Yuma	65,055	47,042	44,204	1,402,615	200	186	174	20,348
California: Orland	20,704	14,059	13,017	318,064				
Colorado:								
Grand Valley	30,384	15,660	14,978	243,611	18,400	13,900	13,500	228,200
Uncompahgre	75,654	59,700	59,666	706,272	1,650	1,550	1,545	18,540
Idaho:								
Boise	172,303	156,341	148,669	1,614,182	143,950	133,048	128,748	1,355,400
King Hill	8,000	7,042	6,834	69,070				
Minidoka	120,941	107,583	99,913	1,444,575	727,951	645,271	621,762	7,328,520
Montana:								
Bitter Root Irrigation District [3]	18,240	15,825	15,023	206,486				
Huntley	32,540	23,880	23,880	502,825				
Milk River	134,557	46,234	46,020	588,972				
Sun River	55,084	36,054	[4] 39,125	202,688				
Montana-North Dakota:								
Lower Yellowstone	45,891	31,235	31,235	669,455				
Nebraska-Wyoming: North Platte	234,956	188,516	185,998	2,960,359	126,355	93,249	105,108	1,765,061
Nevada: Newlands	87,500	51,927	49,730	510,168				
New Mexico: Carlsbad	25,055	24,761	22,515	441,017				
New Mexico-Texas: Rio Grande	155,000	137,449	134,531	3,539,326	77,000	42,952	42,945	608,829
Oregon:								
Baker	[5] 6,521	5,598	5,598	53,521				
Umatilla	14,053	10,838	10,500	134,686	792	695	631	8,916
Vale	15,584	4,915	3,608	34,016				
Oregon-California: Klamath	61,334	50,060	49,027	812,175	64,468	31,105	30,970	360,156
South Dakota: Belle Fourche	57,112	35,000	[6] 49,129	601,121				
Utah:								
Salt Lake Basin					84,636	81,885	80,482	2,342,636
Strawberry Valley	40,930	38,906	37,232	646,050	6,032	5,735	5,650	123,933
Washington:								
Okanogan	6,000	3,564	3,196	242,905				
Yakima	204,437	152,832	140,497	3,032,381	166,717	125,131	125,131	3,689,700
Wyoming:								
Shoshone	73,581	45,204	45,204	500,202				
Riverton	32,000	2,809	2,547	19,455	254	254	254	1,980
Total cropped without irrigation			72,560	365,410				
Milk River			9,999	35,869				
Sun River			1,694	5,792				
Lower Yellowstone			5,541	14,520				
Klamath			55,326	309,229				

[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 pr[illegible] ter in 1932.

[3] Bitter Root Irrigation District [illegible] by United States under act of July 3, 1930.

[4] Includes some dry-farmed tract[illegible] area given below under "Cropped without irrigation."

[5] Estimated.

[6] Includes some dry-farmed tracts.

Source: Bureau of Reclamation, Department of the Interior.

No. 506.—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		
			Crop value [1]	Irrigated acreage	Cropped acreage	Crop value	Irrigated acreage	Cropped acreage	Crop value
1919	1,636	1,187	1,113	88,974	916	881	64,000	2,104	1,994	152,974
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	1,284	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	2,820	2,798	84,192

GOVERNMENT PROJECTS PROPER—INDIVIDUAL CROPS [1]

Crop	Acreage cropped		Production		Crop value		Yield per acre	
	1932	1933	1932	1933	1932	1933	1932	1933
			Bushels	*Bushels*	*Dollars*	*Dollars*	*Bushels*	*Bushels*
Total, all crops	1,578,880	1,598,702			31,531,162	48,785,863		
Cereals	384,107	356,922	12,115,886	10,536,537	3,026,892	4,503,898		
Barley	98,905	77,529	3,726,158	2,576,606	720,031	908,163	21.3	33.2
Corn	90,075	70,684	2,449,542	1,979,118	657,786	801,514	27.2	28.0
Oats	59,151	64,426	2,501,797	2,539,101	427,643	694,660	42.4	39.4
Rye	2,512	2,480	43,859	27,041	12,024	15,422	17.5	10.9
Wheat	133,464	141,803	3,394,530	3,414,671	1,209,408	2,084,139	25.5	24.1
Other seeds	28,703	34,819	108,964	126,736	313,650	582,554		
Alfalfa seed	20,687	25,199	70,175	82,326	217,604	369,594	3.4	3.3
Clover seed	6,175	7,787	26,588	35,530	86,815	164,562	4.3	4.5
Flaxseed	1,841	1,833	12,201	8,880	9,231	28,398	6.6	4.8
			Tons	*Tons*			*Tons*	*Tons*
Hay and forage	1,173,412	1,211,148	1,643,601	1,816,840	9,306,441	13,637,431		
Alfalfa hay	492,591	485,844	1,320,656	1,478,013	6,148,306	9,367,686	2.7	3.0
Clover hay	10,926	12,777	14,303	17,042	44,336	82,361	1.3	1.3
Other hay	48,691	64,071	60,619	81,744	238,441	519,445	1.2	1.3
Corn fodder	14,582	23,238	57,926	79,097	160,599	418,817	4.0	3.4
Other forage	145,415	146,119	190,097	160,944	735,208	629,481	1.3	1.1
Pasture	461,207	439,099			1,979,551	2,619,641		
			Bushels	*Bushels*			*Bushels*	*Bushels*
Vegetables	159,541	142,916	10,766,586	13,248,300	7,327,621	10,326,843		
Beans	13,916	23,831	232,876	438,469	190,238	533,840	16.7	18.4
Onions	2,451	2,267	531,583	702,040	66,557	200,166	217.2	310.0
Potatoes, white	71,570	58,261	9,823,753	11,996,069	1,367,068	5,020,307	137.5	206.0
Potatoes, sweet	1,678	1,176	178,374	111,722	98,504	107,249	106.3	95.0
Truck	69,926	57,381			5,605,254	4,465,281		
			1,000 lbs.	*1,000 lbs.*			*Pounds*	*Pounds*
Fruits and nuts	61,588	57,095	514,471	504,659	3,136,397	5,406,141		
Apples	25,485	25,017	292,395	279,462	1,074,038	2,653,206	11,500	11,170
Peaches	3,936	3,612	29,769	3,991	113,654	76,965	7,570	1,100
Pears	7,368	7,477	53,777	68,261	192,759	479,711	7,290	9,140
Prunes	2,214	2,224	15,316	13,410	59,449	139,850	6,920	6,030
Citrus fruits	13,813	9,112	90,835	113,176	986,574	1,279,313	6,080	12,400
Small fruits	3,097	4,047	12,815	12,449	245,685	367,347	4,140	3,080
Miscellaneous	5,875	5,606	19,563	13,911	464,238	409,749	3,330	2,480
Miscellaneous	227,849	272,926			8,420,161	14,328,996		
Cotton	124,331	147,507	47,570	72,403	3,573,419	7,397,420	382.6	490.8
Cottonseed			79,328	90,874			638.0	616.1
			Tons	*Tons*			*Tons*	*Tons*
Sugar beets	77,729	110,008	1,062,242	1,345,500	4,564,350	6,575,616	13.7	12.2
Other crops	25,789	15,411			282,392	355,960		
Duplication	456,320	477,124						

[1] Figures include nonirrigated crops grown on projects (1932—acreage, 72,560 acres; crop value, $365,410; 1933—acreage, 68,799 acres; crop value, $627,287).

Source: Bureau of Reclamation, Department of the Interior.

No. 507.—IRRIGATION: SUMMARY FOR THE 19 IRRIGATION STATES

NOTE.—Tables 507 [illegible] those operated by individual farmers. They a[illegible]s. An enterprise is defined as "an independent [illegible] plying 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 509

Item	Census of—			Per cent increase 1920–1930 [1]
	1910	1920	1930	
All farms—number	1,776,046	1,916,391	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
[illegible] irrigated—do	17,812	16,699	11,052	
[illegible] 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)	4,886,893	
Average, per acre—dollars			62.38	
Value of irrigated crops harvested—1,000 dollars	(2)	(2)	899,943	
[illegible]	321,454	697,657	1,032,756	48.0
[illegible]	15.85	26.81	39.57	47.6
[illegible]	437,949	819,778	1,155,108	40.9
Average per acre, based on area in enterprises—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. 508.—IRRIGATION: ACREAGE AND INVESTMENT IN ENTERPRISES, BY CHARACTER OF ENTERPRISE, 1920 AND 1930

NOTE.—See headnote, Table 507

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	327,867
Cooperative	6,581,400	6,271,334	8,403,298	7,861,081	10,628,543	8,698,800	179,330
Irrigation district	1,822,887	3,452,275	2,531,425	4,846,095	3,432,109	6,013,347	210,733
Carey Act	523,929	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 507 and 508: Bureau of the Census, Department of Commerce.

No. 509.—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	35,890,921	30,599,470	26,020,477	28,101,890	14,433,285	19,121,716	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	5,220,588	4,528,251	3,855,348	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	2,489,806	2,181,250
Kansas	161,300	102,562	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	1,679,084	1,681,729	1,594,912
Nebraska	680,133	766,768	763,039	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	1,102,297	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	9,392
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	898,713
South Dakota	201,625	188,382	122,510	150,914	109,550	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	529,899	499,283
Wyoming	2,224,298	2,564,668	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	39.57	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	225,799	465,931	28.93	57.69	4.40	6.10
Colorado	88,302	87,603	22.90	21.48	95,198	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	14,063	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. 510.—IRRIGATION: Acreage and Investment in Enterprises, by Drainage Basins, 1920 and 1930

NOTE.—See headnote, Table 507

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	2,409		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	108,353	95,812	107,586	109,225	939	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. 511.—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	6,683	.7	45.49
California	6,623,727	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	2,291,927	15.7	124,762	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	371,269	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 per cent.

Source of Tables 510 and 511: Bureau of the Census, Department of Commerce.

No. 512.—IRRIGATION: Acreage, Production, and Value of Irrigated Crops Harvested, 1929

Note.—See headnote, Table 511

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	27,995,576	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	213,369	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	3,237,780	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	64,738	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	6,758,431	Ton	13,438,922	2.0	169,163,452	25.03
Tame hay	5,455,183	do	12,239,422	2.2	158,216,955	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]	19,833	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 misc. forage crops	88,431	do	514,162	5.8	3,740,885	42.30
Corn cut for fodder	37,764		(5)		(5)	
Vegetables, total	782,274				138,809,727	177.44
Potatoes (Irish or white)	252,505	Bushel	47,607,488	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] 5,752,449	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] 3.95
Figs	[6] 2,168,826	Pound	114,799,188	[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				170,184,856	[7] 8.45
Oranges	[6] 14,577,568					[7] 8.21
Lemons	[6] 2,770,197					[7] 15.51
Grapefruit	[6] 1,478,488	do	2,701,051	[7] 1.8	6,852,367	[7] 4.63
Olives	[6] 1,148,983	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	74,006,530	[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 reported for hay which is practically all duplicated in "Other grains and seeds," but
[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. 513.—DRAINAGE: SUMMARY FOR THE UNITED STATES

NOTE.—The statistics for drainage on farms in the first part of this table [illegible] farmers while those for drainage enterprises were obtained from a spe[illegible] enterprises. A farm may have artificial drainage without being conne[illegible] ual 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— 1920	Census of— 1930	Per cent increase 1920–1930[1]
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[3]—do	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	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 515.
[3] "Swampy, subject to overflow, seeped, or alkali."
[4] Not called for on schedule.
[5] "Suffering a loss of crops from defective drainage."

No. 514.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: BY DATE OF ORGANIZATION AND BY CHARACTER OF ENTERPRISE: 1930

Date of organization	Land	Area of enterprises: Total	Area of enterprises: Overlapped area	Capital invested to Jan. 1, 1930	Character of enterprise	Land in enterprises[1]	Capital: Invested to Jan. 1, 1930	Capital: Additional required to complete
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*	*1,000 dollars*
All enterprises	**84,408**	**128,495**	**44,087**	**680,733**	**Total**	**84,408**	**680,733**	**9,346**
Before 1870	919	1,057	138	1,263	Drainage districts	32,545	357,799	6,731
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	190,583	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 513 and 514: Bureau of the Census, Department of Commerce.

No. 515.—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	7,396,078	66,234,390	10,777,625	68,640,109	54,427,577	372,274	650,733
East North Central	31,627,176	33,485,754	1,288,906	29,439,215	2,757,633	32,689,727	26,317,269	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	8,826,265	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	121,562	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	53,682
[illegible]		15,042		13,138	1,904	5,704	4,748		242
[illegible]		679,236	79,267	438,992	160,977	331,121	267,525	3,623	4,719
[illegible]		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	4,167,681	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	363,671	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	28,946	72,572
Arkansas	3,479,591	4,631,155	586,664	3,435,280	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	810,076	1,969,770	59,667	1,779,788	130,315	1,728,767	1,504,265	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	49,285	75,255
Washington	94,924	367,242	9,879	329,166	28,197	351,898	309,818	1,398	4,638
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	47,687	66,452

Source: Bureau of the Census, Department of Commerce.

25.—FARMS—GENERAL STATISTICS

[Data in this section relate to continental United States]

No. 516.—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]

Item	1850	1890	1900	1910	1920	1925	1930
[illegible]							775,046
							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)	[illegible]	[illegible]	[illegible]	[illegible]	77,923,652	57,017,740	57,245,544
Land and buildings	[illegible]	[illegible]	[illegible]	[illegible]	66,316,003	49,467,647	47,879,838
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	2,691,704	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	964
Average value of all farm property per acre (dollars)	13.51	25.81	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 f[illegible] in 1920 and 1930 they were obtained from the popul[illegible] lecting the information, the 1925 figures are not here[illegible] 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. 517.—CLASSIFICATION OF FARM LAND: By States, 1930

NOTE.—For total land in farms, see Table 518

[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	3,669	41	315	6,266	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	5,802	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	150,285	138,716	4,058	7,511	98,214	34,406	13,261	50,547	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	1,969	2,558	245	1,528
Missouri	15,646	13,176	806	1,665	14,297	7,018	5,262	2,017	2,438	1,361
North Dakota	24,528	21,265	854	2,419	10,758	3,183	400	7,176	158	3,213
South Dakota	19,003	17,856	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	18,687	7,107	781	10,799	328	1,425
South Atlantic	34,068	27,520	568	5,979	21,794	7,786	9,067	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	688
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	2,291	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	336	4,392	379	736	3,276	124	758
Wyoming	2,203	2,008	96	189	20,837	2,322	468	18,047	48	348
Colorado	8,440	6,750	858	840	19,338	4,215	1,411	13,713	131	958
New Mexico	1,799	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	1,448	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. 518.—NUMBER AND ACREAGE OF FARMS:

Division and State	Number of farms					All land in farms (thousands of acres)		
	1900	1910	1920	1925	1930	1900	1910	1920
United States	5,737,372	6,361,502	6,448,343	6,371,640	6,288,648	838,592	878,798	955,884
New England	191,888	188,802	156,564	159,489	124,925	20,549	19,715	16,991
Maine	59,299	60,016	48,227	50,033	39,006	6,300	6,297	5,426
New Hampshire	29,324	27,053	20,523	21,065	14,906	3,610	3,249	2,604
Vermont	33,104	32,709	29,075	27,786	24,898	4,724	4,664	4,236
Massachusetts	37,715	36,917	32,001	33,454	25,598	3,147	2,876	2,494
Rhode Island	5,498	5,292	4,083	3,911	3,322	456	443	332
Connecticut	26,948	26,815	22,655	23,240	17,195	2,312	2,186	1,899
Middle Atlantic	485,618	468,379	425,147	418,868	357,603	44,860	43,191	40,573
New York	226,720	215,597	193,195	188,754	159,806	22,648	22,030	20,633
New Jersey	84,650	33,487	29,702	29,671	25,378	2,841	2,574	2,283
Pennsylvania	224,248	219,295	202,250	200,443	172,419	19,371	18,587	17,658
East North Central	1,135,823	1,123,489	1,084,744	1,051,572	966,502	116,341	117,929	117,735
Ohio	276,719	272,045	256,695	244,703	219,296	24,502	24,106	23,516
Indiana	221,897	215,485	205,126	195,786	181,570	21,620	21,300	21,063
Illinois	264,151	251,872	237,181	225,601	214,497	32,795	32,523	31,975
Michigan	203,261	206,960	196,447	192,327	169,372	17,562	18,941	19,033
Wisconsin	169,795	177,127	189,295	193,155	181,767	19,863	21,060	22,148
West North Central	1,060,744	1,109,948	1,096,951	1,111,314	1,112,755	201,009	232,648	256,973
Minnesota	154,659	156,137	178,478	188,231	185,255	26,248	27,676	30,222
Iowa	228,622	217,044	213,439	213,490	214,928	34,574	33,931	33,475
Missouri	284,886	277,244	263,004	260,473	255,940	33,998	34,591	34,775
North Dakota	45,332	74,360	77,690	75,970	77,975	15,543	28,427	36,215
South Dakota	52,622	77,644	74,637	79,537	83,157	19,071	26,017	34,636
Nebraska	121,525	129,678	124,417	127,734	129,458	29,912	38,622	42,225
Kansas	173,098	177,841	165,286	165,879	166,042	41,663	43,385	45,425
South Atlantic	962,225	1,111,881	1,158,976	1,108,061	1,058,468	104,298	103,782	97,775
Delaware	9,687	10,836	10,140	10,257	9,707	1,066	1,039	945
Maryland	46,012	48,923	47,908	49,001	43,203	5,170	5,057	4,758
District of Columbia	269	217	204	139	104	8	6	6
Virginia	167,886	184,018	186,242	193,723	170,610	19,908	19,496	18,561
West Virginia	92,874	96,685	87,289	90,380	82,641	10,655	10,026	9,570
North Carolina	224,637	253,725	269,763	283,482	279,708	22,749	22,439	20,022
South Carolina	155,355	176,434	192,693	172,767	157,931	13,985	13,512	12,427
Georgia	224,691	291,027	310,732	249,095	255,598	26,392	26,953	25,441
Florida	40,814	50,016	54,005	59,217	58,966	4,364	5,254	6,047
East South Central	903,313	1,042,480	1,051,600	1,006,052	1,062,214	81,248	81,521	78,897
Kentucky	234,667	259,185	270,526	258,524	246,499	21,979	22,189	21,613
Tennessee	224,623	246,012	252,774	252,669	245,657	20,342	20,042	19,511
Alabama	223,220	262,901	256,099	237,631	257,395	20,685	20,732	19,577
Mississippi	220,803	274,382	272,101	257,228	312,663	18,241	18,558	18,197
West South Central	754,853	943,186	996,088	1,017,305	1,103,134	176,491	169,150	173,449
Arkansas	178,694	214,678	232,604	221,991	242,334	16,637	17,416	17,457
Louisiana	115,969	120,546	135,463	132,450	161,445	11,059	10,439	10,020
Oklahoma[1]	108,000	190,192	191,983	197,218	203,866	22,988	28,859	31,952
Texas	352,190	417,770	436,033	465,646	495,489	125,807	112,435	114,021
Mountain	101,327	183,446	244,109	233,392	241,314	46,397	59,533	117,337
Montana	13,370	26,214	57,677	46,904	47,495	11,844	13,546	35,071
Idaho	17,471	30,807	42,106	40,592	41,674	3,205	5,284	8,376
Wyoming	6,095	10,987	15,748	15,512	16,011	8,125	8,543	11,809
Colorado	24,700	46,170	59,934	58,020	59,956	9,475	13,532	24,462
New Mexico	12,311	35,676	29,844	31,687	31,404	5,131	11,270	24,410
Arizona	5,809	9,227	9,975	10,802	14,173	1,935	1,247	5,802
Utah	19,387	21,676	25,662	25,992	27,159	4,117	3,398	5,050
Nevada	2,184	2,689	3,163	3,883	3,442	2,566	2,715	2,357
Pacific	141,581	189,891	234,164	265,587	261,733	47,400	51,329	56,153
Washington	33,202	56,192	66,288	73,267	70,904	8,499	11,712	13,245
Oregon	35,837	45,502	50,206	55,911	55,153	10,071	11,685	13,542
California	72,542	88,197	117,670	136,409	135,676	28,829	27,931	29,366

[1] 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
1925	1930	1924	1929	1910	1920	1925	1930	1910	1920	1925	1930	
924,319	986,771	391,460	413,286	138.1	148.2	145.1	156.9	46.2	50.2	48.6	51.8	U. S.
15,858	14,283	4,624	4,015	104.4	108.5	99.4	114.3	49.7	42.8	40.0	36.0	N. E.
5,161	4,640	1,644	1,402	104.9	112.5	103.2	119.0	32.9	28.4	27.0	24.3	Me.
2,262	1,960	543	422	120.1	126.9	107.4	131.5	56.2	45.0	39.1	33.9	N. H.
3,926	3,896	1,150	1,128	142.6	145.7	141.3	156.5	79.9	72.5	67.2	66.7	Vt.
2,368	2,006	677	564	77.9	77.9	70.8	78.3	55.9	48.5	46.0	39.0	Mass.
309	279	76	68	83.8	81.2	79.0	84.1	64.9	48.6	45.3	40.9	R. I.
1,832	1,502	534	431	81.5	83.8	78.8	87.4	70.9	61.6	59.4	48.7	Conn.
37,491	35,047	18,645	16,955	92.2	95.4	89.5	98.0	67.5	63.4	58.6	54.8	M. A.
19,270	17,980	9,088	8,154	102.2	106.8	102.1	112.5	72.2	67.7	63.2	59.0	N. Y.
1,925	1,758	1,126	987	76.9	76.8	64.9	69.3	53.5	47.5	40.0	36.6	N. J.
16,296	15,309	8,431	7,814	84.8	87.3	81.3	88.8	64.8	61.5	56.8	53.4	Pa.
112,752	110,891	64,790	63,432	105.0	108.5	107.2	114.7	75.0	74.9	71.7	70.6	E. N. C.
22,219	21,514	11,695	11,269	88.6	91.6	90.8	98.1	92.5	90.2	85.2	82.5	Ohio.
19,915	19,689	11,981	11,722	98.8	102.7	101.7	108.4	92.3	91.3	86.3	85.3	Ind.
30,732	30,695	21,315	21,140	129.1	134.8	136.2	143.1	90.7	89.1	85.7	85.6	Ill.
18,035	17,119	9,671	9,094	91.5	96.9	93.8	101.1	51.5	51.7	49.0	46.5	Mich.
21,851	21,874	10,128	10,207	118.9	117.0	113.1	120.3	59.6	62.6	61.8	61.9	Wis.
248,081	265,488	138,827	150,285	209.6	234.3	223.2	238.6	71.2	78.6	75.9	81.2	W. N. C.
30,059	30,913	18,651	19,491	177.3	169.3	159.7	166.9	53.5	58.4	58.1	59.7	Minn.
33,281	34,019	21,998	22,738	156.3	156.8	155.9	158.3	95.4	94.1	93.6	95.6	Iowa.
32,642	33,743	15,278	15,646	124.8	132.2	125.3	131.8	78.6	79.1	74.2	76.7	Mo.
34,327	38,658	21,864	24,528	382.3	466.1	451.9	495.8	63.3	80.6	76.4	86.1	N. Dak.
32,018	36,470	16,441	19,003	335.1	464.1	402.6	438.6	52.9	70.4	65.1	74.1	S. Dak.
42,025	44,709	20,698	22,344	297.8	339.4	329.0	345.4	78.6	85.9	85.5	91.0	Nebr.
43,729	46,976	23,897	26,535	244.0	274.8	263.6	282.9	82.9	86.8	83.6	89.8	Kans.
88,569	86,363	34,649	34,066	93.3	84.4	79.9	81.6	60.3	56.8	51.4	50.2	S. A.
900	901	519	504	95.9	93.1	87.7	92.8	82.6	75.1	71.5	71.6	Del.
4,433	4,374	2,228	2,129	103.4	99.3	90.5	101.3	79.5	74.8	69.7	68.8	Md.
4	3	2	2	27.9	27.8	27.4	29.5	15.8	14.8	9.6	7.7	D. C.
17,210	16,729	5,368	5,059	105.9	99.7	88.8	98.1	75.7	72.0	66.8	64.9	Va.
8,980	8,802	1,921	1,907	103.7	109.6	99.4	106.5	65.2	62.2	58.4	57.3	W. Va.
18,594	18,055	6,857	7,012	88.4	74.2	65.6	64.5	71.9	64.2	59.6	57.9	N. C.
10,639	10,393	5,036	5,037	76.6	64.5	61.6	65.8	69.2	63.7	54.5	53.3	S. C.
21,945	22,079	10,696	10,447	92.6	81.9	88.1	86.4	71.7	67.7	58.4	58.7	Ga.
5,865	5,027	2,022	1,969	105.0	112.0	99.0	85.2	15.0	17.2	16.7	14.3	Fla.
70,607	72,818	28,817	30,247	78.2	75.0	70.2	68.6	71.0	68.7	61.5	63.4	E. S. C.
19,913	19,928	6,827	6,927	85.6	79.9	77.0	80.8	86.3	84.0	77.4	77.5	Ky.
17,901	18,003	7,589	7,666	81.5	77.2	70.8	73.3	75.1	73.1	67.1	67.5	Tenn.
16,739	17,555	7,692	8,199	78.9	76.4	70.4	68.2	63.2	59.7	51.0	53.5	Ala.
16,053	17,332	6,709	7,455	67.6	66.9	62.4	55.4	62.5	61.3	54.1	58.4	Miss.
165,013	183,906	56,809	64,747	179.3	174.1	162.2	166.7	61.5	63.1	60.0	66.9	W. S. C.
15,632	16,053	7,323	7,907	81.1	75.0	70.4	66.2	51.8	51.9	46.5	47.8	Ark.
8,838	9,355	4,279	4,741	86.6	74.0	66.7	57.9	35.9	34.5	30.4	32.2	La.
30,869	33,791	15,838	17,333	151.7	166.4	156.5	165.8	65.0	71.9	69.5	76.1	Okla.
109,674	124,707	29,369	34,766	269.1	261.5	235.5	251.7	67.0	67.9	66.3	74.3	Tex.
131,689	157,450	25,587	30,651	324.5	480.7	564.2	652.5	10.8	21.3	24.0	28.6	Mt.
32,736	44,659	8,474	11,399	516.7	608.1	697.9	940.3	14.5	37.5	35.0	47.8	Mont.
8,116	9,347	3,714	4,073	171.5	198.9	199.9	224.3	9.9	15.7	15.2	17.5	Idaho.
18,663	23,525	1,878	2,293	777.6	749.9	1,203.2	1,469.3	13.7	18.9	29.9	37.7	Wyo.
24,167	28,876	7,199	8,449	293.1	408.1	416.5	481.6	20.4	36.9	36.4	43.5	Colo.
27,850	30,822	1,785	1,799	315.9	817.9	878.9	981.5	14.4	31.1	35.5	39.3	N. Mex
11,065	10,527	578	649	135.1	581.7	1,024.4	742.7	1.7	8.0	15.2	14.5	Ariz.
5,001	5,613	1,425	1,495	156.7	196.8	192.4	206.7	6.5	9.6	9.5	10.7	Utah.
4,091	4,081	534	494	1,009.6	745.2	1,053.5	1,185.6	3.9	3.4	5.8	5.8	Nev.
54,258	60,525	18,712	18,838	270.3	239.8	204.3	231.2	25.2	27.6	28.7	29.7	Pac.
12,610	13,534	6,084	6,275	208.4	199.8	172.1	190.9	27.4	31.0	29.5	31.6	Wash.
14,131	16,549	4,227	4,173	256.8	269.7	252.7	300.1	19.1	22.1	23.1	27.0	Oreg.
27,517	30,442	8,401	8,390	316.7	249.6	201.7	224.4	28.0	29.5	27.6	30.6	Calif.

No. 519.—VALUE OF FARM PROPERTY: ALL PROPERTY, LAND,

[All amounts in

Division and State	Value of all farm property				Value of land			
	1910	1920	1925	1930	1910	1920	1925	1930
United States	40,991,449	77,923,652	57,017,740	57,245,544	28,475,674	54,829,563	37,721,018	34,929,845
New England	867,240	1,173,020	1,091,545	1,156,353	382,194	488,125	413,932	440,972
Maine	199,272	270,527	245,869	248,696	86,481	114,412	97,524	95,621
New Hampshire	103,704	118,656	107,084	99,601	44,519	47,425	37,226	32,179
Vermont	145,400	222,737	180,912	202,839	58,385	82,938	63,865	63,619
Massachusetts	226,474	300,472	293,405	303,837	105,533	127,654	110,437	118,209
Rhode Island	32,991	33,637	33,446	41,111	15,010	14,509	13,543	16,614
Connecticut	159,400	226,992	230,829	260,269	72,206	101,187	91,337	114,739
Middle Atlantic	2,959,589	3,949,684	3,478,716	3,602,634	1,462,321	1,861,676	1,332,457	1,282,272
New York	1,451,481	1,908,483	1,706,930	1,711,762	707,748	793,336	646,980	600,085
New Jersey	254,833	311,848	311,084	355,388	124,143	142,182	130,331	152,491
Pennsylvania	1,253,275	1,729,353	1,460,702	1,535,484	630,430	726,158	555,146	529,696
East North Central	10,119,128	17,245,363	12,592,988	11,116,009	7,231,699	12,046,074	7,969,004	6,169,552
Ohio	1,902,695	3,095,666	2,236,902	2,012,937	1,285,895	2,015,113	1,299,024	1,032,210
Indiana	1,809,135	3,042,311	1,931,742	1,677,993	1,328,197	2,202,566	1,268,777	958,634
Illinois	3,905,321	6,666,767	4,627,965	3,786,661	3,090,411	5,250,295	3,426,455	2,555,100
Michigan	1,088,858	1,763,335	1,523,977	1,428,817	615,258	959,187	764,871	638,023
Wisconsin	1,413,119	2,677,283	2,272,402	2,209,601	911,938	1,618,913	1,209,878	985,585
West North Central	13,535,310	27,991,035	18,879,178	18,146,431	10,052,561	21,340,145	13,303,048	11,643,370
Minnesota	1,476,412	3,787,420	2,761,684	2,608,124	1,019,102	2,750,328	1,796,600	1,453,960
Iowa	3,745,861	8,524,471	5,602,078	4,992,485	2,801,974	6,679,021	3,969,814	3,186,980
Missouri	2,052,917	3,591,068	2,286,639	2,149,429	1,445,982	2,594,193	1,562,725	1,305,949
North Dakota	974,814	1,759,743	1,191,037	1,186,659	730,380	1,279,314	813,722	720,077
South Dakota	1,166,097	2,823,870	1,658,921	1,579,241	902,607	2,231,432	1,201,015	1,033,288
Nebraska	2,079,819	4,201,656	2,874,478	2,934,898	1,614,539	3,330,222	2,125,792	2,048,664
Kansas	2,039,390	3,302,806	2,504,340	2,695,596	1,537,977	2,475,635	1,833,379	1,894,452
South Atlantic	2,951,201	6,132,918	4,659,177	4,471,400	1,883,350	4,000,682	2,980,771	2,578,136
Delaware	63,179	80,138	72,798	83,272	34,938	42,116	34,435	35,230
Maryland	286,167	463,638	397,093	425,248	163,452	259,904	207,274	198,454
Dist. of Columbia	8,477	5,928	5,003	7,346	7,194	4,156	3,564	6,140
Virginia	625,065	1,196,556	999,466	992,825	394,659	756,354	600,676	533,908
West Virginia	314,739	496,440	411,159	411,787	207,076	307,310	251,793	222,764
North Carolina	537,716	1,250,167	1,050,016	965,351	343,165	857,815	686,425	573,758
South Carolina	392,128	953,065	523,084	439,680	268,775	647,157	347,087	260,135
Georgia	580,546	1,356,685	686,673	683,435	370,353	897,445	433,649	394,892
Florida	143,183	330,302	513,884	462,456	93,738	228,425	415,869	352,855
East South Central	2,192,772	4,419,417	2,898,526	3,227,571	1,326,827	2,916,141	1,827,823	1,875,271
Kentucky	773,798	1,511,901	963,569	1,020,613	484,465	1,050,753	616,214	594,982
Tennessee	612,521	1,251,916	883,646	893,843	371,416	807,782	555,943	515,651
[illegible]	370,138	690,849	500,740	611,301	216,944	415,764	308,664	354,039
[illegible]	426,315	964,752	550,571	692,814	254,002	641,842	347,002	410,599
West South Central	3,838,154	7,622,066	5,698,760	6,863,760	2,716,099	5,408,080	4,176,964	4,815,599
Arkansas	400,089	924,395	628,846	649,877	246,021	607,773	420,735	407,920
Louisiana	301,221	589,827	385,911	501,826	187,803	383,618	251,738	313,558
Oklahoma [2]	918,199	1,660,424	1,210,135	1,477,741	649,067	1,171,459	879,335	1,031,251
Texas	2,218,645	4,447,420	3,471,867	4,234,316	1,633,207	3,245,209	2,625,157	3,062,870
Mountain	1,757,573	4,083,138	2,758,216	3,262,155	1,174,370	2,801,712	1,838,980	2,038,198
Montana	347,829	985,961	574,897	708,364	226,771	691,912	389,514	442,941
Idaho	305,317	716,138	451,885	528,914	219,953	511,866	309,760	340,256
Wyoming	167,189	334,411	240,396	306,587	88,908	210,947	148,168	174,464
Colorado	491,472	1,076,795	712,285	795,387	362,822	763,723	493,974	510,955
New Mexico	159,448	325,186	236,301	293,138	98,806	196,341	152,033	180,721
Arizona	75,124	233,593	194,049	243,458	42,350	156,563	126,788	160,854
Utah	150,795	311,275	250,313	289,118	99,482	210,998	159,703	174,341
Nevada	60,399	99,780	98,086	97,189	35,277	59,362	59,031	53,666
Pacific	2,780,482	5,307,011	4,962,634	5,399,231	2,246,314	4,166,948	3,878,038	4,086,475
Washington	637,543	1,057,430	823,438	887,834	517,422	797,651	584,386	608,373
Oregon	528,244	818,560	714,410	755,897	411,696	586,242	505,141	501,947
California	1,614,695	3,431,022	3,424,786	3,755,500	1,317,195	2,783,055	2,788,511	2,976,155

[1] Domestic animals, chickens, and bees in 1930.
[2] 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 [1]			Division and State
1920	1925	1930		1920	1925	1930	1920	1925	1930	
11,436,440	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	163,163	103,584	123,759	N. E.
89,697	99,746	98,659	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.
11,879	14,377	17,893	9,849	2,409	2,004	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.
1,340,482	1,467,377	1,535,496	800,028	359,152	333,490	355,438	588,394	345,393	429,427	M. A.
631,720	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	154,756	238,775	149,878	177,710	Pa.
2,891,568	3,054,655	3,167,233	1,601,716	786,077	567,871	626,208	1,521,644	1,001,458	1,153,010	E. N. C.
946,323	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	386,688	222,620	147,104	160,413	446,154	281,402	290,199	Ill.
477,500	519,191	522,628	270,241	122,390	96,253	105,562	204,259	143,662	162,604	Mich.
568,999	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	W. N. C.
550,840	597,142	671,134	315,743	181,088						Minn.
922,752	984,632	1,037,526	475,398	309,172						Iowa.
468,774	440,561	490,297	281,328	138,261						Mo.
209,208	206,381	231,149	109,806	114,187						N. D.
241,462	230,273	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	288,770	Nebr.
354,429	364,572	386,650	211,085	154,717	111,288	167,785	318,025	195,100	246,708	Kans.
1,201,092	1,118,173	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	157,718	88,617	28,970	22,885	25,682	48,071	32,846	43,395	Md.
1,421	1,231	1,003	437	104	108	93	246	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.
747,552	653,007	810,093	534,557	176,065	123,550	157,459	579,659	294,147	384,748	E. S. C.
254,406	231,213	276,467	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	40,746	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	252,866	336,335	1,019,779	484,460	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	215,928	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.
361,476	334,002	420,285	238,758	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	16,516	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	32,499	46,882	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.
502,469	617,409	737,486	423,147	232,358	190,365	228,839	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. 520.—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	19.38	28.73	26.10	30.87
Maine	3,320	5,609	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	6,682	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	6,884	7,880	38.86	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	11,776	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	10,433	9,660	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	12,937	8,661	7,796	62.36	104.57	63.71	48.60
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	6,853	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	14,875	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	29,836	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	29.85
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	68,690	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	3,678	7,843	5,212	3,088	7,179	17.84	37.78	70.91	70.20
East South Central	2,094	4,203	2,881	3,039	3,484	2,466	2,528	16.28	36.96	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	13.69	35.27	21.62	23.69
West South Central	4,069	7,652	5,600	6,222	6,316	4,875	5,263	16.06	31.18	25.31	26.19
Arkansas	1,864	3,974	2,833	2,682	3,238	2,436	2,261	14.13	34.82	26.91	25.41
Louisiana	2,499	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	9,581	16,727	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	18,481	43.78	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	46.34	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. 521.—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	966,584	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	520,593	451,338	159,696	80,620
New England	124,925	19,977	20,284	29,740	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	2,097	2,268	4,129	7,396	4,535	3,195	590	88
Massachusetts	25,598	7,589	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	357,603	53,337	56,885	100,639	98,813	32,186	13,744	1,666	333
New York	159,806	19,428	21,531	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	966,502	82,339	135,908	230,162	301,247	109,222	51,631	5,301	692
Ohio	219,206	24,909	33,734	71,160	63,920	17,780	6,888	791	104
Indiana	181,570	19,603	27,866	52,199	53,155	18,731	8,949	953	114
Illinois	214,497	16,839	21,654	41,678	72,347	38,124	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	68,644	22,287
Minnesota	185,255	8,163	14,966	33,150	66,698	33,064	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	39,787	60,119	74,138	33,792	21,658	3,760	583
North Dakota	77,975	703	826	1,351	9,641	5,505	33,450	21,066	5,433
South Dakota	83,157	1,626	1,537	3,088	18,034	10,739	29,559	13,401	5,223
Nebraska	129,458	6,039	4,191	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	1,058,468	192,363	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	31,268	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	57,893	97,502	72,673	35,682	9,004	4,930	1,121	303
South Carolina	157,931	35,916	63,297	33,318	15,448	4,919	3,408	1,167	458
Georgia	255,598	26,049	97,150	69,751	37,853	12,976	8,180	2,722	917
Florida	58,966	17,773	19,875	10,549	6,206	2,124	1,559	568	312
East South Central	1,062,214	229,788	381,738	234,993	140,103	43,313	24,568	5,895	1,816
Kentucky	240,499	50,694	56,673	67,210	47,908	14,870	7,437	1,407	300
Tennessee	245,657	46,585	77,665	63,382	38,183	11,925	6,344	1,312	261
Alabama	257,395	38,755	115,123	50,317	27,889	8,385	5,259	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	320,965	244,315	212,422	68,182	61,435	21,891	14,722
Arkansas	242,334	48,080	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	59,956	7,462	4,728	5,990	10,499	3,952	13,100	8,982	5,253
New Mexico	31,404	8,889	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	12,666	10,573	8,932	8,693	3,667	4,597	3,029	2,996
California	135,676	50,929	34,948	16,378	11,561	4,976	6,969	4,861	5,054

Source: Bureau of the Census, Department of Commerce.

No. 522.—NUMBER AND ACREAGE OF FARMS: By Size, for Each Division

NOTE.—For totals for United States see Tables 521 and 524

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	156,564	25,886	27,117	38,036	37,993	25,173	1,916	443
1925	159,489	30,385	29,271	38,368	36,799	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	155,489	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	366,438	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	376,820	68,644	22,287
South Atlantic:								
1900	962,225	147,165	265,623	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	255,439	160,805	90,252	10,076	3,339
1930	1,058,468	192,363	345,867	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	84,898	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	236,016	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	4,932	4,585
1920	244,109	22,071	25,392	26,896	45,855	77,982	30,005	15,908
1925	233,392	26,678	25,892	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	29,571	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	7,264	12,600	11,157	1,037	582
East North Central	110,891	768	4,791	21,138	39,939	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	56,644	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. 523.—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	406,641	504,123	507,763	588,049	559,617
20 to 49 acres	902,777	1,257,496	1,414,376	1,503,732	1,450,643	1,440,388
50 to 99 acres	1,121,485	1,366,038	1,438,069	1,474,745	1,421,078	1,374,965
100 to 499 acres	2,008,694	2,290,282	2,494,461	2,456,107	2,326,155	2,314,358
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	520,593
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	159,696
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	39.9	39.2	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	4,006,826	3,993,539	3,909,032	3,824,283
Owners		3,653,323	3,948,722	3,925,090	3,868,332	3,768,394
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	856,750
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					210,838	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	71.6	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 56 Filipinos, 30 Koreans, and 1 Hawaiian.
[5] Separate data not available.

Source: Bureau of the Census, Department of Commerce.

No. 524.—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	*128,354*	*128,201*	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*	*43,135*	32,273	39,992	*8.5*	*9.6*	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	616,336	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]	*41,586*	*34,397*	19,197	23,586	*8.7*	*6.8*	5.6	6.6
Other tenants [3]	*114,721*	*141,257*	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	*29,033*	*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. 525.—NUMBER OF FARMS: By Tenure and by States

NOTE.—Total number of farms (all tenures combined) in Table 518. Acreage by tenure in Table 526

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*	*3,568,394*	*68,449*	*40,700*	*55,889*	*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	2,261	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	766,786	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	62,296	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	119,892	3,411	1,877	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	766	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	1,546	75,727	85,027	89,076
North Dakota	56,917	49,513	50,105	855	361	470	19,918	26,096	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	609,304	539,930	9,799	6,137	8,964	542,088	492,620	509,574
Delaware	6,010	6,515	6,260	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	48,808	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	693	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	3,506	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	178,898	4,116	2,410	3,590	37,478	51,784	58,828
Montana	50,271	36,281	35,353	899	367	514	6,507	10,256	11,628
Idaho	34,047	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	2,889	3,321
Nevada	2,699	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. 526.—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 517 and 518. 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—									Crop land 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	616,338	618,376	54,129	43,097	61,986	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	6,002	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	33,350	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	12,250	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	5,329
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	93,160	16,511	11,998	22,524	52,157	55,305	68,222	23,814	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	98,549	114,069	19,074	14,044	19,055	13,475	19,100	25,160	16,385	780	6,114
Montana	28,953						3,258	5,459	7,499	5,975	186	1,680
Idaho	6,799						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	1,391	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	2,693	2,157	796	1,208	926	141	190	999	268	89	40
Pacific	36,473	37,566	40,683	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. 527.—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	40.6	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	3.6	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	15.8	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	46.8	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	68.2	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	33.3	44.5	59.6	61.9	9.7	16.6
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	56.5	11.0	15.7
Arkansas	50.0	51.3	56.7	63.0	27.0	30.3	33.8	42.2	50.9	56.8	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	52.6	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	16.0	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. 528.—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 518. "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	156,293	124,766	271	159	16,970	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	29,047	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	34,963	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	1,090,267	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	30,802	20	21
Iowa	213,330	214,774	109	154	33,466	34,008	9	11
Missouri	260,178	250,079	2,826	5,861	34,584	33,480	190	257
North Dakota	77,147	77,174	543	801	36,028	38,508	187	150
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	760,089	383,832	298,379	79,550	71,704	18,225	14,659
Delaware	9,268	8,900	872	807	890	846	55	55
Maryland	41,699	37,936	6,209	5,267	4,406	4,029	352	346
Dist. of Columbia	184	93	20	11	5	3	(1)	(1)
Virginia	138,456	130,937	47,786	39,673	10,298	14,683	2,263	2,046
West Virginia	86,785	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	180,545	168,809	130,187	86,789	13,369	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	60,856	12,114	11,931
Kentucky	257,998	237,395	12,628	9,104	21,186	19,535	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	262,349	162,489	172,690	10,980	11,216
Arkansas	160,322	162,755	72,282	79,579	14,832	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	30,239	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	41,598	40,976	508	698	8,328	9,290	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	4,060	12	21
Pacific	225,839	254,228	8,325	7,504	55,430	59,993	722	532
Washington	65,022	69,555	1,266	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. 529.—NUMBER OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

NOTE.—See headnote Table 528

	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	881,687	140,496	41,523	829	698,839	97,920	392,897	208,022
South Atlantic:								
White	760,089	406,386	53,041	8,485	292,177	49,472	120,487	122,218
Colored	298,379	60,714	19,789	479	217,397	29,327	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	2,863	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. 530.—ACREAGE OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

[All figures in thousands of acres. See headnote Table 528]

	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	11,931	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	685	2,206	1,424
West South Central:								
White	172,690	58,119	1,344	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	13,565	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. 531.—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 519, p. 544

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	12,580
New England	748	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	3,466	1,534	1,658	5,116	4,564
South Atlantic	2,534	2,116	190	279	162	201	1,018	964
East South Central	1,457	1,369	157	214	141	190	685	832
West South Central	1,963	1,964	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	1,585.0	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	36.4
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	29.4	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	8,924
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	1,601	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	13,246	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	694	961	404	478	293	349
New England	487	682	950	1,255	375	570	566	741
Middle Atlantic	746	921	1,229	1,484	682	880	972	1,154
East North Central	491	576	662	796	568	646	607	727
West North Central	673	828	987	1,394	732	912	687	954
South Atlantic	239	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	660	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. 532.—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	2,279,089	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	14,093	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	457,086	419,195	422,303	92,007	49,831
All other (including not reported)	66,131	61,127	71,323	18,200	24,031

Source: Bureau of the Census, Department of Commerce.

No. 533.—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	3,568,394
Reported as free from mortgage	2,419,180	2,588,596	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. 534.—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	3,925,090	3,868,332	3,568,394	2,074,325	1,845,997	1,461,306	1,395,026	1,497,766
New England	140,160	148,159	114,104	80,412	58,788	53,138	49,864	49,675
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	30,870	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	179,328	163,718	125,216	110,810	120,417
New York	151,717	159,949	136,041	75,522	68,786	66,633	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	766,786	771,876	693,892	382,771	342,455	326,313	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	68,046	78,758	70,853	68,973
Wisconsin	159,610	162,052	146,987	57,773	55,509	94,258	90,619	86,080
West North Central	711,156	685,797	661,115	278,906	271,396	368,158	350,991	361,596
Minnesota	132,744	136,382	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	40,462	31,602	33,590
South Dakota	47,815	46,160	45,609	16,037	15,394	27,262	28,813	27,287
Nebraska	69,672	67,766	67,418	27,065	24,893	35,191	38,279	38,961
Kansas	97,090	95,149	94,762	40,979	41,728	44,064	44,227	49,079
South Atlantic	607,089	609,304	539,930	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	32,805	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	39,232
South Carolina	67,724	59,969	54,470	42,847	32,222	14,299	15,521	18,320
Georgia	102,123	88,680	79,802	64,061	46,479	23,135	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	282,467	124,723	119,931	144,803
Kentucky	179,327	175,442	157,403	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	236,932	209,049	162,738	147,212	165,398
Arkansas	112,647	95,476	89,009	64,881	47,494	33,990	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	47,025	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	20,965	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	1,332	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	60,389	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	109,654	103,506	36,042	43,852	44,109	50,801	54,654

Source: Bureau of the Census, Department of Commerce.

No. 535.—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	4,080,178
New England	49,456	47,817	45,760	271,163	272,769	323,653	91,756	108,361	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	435,168	145,533	165,622	170,460
New Jersey	9,296	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	922,266	1,011,942	950,589
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	36,603	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	752,008	493,793	413,926	216,403	220,265	187,864
North Dakota	22,623	15,597	13,983	380,133	200,549	158,460	108,285	82,411	60,444
South Dakota	14,039	13,511	11,157	411,837	234,807	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	688,282	192,669	249,235	241,605
Delaware	1,903	1,723	2,199	11,422	9,874	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	49,671
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	35,024
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	1,134,848	924,782	952,691	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	59,368	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	186,174	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. 536.—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	2,565,157	88.1	325,909	18,841,822	281,403	238,940	80.73	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	26,434	1.17	1.54
New York	124,206	114,172	91.9	11,861	814,162	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	4,016,666	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	7,595	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	4,895,131	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	14,946	794,407	8,628	7,123	.48	.90
North Dakota	23,807	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	38,849	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
[illegible]	104,956	97,440	92.8	9,994	519,918	4,694	3,546	.35	.68
	60,581	55,553	91.7	5,873	227,978	3,859	2,965	.50	1.30
	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	2,926	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	99,468	76.3	30,141	823,374	14,004	10,777	.36	1.31
Montana	20,101	16,030	79.7	7,935	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	26,929	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	128,313	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	2,113,924	25,327	22,688	1.32	1.07
Washington	49,702	43,907	88.3	3,790	361,592	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. 537.—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	2,324,690	37.0	271,059	2,239,546	35.6	7,535,022
New England	104,673	83.8	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	68,611
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	350,780	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
	113,734	62.6	26,135	83,006	45.7	7,054	81,679	45.0	205,144
	143,337	66.8	35,973	30,639	14.3	3,594	15,143	7.1	53,800
	107,275	63.3	21,051	72,128	42.6	5,474	66,550	39.3	140,083
	137,954	75.9	31,087	33,644	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	32,504	12.7	57,432
North Dakota	28,296	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
	427,520	40.4	63,893	813,149	76.8	119,239	808,199	76.4	3,707,305
	7,417	76.4	3,685	7,550	77.8	1,301	7,525	77.5	42,736
	32,070	74.2	10,613	33,697	78.0	5,525	33,676	77.9	180,363
	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	108,162	63.4	338,937
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
	390,887	36.8	43,041	530,273	49.9	40,094	529,175	49.8	1,185,827
	105,486	42.8	12,506	74,112	30.1	2,599	73,822	29.9	92,823
	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	491,855
Arkansas	110,676	45.7	12,407	73,686	30.4	4,607	73,314	30.3	127,293
	59,055	36.6	7,872	66,541	41.2	5,229	66,333	41.1	143,657
	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	117,387	48.6	46,824	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	7,995	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	25,297	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	692,548	571,007	9.1	46,484	U. S.
73,836	59.1	49,839	18,357	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.
197,968	55.4	94,688	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	5,636	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	16,580	18,569	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	19,853	8,268	60,932	36.0	20,848	24,233	14.3	1,252	Mich.
100,062	55.0	29,482	14,866	89,046	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.
122,669	57.1	39,681	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	8,765	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	65,862	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.
367,185	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	6,220	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	5,808	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	33,775	23,532	158,151	14.9	24,724	18,776	1.8	1,031	E. S. C.
70,788	28.7	11,489	8,901	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	5,509	3,839	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	58,398	215,330	19.5	74,715	18,534	1.7	1,680	W. S. C.
66,036	27.2	9,627	6,043	39,988	16.5	5,955	2,680	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	76,348	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. 538.—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	1915	$21.08	$29.97	$24.46	102
1874 or 1875	11.16	17.10	14.19	59	1916	23.04	32.58	26.83	112
1879 or 1880	11.70	17.53	14.14	59	1917	28.64	40.19	33.42	140
1881 or 1882	12.88	19.11	15.48	65	1918	35.12	49.13	42.12	176
1884 or 1885	13.08	19.22	15.58	65	1919	40.14	56.77	49.11	206
1887 or 1888	13.29	19.67	15.87	66	1920	47.24	66.05	57.01	239
1889 or 1890	13.29	19.45	15.79	66	1921	30.25	43.58	35.77	150
1891 or 1892	13.48	20.02	16.06	67	1922	29.31	42.09	34.91	146
1895	12.75	18.74	14.60	62	1923	33.09	46.74	39.64	166
1898	13.29	19.16	15.58	65	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

Basis of rate and division	1932				1933				1934	
	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.	Jan.	Apr.
Per month with board—										
United States	$19.77	$19.19	$18.00	$17.29	$14.77	$14.67	$15.84	$17.19	$15.73	$17.70
[illegible]	31.83	30.69	29.01	27.69	24.80	23.22	24.73	27.28	24.40	25.74
[illegible]	28.07	27.56	25.41	24.27	20.52	19.91	21.18	22.36	19.80	22.39
[illegible]	21.97	21.90	20.32	19.40	16.05	15.91	17.08	17.61	15.69	18.95
[illegible]	20.98	22.63	21.58	19.78	14.48	16.28	17.26	17.52	14.13	18.88
South Atlantic	14.43	13.38	12.30	12.19	11.16	10.62	11.53	13.06	13.38	13.38
East South Central	13.55	12.26	11.55	11.37	10.57	10.39	11.01	12.00	12.27	12.60
West South Central	15.85	14.38	13.64	13.99	12.74	12.10	13.08	15.78	14.87	15.59
Mountain	28.92	28.34	26.94	25.16	20.71	21.58	24.17	25.88	23.03	26.45
Pacific	35.21	33.48	31.40	29.12	26.05	24.74	28.29	30.30	25.87	30.29
Per month without board—										
United States	30.53	29.13	27.10	26.36	23.62	22.98	24.27	25.89	24.90	26.88
New England	55.65	51.25	48.30	47.35	43.87	42.31	42.87	45.79	43.96	46.56
Middle Atlantic	46.12	43.78	41.27	39.82	35.04	33.87	34.51	36.13	34.21	36.80
East North Central	33.80	32.07	29.93	28.86	25.48	24.86	25.71	26.80	25.06	28.29
West North Central	31.65	32.74	30.83	29.09	24.29	24.77	25.89	26.32	23.08	27.92
South Atlantic	21.80	20.04	18.59	18.45	17.09	16.37	17.52	19.46	20.02	20.18
East South Central	19.71	18.36	16.86	16.61	15.48	15.36	16.05	17.09	17.88	18.12
West South Central	23.86	21.92	20.05	20.87	19.53	18.44	19.57	22.43	22.30	22.90
Mountain	43.17	43.11	39.95	37.48	32.06	32.72	35.52	36.58	34.54	39.54
Pacific	58.17	55.01	50.92	47.94	42.82	40.57	46.27	49.04	45.68	48.42
Per day with board—										
United States	1.02	.97	.89	.87	.76	.75	.82	.91	.87	.93
New England	1.80	1.64	1.59	1.44	1.32	1.26	1.37	1.54	1.43	1.47
Middle Atlantic	1.66	1.58	1.48	1.39	1.18	1.18	1.25	1.31	1.24	1.31
East North Central	1.17	1.14	1.06	1.02	.89	.87	.96	1.00	.94	1.04
West North Central	1.12	1.11	1.04	.99	.81	.83	.92	.98	.88	.97
South Atlantic	.74	.68	.62	.62	.56	.54	.60	.70	.71	.72
East South Central	.67	.61	.55	.55	.52	.52	.55	.62	.62	.66
West South Central	.77	.73	.67	.67	.62	.58	.67	.80	.78	.80
Mountain	1.39	1.26	1.21	1.14	.99	1.00	1.08	1.24	1.13	1.23
Pacific	1.54	1.53	1.34	1.31	1.13	1.12	1.21	1.36	1.30	1.40
Per day without board—										
United States	1.40	1.35	1.23	1.19	1.06	1.05	1.12	1.25	1.21	1.27
New England	2.54	2.39	2.31	2.20	1.96	1.87	1.96	2.17	2.09	2.16
Middle Atlantic	2.30	2.22	2.06	1.92	1.72	1.66	1.73	1.82	1.75	1.82
East North Central	1.63	1.56	1.44	1.36	1.19	1.18	1.31	1.38	1.30	1.39
West North Central	1.55	1.58	1.43	1.36	1.16	1.19	1.27	1.35	1.23	1.37
[illegible]	1.02	.91	.84	.84	.78	.75	.79	.91	.93	.96
[illegible]	.87	.82	.75	.74	.68	.67	.73	.83	.84	.86
[illegible]	1.03	.96	.85	.89	.83	.82	.87	1.03	1.03	1.02
Mountain	1.83	1.81	1.67	1.55	1.40	1.40	1.51	1.62	1.56	1.71
Pacific	2.36	2.26	2.01	1.92	1.70	1.66	1.79	2.06	2.00	2.11

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 539.—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 1931 and 1932 have been revised and differ from those previously published

[In tons of 2,000 pounds]

Division and State	1926	1927	1928	1929	1930	1931	1932	1933 (prel.)
United States	7,328,268	6,843,199	7,985,019	8,078,548	8,163,870	6,306,083	4,368,912	4,812,569
New England	316,700	363,147	365,119	357,465	366,840	362,594	316,218	276,970
Maine	147,000	183,750	[2] 178,750	185,650	195,650	195,000	175,000	149,000
New Hampshire [3]	[1] 14,680	[1] 16,875	[1] 16,900	[4] 11,500	[1] 11,500	[1] 10,500	[1] 10,998	[1] 10,000
Vermont	[1] 18,000	15,663	16,911	14,905	16,069	15,031	11,767	10,000
Massachusetts [3]	58,920	71,734	70,458	[4] 68,611	66,621	65,063	61,953	54,970
Rhode Island [2 5]	8,100	10,125	10,100	[4] 7,909	8,000	7,000	6,500	6,000
Connecticut	[1] 70,000	[1] 65,000	[1] 72,000	[4] 68,890	[1] 69,000	[1] 70,000	[1] 50,000	[1] 47,000
Middle Atlantic	698,045	728,149	743,558	798,433	778,160	697,927	607,651	550,515
New York	234,000	260,000	[2] 260,000	[4] 287,959	[2] 288,000	[2] 260,000	[2] 235,000	[2] 211,500
New Jersey [6]	135,141	141,635	143,574	[4] 162,361	156,445	150,800	137,651	127,515
Pennsylvania	328,904	326,514	339,984	[4] 348,113	333,715	287,127	235,000	211,500
East North Central	679,001	718,948	755,711	820,402	788,274	598,469	374,903	414,434
Ohio	304,480	312,703	320,866	338,662	327,179	249,305	169,239	208,869
Indiana [6]	228,280	240,498	221,082	250,201	224,055	166,005	80,384	97,862
Illinois	25,227	[2] 26,000	30,509	38,056	40,818	31,960	16,339	17,392
Michigan	105,014	117,227	[2] 150,213	[2] 152,812	[2] 145,000	[2] 105,589	[2] 82,428	[2] 74,000
Wisconsin	16,000	22,520	33,041	40,671	51,222	45,610	26,513	16,311
West North Central	82,874	83,574	99,565	107,638	109,714	93,275	49,025	48,314
Minnesota	11,316	11,387	14,211	[4] 15,803	16,254	17,698	9,320	7,257
Iowa	[7] 6,021	[7] 7,181	[1] 10,000	[4] 21,177	[1] 24,597	[1] 22,000	[1] 10,000	[1] 5,000
Missouri [3]	56,891	56,100	64,922	58,892	59,810	48,944	26,427	32,422
North Dakota	250	398	[2] 450	[4] 958	[1] 1,548	[1] 1,000	[1] 432	[1] 200
South Dakota	[2] 150	[2] 200	[2] 220	[4] 133	[2] 150	[2] 150	[2] 100	[2] 100
Nebraska	[2] 500	[2] 500	[2] 600	[4] 732	[2] 1,000	[2] 500	[2] 200	[2] 1,600
Kansas	7,746	[2] 7,800	9,162	[8] 9,943	[8] 6,355	[8] 2,983	[8] 2,546	[8] 1,735
South Atlantic	3,921,676	3,686,528	4,191,219	4,048,417	4,122,695	3,309,019	2,353,628	2,740,447
Delaware	43,084	41,126	40,817	[4] 42,736	43,000	36,361	33,120	28,477
Maryland	163,285	165,174	173,159	[4] 180,363	177,021	146,139	124,880	132,876
Virginia [3]	435,223	408,008	437,709	429,886	449,178	379,269	279,904	307,589
West Virginia	[2] 43,000	[2] 43,500	[2] 49,700	[4] 45,656	[2] 45,000	[2] 40,000	[2] 35,000	[2] 31,500
North Carolina [3]	1,218,176	1,171,499	1,349,360	1,293,572	1,242,036	1,003,406	696,167	889,310
South Carolina [3]	840,128	726,736	788,293	760,069	749,230	598,866	446,027	581,515
Georgia [3]	780,302	713,047	883,274	868,911	928,606	686,191	357,352	416,283
Florida [3]	398,480	417,438	408,907	427,224	488,624	418,787	381,178	352,897
East South Central	1,141,275	880,128	1,255,676	1,239,001	1,325,969	841,684	408,102	526,640
Kentucky	91,500	70,500	90,500	93,000	[8] 113,992	[8] 105,192	[8] 55,220	58,272
Tennessee [3]	156,336	112,473	150,726	142,745	163,909	119,156	62,956	76,827
Alabama [3]	615,364	478,400	681,100	675,450	644,350	419,950	205,400	287,350
Mississippi [3]	278,075	218,750	333,350	327,806	403,718	197,386	84,526	104,191
West South Central	371,090	253,137	422,930	532,415	485,039	228,396	103,834	119,210
Arkansas [3]	126,175	75,487	126,391	156,582	157,648	62,096	17,348	22,140
Louisiana [3]	114,347	92,866	143,693	174,278	175,560	94,359	49,376	61,514
Oklahoma	[1 9] 5,418	[1 9] 4,263	[8] 8,203	[8] 9,422	[8] 6,613	[8] 7,089	[8] 2,925	[8] 1,985
Texas [8]	125,150	80,521	144,643	192,133	145,218	64,852	34,185	33,571
Mountain	3,553	3,833	4,558	10,272	10,690	13,870	10,021	5,250
Montana	[2] 50	[1] 90	[2] 100	[4] 248	[2] 250	[2] 1,100	[2] 500	[2] 200
Idaho [3]	[1] 420	[2] 450	[2] 500	[4] 2,091	[2] 2,100	[2] 1,000	[2] 1,500	[2] 1,000
Wyoming	[2] 150	[2] 200	[2] 300	[4] 358	[2] 350	[2] 700	[2] 650	[2] 300
Colorado	337	607	[1] 728	[4] 1,175	[1] 1,200	[1] 3,875	[1] 1,700	[1] 1,000
New Mexico	1,556	1,256	[2] 1,400	[4] 2,339	[2] 2,400	[2] 1,045	[2] 621	[2] 700
Arizona	[2] 500	[1] 700	[1] 1,000	[4] 3,704	[1] 4,000	[1] 2,100	[1] 2,000	[1] 1,000
Utah	[1] 500	[2] 500	[2] 500	[4] 264	[2] 300	[2] 4,000	[2] 3,000	[2] 1,000
Nevada	[2] 30	[2] 30	[2] 30	[4] 93	[2] 90	[2] 50	[2] 50	[2] 50
Pacific	114,052	125,768	146,683	164,505	176,489	160,849	145,530	130,789
Washington	12,207	14,244	[2] 15,500	[4] 21,561	[2] 21,500	[2] 17,500	[2] 9,000	[2] 8,500
Oregon	[2] 8,000	[2] 9,000	[1] 10,000	[4] 12,467	[1] 12,500	[1] 11,000	[1] 10,000	[1] 9,500
California	93,845	102,524	121,183	130,477	142,489	132,349	126,530	112,789

[1] Estimated by State authorities.
[2] Estimated.
[3] Year ended June 30, except data for 1929.
[4] Agricultural census.
[5] Year ended Mar. 31, except data for 1929.
[6] Year ended Oct. 31.
[7] Totals of four companies plus estimates for others.
[8] Based on tag sales.
[9] Year ended June 30.

Source: The National Fertilizer Association.

No. 540.—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	76,284	61.1	79,815	63.9	32,684	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	15,093	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	254,084	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	202,856	21.0	876,667	770,108	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	42,391	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	114,603	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	46,042	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	176,406	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	120,890	72.8	28,045	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	481,693	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	80,206	47.1
West Virginia	28,117	34.0	9,350	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	10,691	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	45.6
Arkansas	25,046	10.3	3,690	1.5	2,392	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	68,217	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	38,166	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	11,462	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	16,343	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	138,394	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	
900,385	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	34,481	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	Me.
4,539	4,051	27.2	1,096	1,013	6.8	2,416	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	10,962	8,437	33.9	Vt.
9,572	7,982	31.2	3,921	3,563	13.9	6,346	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	131,089	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	65,344	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	7,795	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	4.9	79,300	66,640	31.1	Ill.
36,768	34,894	20.6	34,579	33,098	19.5	14,892	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	318,160	295,160	26.5	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	4,680	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	16,083	11,209	1.1	42,900	36,595	3.5	S. A.
2,996	2,781	28.6	1,600	1,447	14.9	513	384	4.0	1,788	1,453	15.0	Del.
11,284	10,205	23.6	7,208	6,744	15.6	3,609	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	10,298	8,959	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	22,584	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	6,865	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.
96,791	92,300	8.4	74,010	63,177	5.7	9,862	7,305	.7	35,706	30,671	2.8	W. S. C.
11,000	10,526	4.3	5,684	4,263	1.8	1,460	1,056	.4	4,730	3,911	1.6	Ark.
8,281	8,769	5.4	5,016	3,810	2.4	633	510	.3	2,639	2,072	1.3	La.
23,930	23,039	11.3	25,902	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	13,384	12,029	20.1	3,209	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. 541.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: BY STATES, 1924 AND 1929

NOTE.—For total number of all farms (base for percentages) see Table 518

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**	**7.8**	**10,787**	**10,897**	**8.7**	**20,745**	**21,068**	**5,709**	**8,802**
Maine	2,555	755	1.9	1,896	1,674	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**	**108,199**	**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	16,687	1,774	3,464
Illinois	52,606	41,857	19.5	17,471	16,861	7.9	52,828	48,934	2,979	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	18,651	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	**90,979**	**28,662**	**2.7**	**20,830**	**15,866**	**1.5**	**73,377**	**41,802**	**4,968**	**6,611**
Delaware	193	64	.7	415	186	1.9	122	86	136	139
[illegible]	6,121	4,533	10.5	3,817	3,383	7.8	7,298	6,925	910	1,178
[illegible]	27,560	4,394	2.6	5,768	3,947	2.3	20,912	8,792	1,256	1,475
[illegible]	3,106	1,652	2.0	2,769	2,268	2.7	919	1,207	320	389
[illegible]	22,167	4,606	1.6	2,791	2,158	.8	13,018	2,907	450	483
South Carolina	10,601	2,469	1.6	819	555	.4	8,922	3,856	335	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**	**13,603**	**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
[illegible]	11,365	7,270	2.8	7,640	7,682	3.0	7,029	3,864	1,021	1,360
[illegible]	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**	**18,421**	**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**	**36,703**	**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. 542.—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 f[illegible] the revenue derived by associations rendering services such as ginning [illegible]ng wheat, etc.

Division and State	Associations listed			Estimated membership			Estimated business		
	1925	1932	1933	1925	1932	1933	1924–25	1931–32	1932–33
United States	10,503	11,900	11,000	2,700,000	3,200,000	3,000,000	2,400,000	1,925,000	1,340,000
New England	269	203	214	75,000	85,340	94,430	85,170	77,108	55,760
Maine	82	48	50	14,400	6,370	6,590	12,460	2,747	2,760
New Hampshire	14	13	13	2,600	2,530	1,380	3,230	2,620	2,490
Vermont	61	47	48	8,200	8,140	7,380	11,040	10,140	8,910
Massachusetts	48	47	52	39,200	61,100	70,780	39,130	47,991	31,260
Rhode Island	7	5	6	400	380	420	1,300	460	550
Connecticut	47	43	45	10,200	6,820	7,880	18,010	13,150	9,790
Middle Atlantic	522	482	457	160,000	207,190	225,650	153,080	203,800	153,655
New York	286	258	239	100,000	131,570	164,390	103,760	147,010	114,290
New Jersey	20	54	50	6,000	14,270	15,160	5,930	7,900	5,680
Pennsylvania	216	170	168	54,000	61,350	56,100	43,390	48,890	33,680
East North Central	3,075	3,276	2,971	575,000	821,930	831,430	558,270	422,259	317,110
Ohio	395	354	342	115,300	149,070	146,670	107,340	72,695	55,030
Indiana	330	315	282	80,300	124,000	140,580	60,440	44,095	31,430
Illinois	822	954	839	131,000	242,850	245,200	195,210	151,946	121,480
Michigan	436	393	358	128,300	133,000	137,800	82,200	61,358	42,210
Wisconsin	1,092	1,260	1,150	120,100	172,950	161,180	113,080	92,165	66,960
West North Central	4,825	5,238	4,817	850,000	1,219,250	1,072,350	836,630	595,496	372,030
Minnesota	1,383	1,539	1,448	217,400	328,440	312,480	223,980	155,160	109,170
Iowa	1,094	1,150	1,050	179,800	271,480	243,700	172,710	150,177	89,500
Missouri	537	623	556	170,000	188,190	156,390	83,490	79,709	45,850
North Dakota	460	545	518	60,300	75,310	68,480	91,280	32,503	25,440
South Dakota	397	376	321	65,000	92,430	80,320	74,080	38,062	25,300
Nebraska	488	533	488	74,100	173,490	139,410	91,930	73,415	37,740
Kansas	466	472	436	82,800	89,910	71,570	99,160	66,470	39,030
South Atlantic	385	479	455	280,000	154,780	158,575	152,325	94,549	66,970
Delaware	12	4	4	1,200	100	100	960	50	40
Maryland	16	47	44	12,600	19,580	22,690	12,200	17,217	13,680
Dist. of Columbia	1	1	2	1,000	1,200	1,310	2,300	6,640	5,690
Virginia	96	79	74	25,700	38,440	36,550	21,615	15,437	11,310
West Virginia	42	46	45	6,100	17,930	16,985	2,820	8,230	3,170
North Carolina	50	80	71	139,900	27,190	35,550	43,380	7,590	4,390
South Carolina	18	21	19	16,600	12,250	12,720	18,130	6,283	4,100
Georgia	46	61	59	67,900	25,460	21,870	16,210	4,272	2,910
Florida	104	140	137	9,000	12,630	10,800	34,710	28,830	21,680
East South Central	277	311	275	295,000	194,020	164,880	117,270	58,349	30,570
Kentucky	56	56	48	194,700	30,330	24,940	58,650	8,191	5,440
Tennessee	111	108	98	32,600	56,460	60,000	9,560	15,797	9,650
Alabama	63	84	76	38,300	58,090	43,360	16,940	9,001	5,090
Mississippi	47	63	53	29,400	49,140	36,580	32,120	25,360	10,390
West South Central	454	601	568	250,000	216,790	178,220	128,630	87,356	57,210
Arkansas	101	108	86	54,500	11,910	8,900	17,935	3,382	3,220
Louisiana	38	42	37	25,800	29,670	26,000	13,340	18,813	10,970
Oklahoma	143	242	229	92,200	91,560	64,920	46,550	24,590	15,590
Texas	172	209	216	77,500	83,650	76,400	50,805	40,571	27,430
Mountain	363	490	467	75,000	128,190	111,955	70,950	85,790	54,930
Montana	102	145	151	21,200	28,430	22,090	19,690	13,504	8,710
Idaho	59	78	74	11,200	28,800	24,500	13,250	14,163	9,720
Wyoming	18	33	29	2,300	6,670	5,620	2,520	3,200	1,990
Colorado	101	138	121	21,200	36,390	34,350	23,600	33,110	19,950
New Mexico	20	25	19	2,500	4,050	2,780	2,160	2,368	1,580
Arizona	20	17	17	2,600	3,340	2,610	5,240	3,065	1,660
Utah	41	46	47	13,800	19,880	19,200	4,410	15,510	10,940
Nevada	2	8	9	200	570	805	80	810	380
Pacific	643	820	776	140,000	172,510	164,510	297,675	300,293	231,770
Washington	172	199	193	31,700	53,440	48,270	52,060	57,348	50,380
Oregon	121	157	160	17,100	31,480	32,940	21,655	27,414	19,840
California	350	464	423	91,200	87,590	83,300	223,960	215,531	161,600
Commodity groups:									
Cotton and products	121	267	274	300,000	240,000	200,000	150,000	69,000	42,000
Dairy products	2,197	2,392	2,293	460,000	740,000	724,000	535,000	520,000	390,000
Fruits and vegetables	1,237	1,347	1,268	180,000	180,000	170,000	280,000	283,000	200,000
Grain[1]	3,338	3,500	3,131	520,000	705,000	600,000	750,000	450,000	280,000
Livestock	1,770	1,885	1,575	400,000	450,000	440,000	320,000	260,000	182,000
Poultry products	71	172	154	50,000	88,000	78,000	40,000	72,000	53,000
Tobacco	24	21	20	300,000	54,000	50,000	90,000	10,000	6,500
Wool and mohair	91	134	115	50,000	62,000	62,000	10,000	21,000	9,000
All others	1,954	2,182	2,170	440,000	681,000	666,000	225,000	240,000	177,500

[1] Includes dry beans and rice.

Source: Farm Credit Administration.

26.—FARM PRODUCTS—PRODUCTION, VALUE, PRICES, ETC., AND FOREIGN TRADE

[Data in this section relate to continental United States except foreign trade statistics, which represent the trade of the "customs area" (see headnote, Table 464)]

No. 543.—INDEXES OF THE VOLUME OF NET AGRICULTURAL PRODUCTION

NOTE.—1919–1927=100. Indexes are based on estimates of production for sale and for consumption in the farm home. Production fed to livestock or used for seed is 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 contribute about 90 per cent of the gross income from agricultural production

Year	Total	Grains	Fruits and vegetables	Truck crops	Meat animals	Dairy products	Poultry products	Cotton and cottonseed
1919	91	101	82	71	96	81	85	91
1920	97	116	102	86	92	80	84	105
1921	87	100	76	74	91	91	95	64
1922	96	100	109	101	97	95	98	77
1923	101	97	108	99	107	103	107	80
1924	106	100	106	111	108	109	100	108
1925	106	95	98	115	102	110	104	128
1926	111	93	116	114	103	114	111	143
1927	106	97	104	129	103	116	116	103
1928	111	106	122	124	105	119	112	114
1929	109	87	102	141	105	122	116	118
1930	107	77	113	141	101	123	119	110
1931	112	80	119	132	103	126	119	134
1932	104	76	106	137	104	125	116	104
1933 (preliminary)	100	56	106	134	109	126	118	103

No. 544.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION

NOTE.—In millions of dollars. For explanation of gross income, see headnote, Table 546. Data for 1924 to 1933 are based on State totals (shown for 1930 to 1933 in Table 546), adjusted to exclude interstate sales of seeds for planting and to include estimates of income from sales of poultry and eggs and chickens not estimated by States. Figures for 1929 to 1933 are based on production as enumerated in the Census of 1929. Estimates for 1924 to 1928 are still subject to revision. "Crops" and "livestock" include products.

Year	Total	Crops	Livestock	Year	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
1912	6,784	3,688	3,096	1925	11,968	6,147	5,820
1913	6,975	3,647	3,328	1926	11,480	5,468	6,012
1914	7,028	3,700	3,328	1927	11,616	5,817	5,799
1915	7,395	3,985	3,410	1928	11,741	5,675	6,066
1916	8,914	4,968	3,947	1929	11,941	5,434	6,507
1917	12,832	7,431	5,401	1930	9,454	3,818	5,636
1918	15,101	8,119	6,982	1931	6,968	2,746	4,222
1919	16,935	9,431	7,503	1932	5,331	2,288	3,043
1920	13,566	6,862	6,704	1933 (preliminary)	[1] 6,256	2,874	3,111
1921	8,927	4,488	4,440				

[1] Includes $271,000,000 rental and benefit payments from the Agricultural Adjustment Administration.

No. 545.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION: BY GROUPS OF COMMODITIES

[In millions of dollars. See headnote, Table 544]

Source of income	1929	1930	1931	1932	1933
Grand total	11,941	9,454	6,968	5,331	[1] 5,985
Crops, total	5,434	3,818	2,746	2,288	[1] 2,874
Grains	1,297	806	488	450	506
Fruits and nuts	707	567	457	325	376
Vegetables	1,130	934	726	609	747
Sugar crops	83	94	69	69	81
Cotton and cottonseed	1,389	751	528	464	684
Tobacco	286	212	130	107	179
Other crops	542	454	348	264	301
Livestock and livestock products, total	6,507	5,636	4,222	3,043	3,111
Cattle and calves	1,111	951	681	499	489
Hogs	1,531	1,361	930	548	[2] 619
Sheep and wool	262	204	158	106	153
Poultry and eggs	1,241	1,059	816	609	560
Dairy products	2,323	2,031	1,614	1,260	1,263
Other	39	30	23	21	27

[1] Excludes rental and benefit payments. See note 3, Table 546. [2] See note 4, Table 546.

Source of Tables 543, 544, and 545: Bureau of Agricultural Economics, Department of Agriculture.

No. 546.—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 [illegible] es—for animal products, calendar-year averages; for crops, averages for the period [illegible] is marketed. Gro[illegible] value of farm production sold plus value o[illegible] for use in the farm [illegible] the case of crops, amounts retained for feed and seed and amounts unfit for sale and [illegible] income excludes products used in the farm home

[All figures in millions and tenths of millions of dollars]

Product	Farm value			Gross income			Cash income		
	1931	1932	1933	1931	1932	1933	1931	1932	1933
Grand total [1]				6,959.0	5,324.4	5,971.2	5,795.1	4,366.4	[2] 4,981.8
All crops	4,573.9	3,987.5	4,783.0	2,749.5	2,290.8	[3] 2,876.9	2,334.1	1,913.8	[3] 2,448.3
Corn	830.7	925.3	946.0	138.1	170.5	138.6	125.7	156.1	120.6
Wheat	363.7	282.3	385.4	261.6	202.1	[3] 280.0	254.1	194.8	[3] 267.2
Oats	240.0	195.3	229.7	42.7	34.8	32.9	42.7	34.8	32.9
Barley	64.6	66.4	65.1	12.3	16.9	15.1	12.3	16.9	15.1
Rye	10.9	11.2	12.6	3.9	4.1	4.3	3.7	4.0	4.1
Buckwheat	3.8	2.9	4.3	2.8	2.0	2.9	2.4	1.6	2.4
Rice	22.2	16.9	27.8	21.2	16.2	26.4	21.2	16.1	26.4
Grain sorghums	27.0	20.3	35.8	4.1	2.6	5.0	4.1	2.6	5.0
Other grains	2.3	1.6	1.3	1.0	.7	.4	1.0	.7	.4
Flaxseed	13.8	10.3	10.8	12.2	9.4	9.4	12.2	9.4	9.4
Cotton lint	483.7	424.0	633.3	483.7	424.0	[3] 633.3	483.7	424.0	[3] 633.3
Cottonseed	72.4	59.9	83.7	44.8	40.3	50.9	44.8	40.3	50.9
Tobacco	129.7	107.1	179.1	129.7	107.1	[3] 179.1	129.7	107.1	[3] 179.1
Hay	639.9	507.8	562.2	75.0	53.1	60.3	75.0	53.1	60.3
Sweet sorghum forage	20.3	15.6	24.8	1.7	1.3	2.3	1.7	1.3	2.3
Cloverseed	8.1	8.5	8.1	6.5	7.3	6.7	6.5	7.3	6.7
Alfalfa seed	6.2	3.0	5.2	5.7	2.7	4.8	5.7	2.7	4.8
Other grass seeds	8.1	4.5	6.8	7.2	4.0	6.1	7.2	4.0	6.1
Dry edible beans	25.8	20.0	32.4	24.3	18.2	29.7	24.1	18.0	29.4
Soybeans	11.9	10.7	11.7	5.1	4.9	4.3	5.1	4.9	4.3
Cowpeas	9.3	9.2	9.8	3.6	3.1	3.3	3.3	2.8	2.9
Peanuts	32.5	22.1	35.1	19.1	13.5	20.8	18.4	12.9	20.0
Potatoes	173.2	138.5	263.4	145.6	114.2	222.9	106.4	79.4	164.8
Sweetpotatoes	45.7	42.2	43.7	40.1	35.1	38.5	24.3	23.4	24.7
Truck crops	292.8	222.5	225.4	292.8	222.5	225.4	281.1	213.9	216.3
Hops	3.6	4.2	11.1	3.6	4.2	11.1	3.6	4.2	11.1
Apples	131.9	86.6	103.9	125.9	86.6	103.9	102.7	72.6	86.8
Peaches	40.8	18.9	32.4	40.8	18.9	32.4	32.9	14.7	25.8
Pears	13.7	7.6	10.3	13.7	7.6	10.3	11.0	6.1	8.3
Cherries	8.0	5.2	6.6	8.0	5.2	6.6	6.7	4.3	5.7
Plums and apricots	4.5	2.8	4.4	4.5	2.8	4.4	2.8	1.7	2.8
Grapes	36.1	27.0	33.8	36.1	27.0	33.8	33.2	25.1	31.8
Strawberries	47.3	32.4	27.7	47.3	32.4	27.7	46.1	31.6	27.0
Small fruits	16.2	11.4	9.2	16.2	11.4	9.2	15.1	10.7	8.6
Cranberries	4.0	4.0	3.8	4.0	4.0	3.8	4.0	4.0	3.8
Pecans	6.2	3.0	4.7	6.2	3.0	4.7	5.1	2.4	3.9
Other fruits and nuts	135.3	112.5	118.6	135.0	112.4	118.4	134.2	111.8	117.7
Sugar beets for sugar	46.9	47.7	58.7	46.9	47.7	58.7	46.9	47.7	58.7
Sugarcane and sirup	15.0	16.3	18.3	12.5	13.7	15.1	10.0	10.9	11.5
Sorghum sirup	7.7	5.8	7.2	5.2	3.9	4.9	1.9	1.3	1.7
Maple sugar and sirup	4.2	4.0	2.8	4.2	4.0	2.8	3.6	3.6	2.5
Forest products	177.0	157.4	170.2	120.4	105.4	114.9	63.8	53.5	59.6
Farm gardens	219.4	214.7	219.1	219.4	214.7	219.1			
Nursery products	44.9	30.9	36.3	44.9	30.9	36.3	44.9	30.9	36.3
Greenhouse products	67.2	43.0	52.0	67.2	43.0	52.0	67.2	43.0	52.0
Other crops	5.8	4.2	8.6	2.1	1.4	3.4	2.1	1.4	3.4
Livestock and livestock products	4,368.1	3,184.1	3,185.1	4,210.4	3,033.6	3,094.4	3,461.0	2,452.6	2,533.5
Cattle and calves	727.9	571.4	533.4	680.6	498.6	489.2	663.7	482.6	473.8
Hogs	959.7	554.5	[4] 587.8	930.0	548.4	[4] 618.6	767.3	439.5	[4] 511.4
Sheep and lambs	106.9	73.8	83.4	108.0	76.0	78.3	106.2	74.5	76.5
Horses	25.9	26.2	32.8	8.3	7.8	7.9	8.3	7.8	7.9
Mules	7.6	6.0	6.6	3.5	3.6	6.3	3.5	3.6	6.3
Chickens	320.9	244.9	205.2	325.8	240.8	206.9	217.1	157.7	135.6
Eggs (chicken)	496.4	373.8	359.5	478.4	359.0	344.8	357.9	265.2	253.4
Milk	1,661.3	1,294.6	1,296.6	1,614.4	1,260.4	1,262.6	1,278.5	985.1	988.9
Wool and mohair	53.6	31.5	79.8	53.6	31.5	79.8	53.6	31.5	79.8
Honey	8.0	7.5	(5)	8.0	7.5	(5)	4.9	5.0	(5)

[1] For United States totals [illegible] c., see Table 545, p. 570.
[2] Grand total cash income [illegible] to $5,252,900,000.
[3] [illegible] on, [illegible] 00,000.
[4] [illegible] Agricultural Adjustment [illegible] plan.
[5] No estimate for 1933.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 547.—ESTIMATED GROSS AND CASH INCOME FROM FARM PRODUCTION: BY STATES

[In millions and tenths of millions of dollars. See headnote Table 546]

Division and State	Gross income					Cash income					Rental and benefit payments, 1933	Cash income, benefit payments, and A. A. A slaughter, 1933
	Crops and livestock combined			1933		Crops and livestock combined			1933			
	1931	1932	1933[1]	Crops[1]	Livestock and products[2]	1931	1932	1933[1]	Crops[1]	Livestock and products[2]		
United States[3]	6,959.0	5,324.4	5,971.2	2,876.9	3,094.4	5,795.1	4,366.4	4,981.8	2,448.3	2,533.5	271.0	5,252.9
New England	230.1	137.5	203.3	92.9	115.4	200.9	161.4	181.1	78.5	102.6	.4	181.5
Maine	48.4	40.6	56.0	35.7	20.3	39.7	32.7	47.9	31.3	16.6	------	47.9
N. H	21.4	17.6	17.8	5.6	12.2	18.3	14.8	14.9	4.0	10.9	(4)	14.9
Vt	39.2	32.9	32.3	7.4	24.9	33.8	28.2	27.2	4.3	22.9	(4)	27.2
Mass	65.1	51.2	54.6	25.8	28.8	58.7	45.8	48.7	22.8	25.9	.1	48.8
R. I	8.7	6.7	7.4	2.7	4.7	7.8	5.9	6.6	2.3	4.3	.3	6.8
Conn	47.3	38.3	40.2	15.7	24.4	42.6	34.0	35.8	1.38	22.1	------	35.8
Mid. Atlantic	624.4	482.7	527.0	204.1	322.9	544.8	415.2	454.5	171.0	283.5	.9	455.4
N. Y	294.7	222.1	247.0	93.4	153.6	262.7	193.6	216.7	78.9	137.8	.1	216.8
N. J	78.9	68.6	72.7	38.7	34.0	72.7	62.7	67.0	36.2	30.8	(4)	67.0
Pa	250.8	192.0	207.3	72.0	135.3	209.4	158.9	170.8	55.9	114.9	.8	171.6
E. N. Central	1,272.8	950.8	1,024.5	311.0	713.5	1,090.8	804.5	868.8	249.5	619.2	7.9	876.7
Ohio	271.9	191.6	217.0	73.3	143.7	227.1	157.0	179.6	58.2	121.4	2.1	181.7
Ind	214.7	161.3	172.9	45.8	127.1	181.0	134.5	145.7	35.7	110.0	1.9	147.6
Ill	350.5	271.1	274.9	86.8	188.1	305.2	234.5	239.0	75.8	163.2	2.5	241.5
Mich	178.8	142.8	159.9	71.2	88.7	150.9	119.0	133.2	58.9	74.4	.8	134.0
Wis	257.0	184.1	199.9	34.0	165.9	226.5	159.4	171.2	21.0	150.2	.6	171.8
W. N. Central	1,661.4	1,183.0	1,229.4	328.7	900.7	1,462.4	1,022.2	1,066.5	270.6	795.9	55.9	1,122.4
Minn	267.8	195.5	208.7	55.6	153.1	237.3	169.8	181.8	44.6	137.3	1.6	183.4
Iowa	434.4	311.4	306.5	58.1	248.4	391.7	277.1	270.2	44.1	226.1	.4	270.6
Mo	245.3	186.4	203.5	57.7	145.8	196.4	147.6	166.1	42.0	124.1	4.0	170.1
N. Dak	73.2	78.3	84.5	43.4	41.1	60.3	67.7	73.4	40.5	32.9	14.5	87.9
S. Dak	134.0	76.2	73.4	5.4	68.0	121.4	66.0	63.4	3.2	60.2	5.1	68.5
Nebr	248.2	166.9	181.5	55.4	126.1	225.0	147.7	162.0	49.8	112.3	5.9	167.9
Kans	258.5	168.3	171.4	53.1	118.3	230.4	146.3	149.5	46.4	103.1	24.4	174.0
S. Atlantic	781.6	620.6	773.3	541.1	232.2	545.3	421.8	566.4	440.5	125.9	33.0	599.4
Del	15.9	12.0	11.7	5.9	5.8	13.6	10.0	9.8	4.9	4.8	.1	9.9
Md	64.6	51.1	53.7	25.5	28.3	52.3	41.2	43.8	21.2	22.5	.8	44.6
Va	130.5	101.2	116.8	67.1	49.8	82.7	61.8	76.2	46.2	30.0	.8	77.0
W. Va	59.6	44.8	47.3	18.3	29.1	34.7	24.2	25.6	7.7	17.9	.1	25.6
N. C	178.0	150.1	226.8	182.2	44.6	116.2	97.8	170.0	152.7	17.4	7.0	177.1
S. C	89.6	73.3	95.6	73.5	22.1	60.8	48.5	70.4	62.4	8.0	9.9	80.3
Ga	138.4	105.6	143.4	107.1	36.2	90.0	64.4	101.5	87.9	13.6	13.8	115.3
Fla	105.1	82.5	77.9	61.4	16.4	95.0	73.8	69.2	57.5	11.7	.5	69.6
E. S. Central	526.5	422.7	490.0	325.2	164.8	337.7	267.6	328.3	240.0	88.3	35.7	363.9
Ky	139.9	113.6	122.5	67.3	55.2	91.2	73.4	79.9	45.6	34.3	.3	80.2
Tenn	132.2	105.6	125.7	78.7	47.0	84.8	66.7	84.3	55.8	28.5	4.9	89.2
Ala	125.5	101.3	121.9	87.5	34.4	72.9	58.6	77.8	65.7	12.1	14.0	91.7
Miss	128.8	102.3	119.9	91.7	28.2	88.9	68.9	86.3	72.9	13.4	16.5	102.8
W. S. Central	829.2	664.3	804.4	542.9	261.4	653.0	523.4	665.9	490.7	175.2	112.5	778.4
Ark	124.6	100.9	113.4	84.5	28.9	89.1	72.6	84.5	70.5	14.0	16.5	101.0
La	101.0	80.9	87.1	64.8	22.3	77.6	60.2	66.6	56.2	10.4	7.6	74.2
Okla	154.0	122.4	162.9	100.7	62.2	120.1	96.2	136.8	91.8	45.0	23.1	159.9
Tex	449.6	360.2	441.0	292.9	148.0	366.3	294.5	377.9	272.2	105.7	65.4	443.3
Mountain	365.9	276.5	318.8	145.8	173.0	329.5	245.1	287.0	135.2	151.7	14.6	301.6
Mont	62.1	55.1	55.8	22.1	33.7	54.3	48.0	48.6	19.7	29.0	6.2	54.8
Idaho	60.8	47.4	61.8	35.3	26.5	54.6	42.2	56.6	33.3	23.3	3.4	60.0
Wyo	33.3	24.3	28.9	8.2	20.7	30.2	21.4	26.1	7.3	18.8	.4	26.5
Colo	96.3	65.1	75.0	40.0	35.1	88.0	58.5	68.0	37.7	30.4	2.1	70.2
N. Mex	33.6	24.8	29.9	11.7	18.2	29.6	21.2	26.3	10.7	15.6	1.2	27.5
Ariz	31.4	24.8	29.3	15.1	14.2	28.7	22.4	27.1	14.6	12.5	.6	27.7
Utah	38.1	28.6	31.2	12.6	18.7	34.6	25.6	28.1	11.4	16.8	.7	28.8
Nev	10.3	6.4	6.8	.9	6.0	9.5	5.7	6.1	.7	5.5	(4)	6.2
Pacific	661.9	531.7	590.0	379.6	210.4	625.4	501.0	558.1	366.9	191.1	10.1	568.1
Wash	118.9	93.6	113.2	68.7	44.6	106.8	83.5	102.2	63.7	38.4	5.8	108.0
Oreg	81.6	65.0	75.0	39.0	36.1	71.8	56.6	66.0	34.4	31.6	2.7	68.7
Calif	461.5	373.1	401.7	272.0	129.8	446.8	360.9	389.9	268.8	121.1	1.6	391.5

[1] Rental and benefit [illegible]

[2] [illegible]

[3] United States [illegible] ne from sugar beets for [illegible] 1931, $5,157,000; 1932, [illegible] rstate duplications, see [illegible], p. 570. for which separate For gross income

[4] Less than $500,000.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 548.—INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF AGRICULTURAL PRODUCTS, BY GROUPS

[1923-1925=100]

Yearly average or year and month	Farm prices (revised) [1]								Wholesale prices			
	All farm products	Grains	Cotton and cotton seed	Fruits	Dairy products	Chickens and eggs	Meat animals	Miscellaneous	Farm products	Grains	Livestock and poultry	Other farm products
1910-1914	68	75	48	68	66	65	85	69	69.4	[2] 72.4	[2] 86.6	[2] 59.8
1915-1920	116	145	93	97	97	108	138	121	120.1	144.4	134.0	102.6
1921-1925	95	92	85	106	99	99	97	97	95.4	94.0	97.9	94.3
1926-1930	96	92	64	105	99	97	122	100	97.0	94.6	117.1	87.3
1924	97	97	105	86	97	97	92	98	97.3	98.3	93.0	99.2
1925	106	118	88	119	99	107	118	105	106.8	115.6	115.9	99.5
1926	99	98	60	95	99	104	124	119	97.3	97.8	117.2	86.9
1927	95	96	63	99	101	94	118	101	96.7	98.6	115.9	86.2
1928	101	98	75	121	103	100	127	92	103.0	104.9	123.6	91.9
1929	99	90	71	97	102	106	131	97	102.0	95.2	124.4	92.6
1930	86	75	50	112	89	84	112	91	85.9	76.5	104.6	79.1
1931	59	47	31	68	70	65	77	62	63.0	51.8	74.9	60.1
1932	44	33	23	57	54	54	53	47	46.9	38.5	56.5	44.7
1933	48	47	32	51	53	49	50	58	50.0	51.9	50.9	48.5
1932												
Jan.-Mar.	47	39	23	52	60	50	56	46	49.8	44.4	60.6	46.2
Apr.-June	43	36	21	63	52	42	51	44	45.9	40.7	54.9	43.2
July-Sept.	44	32	25	57	50	51	58	47	47.4	36.6	61.8	43.8
Oct.-Dec.	43	26	23	53	53	72	47	44	44.6	32.4	49.1	45.5
Dec.	43	26	21	50	55	76	44	49	42.9	31.0	45.4	44.6
1933												
Jan.-Mar.	39	26	23	46	49	46	45	40	41.0	33.1	47.2	40.1
Apr.-June	45	44	30	52	50	39	53	44	48.0	50.5	52.5	44.8
July-Sept.	55	63	37	54	56	47	54	74	56.6	65.8	54.7	54.3
Oct.-Dec.	54	54	37	51	58	63	49	69	54.4	58.7	48.7	55.0
Dec.	53	55	38	51	57	61	44	72	54.0	59.0	44.5	55.9

[1] Indexes cover 34 major crops and, beginning 1924, also 13 commercial truck crops. The latter are not shown separately but are included in the total for all farm products.
[2] 2-year average, 1913 and 1914.

No. 549.—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]			Wages paid to hired farm labor	Wholesale prices			
		Total	For living	For production		All commodities	Farm products	Foods	Other commodities
1910-1914	68	65	62	69	60	68	69	68	[2] 67
1915-1920	116	104	102	106	98	115	120	111	112
1921-1925	95	99	99	99	95	99	95	98	101
1926-1930	96	99	98	101	99	94	97	103	91
1923	97	99	99	98	99	100	96	98	102
1924	97	99	99	99	99	97	97	96	98
1925	106	102	102	102	101	103	107	106	100
1926	99	101	101	101	102	99	97	106	98
1927	95	99	99	101	102	95	97	102	92
1928	101	100	99	103	101	96	103	107	91
1929	99	99	98	102	102	95	102	106	90
1930	86	94	92	97	91	86	86	96	88
1931	59	81	78	85	69	73	63	79	73
1932	44	69	67	74	51	64	47	64	69
1933	48	71	68	75	48	65	50	64	70
1932									
March	47	73	70	78	[3] 56	66	49	66	69
June	39	70	67	76	[3] 52	63	44	62	69
September	45	70	66	73	[3] 50	65	48	65	69
December	43	67	64	72	[3] 44	62	43	62	68
1933									
March	37	65	61	70	[3] 44	60	42	58	64
June	48	67	63	72	[3] 47	65	52	65	67
September	54	75	73	79	[3] 51	70	55	69	74
December	53	75	73	79	[3] 49	70	54	66	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 548 and 549: Computed from data of Departments of Agriculture and Labor.

No. 550.—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	182,762	43.0	11,775	443	11,826
1872–1876	396,866	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	1,152	24,630
1892–1896	638,748	73.0	9,420	416,042	53.9	29,276	734	27,448
1897–1901	827,560	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	1,941,577	51.2	156,820	1,458	205,676
1914	1,113,974	47.8	20,286	1,000,409	52.8	106,979	1,961	81,162
1915	1,475,938	54.3	38,222	997,911	59.6	52,554	1,287	79,451
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	2,280,466	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	234,698
1924	1,867,098	44.2	62,719	1,875,365	52.8	162,374	1,563	216,712
1925	2,280,381	47.7	64,168	2,057,163	53.8	156,187	1,290	227,423
1926	1,891,730	40.7	75,162	2,529,775	56.7	162,731	1,450	238,545
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	222,249
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	97,605	858	142,690
1932	752,145	39.4	22,692	834,238	48.2	62,270	409	104,543
1933 (prel.)	588,169	41.6	14,763	611,688	52.4	46,634	297	65,544

[1] Based on total exports of United States merchandise.

Source: Bureau of Agricultural Economics, Department of Agriculture, and Bureau of Foreign and Domestic Commerce and predecessor organizations.

No. 551.—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	98.7	551.9	44.8
1921–1925	2,013.2	283.2	38.9	474.3	102.0	145.3	805.0	164.6
1926–1930	1,991.6	189.1	23.7	318.6	144.3	105.1	765.7	144.5
1923	1,820.5	308.6	36.4	311.4	87.7	116.0	807.1	153.4
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	113.9	920.0	154.5
1929	1,992.9	198.2	22.1	286.4	162.8	106.6	770.8	146.1
1930	1,200.7	149.9	19.5	191.3	130.4	67.1	496.8	145.6
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	81.5	77.1	36.6	398.2	82.9

[1] Revised beginning 1921; lard compounds excluded from animals and products and included in miscellaneous.

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 552.—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	1928	1929	1930	1931	1932	1933
Grand total	1,035.7	2,013.2	1,691.6	1,863.1	1,692.9	1,200.7	821.4	662.4	694.4
Live animals	13.0	10.0	5.8	6.5	5.8	4.2	1.6	.9	1.0
Meats	62.7	133.2	71.4	60.9	72.5	60.7	32.2	16.0	20.2
Eggs and dairy products	6.3	38.9	23.7	24.7	22.1	19.5	12.8	6.6	4.4
Animal fats and oils [1]	83.8	144.1	116.1	118.8	123.6	87.6	60.4	37.8	40.3
Hides and skins	3.2	7.6	9.0	11.1	6.8	4.9	3.1	2.2	2.1
Bread grains [2]	107.6	363.9	248.5	214.5	199.3	160.4	85.8	52.7	19.4
Coarse grains	36.8	97.0	59.0	87.6	72.5	21.0	12.6	9.1	8.9
Rice	.6	11.9	10.8	13.2	14.1	9.7	7.3	5.0	3.1
Fodders and feeds	28.1	26.7	27.2	30.9	32.7	11.1	13.8	11.1	9.1
Vegetables	5.8	16.4	18.7	18.9	21.4	16.6	10.6	6.3	6.2
Fruits	29.4	81.5	120.8	127.8	136.0	109.7	108.2	76.5	67.6
Vegetable oils, expressed, oil-seeds, and nuts [1]	21.2	18.8	12.1	13.3	10.8	9.3	7.2	7.6	5.8
Coffee and substitutes	7.3	6.5	4.9	3.5	2.9	2.8	2.3	1.4	1.7
Sugar and related products	9.5	48.1	13.9	16.0	13.3	8.4	5.1	3.1	3.4
Seeds, except oilseeds	2.6	3.8	3.5	2.7	3.3	3.8	2.3	1.5	1.7
Tobacco	44.8	164.6	144.5	154.5	146.1	145.6	110.8	65.9	82.9
Cotton	551.9	805.0	765.7	920.0	770.8	496.8	325.7	345.2	398.2
Wool and hair	1.3	1.6	2.3	2.5	2.4	1.8	1.2	.8	1.4
All other	19.9	33.6	33.9	35.5	36.6	26.7	18.5	12.7	16.8

[1] Revised 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. 553.—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
1923	155	127	196	62	237	146	123	279	343
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

No. 554.—AGRICULTURAL EXPORT INDEXES: BY GROUPS OF PRODUCTS

Group	Relative numbers, 1933, as compared with 1932 as 100			Relative numbers, 1933 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	82	103	85	67	72	49
Animal products, edible	111	104	115	64	65	42
Dairy products and eggs	74	90	67	71	98	70
Grains and preparations	43	109	47	30	72	21
Vegetables, fruits, and nuts	91	99	91	250	88	220
Cotton	94	123	115	102	70	72
Tobacco	111	114	126	(1)	(1)	(1)

[1] Not computed.

Source of Tables 552, 553, and 554: 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. 555.—DOMESTIC ANIMALS: NUMBER AND VALUE OF ANIMALS ON FARMS

N[illegible] l ages are included except in figures for cattle and sheep, 1880 and 1890, which are [illegible] 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)	15,266	2,252	57,649	16,512	41,137	40,876	57,427	----------
1900 (June 1)	18,267	3,265	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	66,640	19,675	46,964	35,034	59,346	7,596,877
1925 (Jan. 1)	16,401	5,681	60,760	17,645	43,115	35,590	50,854	4,439,966
1930 (Apr. 1)	13,511	5,375	63,896	20,499	43,397	56,975	56,288	5,707,594
Estimates Jan. 1 [2]								
1913	20,567	4,386	55,833	18,526	37,307	40,700	54,000	5,272,255
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	5,839,338
1916	21,159	4,593	66,394	20,064	46,330	36,543	59,700	5,892,976
1917	21,210	4,723	69,533	20,541	48,992	36,700	56,700	6,537,327
1918	21,555	4,873	71,229	21,021	50,208	39,000	61,200	7,955,129
1919	21,482	4,954	70,261	21,219	49,042	41,000	63,800	8,384,013
1920	20,092	5,656	70,325	21,455	48,870	40,643	60,159	8,108,569
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	5,895	67,384	22,099	45,285	36,695	69,304	5,052,481
1924	17,365	5,908	65,832	22,288	43,544	37,020	66,576	4,736,825
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	4,982,493
1927	15,368	5,801	57,528	22,159	35,369	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	5,306	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	24,475	38,181	53,155	58,988	3,191,623
1933	12,197	5,034	65,552	25,277	40,275	51,736	61,320	2,674,509
1934	11,942	4,931	67,352	26,062	41,290	51,374	55,976	2,854,217

[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 B[illegible] onomics, [illegible] e, 1913 to 1919, computed by Bureau c[illegible] Commerc[illegible] price for each class.

No. 556.—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	[1] 4,858,389	6,064,051
All cattle	66,640	60,760	63,896	3,651,521	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. 557.—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	63,896	**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**	4,821
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. 558.—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	19,675,297	35,033,516	3,458,925	59,346,409
1925	16,400,623	5,680,897	60,760,366	17,644,867	35,590,159	3,370,218	50,853,526
1930	13,510,839	5,375,017	63,895,826	20,498,955	56,975,084	4,821,294	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	79.13	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 557 and 558: Bureau of the Census, Department of Commerce.

No. 559—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)	1934 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1934 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1934 (Jan. 1) [2]
United States	19,767	16,401	13,511	11,942	5,432	5,681	5,375	4,931	66,640	60,760	63,896	67,352
New England	305	259	182	151	3	3	2	(3)	1,320	1,119	1,271	1,185
Maine	94	82	61	47	(3)	1	1	(3)	301	236	257	252
New Hampshire	38	31	20	15	(3)	(3)	(3)	(3)	164	121	136	130
Vermont	77	63	52	46	1	1	1	(3)	435	393	472	434
Massachusetts	51	44	25	21	(3)	1	(3)	(3)	216	188	207	180
Rhode Island	7	5	3	4	(3)	(3)	(3)	(3)	31	27	32	30
Connecticut	38	34	21	18	1	1	1	(3)	174	153	167	159
Middle Atlantic	1,115	907	672	598	68	65	60	59	3,869	3,309	3,906	3,664
New York	536	440	321	285	7	7	6	6	2,144	1,837	2,220	2,049
New Jersey	73	57	39	32	6	5	3	2	179	153	175	175
Pennsylvania	506	410	312	279	55	53	51	51	1,546	1,319	1,511	1,440
East North Central	4,114	3,303	2,688	2,451	310	315	261	246	10,898	9,656	10,627	10,384
Ohio	811	630	495	451	32	33	31	32	1,927	1,653	1,773	1,708
Indiana	717	556	443	404	100	101	82	79	1,546	1,282	1,447	1,485
Illinois	1,297	1,030	821	727	168	168	134	122	2,788	2,305	2,342	2,500
Michigan	606	482	383	362	6	7	7	6	1,586	1,406	1,528	1,461
Wisconsin	683	604	546	507	4	6	7	7	3,051	3,010	3,537	3,230
West North Central	6,942	5,968	5,152	4,574	847	892	673	605	20,163	19,204	19,877	21,777
Minnesota	933	835	805	745	10	13	15	15	3,021	2,853	3,156	3,476
Iowa	1,387	1,180	1,048	927	82	97	85	76	4,548	4,264	4,136	4,455
Missouri	906	708	597	551	389	372	296	274	2,782	2,372	2,783	2,770
North Dakota	856	731	612	521	8	9	8	8	1,335	1,341	1,454	1,835
South Dakota	817	720	621	524	15	21	19	15	2,348	2,022	1,974	2,214
Nebraska	961	862	754	662	100	120	99	86	3,154	3,283	3,150	3,460
Kansas	1,083	931	715	644	243	260	151	131	2,975	3,068	3,224	3,567
South Atlantic	1,039	806	604	512	1,079	1,023	1,033	945	4,703	4,135	3,780	3,945
Delaware	28	22	18	15	9	9	10	9	47	46	54	49
Maryland	141	117	94	84	33	31	29	28	283	273	319	285
Dist. of Col	(3)	(3)	(3)	(4)	(3)	(3)	(3)	(4)	1	1	1	(4)
Virginia	312	260	203	167	97	102	94	88	910	807	833	792
West Virginia	169	143	113	101	15	15	12	12	587	568	556	547
North Carolina	171	131	87	73	257	280	294	268	645	539	533	594
South Carolina	78	49	31	22	220	199	189	165	434	341	270	290
Georgia	101	54	37	32	406	344	354	333	1,157	906	783	894
Florida	39	29	21	18	42	43	41	42	639	656	431	494
East South Central	1,046	768	591	484	1,250	1,277	1,272	1,232	4,547	3,636	3,868	4,226
Kentucky	382	307	248	203	293	294	252	254	1,093	905	1,086	1,115
Tennessee	318	242	175	143	353	352	319	309	1,159	986	1,074	1,116
Alabama	130	87	65	53	296	303	332	325	1,044	822	799	901
Mississippi	215	131	103	85	308	328	369	344	1,250	923	1,009	1,094
West South Central	2,160	1,760	1,524	1,373	1,685	1,893	1,918	1,693	10,108	9,009	10,243	10,933
Arkansas	252	182	138	116	323	341	362	306	1,073	810	813	960
Louisiana	179	131	118	99	180	173	201	176	804	697	730	839
Oklahoma	738	608	506	431	337	368	315	251	2,074	1,657	2,097	2,394
Texas	991	838	762	727	846	1,010	1,040	960	6,157	5,846	6,603	6,740
Mountain	2,076	1,850	1,511	1,325	89	112	89	82	7,600	7,406	6,691	7,877
Montana	669	594	450	380	9	10	8	8	1,269	1,322	1,290	1,543
Idaho	293	233	206	182	8	8	7	7	715	606	622	736
Wyoming	198	200	173	149	3	5	4	4	875	783	824	1,004
Colorado	421	365	329	312	31	38	29	26	1,757	1,436	1,454	1,650
New Mexico	183	187	141	114	20	31	23	19	1,300	1,267	1,055	1,225
Arizona	136	112	80	73	12	12	12	12	822	1,069	695	930
Utah	125	110	91	81	3	4	3	3	506	504	442	460
Nevada	50	50	41	34	2	4	3	3	356	419	309	329
Pacific	970	780	587	476	101	101	77	69	3,432	3,285	3,533	3,361
Washington	296	242	182	150	23	26	22	20	573	582	625	659
Oregon	272	224	170	148	14	19	14	13	851	784	805	852
California	402	314	226	178	63	56	41	36	2,008	1,918	2,103	1,850

[1] Census returns for 1920 [illegible] nd heifers 1 year old and over, for 1930, cows and heifers born before 1929 kep[illegible]. Estimates for Jan. 1, 1934, represent cows and heifers 1 year old and over [illegible].

FARMS, BY DIVISIONS AND STATES, 1920 TO 1934

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)	1934 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1934 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1934 (Jan. 1) [2]	
23,724	20,714	24,258	30,811	35,034	35,590	56,975	51,374	59,346	50,854	56,288	55,976	U. S.
1,016	920	818	948	243	154	201	140	384	193	228	194	N. Eng.
217	181	153	190	119	85	100	67	91	54	46	52	Me.
119	97	85	100	28	16	21	16	42	16	16	14	N. H.
346	325	310	352	63	35	51	35	73	44	29	29	Vt.
174	164	137	149	19	10	13	11	104	58	105	72	Mass.
25	24	22	25	3	2	3	2	13	4	5	5	R. I.
135	129	111	132	11	7	13	9	61	17	27	22	Conn.
2,928	2,670	2,426	2,887	1,098	893	1,220	987	1,931	1,050	1,007	935	Mid. Atl.
1,730	1,552	1,405	1,665	579	473	618	454	601	259	221	204	N. Y.
148	135	121	145	10	6	12	7	139	56	129	66	N. J.
1,050	983	900	1,077	509	415	590	526	1,191	734	657	665	Pa.
6,082	5,877	5,800	7,156	5,073	4,479	6,599	5,102	14,183	11,774	12,985	13,115	E. N. C.
1,059	968	961	1,176	2,103	1,941	2,536	2,110	3,084	2,368	2,778	2,287	Ohio.
727	691	738	945	644	595	1,118	733	3,757	2,939	3,347	3,573	Ind.
1,148	969	1,088	1,374	638	566	944	623	4,639	4,249	4,652	5,094	Ill.
967	944	843	1,062	1,209	1,066	1,416	1,171	1,106	855	596	711	Mich.
2,180	2,304	2,170	2,599	480	310	585	465	1,596	1,363	1,612	1,450	Wis.
5,485	4,403	6,845	8,946	4,950	4,007	7,312	7,559	21,715	24,800	27,650	26,863	W. N. C.
1,532	1,565	1,712	2,193	509	379	927	1,174	2,381	2,715	3,316	3,216	Minn.
1,094	822	1,486	1,881	1,092	818	1,558	1,247	7,864	8,567	10,056	10,813	Iowa.
793	617	970	1,260	1,272	894	1,750	1,189	3,889	3,502	3,861	4,253	Mo.
461	385	583	845	299	311	857	939	458	784	628	434	N. Dak.
406	292	587	825	844	644	1,150	1,371	1,954	2,600	2,637	1,229	S. Dak.
517	268	691	900	573	647	496	997	3,436	4,236	4,679	4,307	Nebr.
681	454	816	1,042	361	315	574	642	1,733	2,197	2,473	2,611	Kans.
2,012	1,549	1,704	2,144	1,209	1,077	2,187	1,421	6,536	4,176	4,393	4,226	S. Atl.
38	39	34	40	3	2	5	3	39	24	30	23	Del.
189	196	190	217	103	92	194	109	306	188	205	181	Md.
1	1	1	(4)	(3)	-------	(3)	(4)	1	1	1	(4)	D. C.
418	329	384	453	342	351	329	470	941	582	700	562	Va.
210	154	216	265	510	441	897	650	305	177	222	207	W. Va.
355	292	298	405	91	67	146	95	1,271	872	839	936	N. C.
229	178	151	184	24	14	19	15	845	535	471	478	S. C.
484	308	342	465	72	51	50	36	2,071	1,300	1,358	1,362	Ga.
90	52	88	115	65	60	47	43	755	498	567	477	Fla.
2,031	1,593	1,868	2,419	1,318	1,155	2,402	1,482	6,207	3,453	3,601	4,154	E. S. C.
515	433	532	627	708	696	1,597	951	1,504	919	1,035	1,079	Ky.
495	416	493	633	364	299	626	389	1,832	1,009	1,002	1,137	Tenn.
491	363	371	531	82	56	69	47	1,497	827	831	948	Ala.
530	381	472	628	164	114	110	95	1,373	698	733	990	Miss.
2,296	1,730	2,590	3,559	2,909	3,359	7,500	8,535	5,758	3,451	4,148	4,313	W. S. C.
517	325	390	573	100	51	86	58	1,378	847	776	990	Ark.
218	116	256	342	130	109	171	137	851	518	759	632	La.
560	429	703	938	105	62	222	161	1,304	920	1,051	1,024	Okla.
1,002	860	1,241	1,706	2,573	3,137	7,021	8,179	2,226	1,166	1,562	1,667	Tex.
754	723	973	1,289	13,207	15,130	21,008	20,150	1,193	1,311	1,217	1,162	Mountain.
153	122	186	261	2,083	2,188	4,028	4,144	167	278	210	227	Mont.
143	171	194	266	2,356	1,746	3,302	2,396	240	276	268	277	Idaho.
42	39	72	92	1,860	2,507	3,418	3,614	72	100	98	78	Wyo.
234	192	266	355	1,813	2,244	2,505	3,008	450	493	462	420	Colo.
46	47	70	89	1,640	1,743	2,291	2,757	88	55	65	58	N. Mex.
39	41	41	58	882	1,164	1,340	1,010	50	19	24	17	Ariz.
81	88	120	140	1,692	2,355	2,922	2,242	99	64	67	68	Utah.
16	23	24	28	881	1,184	1,202	979	27	25	23	17	Nev.
1,120	1,249	1,234	1,463	5,026	5,336	8,548	5,998	1,441	845	1,059	1,014	Pacific.
290	319	298	388	624	516	1,143	721	265	198	186	202	Wash.
216	245	253	318	2,002	1,775	3,319	2,391	207	216	225	177	Oreg.
614	685	683	757	2,400	3,045	4,084	2,886	969	431	648	635	Calif.

[2] Estimates by Department of Agriculture. [3] Less than 500. [4] No estimate.

Source: Bureau of the Census, Department of Commerce, except as noted.

No. 560.—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 [1]	Total, all stockyards reporting [1 2]
CATTLE AND CALVES												
Receipts:												
1911–1915	2,957	416	1,081	1,046	2,151	1,062	451	607	443	10,214		
1916–1920	3,924	685	1,308	1,421	2,828	1,745	683	1,286	739	14,678	7,893	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	611	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	7,845	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
Shipments:												
1911–1915	891	[1]	309	[1]	[1]	445	154	357	241	[3] 2,397		
1916–1920	1,017	538	393	586	1,266	740	223	749	416	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
SHEEP AND LAMBS												
Receipts:												
1911–1915	5,317	694	874	314	2,044	3,107	793	725	286	14,154		
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	1,188	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	2,834	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
Shipments:												
1911–1915	1,088	[1]	78	[1]	[1]	1,412	183	534	76	[3] 3,371		
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	215	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	16,996
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
SWINE												
Receipts:												
1911–1915	7,225	258	2,678	465	2,611	2,540	1,837	1,379	1,520	20,513		
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	3,459	279	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 [4]	7,792	771	3,328	498	2,077	2,950	1,715	2,742	2,287	24,160	16,217	40,377
Shipments:												
1911–1915	1,439	[1]	891	[1]	[1]	393	121	424	419	[3] 3,687		
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	1,997	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	1,857	20	276	419	128	624	360	4,531	5,329	9,860
HORSES AND MULES												
Receipts:												
1911–1915	112	28	182	49	86	34	36	7	14	548		
1916–1920	98	26	236	76	98	25	35	10	22	626	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	236	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	46	31	9	16	14	238	166	404

[1] Figures not available prior to 1915. [2] Total for about 65 stockyards. [3] Total of six stockyards.
[4] 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. 561.—DOMESTIC ANIMALS: Receipts and Shipments at Nine Stockyards

[All figures in thousands. Stockyards covered are those named in Table 560]

Year	Cattle and calves		Sheep and lambs		Swine		Horses and mules, receipts
	Receipts	Shipments [1]	Receipts	Shipments [1]	Receipts	Shipments [1]	
1914	9,466	2,173	14,372	3,337	19,044	3,525	478
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	15,084	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	15,032	6,713	16,847	7,850	26,237	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	6,677	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	5,615	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	14,974	6,434	20,525	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	[2] 24,160	4,531	238

[1] Denver, Fort Worth, and Kansas City are not included in 1914. [2] See note 4 Table 560.

No. 562.—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	1929	1930	1931	1932	1933
Cattle and calves:								
Receipts	22,573	22,796	21,744	20,440	20,166	19,616	17,332	17,934
Stocker and feeder shipments	4,610	4,144	3,673	3,651	3,426	3,044	2,618	2,547
Sheep and lambs:								
Receipts	22,838	22,572	26,016	26,868	29,808	33,023	29,306	27,184
Stocker and feeder shipments	5,014	4,150	4,912	5,565	4,463	5,287	3,373	3,008
Swine:								
Receipts	42,552	47,968	42,516	44,097	40,774	39,538	35,028	40,377
Stocker and feeder shipments	720	588	736	623	517	533	321	398

No. 563.—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
1930	20,166	1,639	1,326	1,547	1,644	1,517	1,459	1,512	1,605	2,107	2,377	1,696	1,736
1931	19,616	1,508	1,303	1,535	1,616	1,551	1,540	1,488	1,822	1,798	2,137	1,865	1,453
1932	17,332	1,376	1,282	1,377	1,376	1,397	1,337	1,291	1,606	1,689	1,896	1,543	1,162
1933	17,934	1,324	1,137	1,171	1,296	1,558	1,449	1,456	1,669	1,653	2,178	1,699	1,343
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
1930	29,808	1,903	1,803	2,151	2,230	2,334	2,230	2,296	2,583	3,580	3,784	2,607	2,307
1931	33,023	2,175	1,964	2,120	2,713	2,810	2,587	2,535	3,270	3,900	3,956	2,811	2,182
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	3,268	2,064	1,774
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	3,839	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
1930	40,774	4,720	3,781	3,294	3,255	3,293	3,216	2,918	2,617	2,799	3,441	3,439	4,002
1931	39,538	4,652	3,704	3,207	3,057	2,938	2,854	2,511	2,454	2,727	3,462	3,752	4,210
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 [1]	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

[1] Includes many pigs and sows received for sale on Government account, Aug. 23–Sept. 30, 1933.

Source of Tables 561, 562, and 563, Bureau of Agricultural Economics, Department of Agriculture.

No. 564.—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. Chicago, calendar year averages, except the averages for weighted 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
1919	91.96	9.59	15.50	12.76	16.83	9.63	10.47	12.96	16.31	16.01	17.85
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	4.07	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

[1] Chicago prices are for beef steers, all grades, excluding western.

No. 565.—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]													
1928	13.67	13.15	12.83	13.01	13.19	13.86	15.11	15.30	15.91	14.61	13.84	12.86	13.91
1929	12.51	11.92	12.68	13.52	13.67	14.10	14.59	14.22	13.92	13.81	13.00	12.74	13.43
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	5.64	5.79	6.01	5.88	5.75	5.53	5.13	5.17	5.42
Calves, veal: [3]													
1928	13.70	15.04	13.75	13.02	13.95	13.24	14.84	16.68	17.36	14.94	14.22	13.94	14.56
1929	15.83	14.74	15.50	14.43	13.39	14.22	15.30	15.81	16.64	13.76	13.70	13.82	14.76
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
Sheep: [4]													
1928	7.03	8.96	9.47	10.16	8.53	6.12	6.28	6.72	6.34	6.18	5.84	7.03	7.39
1929	9.32	8.78	9.72	10.34	6.77	6.28	5.85	5.34	4.56	4.70	5.38	5.41	6.87
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	1.65	1.66	1.92	1.62	1.59	1.82	2.08	2.20
1933	2.30	2.34	2.48	2.38	2.51	2.34	2.09	2.25	2.14	2.03	2.18	2.55	2.30
Lambs:													
1928	13.16	15.39	16.26	16.31	16.10	16.84	15.61	14.72	14.29	13.12	13.31	14.31	14.99
1929	16.37	16.53	17.07	16.82	13.62	15.35	14.38	13.50	13.19	12.73	12.72	13.22	14.62
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	9.60
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
Hogs: [5]													
1928	8.25	8.08	8.03	9.28	9.67	9.91	10.65	11.53	11.89	9.57	8.83	8.61	9.22
1929	9.22	10.19	11.44	11.41	10.81	10.72	11.20	10.52	9.85	9.38	9.06	9.34	10.16
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

[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 564 and 565: Bureau of Agricultural Economics, Department of Agriculture.

No. 566.—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	[2] 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	8.0	49.7	12.1	53.1	5.7	40.4	6.0	44.1	9.1	56.5

Yearly average or year	Beef, fresh, carcass, steers, Chicago		Beef, fresh, native sides, New York		Poultry, dressed, Chicago		Butter, creamery, extra, New York		Cheese, whole milk, New York		Eggs, firsts, fresh, New York [3]		Milk, fresh, New York	
			Price	Index			Price	Index	Price	Index			Price	Index
1891-1895	------	------	7.9	52.0	------	------	24.7	54.9	10.3	46.6	------	42.9	3.3	45.2
1896-1900	------	------	7.8	51.3	------	------	20.1	44.7	9.8	44.3	------	38.1	3.1	42.5
1901-1905	------	------	8.3	54.6	------	------	23.3	51.8	11.2	50.7	------	50.7	3.4	46.6
1906-1910	[4] 11.0	[4] 64.7	9.1	59.9	------	------	27.9	62.0	14.3	64.7	------	60.1	4.0	54.8
1911-1915	12.8	75.3	12.1	79.6	[1] 14.3	[1] 58.1	30.0	66.7	15.2	68.8	[1] 25.7	67.7	4.2	57.5
1916-1920	19.8	116.5	18.6	122.4	25.3	102.8	50.1	111.3	25.6	115.8	45.6	123.2	7.1	97.3
1921-1925	16.4	96.5	14.8	97.4	25.0	101.6	43.8	97.3	21.7	98.2	37.2	100.5	7.4	101.4
1926-1930	20.3	119.4	18.5	121.7	24.3	98.8	44.1	98.0	23.0	104.1	33.0	89.2	8.2	112.3
1929	23.1	135.9	21.0	138.2	24.2	98.4	44.9	99.8	23.6	106.8	36.8	99.5	8.6	117.8
1930	20.7	121.8	17.6	115.8	24.2	98.4	36.4	80.9	18.9	85.5	27.8	75.1	8.3	113.7
1931	15.6	91.8	13.4	88.2	19.3	78.5	28.3	62.9	14.8	67.0	22.5	60.8	7.4	102.7
1932	13.1	77.1	11.7	77.0	14.3	58.1	21.0	46.7	12.0	54.3	19.3	52.2	5.1	69.9
1933	9.5	55.9	9.2	60.5	13.0	48.8	21.7	48.2	13.2	59.7	17.2	46.5	5.2	71.2

[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. 567.—FARM PRICES OF ANIMALS AND ANIMAL PRODUCTS

NOTE.—All prices are in cents per pound except for eggs which are in cents per dozen. Prices represent weighted averages for the entire country. Annual averages are weighted according to volume marketed each month. Market year begins in October for hogs, June for lambs, July for chickens, April for eggs. Quotations are as of the 15th of each month

Market year beginning—	Hogs	Lambs	Chickens	Eggs	Calendar year	Beef cattle	Veal calves	Sheep	Wool [1]	Butter	Butter-fat
1910-1914	6.92	5.93	11.2	19.1	1910-1914	5.30	6.83	4.60	17.7	25.2	25.8
1915-1920	12.20	11.10	19.2	31.9	1915-1920	8.02	10.51	8.35	41.0	39.5	41.2
1921-1925	8.81	10.42	19.1	25.9	1921-1925	5.66	8.10	6.35	32.1	38.6	39.4
1926-1930	8.81	10.61	19.8	25.5	1926-1930	7.88	10.71	7.06	30.2	41.5	42.1
1923	6.85	10.54	18.3	26.2	1924	5.55	8.11	6.81	36.9	39.4	39.8
1924	10.15	11.45	19.2	26.1	1925	6.23	8.85	7.70	38.5	40.7	41.9
1925	11.55	11.98	20.7	28.3	1926	6.43	9.61	7.43	32.5	41.1	41.3
1926	10.28	11.36	20.7	27.5	1927	7.23	10.15	7.26	30.7	42.3	43.7
1927	8.59	11.76	19.8	24.2	1928	9.12	11.72	7.68	36.7	43.7	45.6
1928	9.28	12.31	22.1	27.4	1929	9.15	12.17	7.55	30.9	43.8	44.9
1929	8.95	10.71	20.4	27.9	1930	7.46	9.91	5.36	20.3	36.8	34.8
1930	6.95	6.92	16.1	20.5	1931	5.31	7.04	3.43	13.9	27.4	24.7
1931	3.78	4.97	13.8	15.5	1932	4.07	5.00	2.40	9.0	20.7	17.6
1932	3.36	4.21	10.0	11.8	1933	3.63	4.61	2.37	18.6	20.2	19.1
Dec., 1932	2.73	3.95	9.2	28.1	Dec., 1932	3.41	4.16	2.04	9.2	21.3	21.1
Dec., 1933	2.92	4.92	8.6	21.6	Dec., 1933	3.12	4.20	2.48	24.2	21.0	18.0
Jan., 1934	3.06	5.50	9.4	17.6	Jan., 1934	3.33	4.46	2.71	24.6	19.6	16.1
Feb., 1934	3.87	6.55	10.2	15.8	Feb., 1934	3.67	5.02	3.46	25.4	21.7	21.6
Mar., 1934	3.88	6.79	10.7	14.4	Mar., 1934	3.79	4.95	3.66	26.9	22.7	23.5

[1] Unwashed.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 568.—MEATS AND LARD: PRODUCTION, EXPORTS, IMPORTS, AND CONSUMPTION, AND NUMBER OF ANIMALS SLAUGHTERED UNDER FEDERAL INSPECTION

NOTE.—**All figures, except per capita, in millions of pounds.** Uninspected slaughter is estimated by use of average carcass weights and dressing percentages obtained from packers and stockyards data, census reports, etc. The edible offal (liver, plu[illegible] excluded. Exports include shipments to noncontiguous territories. Figures of consumpti[illegible] include differences between quantities in storage at beginning and end of year. [illegible] slaughter for 1933 are not yet available.

Yearly average or year (calendar)	Production			Exports	Imports (less re-exports)	Consumption	
	Estimated total	Federally inspected	Uninspected [1]			Estimated total	Per capita (pounds)
All meat (excluding lard): [2]							
1910–1914	13,776	8,256	5,520	506	[3] 171	13,239	139.2
1915–1920	15,049	9,925	5,125	1,603	90	13,204	128.3
1921–1925	16,852	11,030	5,822	794	38	15,989	142.9
1926–1930	16,854	11,176	5,678	386	107	16,544	137.8
1930	16,538	10,898	5,640	345	63	16,367	132.8
1931	16,777	11,048	5,729	223	24	16,530	133.2
1932	16,800	10,659	6,141	193	29	16,652	133.4
1933		1,546		225			
Beef:							
1910–1914	6,109	3,761	2,347	79	[3] 144	6,059	63.8
1915–1920	6,541	4,681	1,860	365	66	6,143	59.6
1921–1925	6,791	4,619	2,172	44	23	6,770	60.5
1926–1930	6,501	4,558	1,944	30	88	6,602	55.0
1930	6,076	4,245	1,831	29	57	6,172	50.1
1931	6,132	4,278	1,854	28	20	6,156	49.6
1932	5,896	3,940	1,956	[4] 30	25	5,917	47.4
1933		4,541		[4] 36	44		
Veal:							
1910–1914	552	195	358		[4] 5	553	5.8
1915–1920	665	297	368		3	667	6.5
1921–1925	868	449	419		4	869	7.8
1926–1930	858	479	379		5	863	7.2
1930	833	459	374		2	835	6.8
1931	860	473	387			860	6.9
1932	849	454	395			849	6.8
1933		505					
Mutton and lamb:							
1910–1914	711	552	159	4	[5] 18	710	7.4
1915–1920	555	430	126	5	17	566	5.5
1921–1925	584	456	128	4	8	590	5.8
1926–1930	696	544	151	2	[6] 3	696	5.8
1930	820	650	170	2		819	6.6
1931	878	688	190	2		878	7.1
1932	875	682	193	1		874	7.0
1933		673		2			
Pork (excluding lard):							
1910–1914	6,361	3,733	2,628	422	[3] 16	5,873	61.7
1915–1920	7,273	4,513	2,760	1,233	5	5,813	56.5
1921–1925	8,607	5,506	3,101	746	4	7,754	69.3
1926–1930	8,798	5,595	3,203	354	11	8,382	69.8
1930	8,809	5,544	3,265	314	4	8,541	69.3
1931	8,907	5,609	3,298	193	4	8,636	69.6
1932	9,180	5,583	3,597	[4] 162	6	9,012	72.2
1933		5,827		[4] 187	3		
Lard:							
1910–1914	1,614	948	666	519		1,095	11.5
1915–1920	1,877	1,178	698	556		1,321	12.9
1921–1925	2,445	1,660	785	896		1,552	13.9
1926–1930	2,443	1,621	822	758		1,683	14.0
1930	2,344	1,521	823	674		1,701	13.8
1931	2,385	1,554	831	601		1,784	14.4
1932	2,463	1,573	890	576		1,897	15.2
1933		1,679		612			

NUMBER OF ANIMALS SLAUGHTERED UNDER FEDERAL INSPECTION (THOUSANDS)

Year	Cattle	Calves	Sheep	Goats	Swine	Year	Cattle	Calves	Sheep	Goats	Swine
1910–1914	7,283	2,060	13,808	93	31,986	1924	9,593	4,935	11,991	33	52,873
1915–1920	9,390	3,135	11,249	131	39,403	1925	9,853	5,353	12,001	39	43,043
1921–1925	8,979	4,556	11,891	26	46,269	1926	10,180	5,153	12,961	32	40,636
1926–1930	8,932	4,759	14,010		45,355	1927	9,520	4,876	12,883	23	43,633
1918	11,829	3,456	10,320	138	41,214	1928	8,467	4,680	13,488	19	49,795
1919	10,091	3,969	12,691	87	41,812	1929	8,324	4,489	14,023	27	48,445
1920	8,609	4,058	10,982	42	38,019	1930	8,170	4,595	16,697	11	44,266
1921	7,608	3,808	13,005	12	38,982	1931	8,108	4,717	18,071	7	44,772
1922	8,678	4,182	10,929	21	43,114	1932	7,625	4,492	17,899	7	45,245
1923	9,163	4,500	11,529	27	53,334	1933	8,655	4,907	17,354	6	47,226

[1] [illegible] all quantities of goat meat. [2] 2-year average.
[4] [illegible] not included prior to 1932 as this item was not reported separately.
[5] 1914 only. [6] 4-year average.

Source: Bureau of Animal Industry, Department of Agriculture.

No. 569.—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] 1,615,688
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	3,169	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	100,644	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	14,890	11,302	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	1,362,227	883,182	1,122,986	36,014	12,548	[5] 33,256	33,116	
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	534,306	54,995	436,237
Ohio	425,834	454,117	159,816	227,151	45,766	45,683	105,945	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	449,750	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	602,375	818,319	94,490	334,724
Minnesota	663,638	825,441	50,829	95,757	155,308	198,798	284,386	10,246	288,630
Iowa	515,910	647,224	35,379	64,538	98,688	140,521	191,688	14,679	213,731
Missouri	273,956	369,134	30,297	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	50,439	40,129	9,315	40,804
Nebraska	197,601	292,988	13,876	29,932	31,243	52,792	98,731	13,060	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	5,407
West Virginia	76,621	83,868	10,425	16,951	1,282	4,061	16,744	12,674	466
North Carolina	108,151	119,992	11,222	19,792	975	2,003	25,952	26,158	2,230
South Carolina	49,982	52,525	3,214	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	33,173	141,202	107,013	46,992
Kentucky	165,921	210,624	17,495	38,912	9,619	22,636	43,207	22,886	20,633
Tennessee	148,759	181,790	15,591	43,608	5,209	10,120	44,857	29,331	17,267
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	71,526	141,352	109,585	56,250
Arkansas	98,709	128,569	5,758	13,345	2,073	8,965	29,267	23,999	2,985
Louisiana	37,870	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	54,858	135,187	52,609	66,411	87,227	15,645	79,630
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	1,306	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	96,161	74,600	139,374	7,670	121,702
Washington	169,846	180,104	45,819	91,791	27,217	19,595	34,560	3,196	28,695
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] [illegible] or incomplete reports.
[2] [illegible] usive of small amounts of butter made as an incidental product in establishments [illegible] manufacture of products other than butter, cheese, or condensed milk.
[3] [illegible] 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. 570.—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	542,004	346,356	228,139	216,808
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	15,846	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]223,795	[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						[3]1,047,195	[2]991,319	1,380,371
Chicken eggs produced	Doz.	[2]1,574,979	[2]1,054,045	[2]1,913,245	2,689,719	[3]661,083	[2]571,938	799,261
Eggs sold	do.	[3]926,466	1,010,813	(1)	1,955,459	404,503	(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]153,600	140,811	(1)	284,626	119,723	(1)	202,516
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 estimate [illegible] [3] Eggs of all kinds, valued at $47,767,826; ducks, 11,337,487, valued at $12,211,317; and geese, 3,989,831, [illegible]
[4] Data for other poultry raised in 1929 were as follo[illegible]
[5] Fowls of all kinds.

No. 571.—DAIRY PRODUCTS: Factory Production by Detailed Classes

[In thousands of pounds]

Manufactured product	1927	1928	1929	1930	1931	1932
Creamery butter [1]	1,497,712	1,488,146	1,598,248	1,597,747	1,667,452	1,694,132
Renovated or process butter	4,286	2,716	2,631	1,850	1,236	950
American cheese (whole milk)	307,777	335,253	370,314	378,816	374,648	370,743
American cheese (part skim)	3,390	2,900	4,951	3,653	3,108	3,319
American cheese (full skim)	1,898	3,048	1,074	869	416	225
Swiss cheese (including block)	18,141	16,718	19,400	26,303	28,234	25,533
Brick and Munster cheese	31,546	28,960	31,763	33,548	35,484	36,973
Limburger cheese	8,842	7,437	8,568	8,473	8,508	7,807
Cream and Neufchatel cheese	25,962	30,589	34,405	33,213	33,637	31,608
All Italian varieties of cheese	3,377	3,587	5,948	8,573	3,493	3,795
All other varieties of cheese	5,763	9,027	7,504	7,029	4,851	4,010
Cottage, pot, and bakers' cheese	75,679	87,525	94,941	97,041	101,617	103,524
Condensed milk (sweetened):						
Skimmed	145,345	156,089	204,107	161,063	142,118	122,000
Unskimmed	201,023	177,737	197,611	184,047	143,356	112,916
Evaporated milk (unsweetened):						
Skimmed	134,185	158,243	153,624	157,862	145,502	138,646
Unskimmed	1,375,169	1,426,358	1,651,306	1,577,352	1,539,031	1,666,664
Condensed or evaporated buttermilk	99,180	102,452	107,288	96,431	64,619	52,167
Dried or powdered buttermilk	38,435	45,502	54,215	64,601	50,535	48,712
Powdered whole milk	11,464	9,605	13,202	15,440	12,627	11,983
Powdered skimmed milk	118,123	147,996	207,579	260,675	261,938	270,194
Powdered cream	338	673	294	400	161	80
Dried casein (skim-milk or buttermilk product)	18,033	22,151	30,537	41,965	35,335	24,428
Malted milk	22,116	21,128	22,850	22,691	19,197	13,215
Milk sugar (crude)	4,077	5,323	8,965	12,779	9,562	3,700
Ice cream of all kinds [2]	226,756	232,185	254,618	240,750	208,239	154,604

[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. 572.—WHOLE MILK REQUIRED FOR FACTORY PRODUCTS[1]

Manufactured products	Whole milk required per unit of product	1930			1931			1932		
		Quantity of product manufactured	Whole milk required	Per cent of milk manufactured	Quantity of product manufactured	Whole milk required	Per cent of milk manufactured	Quantity of product manufactured	Whole milk required	Per cent of milk manufactured
	Pounds	*Million pounds*	*Million pounds*		*Million pounds*	*Million pounds*		*Million pounds*	*Million pounds*	
Total milk required			45,007	100.00		45,802	100.00		45,578	100.00
Butter[2]	20.3	1,598	32,340	71.86	1,667	33,906	74.03	1,694	34,386	75.44
Cheese (all kinds)	10.1	500	5,061	11.24	492	4,973	10.86	484	4,883	10.71
Condensed and evaporated milk	2.2	1,761	3,827	8.50	1,682	3,653	7.98	1,780	3,858	8.46
Powdered milk	7.6	15	118	.26	13	96	.21	12	91	.20
Powdered cream	19.9	(3)	8	.02	(3)	3	.01	(3)	2	.01
Malted milk	2.7	23	60	.13	19	51	.11	13	35	.08
Ice cream (factory)	3.2	1,136	3,592	7.98	983	3,121	6.81	730	2,323	5.10

[1] Quantities of milk required are based on plant milk and cream receipts. Allowance has been made for duplication principally in fat recovered from whey and in the use of such manufactured products as butter and evaporated or condensed milk in ice cream.

[2] Creamery and whey. [3] Less than 500,000 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 573.—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	1929	1930	1931	1932	1933
BUTTER							
Production, creamery[1]	1,233,655	1,525,514	1,597,027	1,595,231	1,667,452	1,694,132	[2] 1,736,141
Receipts (5 markets)[3]	643,166	688,558	704,116	682,668	712,390	708,925	761,129
New York	238,240	259,697	265,760	268,070	274,218	282,520	290,449
Chicago	228,995	236,106	244,632	233,638	243,695	223,428	261,001
Philadelphia	68,086	83,343	87,386	83,762	90,585	92,243	92,387
Boston	81,413	81,764	81,188	72,455	77,200	81,984	88,275
[illegible]	26,431	25,648	25,155	24,738	26,692	28,750	29,017
[illegible]ec. 1[4]	67,999	83,650	111,650	88,012	42,242	37,207	138,166
CHEESE							
Production, American	304,915	345,615	370,314	378,816	374,648	370,743	[2] 381,291
Receipts (5 markets)[3]	207,321	193,169	178,899	164,199	148,656	157,022	152,205
New York	48,127	48,730	50,911	52,165	56,005	61,195	59,850
Chicago	115,674	95,138	80,823	58,866	41,555	42,804	36,889
Philadelphia	18,920	20,406	19,973	21,167	20,949	22,081	23,280
Boston	14,336	15,834	14,899	16,882	17,240	16,593	17,680
San Francisco	10,763	13,062	12,293	15,119	12,907	14,349	14,506
Cold-storage holdings, Dec. 1:[4]							
American	50,330	66,770	71,065	71,132	60,583	62,392	85,146
All other	16,150	16,412	15,884	16,039	17,982	11,524	13,863

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BUTTER												
Production, creamery:[1]												
[illegible]												
Receipts (5 markets):												
1931	53,340	50,529	57,011	62,633	72,275	86,676	68,326	52,659	50,083	51,242	52,486	55,130
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
CHEESE												
Production, American:												
1931	21,941	22,018	27,571	32,940	44,439	49,513	40,595	32,956	29,139	30,470	23,016	20,050
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	23,815	22,124	26,186	29,578	43,422	51,142	46,209	30,651	33,897	28,006	18,027	19,234
Receipts (5 markets):												
1931	11,600	10,406	11,717	11,445	12,145	17,480	14,190	14,264	11,948	13,588	10,569	9,304
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

[1] Includes whey butter beginning 1931. [2] Estimates. [3] Gross weight. [4] Net weight.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 574.—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, flats cheese. Annual prices are for the calendar year.

Year (see headnote)	Butter		Butterfat (farm)	Cheese (New York)
	Farm	New York		
1913	26.7	32	27.4	15
1923	40.4	47	42.2	[1] 25
1924	39.4	43	39.8	21
1925	40.7	45	41.9	24
1926	41.1	44	41.3	[3] 23
1927	42.3	47	43.7	[4] 25
1928	43.7	47	45.6	25
1929	43.8	45	44.9	24
1930	36.8	37	34.8	19
1931	27.4	28	24.7	15
1932	20.7	21	17.6	13
1933	20.2	22	19.1	[5] 12

Month	Butter (New York)		Butterfat (farm)		Cheese (New York)	
	1932	1933	1932	1933	1932	1933
January	24	20	22.8	18.9	14	12
February	22	19	19.8	15.8	13	11
March	23	18	19.5	15.1	13	11
April	20	21	17.8	16.5	12	[2]
May	19	23	16.3	20.2	12	[2]
June	17	23	14.6	19.7	11	[2]
July	18	25	14.4	23.0	[2]	[2]
August	20	21	17.5	18.4	14	[2]
September	21	24	17.6	19.6	14	[2]
October	21	24	17.8	20.1	14	13
November	23	24	18.4	20.4	13	13
December	24	20	21.1	18.0	13	12

[1] 11-month average. [2] Not available. [3] 9-month average. [4] 7-month average. [5] 6-month average.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 575.—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	294,099	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
1932 [1]			
Total	197,716	3,438	194,278
Combined animal and vegetable oil	41,070	2,467	38,603
Exclusively vegetable oil	156,646	971	155,675
1933 [1]			
Total	242,232	2,504	239,728
Combined animal and vegetable oil	42,520	1,801	40,719
Exclusively vegetable oil	199,712	703	199,009

District or material	Year ended June 30—			
	1930	1931	1932	1933
PRODUCTION BY STATES				
California	38,823	31,049	26,175	28,133
Colorado	1,619	856	552	451
Illinois	157,955	120,422	93,062	87,692
Indiana	4,369	3,914	4,592	8,946
Kansas	23,440	18,799	16,388	12,770
Maryland	8,820	6,120	4,829	5,613
Massachusetts	3,462	2,391	1,632	1,527
Michigan	6,374	8,637	9,436	10,453
Minnesota	2,769	1,731	1,107	963
Missouri	12,735	10,766	6,286	3,857
Nebraska	2,899	2,183	1,341	910
New Jersey	31,471	24,534	21,216	18,155
Ohio	31,523	29,074	24,716	36,148
Oregon	4,224	2,569	664	898
Rhode Island	1,074	710	339	253
Texas	4,845	3,410	2,338	2,262
Wisconsin	9,191	5,886	----	----
All other	3,531	4,724	670	----
MATERIAL CONSUMED				
Total	424,648	334,891	247,365	243,836
Oleo oil	45,322	28,040	15,315	12,457
Coconut oil	185,066	155,954	127,967	134,430
Cottonseed oil	30,214	22,037	14,874	16,031
Milk	97,753	77,251	54,257	52,007
Palm oil	1,102	2,773	314	388
Peanut oil	5,714	5,291	3,780	2,338
Salt	28,890	22,981	14,659	12,598
Oleostearine	6,269	5,485	4,337	3,283
Neutral lard	19,632	10,180	10,557	9,130
Oleo stock	1,189	1,025	641	573
Butter	2,616	1,013	39	16
Miscellaneous	1,983	2,862	625	585

[1] Calendar year.

Source: Commissioner of Internal Revenue, Treasury Department, and Bureau of Agricultural Economics, Department of Agriculture.

No. 576.—CHICKENS ON FARMS, CHICKENS RAISED, AND EGGS PRODUCED

NOTE.—For additional figures for United States as a whole, see Table 570

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	359, 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, 376	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, 631	5, 088	9, 604	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, 829	31, 497	31, 059	39, 779	59, 153	151, 458	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, 684	99, 252	113, 867	137, 853	400, 445	441, 882	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, 348	123, 101	118, 261	126, 763	158, 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, 329	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, 659	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	66, 752	70, 948	144, 662	153, 799	222, 457
Delaware	949	1, 365	1, 551	1, 205	1, 582	3, 414	3, 908	6, 381	11, 201
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, 385	14, 047	15, 057	14, 727	24, 841	25, 587	39, 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, 766	3, 421	6, 531	9, 577	14, 424
East South Central	34, 092	34, 989	28, 617	51, 071	51, 103	54, 741	138, 152	113, 735	176, 281
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, 039	57, 320
Alabama	5, 918	6, 284	5, 428	10, 180	9, 527	10, 734	23, 437	19, 407	34, 565
Mississippi	6, 342	5, 788	5, 381	9, 830	8, 982	10, 712	23, 783	16, 185	30, 436
West South Central	39, 919	43, 835	43, 254	57, 329	60, 998	78, 048	157, 008	160, 425	296, 460
Arkansas	6, 955	7, 164	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, 989	2, 250	2, 540	3, 371	8, 605	11, 708	16, 399
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, 006	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	997	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	160, 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, 066	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. 577.—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	1929	1930	1931	1932	1933
Chickens, average farm price	17.6	19.1	20.3	21.5	17.6	15.0	11.0	9.2
Turkeys, average farm price, Nov. 15	22.0	27.6	27.8	27.1	20.1	18.3	12.9	11.8
Dressed poultry, receipts:								
Boston		49,606	53,554	54,433	51,289	57,782	58,213	64,728
New York		155,266	194,666	197,057	200,885	218,911	195,445	223,094
Philadelphia		25,151	33,398	34,664	36,536	38,193	36,447	37,066
Chicago		77,895	76,414	93,368	80,153	71,475	65,349	55,430

	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	11.0	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
Receipts of poultry, 1932:												
Boston	4,141	3,927	4,094	2,730	2,907	3,255	2,839	3,487	3,619	4,265	10,633	12,256
New York	12,534	9,910	10,292	8,852	11,454	13,728	12,708	14,288	15,362	19,651	34,609	32,057
Philadelphia	1,881	2,497	1,943	1,960	2,555	1,934	1,912	2,191	2,096	2,614	6,259	8,635
Chicago	4,855	3,317	2,396	1,505	1,428	1,326	853	1,616	3,333	5,232	19,736	19,752
Receipts of poultry, 1933:												
Boston	5,543	3,803	3,387	3,369	3,832	4,128	3,800	4,004	3,939	5,081	12,374	11,468
New York	15,746	11,825	10,962	12,115	15,012	15,641	14,144	16,220	17,417	21,220	30,822	32,048
Philadelphia												
Chicago												

No. 578.—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	1931	1932	1933
Average farm price	22	28	17	13	13
Wholesale prices:					
Western firsts, Boston	25	34	22	20	17
Fresh firsts, New York	25	33	22	21	17
Western extra firsts, Philadelphia	26	37	25	22	21
Fresh firsts, Chicago	22	32	20	18	16
Fresh extras, San Francisco	32	34	25	22	21
Average export value	22	29	23	22	21

	1926–1930, average	1931	1932	1933
Receipts:				
Boston	1,763	1,636	1,439	1,330
New York	7,176	7,601	6,702	6,885
Philadelphia	1,661	1,730	1,496	1,530
Chicago	4,590	4,314	3,412	4,135
San Francisco	756	758	725	748
Total cold-storage holdings:				
July 31	10,249	9,504	6,431	9,507
Dec. 31	1,394	1,475	159	731

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average farm price:												
1931	22	14	17	16	13	14	15	17	19	23	26	26
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
Wholesale price, fresh firsts, New York:												
1932	19	18	15	15	16	16	16	20	22	26	34	33
1933	24	14	14	13	14	13	15	14	18	20	26	22
Receipts, 1932:												
Boston	98	138	181	164	201	155	117	109	79	71	64	62
New York	475	554	663	827	873	689	534	533	438	417	345	354
Philadelphia	114	105	136	193	171	153	114	110	125	101	90	84
Chicago	178	224	378	657	663	437	258	219	161	104	80	73
San Francisco	72	68	77	75	63	62	57	64	51	46	45	45
Receipts, 1933:												
Boston	92	98	145	207	175	141	132	91	58	68	58	65
New York	593	491	769	934	1,021	710	588	493	369	352	269	296
Philadelphia	120	118	161	183	181	137	113	105	120	97	88	107
Chicago	189	220	491	881	1,049	524	260	206	133	76	37	60
San Francisco	57	52	73	76	76	63	59	58	53	58	61	62

Source of tables 577 and 578: Bureau of Agricultural Economics, Department of Agriculture.

No. 579.—COLD-STORAGE HOLDINGS OF ANIMAL PRODUCTS AND FROZEN FISH

NOTE.—All figures are in t[illegible] ll eggs and total meats, which are in thousands of 30-dozen cases and n[illegible] Quantities are net weights and are as of 1st of each month. Beef and [illegible] ed, and in process of cure

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1929	43,783	24,747	11,910	5,532	5,883	28,369	91,962	151,621	168,952	158,541	138,405	111,650
1930	81,935	60,230	46,530	30,556	22,957	50,378	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88,012
1931	63,401	46,792	30,672	18,010	17,195	35,156	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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
American cheese:												
1929	68,075	57,764	49,546	45,105	42,032	47,641	62,737	79,907	86,558	84,815	78,058	71,065
1930	63,478	53,672	47,818	41,922	39,324	49,172	70,186	88,749	87,221	85,076	78,919	71,132
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	95,881	85,146
All varieties of cheese:												
1929	85,730	74,016	63,968	58,153	54,618	61,097	[illegible]					86,949
1930	80,623	69,223	61,891	55,343	53,025	68,127						87,171
1931	79,015	69,471	61,841	54,270	53,172	55,939						78,565
1932	78,318	70,682	60,962	54,021	50,764	52,118						73,916
1933	68,714	63,321	55,731	48,806	43,626	48,481						99,009
Shell eggs:												
1929	1,415	248	11	559	3,952	6,705	8,510	8,962	8,547	7,195	4,930	2,631
1930	704	139	84	2,231	5,766	9,178	10,743	11,198	10,375	9,174	6,785	4,154
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	700	2,982	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
Frozen eggs:[1]												
1929	56,181	48,055	38,250	34,918	51,825	71,560	84,766	91,488	86,693	81,541	70,331	61,772
1930	53,644	44,080	35,192	49,751	[illegible]						98,359	89,571
1931	83,184	75,685	73,889	78,051	[illegible]						94,816	86,407
1932	79,108	72,439	68,024	69,031	81,920	94,978	100,485	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
Frozen poultry:												
					52,901	41,643	42,001	40,896	49,010	61,976	86,873	115,876
					77,420	61,167	54,253	46,967	42,589	46,938	59,269	82,925
					45,920	35,348	32,762	36,438	43,056	56,215	65,668	89,971
					56,676	44,829	36,661	31,471	30,305	36,683	54,989	91,118
					45,824	38,131	42,705	44,970	47,789	50,177	59,528	91,211
Beef:												
1929	98,913	93,990	88,771	81,607	70,714	57,315	52,055	45,930	48,014	56,434	72,059	93,444
1930	103,883	99,020	95,598	88,743	80,620	71,556	66,891	64,591	59,755	60,023	63,862	73,392
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	30,653	30,538	35,136	41,823	48,446	51,198	59,233	70,010
Pork:												
1929	670,039	833,280	944,742	921,961	923,[illegible]							
	[illegible]											
	[illegible]											
	[illegible]										408,253	433,548	403,898
1933	490,850	575,084	609,321	610,240	630,360	670,553	760,730	808,322	756,701	630,437	493,308	529,454
All meats:												
1929	857	1,025	1,128	1,097	1,085	1,013	978	944	847	733	632	661
1930	820	880	977	933	881	835	839	811	699	592	497	566
1931	685	896	1,017	994	1,005	959	898	824	702	569	466	488
1932	684	797	939	906	901	892	810	722	650	566	510	483
1933	579	664	693	688	708	754	863	926	879	748	605	657
Frozen fish:[2]												
1929	62,375	48,364	37,744	31,687	30,174	40,148	51,664	64,810	72,674	75,864	79,439	75,807
1930	62,417	49,012	35,581	25,357	34,139	47,632	64,877	78,993	85,358	88,603	91,872	85,323
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
Lard:												
1929	85,217	1[illegible]									99,845	68,517
1930	82,098										36,211	31,582
1931	51,434										39,766	34,824
1932	51,224	78,430	[illegible]							70,656	34,410	20,766
1933	41,088	52,841	[illegible]							192,081	133,693	116,077

[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. 580.—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 camel, Angora goat, alpaca, and other like animals

Yearly average or year	Production	Imports	Exports		Year	Production	Imports	Exports	
			U.S. production	Foreign				U.S. production	Foreign
1839	35,802	7,925	----	119	1906	298,915	196,844	351	4,412
1849	52,517	17,869	160	47	1907	298,295	188,306	86	3,109
1859	60,265	24,471	1,707	41	1908	311,138	142,559	169	6,985
1870	162,000	54,459	46	1,966	1909	328,111	312,131	46	1,084
1871–1880	186,275	67,789	158	4,099	1910	321,363	180,135	[2] 48	9,055
1881–1890	280,700	95,747	325	4,196	1911	318,548	155,923	([3])	3,511
1891–1895	309,409	156,736	1,596	3,726	1912	304,043	238,118	([3])	1,816
1896–1900	271,835	172,448	2,712	5,965	1913	296,175	151,814	[2] 77	3,860
1901–1905	298,713	181,649	237	3,250	1914	290,192	256,501	[2] 335	6,342
1906–1910	311,564	203,995	140	4,929	1915	285,726	402,611	[2] 8,158	2,081
1911–1915	298,937	240,993	[1] 2,857	3,522	1916	288,490	442,650	3,919	2,128
1916–1920	292,205	399,980	3,568	4,276	1917	281,892	416,137	1,827	1,272
1921–1925	282,606	334,158	699	12,779	1918	298,870	447,426	407	452
1926–1930	363,855	248,762	300	6,664	1919	298,258	438,782	2,840	5,134
1891	285,000	139,318	122	2,720	1920	293,517	254,905	8,845	12,393
1892	294,000	167,784	230	3,315	1921	289,965	316,605	1,927	1,552
1893	348,538	111,752	229	6,778	1922	270,109	366,538	453	4,225
1894	325,211	115,837	1,694	2,801	1923	272,395	388,345	536	23,557
1895	294,297	248,989	5,707	3,015	1924	280,931	262,655	309	27,476
1896	272,475	159,776	8,483	6,512	1925	299,632	336,646	273	7,087
1897	259,153	356,839	1,055	2,184	1926	318,500	299,451	292	14,082
1898	266,721	99,350	91	4,592	1927	340,009	264,507	323	10,710
1899	272,191	105,868	3,511	13,492	1928	366,488	240,360	485	4,435
1900	288,637	139,908	422	3,046	1929	382,066	277,214	239	2,380
1901	302,502	124,964	97	3,326	1930	412,211	162,482	162	1,715
1902	316,341	176,293	446	3,212	1931	438,328	157,800	274	1,089
1903	287,450	173,594	384	3,267	1932	412,450	56,810	179	3,593
1904	291,783	186,573	184	2,165	1933	428,930	174,287	19	478
1905	295,488	246,821	72	4,278					

[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.

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. 581.—WOOL: Prices, Value of Imports, and Receipts at Boston

	1910–1913, average	1914–1920, average	1921–1925, average	1926–1930, average	1930	1931	1932	1933
Prices (cents per pound):								
Average United States farm price, unwashed	18	38	32	30	20	14	9	19
Ohio and Pennsylvania, fine clothing, unwashed, at Boston	23	46	44	35	24	21	15	28
Territory, fine staple scoured, at Boston	60	127	126	103	76	63	47	67
Value of United States imports (thous. of dollars):								
Clothing [1]	15,659	140,084	17,137	6,050	3,841	1,528	743	810
Combing [1]	3,994	5,901	53,317	36,231	13,343	6,140	1,577	7,156
Carpet	13,540	25,380	29,675	34,300	18,993	14,354	3,602	12,740
Receipts at Boston (thousands of pounds):								
Total	290,150	424,336	364,125	322,111	312,758	300,087	230,173	317,754
Domestic	206,047	184,380	162,099	210,240	246,245	253,796	212,617	267,929
Foreign	84,103	239,956	202,026	111,871	66,513	46,291	17,556	49,825

[1] Owing to changes in tariff laws in 1922 much wool which was formerly brought in as "clothing" now comes in under "combing" classification.

Sources: Prices and receipts, Bureau of Agricultural Economics, Department of Agriculture; imports, Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 582.—WOOL: Estimated Production and Weight Per Fleece

Note.—Only States with a production in 1933 of over 2,500,000 pounds are shown separately

State	Production in thousands of pounds								Average weight per fleece [1] (pounds) 1933
	1926	1927	1928	1929	1930	1931	1932	1933	
United States	268,900	289,909	314,588	327,566	350,311	372,228	345,350	364,730	8.15
New York	3,081	3,212	3,096	3,096	3,110	3,008	2,736	2,701	7.3
Pennsylvania	2,730	2,730	2,898	2,982	3,108	3,248	3,270	3,411	7.4
Ohio	14,760	15,662	14,776	14,661	15,066	15,453	15,455	15,810	8.2
Indiana	3,715	3,922	4,402	4,500	4,752	4,980	4,782	4,599	7.3
Illinois	3,794	4,186	4,166	4,514	4,815	4,843	4,559	5,749	7.0
Michigan	7,600	8,446	8,774	8,480	8,400	8,526	8,282	7,840	8.0
Wisconsin	2,475	2,774	2,888	2,888	3,225	3,205	3,145	2,774	7.3
Minnesota	3,634	4,211	4,700	5,372	6,115	6,591	6,638	6,814	7.7
Iowa	5,520	5,880	6,320	6,800	7,640	7,920	7,901	7,410	7.9
Missouri	5,500	5,505	5,686	6,699	6,865	7,304	7,048	7,351	6.6
North Dakota	2,772	3,654	4,250	5,287	6,264	7,012	7,636	7,056	8.4
South Dakota	4,772	5,418	6,149	7,003	7,794	8,820	8,768	9,200	8.0
Kansas	2,183	2,393	2,710	3,172	3,365	3,243	3,168	3,461	6.9
Nebraska	2,334	2,400	2,544	2,685	3,000	2,786	1,885	2,731	7.5
West Virginia	2,205	2,263	2,646	2,798	2,844	3,021	2,994	3,021	5.2
Kentucky	3,278	3,658	3,807	3,901	4,175	4,233	4,250	4,170	5.0
Texas	28,900	34,725	40,120	46,779	48,262	53,360	57,105	74,800	9.5
Montana	23,051	24,693	26,970	31,122	34,034	38,313	32,300	33,276	9.4
Idaho	15,798	15,555	17,425	18,156	18,156	19,419	16,500	17,372	8.6
Wyoming	22,338	26,460	27,900	26,502	29,702	36,000	31,513	29,808	9.2
Colorado	8,132	8,877	11,300	12,269	13,446	13,541	12,320	12,774	8.3
New Mexico	13,084	14,023	14,824	15,230	16,870	16,632	16,884	17,430	7.0
Arizona	6,283	6,200	5,978	5,820	5,640	5,520	5,220	4,988	5.8
Utah	20,093	20,915	23,004	20,655	24,440	23,940	18,160	17,630	8.6
Nevada	8,508	8,015	8,923	7,777	7,944	8,880	7,125	6,708	7.8
Washington	4,998	5,233	5,635	5,485	6,175	6,192	5,506	5,640	9.2
Oregon	18,321	18,128	20,332	19,531	21,375	22,000	17,982	18,105	8.5
California	22,657	23,996	25,084	25,730	25,779	26,095	24,219	24,032	7.7
Other States	6,384	6,775	7,221	7,672	7,950	5,357	7,999	8,069	4.9
Pulled wool [2]	49,600	50,100	51,900	54,500	61,900	66,100	67,100	64,200	

[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 per cent of all wool.

No. 583.—WOOL CONSUMED IN MANUFACTURES: 1928 to 1932

Note.—All figures in thousands of pounds. Data are as reported by over 400 [illegible] sent about 80 per cent of the industry. The figures include all wool in the [illegible] The grease equivalent of the totals shown below is as follows: 1928, 538,354,229; 1930, 430,104,000; 1931, 513,743,000; 1932, 385,521,000; 1933, 519,629,000.

Class and grade	1928	1929	1930	1931	1932	1933
Total	465,018	516,113	377,790	459,813	338,849	455,631
Domestic	271,215	283,622	233,759	319,746	266,470	333,578
Foreign	193,803	232,491	144,031	140,067	72,379	122,053
Combed:						
Domestic	200,152	219,706	186,989	269,613	219,554	276,505
Foreign	48,859	65,607	52,770	33,317	12,441	18,506
Carded:						
Domestic	71,063	63,916	46,761	50,133	46,916	57,075
Foreign	9,117	10,782	6,398	6,154	1,968	3,815
Combed and carded combined:						
Fine	118,099	142,278	135,212	155,058	121,647	162,994
One-half blood	61,535	64,285	54,726	70,238	56,035	64,548
Three-eighths blood	63,018	65,896	43,242	64,241	47,088	59,147
One-fourth blood	61,273	58,181	39,733	48,036	42,238	47,560
Low or Lincoln	25,266	29,371	20,015	21,644	13,871	21,650
Carpet	135,827	156,102	84,862	100,596	57,970	99,732

[1] Preliminary figures compiled from monthly reports.

Sources: Table 582, Bureau of Agricultural Economics, Department of Agriculture; Table 583, Bureau of the Census, Department of Commerce.

No. 584.—ANIMAL FOOD MANUFACTURING INDUSTRIES: CENSUS STATISTICS OF MATERIALS AND PRODUCTS

Product	Quantity (thousands of unit specified)				Value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
BUTTER, CHEESE, AND CONDENSED MILK							
Butter, cheese, condensed milk, etc., all industries [1]					1,011,740	1,039,550	659,812
Butter	Pound	1,564,227	1,617,344	1,655,905	695,625	706,449	440,954
Cheese, total	do	518,198	588,026	551,700	110,162	112,723	70,215
Cheese other than cottage, pot, and bakers'	do	449,444	487,200	451,215	104,220	103,291	62,948
Cottage, pot, and bakers'	do	68,754	100,826	100,485	5,942	9,432	7,267
Condensed and evaporated milk and buttermilk—							
Condensed milk, sweetened	do	378,687	532,727	398,560	34,251	42,917	23,913
Evaporated milk, unsweetened	do	1,605,573	1,642,214	1,551,353	129,866	126,202	90,063
Condensed and evaporated buttermilk	do	113,039	135,787	100,375	3,733	4,197	1,896
Powdered milk, cream, etc	do	183,336	288,592	371,414	19,737	24,480	16,306
Sugar of milk	do	5,406	7,102	7,510	644	686	706
Ice-cream mix	do	114,196	137,203	161,629	13,775	15,278	13,493
Dried casein	do	23,516	57,826	41,376	3,052	5,726	2,266
Other products	do	8,257	7,459	----------	895	892	----------
MEAT PACKING, WHOLESALE [2]							
Animals slaughtered:							
Cattle	Number	10,725	9,548	9,308	----------	----------	----------
Calves	do	5,477	5,209	5,504	----------	----------	----------
Sheep and lambs	do	14,389	15,689	20,445	----------	----------	----------
Hogs	do	47,492	53,702	49,425	----------	----------	----------
Other animals	do	----------	102	35	----------	----------	----------
All products, total value					3,057,218	3,434,654	2,180,823
Fresh meat:							
Beef	Pound	5,069,619	4,575,492	4,552,908	762,614	859,803	543,565
Veal	do	549,685	511,103	530,366	98,489	107,197	67,649
Mutton and lamb	do	547,473	601,719	771,578	130,283	145,416	116,747
Pork	do	3,110,253	3,571,277	3,407,078	517,863	603,537	403,901
Edible organs and other fresh meats	do	568,501	585,070	566,723	54,983	64,889	45,218
Cured meat:							
Beef	do	102,738	71,593	71,346	22,905	21,749	13,235
Pork	do	3,134,172	3,528,181	3,026,928	602,726	668,607	410,534
Cooked hams [3]	do	133,525	152,189	136,636	49,120	57,972	37,252
Canned meats and canned sausage	do	144,198	169,134	104,863	27,824	42,519	23,630
Sausage (not canned), meat puddings, head cheese, scrapple, etc. [4]	do	918,936	928,573	795,204	180,790	201,623	125,320
Sausage casings [4]	do	110,949	116,362	70,947	22,336	21,848	8,967
Lard	do	1,794,636	2,041,211	1,749,708	234,864	248,008	149,492
Oleo oil and stock	do	129,963	113,231	99,192	14,875	12,403	5,690
Fertilizer materials	Ton	176	135	115	7,768	6,230	2,883
Cattle hides	Pound	616,714	533,201	512,600	99,218	79,913	37,088
Calf skins	do	53,581	50,574	67,306	11,160	10,289	7,693
Sheep and lamb pelts	Number	8,961	10,458	14,889	15,964	18,378	8,391
All other skins	Pound	3,242	5,861	3,679	324	443	174
Wool [5]	do	30,439	35,907	43,930	18,478	19,874	12,547
All other products	----------	----------	----------	----------	184,632	243,866	160,247

[1] Includes besides production in the butter, cheese, and condensed milk industries, data for similar products produced in establishments classified in other industries.

[2] Data represent output of the meat-packing industry only and do not include meat products reported by establishments assigned to other industries.

[3] In addition cooked hams produced in other industries were reported for 1929 amounting to 13,124,000 pounds valued at $4,769,000 and for 1931, amounting to 26,206,000 pounds valued at $7,356,000.

[4] Value of total produ[illegible] puddings, etc., in all industries in 1929 was $290,479,000 and in 1931, [illegible] 32,616,000; 1931, $13,505,000.

[5] Wool detached from [illegible] only. For value of products of establishments engaged primarily [illegible]

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 464). Any exceptions are noted. For weights of the units of measurement for the principal products see Appendix, p. 772]

No. 585.—INDEX NUMBERS OF THE MASS OF CROP PRODUCTION

NOTE.—Average production of 1910–1914 equals 100. Production of wheat, corn, oats, barley, rye, buckwheat, potatoes, hay, tobacco, and cotton for each crop each year is multiplied by a constant price, and the aggregate is divided by the average aggregate of base years

Period or year	Production index	Year	Production index	Year	Production index	Year	Production index
1890–1894	62	1901	74	1912	110	1923	[1] 101
1895–1899	78	1902	91	1913	95	1924	[1] 104
1900–1904	84	1903	84	1914	107	1925	[1] 106
1905–1909	94	1904	92	1915	116	1926	[1] 106
1910–1914	100	1905	94	1916	100	1927	[1] 107
1915–1919	107	1906	99	1917	108	1928	[1] 112
1920–1925	103	1907	89	1918	107	1929	[1] 105
1926–1930	106	1908	94	1919	[1] 103	1930	[1] 99
1898	85	1909	94	1920	[1] 112	1931	[1] 108
1899	82	1910	97	1921	[1] 95	1932	105
1900	81	1911	91	1922	[1] 102	1933	86

[1] Production data revised to basis of decennial census.

No. 586.—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 1919–1928; for 1933, relative to the average of the years 1921–1930; data for the several States are weighted according to average crop values

Year	United States	North Atlantic	North Central	South Atlantic	South Central	Western
1915	108.0	98.9	114.4	99.6	103.8	102.1
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

No. 587.—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	1898	$9.00	1910	$15.53	1922	$18.15
1876–1880	11.89	1899	9.13	1911	15.36	1923	20.42
1881–1885	11.33	1900	10.31	1912	16.09	1924	22.81
1886–1890	9.97	1901	11.43	1913	16.49	1925	20.62
1891–1895	9.71	1902	12.07	1914	16.44	1926	17.94
1896–1900	9.09	1903	12.62	1915	17.18	1927	19.85
1901–1905	12.53	1904	13.26	1916	22.58	1928	19.36
1906–1910	15.01	1905	13.28	1917	33.27	1929	19.14
1911–1915	16.31	1906	13.46	1918	33.73	1930	13.29
1916–1920	29.00	1907	14.74	1919	33.77	1931	9.50
1921–1925	19.09	1908	15.32	1920	21.63	1932	6.48
1926–1930	17.92	1909	16.00	1921	13.43	1933	10.57

Source of Tables 585, 586, and 587: Bureau of Agricultural Economics, Department of Agriculture.

No. 588.—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	4,632,784	4,390,013	2,666,084	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	1,055,183	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	3,516	2,879	2,587	1,396	4,019	13,674	2,788
Millet seed				34	do		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	265,887
Cotton including cottonseed	24,275	32,044	33,740	43,228						824,696	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	463,219	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	4,057	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	29,714	19,230
Pecans					Pound	3,207	9,891	31,809	26,151	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 (6,086,176 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. 589.—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, cane (all), sugar beets, broomcorn, potatoes, 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	1931	1932	1933
United States	350,747	354,681	322,465	4,070,700	2,858,851	4,062,758
New England	3,568	3,568	3,549	84,376	74,576	99,355
Maine	1,322	1,325	1,314	23,357	22,235	38,931
New Hampshire	377	371	370	6,612	5,743	7,442
Vermont	1,068	1,075	1,069	17,735	16,552	18,937
Massachusetts	407	406	404	19,106	15,708	18,036
Rhode Island	47	48	50	1,630	1,450	1,793
Connecticut	348	343	343	16,436	12,888	14,216
Middle Atlantic	13,370	13,242	13,215	276,169	199,927	268,159
New York	6,487	6,450	6,455	123,601	91,380	119,150
New Jersey	667	663	663	31,237	26,871	33,665
Pennsylvania	6,216	6,128	6,098	121,331	81,676	115,344
East North Central	57,068	55,408	53,166	677,302	425,906	587,494
Ohio	9,973	9,428	9,336	143,345	73,182	112,476
Indiana	10,782	10,339	9,649	113,807	64,661	91,918
Illinois	19,317	18,801	17,426	202,562	117,241	158,653
Michigan	7,456	7,299	7,222	96,887	74,968	102,966
Wisconsin	9,540	9,539	9,533	120,701	95,854	121,481
West North Central	134,401	140,649	122,694	911,327	597,207	829,867
Minnesota	18,703	18,973	18,787	146,395	109,323	145,245
Iowa	22,297	22,397	21,741	222,071	123,177	214,492
Missouri	14,143	13,751	12,987	131,128	82,655	121,969
North Dakota	16,269	21,802	18,611	59,071	61,602	77,098
South Dakota	15,110	17,709	8,798	44,136	50,500	31,358
Nebraska	21,703	21,794	21,470	140,262	87,501	133,601
Kansas	26,177	24,223	20,300	168,264	82,449	106,104
South Atlantic	27,375	26,870	25,698	528,046	375,467	609,167
Delaware	381	377	372	7,818	5,469	7,311
Maryland	1,661	1,615	1,635	34,761	24,860	31,586
Virginia	3,838	3,572	3,685	76,567	46,331	81,461
West Virginia	1,450	1,414	1,429	27,016	17,869	25,645
North Carolina	6,033	5,913	5,922	132,090	104,167	192,595
South Carolina	4,348	4,351	3,956	70,857	51,822	86,347
Georgia	8,447	8,426	7,538	101,528	67,029	128,863
Florida	1,217	1,203	1,161	77,409	57,920	55,359
East South Central	25,780	25,381	22,974	367,198	260,035	397,157
Kentucky	5,399	5,126	4,990	92,717	67,902	94,585
Tennessee	6,100	6,044	5,712	88,805	63,413	101,091
Alabama	7,394	7,367	6,363	86,481	62,083	100,025
Mississippi	6,887	6,844	5,909	99,195	66,637	101,456
West South Central	58,842	56,270	48,963	598,778	431,261	642,048
Arkansas	6,607	6,613	5,979	107,199	68,651	97,933
Louisiana	4,143	3,969	3,448	72,929	54,556	67,982
Oklahoma	15,673	15,025	12,734	109,740	74,890	122,755
Texas	32,419	30,663	26,802	308,910	233,164	353,378
Mountain	19,636	21,980	21,323	217,858	170,049	223,928
Montana	4,979	7,575	6,896	54,654	41,033	43,459
Idaho	2,714	3,016	2,890	47,102	34,268	49,802
Wyoming	1,793	2,036	1,984	17,050	13,754	17,618
Colorado	6,592	5,769	6,110	60,124	38,362	58,050
New Mexico	1,723	1,574	1,451	19,716	9,878	17,025
Arizona	483	456	468	16,413	12,494	15,984
Utah	1,113	1,186	1,174	19,626	17,018	19,000
Nevada	240	368	351	3,173	3,242	2,990
Pacific	10,708	11,315	10,882	409,146	324,423	405,583
Washington	3,555	3,428	3,359	75,390	50,609	77,209
Oregon	2,528	2,731	2,677	43,041	34,556	51,297
California	4,625	5,156	4,846	290,715	239,258	277,077

[1] Based on Dec. 1 prices received by producers except for some early marketed crops for which prices for the marketing season is used.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 590.—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	[6] 84,823	84,253		[6] 120,851	1,635	1,348	[6] 35,801
1850	[6] 592,071	[6] 100,486	102,776		[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	20,080	2,269	2,094	142,000
1870	1,094,255	235,885	54,889		178,304	4,352	4,025	162,000
1875	1,321,069	292,136	83,861	[8] 224	172,480	4,632	4,303	181,000
1880	1,717,435	498,550	111,869	[8] 1,120	285,302	6,606	6,357	232,500
1885	1,936,176	357,112	150,195	1,344	302,754	6,576	6,369	308,000
1887	1,456,161	456,329	113,631	572	375,904	7,047	6,885	285,000
1888	1,987,790	415,868	124,733	4,168	344,756	6,938	6,924	269,000
1889	1,998,648	434,383	131,722	4,934	301,284	7,473	7,473	265,000
1890	1,460,406	378,097	136,800	7,748	497,170	8,653	8,562	276,000
1891	2,055,823	584,504	155,666	12,004	370,580	9,035	8,941	285,000
1892	1,713,688	527,987	237,547	27,084	498,456	6,700	6,658	294,000
1893	1,707,572	427,553	122,865	45,192	610,826	7,493	7,433	348,538
1894	1,339,680	516,485	109,821	45,006	729,394	9,901	10,026	325,211
1895	2,310,952	569,456	168,665	65,452	543,636	7,161	7,147	294,297
1896	2,503,484	544,193	96,886	84,080	644,176	8,533	8,516	272,475
1897	2,144,553	610,254	116,302	90,492	708,252	10,898	10,985	259,153
1898	2,261,119	772,163	136,991	*72,736*	*568,788*	*11,278*	*11,526*	*286,721*
1899	2,454,628	636,051	219,278	163,458	322,548	9,393	9,345	272,191
1900	2,505,148	602,708	253,139	172,164	623,772	10,102	10,123	288,637
1901	1,613,528	788,638	388,035	369,212	728,650	9,583	9,610	302,502
1902	2,619,499	724,808	319,293	436,812	745,806	10,588	10,631	316,341
1903	2,346,897	663,923	560,750	481,208	556,140	9,820	9,851	287,450
1904	2,528,662	596,911	586,005	484,226	829,990	*13,451*	*13,438*	*291,783*
1905	2,748,949	726,819	377,975	625,842	781,204	10,495	10,575	295,488
1906	2,897,662	756,775	495,976	967,224	544,320	12,983	13,274	298,915
1907	2,512,065	637,981	520,504	927,256	788,480	11,058	11,107	298,295
1908	2,544,957	644,656	608,060	851,768	828,800	13,086	13,242	311,138
1909	2,572,336	700,434	*572,421*	1,024,938	*663,452*	*10,073*	*10,005*	*328,111*
1910	2,886,260	635,121	680,839	1,020,344	710,080	11,568	11,609	321,363
1911	2,531,488	621,338	637,061	1,199,000	721,748	15,553	15,693	318,548
1912	3,124,746	730,267	695,950	1,385,112	325,147	13,489	13,703	304,043
1913	2,446,988	763,380	715,117	1,466,802	601,075	13,983	14,156	296,175
1914	2,672,804	891,017	656,922	1,444,108	493,240	15,906	16,135	290,192
1915	2,994,793	1,025,801	804,090	1,748,440	277,240	*11,068*	*11,192*	*285,726*
1916	2,566,927	636,318	1,135,037	1,641,314	621,799	11,364	11,450	288,490
1917	3,065,233	636,655	964,980	1,530,414	491,680	11,248	11,302	281,892
1918	2,502,665	921,438	1,072,397	1,521,900	568,800	11,906	12,041	298,870
1919	2,678,541	952,097	1,185,815	1,452,902	244,250	11,326	11,421	298,288
1920	3,070,604	843,277	1,434,678	2,178,000	352,228	13,271	13,440	293,517
1921	2,928,442	818,964	1,090,953	2,041,000	655,399	7,978	7,954	289,965
1922	2,707,306	846,649	1,157,315	1,350,000	591,470	9,729	9,762	270,109
1923	2,875,292	759,482	923,285	1,762,000	329,646	10,171	10,140	272,395
1924	2,298,071	840,091	905,368	2,180,000	[9] 176,965	13,639	13,628	280,931
1925	2,853,083	669,142	909,341	1,826,000	[9] 278,763	16,123	16,104	299,632
1926	2,574,511	833,544	1,150,426	1,794,000	[9] 94,332	*17,755*	*17,977*	*318,500*
1927	2,677,671	874,733	1,233,954	2,186,000	[9] 141,587	12,783	12,956	340,009
1928	2,714,535	912,961	1,206,510	2,122,000	[9] 264,107	14,297	14,478	366,488
1929	2,535,546	822,180	1,127,898	2,036,000	[9] 399,217	14,548	14,825	382,066
1930	2,065,273	889,702	1,247,871	2,416,000	[9] 367,387	13,756	13,932	412,211
1931	2,588,509	932,221	*1,246,482*	2,312,000	[9] 313,234	16,629	17,096	438,328
1932	2,906,873	744,076	1,122,453	2,714,000	[9] 445,520	12,710	13,002	412,450
1933 [10]	2,330,237	527,413	989,425	3,284,000	[9] 410,000	12,664	13,047	428,930

[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 1898 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 production are preliminary.

Sources: Cotton, 1899 to date, Bureau of the Census, Department of Commerce; other figures, Bureau of Agricultural Economics, Department of Agriculture, except as noted.

No. 591.—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. 772. 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 Dec. 1 [1]	Yield per acre	Price, Dec. 1 [2]	Acreage harvested	Production	Farm value Dec. 1 [1]	Yield per acre	Price Dec. 1 [2]
	Corn					Wheat				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866-1875	37,216	969,948	454,535	26.1	46.9	20,470	244,672	257,587	12.0	105.3
1876-1885	61,671	1,564,992	617,780	25.4	39.5	34,433	425,054	391,105	12.3	92.0
1886-1895	74,274	1,769,616	648,785	23.8	36.7	37,500	476,788	321,071	12.7	67.3
1896-1900	90,589	2,373,786	669,420	26.2	28.2	48,989	633,074	415,922	12.9	65.7
1901-1905	93,545	2,371,507	1,046,632	25.4	44.1	50,194	700,220	501,277	14.0	71.6
1906-1910	97,327	2,682,656	1,367,068	27.6	51.0	45,766	674,993	579,535	14.7	85.9
1911-1915	105,672	2,754,164	1,644,511	26.1	59.7	51,910	806,361	705,890	15.5	87.5
1916-1920	105,199	2,776,794	3,104,945	26.4	111.8	58,528	797,957	1,555,782	13.6	195.0
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	866,624	882,660	14.4	101.9
1917	116,730	3,065,233	3,920,228	26.3	127.9	45,089	636,655	1,278,112	14.1	200.8
1918	104,467	2,502,665	3,416,240	24.0	136.5	59,181	921,438	1,881,826	15.6	204.2
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	101,359	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	1,014,623	14.7	121.7
1927	98,357	2,677,671	2,273,599	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	2,065,273	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	57,204	744,076	282,253	13.0	37.9
1933 (prel.)	102,239	2,330,237	945,963	22.8	40.6	47,493	527,413	385,365	11.1	73.1
	Oats					Rye				
1866-1875	9,680	272,993	102,423	28.2	37.5	1,347	18,267	14,559	13.6	79.7
1876-1885	17,143	469,856	152,594	27.4	32.5	1,892	24,625	15,540	13.0	63.1
1886-1895	27,482	717,266	207,143	26.1	28.9	2,188	27,975	15,278	12.8	54.6
1896-1900	29,319	850,734	195,750	29.0	23.0	2,074	31,272	14,142	15.1	45.2
1901-1905	30,953	960,080	310,961	31.0	32.4	2,077	33,064	19,091	15.9	57.7
1906-1910	34,741	989,171	386,508	28.5	39.1	2,182	35,617	24,723	16.3	69.4
1911-1915	38,703	1,230,499	473,133	31.8	38.5	2,494	41,399	31,903	16.6	77.1
1916-1920	42,352	1,386,719	886,634	32.7	63.9	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	41,564	31,170	12.3	75.0
1917	43,553	1,592,740	1,061,474	36.6	66.6	4,317	62,933	104,447	14.6	166.0
1918	44,349	1,538,124	1,090,322	34.7	70.9	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	429,354	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	457,766	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	41,425	1,246,658	195,290	30.1	15.7	3,344	40,639	11,198	12.2	27.6
1933 (prel.)	36,541	722,485	229,695	19.8	31.8	2,352	21,184	12,593	9.0	59.4

[1] Values are based on average prices for crop marketing season for years for which su[illegible]

[2] Received by producers. Beginning 1919, prices are weighted averages prices for [illegible] season.

No. 591.—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 Dec. 1 [1]	Yield per acre	Price Dec. 1 [3]	Acreage harvested	Production	Farm value Dec. 1 [1]	Yield per acre	Price Dec. 1 [3]
	Barley					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	1,196	26,992	21,382	22.6	79.2	730	13,369	9,735	18.3	72.8
1876–1885	2,102	47,029	28,687	22.4	61.0	799	11,616	7,510	14.5	64.7
1886–1895	3,490	79,646	37,464	22.8	47.0	879	12,854	7,031	14.6	54.7
1896–1900	4,315	103,038	37,908	23.9	36.8	821	14,367	6,720	17.5	46.8
1901–1905	5,520	150,046	64,820	27.2	43.2	859	15,670	9,343	18.2	59.6
1906–1910	7,281	181,788	99,631	25.0	54.8	859	16,543	11,313	19.3	68.4
1911–1915	7,474	197,211	114,389	26.4	58.0	808	16,514	12,127	20.4	73.4
1916–1920	8,090	190,484	188,733	23.5	99.1	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
1917	8,933	211,759	240,758	23.7	113.7	924	16,022	25,631	17.3	160.0
1918	9,740	256,225	234,942	26.3	91.7	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	118,355	23.5	61.4	742	12,559	10,950	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	8,890	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 (prel.)	10,052	156,104	65,103	15.5	41.7	462	7,844	4,292	17.0	54.7
	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	1,008	41,709	70,162	39.1	168.2	1,662	10,900	32,700	6.6	300.0
1921–1925	921	35,901	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	35,192	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	868	40,408	16,910	46.6	41.8	1,975	11,671	10,280	5.9	88.1
1933 (prel.)	769	35,619	27,765	46.3	77.9	1,283	6,785	10,797	5.3	159.1

[1] Values are based on average prices [illegible] uch prices are shown.
[3] Receiv [illegible] or [illegible] are weighted average prices for [illegible] or the crop-marketing season, for [illegible]

No. 591.—Summary for Principal Crops: Estimated Acreage, Yield, Production, Value, and Average Price Received by Producers—Continued

Yearly average or year	Potatoes: Acreage harvested	Potatoes: Production	Potatoes: Farm value Dec. 1 [1]	Potatoes: Yield per acre	Potatoes: Price Dec. 1 [4]	Sweetpotatoes: Acreage harvested	Sweetpotatoes: Production	Sweetpotatoes: Farm value Dec. 1 [1]	Sweetpotatoes: Yield per acre	Sweetpotatoes: Price Dec. 1 [4]
	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	1,261	117,266	62,754	93.0	53.5					
1876–1885	1,998	162,229	82,085	81.2	50.6					
1886–1895	2,653	197,285	92,938	74.4	47.1					
1896–1900	2,911	237,916	96,250	81.7	40.5					
1901–1905	3,104	277,150	155,388	89.3	56.1	545	47,730	27,943	87.6	58.5
1906–1910	3,502	340,045	196,904	97.1	57.9	600	54,563	36,457	90.9	66.8
1911–1915	3,689	362,910	219,137	98.4	60.4	629	60,257	42,525	95.8	70.6
1916–1920	3,769	361,433	502,691	95.9	139.1	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	364,006	115.0	102.4	661	62,483	71,274	94.5	114.1
1917	4,384	442,108	542,774	100.8	122.8	919	83,822	92,916	91.2	110.8
1918	4,295	411,860	491,527	95.9	119.3	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	59,650	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	304,282	109.8	91.5	649	53,117	57,482	81.8	108.2
1931	3,366	372,994	173,150	110.8	46.4	785	63,043	45,688	80.3	72.5
1932	3,381	358,009	138,877	105.9	38.8	926	78,431	42,154	84.7	53.7
1933 (prel.)	3,184	317,143	261,634	99.6	82.5	761	65,073	43,686	85.5	67.1

Yearly average or year	Cotton (excluding linters) [5]: Acreage harvested	Production	Farm value Dec. 1	Yield per acre	Price Dec. 1 [4]	Cottonseed: Production	Farm value Dec. 1 [1]	Price Dec. 1 [4]
	1,000 acres	*1,000 bales* [6]	*1,000 dollars*	*Lbs.*	*Cents per pound*	*1,000 short tons*	*1,000 dollars*	*Dolls. 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	659,464	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	5,295	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	1,127,047	167.8	15.38	6,592	188,440	29.02
1917	32,245	11,284	1,529,862	167.4	27.12	5,012	331,407	66.12
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	1,121,210	192.8	12.47	7,989	172,131	21.55
1927	38,349	12,956	1,308,090	161.7	20.19	5,758	206,940	35.94
1928	42,432	14,477	1,302,040	163.3	17.99	6,434	226,841	35.26
1929	43,242	14,825	1,244,847	164.1	16.79	6,590	200,532	30.43
1930	42,454	13,932	659,047	157.0	9.46	6,190	135,755	21.93
1931	38,705	17,095	483,666	211.5	5.66	7,603	72,402	9.52
1932	35,939	13,001	424,600	173.3	6.52	5,783	59,881	10.35
1933 (prel.)	[7] 29,978	13,047	633,266	208.5	9.71	5,804	83,741	14.43

[1] Values are based [illegible] r crop [illegible] years for which such prices are shown.
[4] Received by [illegible] with [illegible] d [illegible] h 1908 for cotton, and with 1911 for cottonseed, prices are weighted average prices for [illegible] season.
[5] State production figures, which conform with census annual ginning enumerations, with allowance for cross 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.
[6] Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.
[7] Area in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

No. 591.—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 Dec. 1 [1]	Yield per acre	Price Dec. 1 [8]	Acreage harvested	Production	Farm value Dec. 1 [1]	Yield per acre	Price Dec. 1 [8]
	Beans, dry, edible					Peanuts (for nuts)				
	1,000 acres	*1,000 bags* [9]	*1,000 dollars* [10]	*Lbs.*	*Dollars per bag* [11]	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [11]
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	44,398	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
1922	1,129	7,901	42,984	699.8	5.82	1,005	633,114	33,353	630.0	5.3
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	629.0	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	15,872	645.8	1.5
1933 (prel.)	1,671	12,280	32,397	734.9	2.79	1,361	920,505	24,330	676.3	2.6
	Grain sorghums (kafirs, milo maize, feterita, etc.) for all purposes					Broomcorn				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel* [12]	*1,000 acres*	*1,000 short tons*	*1,000 dollars*	*Lbs.*	*Dolls. per ton* [12]
1916–1920	[13] 6,418	[13] 129,368	[13] 141,933	[13] 20.2	[13] 109.7	340	55	9,474	321.9	173.14
1921–1925	5,987	89,273	65,892	14.9	73.8	339	54	7,226	315.9	134.96
1926–1930	6,481	93,182	60,297	14.4	64.7	310	49	4,476	317.2	91.35
1922	5,496	75,530	66,898	13.7	87.3	275	38	8,376	278.1	219.27
1923	6,354	88,406	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	142.60
1926	6,440	101,502	55,007	15.8	54.2	319	55	4,325	342.7	79.07
1927	6,722	107,261	82,666	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 (prel.)	8,143	87,884	35,802	10.8	40.7	296	33	3,584	221.1	108.94
	Clover seed (red and alsike) [14]					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.*
1916–1920	947	1,592	24,584	1.68	15.44	30	32,143	10,326	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
1922	1,194	1,815	18,205	1.52	10.03	23	27,744	2,383	1,186	8.6
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	1,246	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	1,101	1,686	8,457	1.53	5.02	22	24,058	4,199	1,094	[15] 17.5
1933 (prel.)	1,006	1,400	7,515	1.39	5.37	26	36,440	11,059	1,375	[15] 30.3

[1] Values are based on average prices for crop marketing season for years for which such prices are shown.
[8] Received by producers. See also notes on prices for each crop.
[9] Bags of 100 pounds.
[10] 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.
[11] Nov. 15 prices, 1916 to 1918; beginning with 1919, weighted average prices for the crop marketing season, prices of beans being for cleaned beans.
[12] Nov. 15 prices, 1916 to 1924; Dec. 1 prices, 1925 and 1926; average prices for the crop marketing season, 1927 to 1932; Dec. 1 price, 1933.
[13] Average for 1919 and 1920.
[14] Includes sweet clover prior to 1924. Prices for 1916 to 1924 are as of Nov. 15; 1925 to 1928, Dec. 1; 1929 to 1933, weighted average prices for the crop marketing season.
[15] Average price for the crop marketing season.

No. 591.—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 Dec. 1 [1]	Yield per acre	Price Dec. 1
	Hay (tame)				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton*
1866–1875	20,419	24,929	286,821	1.22	11.51
1876–1885	31,124	38,723	352,577	1.24	9.11
1886–1895	40,127	47,401	420,673	1.18	8.87
1896–1900	42,126	58,142	453,405	1.38	7.80
1901–1905	43,813	66,287	606,797	1.51	9.15
1906–1910	50,048	72,161	777,730	1.44	10.78
1911–1915	49,395	69,543	826,282	1.41	11.88
1916–1920	55,894	80,783	1,377,605	1.45	17.05
1921–1925	57,713	74,877	995,248	1.30	13.29
1926–1930	54,563	72,678	902,585	1.33	12.42
1922	59,280	80,790	1,013,898	1.36	12.55
1923	57,717	75,286	1,061,570	1.30	14.10
1924	59,058	80,118	1,105,367	1.36	13.80
1925	56,064	67,155	936,812	1.22	13.95
1926	54,851	67,478	949,972	1.23	14.08
1927	56,930	83,648	945,361	1.47	11.30
1928	53,395	72,586	887,296	1.36	12.22
1929	55,017	76,110	928,063	1.38	12.19
1930	52,623	63,566	802,231	1.21	12.62
1931	54,136	65,341	590,255	1.21	9.03
1932	53,282	70,199	466,752	1.32	6.65
1933 (prel.)	53,829	65,852	533,589	1.22	8.10
	Wild hay				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars 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
1926–1930	13,635	11,489	87,755	.84	7.64
1926	13,337	8,971	90,062	.67	10.04
1927	14,535	15,010	98,397	1.03	6.59
1928	12,924	11,525	83,546	.89	7.25
1929	13,586	11,194	89,975	.82	8.04
1930	13,793	10,744	76,297	.78	7.10
1931	12,253	8,367	51,637	.68	6.17
1932	14,275	12,137	48,384	.85	3.99
1933 (prel.)	12,315	8,633	44,964	.70	5.21
	Cranberries (principal producing States)				
	1,000 acres	*1,000 barrels*	*1,000 dollars*	*Barrels*	*Dolls. per barrel*
1916–1920	24	414	3,980	17.3	9.61
1921–1925	27	549	5,749	20.3	10.47
1926–1930	28	580	6,517	20.7	11.24
1925	28	569	6,370	20.3	11.20
1926	28	744	5,623	26.1	7.56
1927	28	496	6,089	17.4	12.28
1928	29	551	7,997	19.3	14.51
1929	29	549	7,188	19.2	13.10
1930	28	560	5,688	20.2	10.15
1931	28	666	3,992	24.0	5.99
1932	28	565	4,029	20.4	[22] 7.13
1933 (prel.)	28	668	3,752	24.2	[22] 5.62

Yearly average or year	Acreage harvested	Production	Farm value Dec. 1 [1]	Yield per acre	Price Dec. 1
	Tobacco				
	1,000 acres	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [15]
1866–1875	434	308,325	27,721	710	9.0
1876–1885	640	470,525	36,564	735	7.8
1886–1895	683	488,937	39,426	716	8.1
1896–1900	924	665,828	[17] 45,064	721	[17] 6.8
1901–1905	938	750,049	55,653	800	7.4
1906–1910	1,031	851,433	84,458	826	9.9
1911–1915	1,210	983,723	101,889	813	10.4
1916–1920	1,694	1,359,009	316,781	802	23.3
1921–1925	1,653	1,279,550	247,642	774	19.4
1926–1930	1,830	1,411,697	250,982	771	17.8
1922	1,616	1,254,304	286,417	776	22.8
1923	1,855	1,517,583	288,102	818	19.0
1924	1,702	1,244,928	236,937	731	19.0
1925	1,751	1,376,008	230,642	786	16.8
1926	1,628	1,289,272	231,208	792	17.9
1927	1,556	1,211,311	250,462	778	20.7
1928	1,864	1,373,214	274,620	736	20.0
1929	1,988	1,537,313	286,152	774	18.6
1930	2,112	1,647,377	212,467	780	12.9
1931	2,014	1,607,484	131,498	798	8.2
1932	1,414	1,022,558	107,357	723	10.5
1933 (prel.)	1,754	1,396,174	180,647	796	12.9
	Sweet sorghum for forage and hay [18]				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dolls. per ton*
1916–1920					
1921–1925	2,089	3,640	34,281	1.74	9.42
1926–1930	2,026	3,583	31,008	1.77	8.65
1926	2,037	3,133	33,158	1.54	10.58
1927	2,366	4,994	38,413	2.11	7.69
1928	2,061	3,887	30,659	1.89	7.89
1929	1,850	3,209	28,603	1.73	8.91
1930	1,818	2,690	24,206	1.48	9.00
1931	2,333	3,553	20,283	1.52	5.71
1932	2,633	3,845	15,574	1.46	4.05
1933 (prel.)	3,363	4,800	24,764	1.43	5.16
	Oranges (two States) [19]				
		1,000 boxes [20]	*1,000 dollars*		*Dolls. per box* [21]
1916–1920		22,858	64,866		2.85
1921–1925		31,456	84,077		2.73
1926–1930		42,585	110,308		2.79
1925		34,544	100,070		2.90
1926		39,679	113,653		2.86
1927		32,670	126,707		3.88
1928		54,110	107,600		1.99
1929		31,787	113,872		3.58
1930		54,681	89,706		1.64
1931		49,120	65,408		1.33
1932		50,027	54,563		1.09
1933 (prel.)		49,141	54,898		1.12

[1] Values are based on average prices for [illegible] years for which such prices are shown.

[15] Beginning with 1919, prices are avera[illegible] keting season.

[17] 3-year average; no data for 1897 and [illegible].

[18] Not included in tame hay.

[19] Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well [illegible] de fruit which ripened on the trees but was destroyed prior to picking. For [illegible] e crop produced from the bloom of the year shown, fruiting through the winter [illegible] summer, being picked from Nov. 1 of the year shown to Oct. 31 of the follow- [illegible] er the latter date is included with the crop of the following year. For Florida, estimates include all fruit picked after about Sept. 1 of [illegible].

[20] Net content of boxes varies. In California, the approximate [illegible] lorida, 83 lbs.

[21] Season average prices, 1919 to 1932; season average prices to [illegible] 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.

[22] Average price for the crop marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 592.—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; cantaloupes, 60; cauliflower, 37; celery, 90 (¾ size crates); strawberries, 36 (24-quart crates). Number of pounds to the bushel—beans, snap, 24; beans, lima, 28; [illegible] 48; eggplant, 38; kale, 18; onions, 57; peas, 22; potatoes [illegible]. Number of pounds to a box of artichoke[s] in western c[rates] are of 2,000 pounds. Values are based on average seasonal farm prices.

Crop	Acreage					Production (thousands of units)	
	1930	1931	1932	1933	1933, leading States	Unit	1930
Artichokes	8,150	7,500	6,330	6,350	Calif.	Box	1,011
Asparagus	96,810	102,030	110,790	116,500	Calif., N.J.	Ton	125
Beans, lima	41,940	40,630	31,000	28,180	Va., N.J.	(1)	
Beans, snap	188,130	167,140	153,710	157,910	Fla., N.J.	Ton	[2] 213
Beets	20,650	15,720	13,710	14,440	Tex., N.J.	do	109
Cabbage	151,860	150,360	140,310	124,770	N.Y., Tex.	do	1,018
Cantaloupes	129,010	138,310	135,780	109,050	Calif., Colo.	Crate	15,823
Carrots	28,660	31,190	29,850	32,430	Calif., Tex.	Bushel	[2] 10,784
Cauliflower	28,410	29,360	31,800	30,150	Calif., N.Y.	Crate	6,030
Celery	33,340	32,950	35,600	31,250	Calif., Mich.	do	9,875
Corn, sweet [3]	399,560	379,730	187,430	221,090	Ill., Minn.	(1)	
Cucumbers	174,010	136,740	77,610	96,570	Mich., Tex.	Bushel	[2] 13,715
Eggplant	3,600	3,900	3,650	4,000	Fla., N.J.	do	798
Kale	1,800	2,400	1,800	1,800	Va.	do	738
Lettuce	173,350	175,430	163,650	139,110	Calif., Ariz.	Crate	19,770
Onions	83,210	77,630	91,670	78,250	Tex., N.Y.	Bushel	[2] 26,038
Peas, green	347,620	306,670	299,240	323,640	Wis., Calif.	(1)	
Peppermint, oil	57,060	42,640	27,720	22,850	Ind., Mich.	Pound	1,103
Peppers, green	16,570	18,100	17,270	17,590	Fla., N.J.	Bushel	3,650
Pimentos	8,940	6,740	8,910	5,350	Ga., Calif.	Ton	15
Potatoes, early Irish	325,200	346,800	275,400	252,600	Va., N.J.	Bushel	43,863
Spinach	55,740	56,840	54,450	74,070	Tex., Calif.	Ton	152
Strawberries	173,450	150,460	189,570	196,950	La., Tenn.	Crate	9,395
Tomatoes	562,370	454,760	437,410	412,880	Ind., Calif.	Ton	2,227
Watermelons	235,390	238,820	233,230	185,950	Ga., Tex.	Number	82,380

Crop	Production (thousands of units)—Contd.				Value (thousands of dollars)			
	1931	1932	1933	1933, leading States	1930	1931	1932	1933
Artichokes	818	570	743	Calif.	1,516	1,391	1,197	921
Asparagus	110	108	125	Calif., N.J.	15,669	13,859	10,275	9,840
Beans, lima				Va., N.J.	2,089	2,425	1,520	1,081
Beans, snap	[2] 185	[2] 180	[2] 184	Fla., N.J.	19,285	16,019	12,129	11,624
Beets	[2] 92	68	71	Tex., N.J.	2,046	1,109	889	1,024
Cabbage	[2] 1,017	[2] 987	[2] 723	N.Y., Wis.	19,478	9,327	11,168	12,531
Cantaloupes	[2] 17,817	[2] 17,021	[2] 12,762	Calif., Colo.	19,064	17,385	11,485	9,589
Carrots	[2] 12,314	[2] 10,815	10,565	Calif., Tex.	6,211	5,102	6,316	4,984
Cauliflower	7,194	[2] 7,730	[2] 7,162	Calif., N.Y.	5,130	5,554	4,766	4,321
Celery	9,204	[2] 9,894	[2] 8,624	Calif., Mich.	15,742	16,904	11,296	10,681
Corn, sweet				Minn., Ill.	10,254	9,692	4,026	4,513
Cucumbers	[2] 10,726	[2] 5,207	6,537	Mich., N.J.	11,008	7,675	3,246	3,908
Eggplant	811	809	910	Fla., N.J.	714	601	520	488
Kale	480	1,080	900	Va.	295	240	216	315
Lettuce	19,609	[2] 17,820	17,149	Calif., Ariz.	33,889	28,944	21,729	21,940
Onions	[2] 19,163	[2] 27,906	20,802	N.Y., Tex.	13,220	14,490	10,435	12,611
Peas, green				Calif., Wis.	23,706	16,602	13,996	13,498
Peppermint, oil	683	421	503	Ind., Mich.	2,124	810	599	997
Peppers, green	4,376	3,894	4,227	Fla., N.J.	3,911	3,348	2,761	2,040
Pimentos	9	15	7	Ga., Calif.	578	300	477	214
Potatoes, early Irish	46,072	33,320	30,791	Va., N.J.	49,149	29,088	19,578	31,552
Spinach	170	139	151	Tex., Calif.	6,649	5,765	5,743	4,678
Strawberries	11,156	[2] 13,369	[2] 12,718	La., Tenn.	38,042	36,988	24,549	20,970
Tomatoes	1,445	1,693	1,427	Ind., Calif.	53,683	29,852	30,413	29,245
Watermelons	75,509	60,623	49,983	Ga., Calif.	8,934	7,344	4,162	4,634

[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. 593.—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. Yield [illegible] averages of the figures for the individual years. Tons are of 2,00[illegible] per acre for all years have been revised by the Department of Agriculture [illegible] 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	728,937	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	1,127,047	168	15.38	6,592	188,440	29.02	1,315,487
1928	42,432	14,477	1,302,040	163	17.99	6,434	226,841	35.26	1,528,881
1929	43,242	14,825	1,244,847	164	16.79	6,590	200,532	30.43	1,445,379
1930	42,454	13,932	659,047	157	9.46	6,190	135,755	21.93	794,802
1931	38,705	17,095	483,666	212	5.66	7,603	72,402	9.52	556,068
1932	35,939	13,001	424,000	173	6.52	5,783	59,881	10.35	483,881
1933 [2]	[3] 29,978	13,047	633,266	209	9.71	5,804	83,741	14.43	717,007
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	804	95,312	146	22.47	384	13,576	36.17	108,888
1926–1930	3,438	1,319	97,728	183	15.20	586	16,896	29.59	114,624
1928	3,437	1,107	99,827	154	18.04	491	18,216	37.10	118,043
1929	3,555	1,337	110,657	180	16.55	594	17,998	30.30	128,655
1930	3,582	1,467	66,473	196	9.06	652	13,835	21.22	80,308
1931	3,271	1,415	39,894	207	5.64	629	6,391	10.16	46,285
1932	3,021	947	32,352	150	6.83	421	5,039	11.97	37,391
1933 [2]	2,378	969	49,424	195	10.2	431	6,909	16.03	56,333
Arizona:									
1917–1920	118	60	13,147	254	46.25	26	1,209	----------	14,356
1921–1925	132	79	10,728	278	28.45	35	1,124	32.10	11,852
1926–1930	189	134	12,434	338	18.73	60	1,451	24.62	13,885
1928	200	149	17,322	357	23.18	66	1,975	29.92	19,297
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 [2]	118	96	5,671	391	11.8	43	534	12.41	6,205
Arkansas:									
1911–1915	2,086	927	47,700	212	10.37	412	8,399	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	3,279	1,221	92,458	178	15.13	542	15,422	28.66	107,880
1928	3,313	1,246	112,886	180	18.12	554	20,027	36.15	132,913
1929	3,451	1,435	120,727	199	16.83	638	19,370	30.36	140,097
1930	3,514	874	39,521	119	9.04	388	8,226	21.20	47,747
1931	3,308	1,907	52,626	276	5.52	848	6,869	8.10	59,495
1932	3,366	1,317	42,870	187	6.51	585	5,990	10.24	48,860
1933 [2]	2,583	1,041	51,543	193	9.9	463	6,338	13.69	57,881
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
1928	218	172	16,302	378	18.93	76	2,345	30.86	18,647
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 [2]	208	217	11,287	500	10.4	97	1,215	12.53	12,502
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
1928	111	22	1,901	93	17.60	10	327	32.67	2,228
1929	122	33	2,798	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 [2]	94	28	1,277	141	9.2	12	173	14.43	1,450

[1] Weighted [illegible] ice for the crop marketing season. [2] Preliminary
[illegible], p. 602.

No. 593.—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 [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*
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	97,402	187	15.43	582	16,706	29.78	114,108
1928	3,277	1,029	93,787	150	18.22	456	16,895	37.05	110,682
1929	3,378	1,343	111,708	190	16.64	596	16,557	27.78	128,265
1930	3,428	1,593	76,044	222	9.55	707	15,391	21.77	91,435
1931	3,096	1,393	40,596	215	5.83	618	6,749	10.92	47,345
1932	2,651	854	29,817	154	6.98	379	4,825	12.73	34,642
1933 [2]	2,147	1,105	53,569	246	9.7	490	7,575	17.50	62,144
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	53,521	191	15.19	319	8,594	27.44	62,115
1928	1,836	691	61,392	180	17.77	307	9,968	32.47	71,360
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	230	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 [2]	1,295	477	23,117	176	9.7	212	2,809	13.25	25,926
Mississippi:									
1911–1915	2,946	1,152	60,859	187	10.63	512	11,212	22.38	72,071
1916–1920	2,858	960	123,055	161	25.15	426	23,667	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
1928	3,875	1,475	135,025	182	18.31	655	24,857	37.95	159,882
1929	4,037	1,915	163,290	227	17.05	851	27,717	32.57	191,007
1930	4,142	1,464	71,605	169	9.78	650	14,534	22.36	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]	2,859	1,159	57,962	194	10.0	515	8,188	15.90	66,150
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	2,763	38.16	19,116
1926–1930	361	170	11,933	224	14.51	76	2,049	27.81	13,982
1928	339	147	12,979	207	17.67	65	2,015	31.00	14,994
1929	347	220	18,155	303	16.51	98	3,085	31.48	21,240
1930	374	151	6,551	193	8.68	67	1,378	20.57	7,929
1931	353	289	6,979	392	4.83	128	1,208	9.44	8,187
1932	418	316	9,316	362	5.89	141	1,373	9.74	10,689
1933 [2]	356	253	11,513	340	9.1	112	1,297	11.58	12,810
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
1928	122	88	8,333	345	18.93	39	1,255	32.19	9,588
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 [2]	96	94	4,604	468	9.8	42	478	11.39	5,082
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
1928	1,620	832	76,925	245	18.49	369	14,310	38.78	91,235
1929	1,635	743	61,806	217	16.63	329	9,446	28.71	71,252
1930	1,448	771	36,897	254	9.55	342	7,500	21.93	44,397
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 [2]	1,090	684	35,909	300	10.5	304	4,925	16.20	40,834

[1] Weighted average price for the crop marketing season.
[2] Preliminary.

No. 593.—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 [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*
Oklahoma:									
1911–1915	2,721	957	46,122	170	9.96	425	7,835	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
1928	4,007	1,205	105,104	144	17.46	536	18,085	33.74	123,249
1929	4,114	1,143	91,927	133	16.09	508	15,692	30.89	107,619
1930	3,929	854	37,174	104	8.71	379	8,706	22.97	45,880
1931	3,376	1,261	31,906	179	5.06	561	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]	2,915	1,266	57,591	208	9.1	563	6,373	11.32	63,964
South Carolina:									
1911–1915	2,436	1,375	71,839	268	10.61	610	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
1928	2,051	726	66,614	169	18.35	322	12,513	38.86	79,127
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	206	7.21	318	3,940	12.39	29,760
1933 [2]	1,379	735	37,857	255	10.3	326	5,832	17.89	43,689
Tennessee:									
1911–1915	770	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	32,054	196	15.02	189	5,511	29.23	37,565
1928	1,040	428	38,331	197	17.90	190	7,127	37.51	45,458
1929	1,045	515	43,128	236	16.74	229	6,991	30.53	50,119
1930	1,126	377	17,018	160	9.04	167	3,490	20.90	20,508
1931	1,053	594	15,838	270	5.33	264	2,310	8.75	18,148
1932	1,062	479	14,695	216	6.14	213	2,160	10.14	16,855
1933 [2]	884	443	21,281	240	9.6	197	2,780	14.11	24,061
Texas:									
1911–1915	11,458	4,180	213,039	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
1928	16,887	5,105	450,300	145	17.64	2,274	75,952	33.40	526,252
1929	16,875	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 [2]	11,488	4,428	208,114	185	9.4	1,973	26,951	13.66	235,065
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
1928	77	48	4,325	297	17.98	21	861	41.00	5,186
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	1,293	317	5.59	21	216	10.28	1,514
1932	70	34	1,097	233	6.42	15	164	10.91	1,261
1933 [2]	65	37	1,832	275	9.8	17	272	16.02	2,104
Other States:									
1926–1930	25	9	670	180	14.90	4	114	----------	784
1928	22	7	627	152	17.87	3	113	36.45	740
1929	19	9	754	227	16.68	4	123	30.75	877
1930	19	7	308	173	8.97	3	65	20.97	373
1931	16	12	322	363	5.30	5	50	9.26	372
1932	20	16	486	394	6.07	7	72	10.24	558
1933 [2]	23	15	715	311	9.5	7	92	12.99	807

[1] Weighted average price for the crop marketing season.
[2] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 594.—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			Production			Yield per acre			Farm value [2]		Price received by producers, 1933 [3]
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*Bus.*	*Bus.*	*Bus.*	*1,000 dolls.*	*1,000 dolls.*	*Cts. per bu.*
United States	105,948	108,668	102,239	2,598,509	2,906,873	2,330,237	24.4	26.8	22.8	925,277	945,963	41
New England	187	195	196	8,207	7,979	7,814	43.9	40.9	39.9	4,672	5,410	69
Maine	14	16	17	588	656	697	42.0	41.0	41.0	361	432	62
N. Hampshire	13	14	15	598	560	600	46.0	40.0	40.0	319	432	72
Vermont	64	64	63	2,944	2,624	2,520	46.0	41.0	40.0	1,443	1,411	56
Massachusetts	37	38	38	1,591	1,520	1,520	43.0	40.0	40.0	897	1,216	80
Rhode Island	8	9	10	344	351	410	43.0	39.0	41.0	200	369	90
Connecticut	51	54	53	2,142	2,268	2,067	42.0	42.0	39.0	1,452	1,550	75
Middle Atlantic	2,004	2,003	2,013	91,810	73,770	74,118	45.8	36.8	36.8	36,482	40,846	55
New York	566	583	566	22,074	20,405	17,546	39.0	35.0	31.0	10,611	10,177	58
New Jersey	170	165	167	6,970	6,930	6,012	41.0	42.0	36.0	3,118	3,367	56
Pennsylvania	1,268	1,255	1,280	62,766	46,435	50,560	49.5	37.0	39.5	22,753	27,302	54
E. N. Central	21,341	21,016	19,549	797,558	825,252	583,643	37.4	39.3	29.9	240,480	220,017	38
Ohio	3,576	3,433	3,364	160,920	121,872	112,694	45.0	35.5	33.5	38,999	42,824	38
Indiana	4,734	4,639	4,268	184,626	173,962	125,905	39.0	37.5	29.5	45,230	44,067	35
Illinois	9,544	9,353	8,324	353,128	402,179	224,748	37.0	43.0	27.0	108,588	80,909	36
Michigan	1,407	1,407	1,365	40,944	46,431	42,315	29.1	33.0	31.0	18,572	19,465	46
Wisconsin	2,080	2,184	2,228	58,240	80,808	77,980	28.0	37.0	35.0	29,091	32,752	42
W. N. Central	45,742	47,706	44,132	1,011,928	1,393,502	1,099,933	22.1	29.2	24.9	391,857	362,382	33
Minnesota	4,896	4,945	4,846	115,056	180,492	142,957	23.5	36.5	29.5	60,538	45,746	32
Iowa	11,732	11,849	11,138	385,983	509,507	439,951	32.9	43.0	39.5	152,852	136,385	31
Missouri	6,472	6,472	6,019	177,980	197,396	141,446	27.5	30.5	23.5	53,297	56,578	40
N. Dakota	1,190	1,404	1,334	22,015	26,676	20,010	18.5	19.0	15.0	7,203	7,004	35
S. Dakota	4,837	5,080	3,370	25,152	73,941	40,440	5.2	14.7	12.0	18,485	14,154	35
Nebraska	10,042	10,644	10,431	170,714	269,293	234,698	17.0	25.3	22.5	72,709	72,756	31
Kansas	6,573	7,362	6,994	115,028	136,197	80,431	17.5	18.5	11.5	36,773	29,759	37
South Atlantic	10,983	11,158	11,118	194,965	155,896	180,177	17.8	14.0	16.2	78,597	112,040	62
Delaware	146	147	145	4,745	4,263	3,625	32.5	29.0	25.0	1,918	1,776	49
Maryland	545	548	560	20,710	16,440	14,000	38.0	30.0	25.0	7,234	7,140	51
Virginia	1,527	1,496	1,571	43,061	26,928	36,918	28.2	18.0	23.5	14,003	21,782	59
West Virginia	446	446	464	12,934	11,150	13,920	29.0	25.0	30.0	5,686	7,934	57
N. Carolina	2,345	2,322	2,392	48,072	34,830	44,252	20.5	15.0	18.5	18,808	29,649	67
S. Carolina	1,608	1,656	1,573	22,994	17,885	22,808	14.3	10.8	14.5	10,910	15,986	70
Georgia	3,672	3,856	3,740	36,720	38,560	39,270	10.0	10.0	10.5	17,352	24,347	62
Florida	674	687	673	5,729	5,840	5,384	8.5	8.5	8.0	2,686	3,446	64
E. S. Central	11,196	11,376	10,958	241,743	196,547	207,038	21.6	17.3	18.9	91,780	113,705	55
Kentucky	2,928	2,811	2,727	83,448	67,464	68,175	28.5	24.0	25.0	26,311	32,724	48
Tennessee	2,927	2,927	2,810	73,175	59,418	66,035	25.0	20.3	23.5	26,738	34,338	52
Alabama	3,042	3,224	3,031	42,588	37,076	36,978	14.0	11.5	12.2	21,133	24,775	67
Mississippi	2,299	2,414	2,390	42,532	32,589	35,850	18.5	13.5	15.0	17,598	21,868	61
W. S. Central	11,798	12,249	11,271	207,995	222,266	137,599	17.6	18.1	12.2	69,866	73,572	53
Arkansas	1,954	1,993	2,053	43,965	35,874	27,716	22.5	18.0	13.5	13,273	16,075	58
Louisiana	1,287	1,261	1,198	20,592	17,906	15,574	16.0	14.2	13.0	8,595	8,877	57
Oklahoma	3,321	3,288	2,598	51,808	65,760	19,485	15.6	20.0	7.5	15,125	8,963	46
Texas	5,236	5,707	5,422	91,630	102,726	74,824	17.5	18.0	13.8	32,872	39,657	53
Mountain	2,528	2,767	2,790	28,040	25,675	33,143	11.1	9.3	11.9	8,463	14,025	42
Montana	123	215	215	1,722	2,580	2,472	14.0	12.0	11.5	1,032	1,310	53
Idaho	42	55	50	1,512	2,255	1,950	36.0	41.0	39.0	812	1,053	54
Wyoming	190	228	219	1,900	2,052	2,080	10.0	9.0	9.5	616	770	37
Colorado	1,836	1,909	2,004	17,442	14,318	22,044	9.5	7.5	11.0	4,009	8,156	37
New Mexico	283	297	238	4,528	3,267	3,332	16.0	11.0	14.0	1,209	1,866	56
Arizona	36	41	41	576	615	738	16.0	15.0	18.0	424	509	69
Utah	16	20	21	320	540	483	20.0	27.0	23.0	329	328	68
Nevada	2	2	2	40	48	44	20.0	24.0	22.0	32	33	75
Pacific	189	198	212	5,963	5,986	6,772	31.6	30.2	31.9	3,081	3,986	59
Washington	37	38	41	1,369	1,311	1,558	37.0	34.5	38.0	590	826	53
Oregon	62	65	71	1,984	2,015	2,414	32.0	31.0	34.0	1,108	1,376	57
California	90	95	100	2,610	2,660	2,800	29.0	28.0	28.0	1,383	1,764	63

[1] Preliminary.
[2] Basis weighted average pric
[3] Weighted average price per

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 595.—WHEAT: Acreage, Production, and Farm Value, by States

Note.—Weight of a bushel of wheat, 60 pounds

Division and State	Acreage			Production			Yield per acre			Farm value [2]		Price received by producers, 1933 [3]
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	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	57,103	57,204	47,493	932,221	744,076	527,413	16.3	13.0	11.1	282,253	386,365	73
New England	3	3	5	65	66	120	21.7	22.0	24.0	50	155	129
Maine	2	3	5	44	66	120	22.0	22.0	24.0	50	155	129
Vermont	1	------	------	21	------	------	21.0	------	------	------	------	------
Middle Atlantic	1,169	1,147	1,156	26,621	18,559	21,285	22.8	16.2	18.4	10,640	18,252	86
New York	211	201	233	5,311	4,086	4,512	25.2	20.3	19.4	2,370	3,925	87
New Jersey	49	48	45	1,323	1,008	990	27.0	21.0	22.0	595	911	92
Pennsylvania	909	898	878	19,987	13,465	15,783	22.0	15.0	18.0	7,675	13,416	85
East South Central	6,263	5,517	6,027	162,238	99,816	99,787	25.9	18.1	16.6	44,516	82,148	82
Ohio	1,723	1,585	1,833	50,744	32,456	34,812	29.5	20.5	19.0	15,254	29,242	84
Indiana	1,725	1,468	1,551	44,544	23,502	22,484	25.8	16.0	14.5	10,106	18,887	84
Illinois	2,016	1,652	1,721	46,980	24,978	27,418	23.3	15.1	15.9	10,491	22,483	82
Michigan	711	702	818	18,426	16,771	13,457	25.9	23.9	16.5	7,547	10,227	76
Wisconsin	88	110	104	1,544	2,109	1,616	17.5	19.2	15.5	1,118	1,309	81
West North Central	29,311	30,378	23,228	423,014	352,922	194,679	14.4	11.6	8.4	124,919	139,662	72
Minnesota	1,224	1,462	1,629	18,011	20,839	16,665	14.7	14.3	10.2	9,169	11,999	72
Iowa	357	273	255	7,321	4,350	4,159	20.5	15.9	16.3	1,653	3,119	75
Missouri	1,596	1,404	1,331	31,913	15,733	16,639	20.0	11.2	12.5	6,451	13,311	80
North Dakota	6,295	10,639	9,554	40,216	110,396	65,386	6.4	10.4	6.8	39,743	43,809	67
South Dakota	2,796	3,958	1,248	16,718	53,468	5,120	6.0	13.5	4.1	18,179	3,277	64
Nebraska	3,420	2,277	2,437	56,943	27,958	29,206	16.6	12.3	12.0	10,065	20,444	70
Kansas	13,623	10,365	6,774	251,892	120,178	57,504	18.5	11.6	8.5	39,659	43,703	76
South Atlantic	1,652	1,684	1,678	33,206	18,412	21,463	20.1	10.9	12.8	10,966	20,120	94
Delaware	91	79	77	2,138	908	1,078	23.5	11.5	14.0	518	992	92
Maryland	404	380	395	9,696	4,940	6,320	24.0	13.0	16.0	2,618	5,688	90
Virginia	603	579	550	13,266	6,253	7,425	22.0	10.8	13.5	3,627	6,831	92
West Virginia	113	116	124	2,373	1,276	1,798	21.0	11.0	14.5	766	1,660	89
North Carolina	339	376	391	4,407	3,572	3,714	13.0	9.5	9.5	2,465	3,825	103
South Carolina	53	80	74	680	760	592	13.0	9.5	8.0	494	616	104
Georgia	49	74	67	637	703	536	13.0	9.5	8.0	478	568	106
East South Central	508	548	546	10,004	5,479	6,048	19.7	10.0	11.1	2,946	5,704	94
Kentucky	252	270	270	5,544	2,835	3,240	22.0	10.5	12.0	1,361	2,981	92
Tennessee	252	272	272	4,410	2,584	2,774	17.5	9.5	10.2	1,550	2,691	97
Alabama	4	6	4	50	60	34	12.5	10.0	8.5	35	32	95
West South Central	8,829	7,827	5,093	143,491	72,167	46,333	16.3	9.8	9.1	23,123	35,826	77
Arkansas	36	31	27	475	248	216	13.2	8.0	8.0	109	186	86
Oklahoma	4,407	3,966	3,093	74,919	43,626	33,095	17.0	11.0	10.7	13,960	25,483	77
Texas	4,386	3,830	1,973	68,097	28,293	13,022	15.5	8.5	6.6	9,054	10,157	78
Mountain	5,567	6,811	6,072	65,760	105,121	61,839	11.8	15.4	10.2	35,639	35,914	58
Montana	2,182	4,070	3,653	14,478	55,610	27,194	6.6	13.7	7.4	18,907	15,501	57
Idaho	981	1,192	1,075	17,577	30,656	19,365	17.9	25.7	18.0	9,503	10,457	54
Wyoming	240	277	234	2,192	3,102	2,138	9.1	11.2	9.1	962	1,197	56
Colorado	1,386	680	548	16,632	7,135	5,912	12.0	10.5	10.8	2,640	3,725	63
New Mexico	473	276	245	9,599	2,027	1,485	20.3	7.3	6.1	730	1,054	71
Arizona	24	38	46	672	798	1,288	28.0	21.0	28.0	439	1,030	80
Utah	257	260	254	4,291	5,332	4,079	16.7	20.5	16.1	2,186	2,651	65
Nevada	14	18	17	319	461	378	22.8	25.6	22.2	272	299	79
Pacific	3,811	3,789	3,688	67,822	71,534	75,859	17.8	18.9	20.6	29,454	47,584	63
Washington	2,348	2,203	2,136	42,597	40,348	46,249	18.1	18.3	21.7	15,332	27,287	59
Oregon	945	991	897	17,662	20,060	17,492	18.7	20.2	19.5	8,225	10,845	62
California	518	595	655	7,563	11,126	12,118	14.6	18.7	18.5	5,897	9,452	78

[1] Preliminary.
[2] Basis weighted average price for the crop-marketing season.
[3] Weighted average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 596.—OATS: Acreage, Production, and Farm Value, by States

Note.—Weight of a bushel of oats, 32 pounds

Division and State	Acreage			Production			Yield per acre			Farm value [2]		Price received by producers, 1933 [3]
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	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 bus.*
United States	40,084	41,425	36,541	1,126,913	1,246,658	732,485	28.1	30.1	19.8	195,290	229,695	32
New England	199	216	211	6,372	7,810	7,468	32.0	36.2	35.4	2,616	3,213	43
Maine	118	130	130	3,776	4,940	5,200	32.0	38.0	40.0	1,630	2,080	40
New Hampshire	6	8	6	228	312	228	38.0	39.0	38.0	115	123	54
Vermont	61	62	59	1,952	2,046	1,593	32.0	33.0	27.0	675	765	48
Massachusetts	4	5	5	132	165	150	33.0	33.0	30.0	61	84	56
Rhode Island	2	2	2	62	68	72	31.0	34.0	36.0	26	39	54
Connecticut	8	9	9	232	279	225	29.0	31.0	25.0	109	122	54
Middle Atlantic	1,860	1,848	1,788	54,072	51,891	36,783	29.1	28.1	21.7	15,059	16,856	43
New York	863	863	820	24,696	26,753	16,810	28.5	31.0	20.5	7,758	7,396	44
New Jersey	43	41	43	1,333	1,066	1,161	31.0	26.0	27.0	320	511	44
Pennsylvania	954	944	925	28,143	24,072	20,812	29.5	25.5	22.5	6,981	8,949	43
East North Central	11,849	11,863	10,541	385,617	395,456	220,348	32.5	33.3	20.9	62,995	70,241	32
Ohio	1,657	1,591	1,273	62,138	45,344	26,096	37.5	28.5	20.5	8,162	8,873	34
Indiana	1,946	1,965	1,651	60,715	58,950	28,067	31.2	30.0	17.0	8,253	8,420	30
Illinois	4,352	4,439	4,039	150,144	166,462	78,760	34.5	37.5	19.5	21,640	23,628	30
Michigan	1,435	1,335	1,121	43,768	36,045	23,541	30.5	27.0	21.0	7,209	8,239	35
Wisconsin	2,459	2,533	2,457	68,852	88,655	63,882	28.0	35.0	26.0	17,731	21,081	33
West North Central	10,789	21,101	18,520	498,416	647,245	340,366	25.2	30.7	18.4	83,159	93,672	28
Minnesota	4,575	4,575	4,484	123,525	164,700	95,406	27.0	36.0	21.5	21,411	26,030	27
Iowa	6,120	6,181	6,119	189,720	219,426	134,618	31.0	35.5	22.0	28,525	36,347	27
Missouri	1,979	1,939	1,764	53,433	36,841	32,634	27.0	19.0	18.5	6,631	10,443	32
North Dakota	1,498	2,004	1,703	18,276	42,084	22,139	12.2	21.0	13.0	3,872	5,313	24
South Dakota	1,745	2,321	696	20,068	75,432	5,220	11.5	32.5	7.5	7,543	1,409	27
Nebraska	2,311	2,473	2,226	49,686	74,190	23,373	21.5	30.0	10.5	9,645	6,077	26
Kansas	1,561	1,608	1,528	43,708	34,572	25,976	28.0	21.5	17.0	5,532	8,053	31
South Atlantic	1,323	1,344	1,222	32,316	27,215	23,485	24.7	20.2	19.2	9,337	13,061	56
Delaware	3	4	3	105	104	87	35.0	26.0	29.0	33	42	48
Maryland	67	57	50	2,010	1,425	1,100	30.0	25.0	22.0	428	451	41
Virginia	189	166	168	4,838	3,237	3,360	25.6	19.5	20.0	1,003	1,478	44
West Virginia	148	138	124	3,552	3,036	2,356	24.0	22.0	19.0	972	1,037	44
North Carolina	197	205	205	4,531	4,366	3,977	23.0	21.3	19.4	1,572	2,187	55
South Carolina	378	389	370	9,450	7,974	7,215	25.0	20.5	19.5	2,711	4,473	62
Georgia	332	378	295	7,968	6,993	5,310	24.0	18.5	18.0	2,587	3,345	63
Florida	9	7	7	162	80	80	18.0	11.5	11.5	31	48	60
East South Central	573	417	321	12,555	8,256	5,136	21.9	15.0	16.0	1,839	2,422	47
Kentucky	232	162	122	5,104	2,349	1,952	22.0	14.5	16.0	611	820	42
Tennessee	138	124	109	2,760	1,910	1,744	20.0	15.4	16.0	554	785	45
Alabama	153	99	69	3,366	1,485	1,104	22.0	15.0	16.0	505	629	57
Mississippi	50	32	21	1,325	512	336	26.5	16.0	16.0	169	188	56
West South Central	3,434	3,217	2,469	107,008	67,884	44,195	31.2	21.1	17.9	9,712	16,240	37
Arkansas	160	114	103	4,160	1,596	1,648	26.0	14.0	16.0	383	692	42
Louisiana	26	20	16	754	300	261	29.0	15.0	16.3	90	117	45
Oklahoma	1,516	1,334	1,161	43,206	24,012	21,478	28.5	18.0	18.5	3,362	7,732	36
Texas	1,732	1,749	1,189	58,888	41,976	20,808	34.0	24.0	17.5	5,877	7,699	37
Mountain	609	956	942	14,096	25,986	21,285	23.1	27.2	22.6	5,934	6,560	31
Montana	183	403	383	3,202	10,075	6,511	17.5	25.0	17.0	2,216	2,018	31
Idaho	106	148	142	2,862	5,476	4,544	27.0	37.0	32.0	1,095	1,318	29
Wyoming	83	154	151	1,784	3,465	3,246	21.5	22.5	21.5	866	1,039	32
Colorado	142	141	162	3,408	3,736	4,131	24.0	26.5	25.5	822	1,157	28
New Mexico	38	40	38	1,140	920	836	30.0	23.0	22.0	221	359	43
Arizona	12	13	13	360	364	377	30.0	28.0	29.0	124	170	45
Utah	43	54	50	1,290	1,836	1,550	30.0	34.0	31.0	551	465	30
Nevada	2	3	3	50	114	90	25.0	38.0	30.0	39	34	38
Pacific	448	463	527	16,151	16,915	21,421	36.1	36.5	40.6	4,699	7,430	35
Washington	158	166	179	7,742	8,300	9,487	49.0	50.0	53.0	2,158	3,226	34
Oregon	223	223	259	7,136	6,802	9,842	32.0	30.5	38.0	1,973	3,346	34
California	67	74	89	1,273	1,813	2,092	19.0	24.5	23.5	508	858	41

[1] Preliminary. [2] Basis weighted average price for the crop-marketing season.
[3] Weighted average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 597.—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			Production			Yield per acre			Farm value [2]		Price received by producers, 1933 [3]
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	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	11,424	13,346	10,052	198,543	302,042	156,104	17.4	22.6	15.5	66,394	65,103	42
New England	8	9	9	237	260	251	29.6	28.9	27.9	134	167	67
Maine	3	4	5	87	120	155	29.0	30.0	31.0	65	102	66
Vermont	5	5	4	150	140	96	30.0	28.0	24.0	69	65	68
Middle Atlantic	234	221	247	5,947	5,676	5,353	25.4	25.7	21.7	2,227	2,952	55
New York	173	151	165	4,325	3,926	3,300	25.0	26.0	20.0	1,492	1,782	54
New Jersey	1	1	1	32	25	28	32.0	25.0	28.0	11	16	56
Pennsylvania	60	69	81	1,590	1,725	2,025	26.5	25.0	25.0	724	1,154	57
East North Central	1,447	1,607	1,444	38,585	43,274	28,665	26.7	26.9	18.5	13,946	13,502	51
Ohio	96	90	44	2,640	1,890	660	27.5	21.0	15.0	472	297	45
Indiana	45	40	26	1,098	800	260	24.4	20.0	10.0	200	122	47
Illinois	297	371	319	8,613	10,574	4,785	29.0	28.5	15.0	2,961	2,249	47
Michigan	278	317	250	7,228	6,340	3,250	26.0	20.0	13.0	2,029	1,625	50
Wisconsin	731	789	805	19,006	23,670	17,710	26.0	30.0	22.0	8,284	9,209	52
West North Central	7,443	8,642	5,924	109,206	178,893	70,796	14.7	20.7	12.0	31,650	26,859	38
Minnesota	1,874	1,968	1,850	37,480	47,232	28,675	20.0	24.0	15.5	10,391	12,330	43
Iowa	521	604	532	13,546	15,100	8,512	26.0	25.0	16.0	3,473	3,575	42
Missouri	20	19	12	480	323	204	24.0	17.0	17.0	94	116	57
North Dakota	1,812	2,376	1,830	18,482	40,392	18,300	10.2	17.0	10.0	5,655	6,039	33
South Dakota	1,833	2,053	493	16,680	47,630	3,451	9.1	23.2	7.0	7,621	1,242	36
Nebraska	820	918	799	13,530	18,360	8,390	16.5	20.0	10.5	2,938	2,349	28
Kansas	563	704	408	9,008	9,856	3,264	16.0	14.0	8.0	1,478	1,208	37
South Atlantic	62	74	78	1,732	1,773	1,795	27.9	24.0	23.0	714	1,076	60
Maryland	16	21	23	528	609	598	33.0	29.0	26.0	225	293	49
Virginia	20	30	34	670	765	833	33.5	25.5	24.5	208	516	62
West Virginia	2	4	4	54	114	92	27.0	28.5	23.0	46	52	56
North Carolina	24	19	17	480	285	272	20.0	15.0	16.0	145	215	79
East South Central	29	30	33	742	524	654	25.6	17.5	19.8	225	409	63
Kentucky	12	10	12	360	200	276	30.0	20.0	23.0	76	160	58
Tennessee	17	20	21	382	324	378	22.5	16.2	18.0	149	249	66
West South Central	327	348	252	7,420	5,295	2,440	22.7	15.2	9.7	1,006	1,120	46
Oklahoma	106	138	80	2,226	1,725	720	21.0	12.5	9.0	328	346	48
Texas	221	210	172	5,194	3,570	1,720	23.5	17.0	10.0	678	774	45
Mountain	921	1,009	944	16,908	22,490	17,755	18.4	22.3	18.8	5,524	6,086	34
Montana	139	195	205	2,085	3,900	2,768	15.0	20.0	13.5	1,014	1,024	37
Idaho	148	163	143	3,848	5,868	4,147	26.0	36.0	29.0	1,408	1,451	35
Wyoming	98	127	91	1,715	2,540	1,729	17.5	20.0	19.0	660	640	37
Colorado	472	439	430	7,316	7,244	6,880	15.5	16.5	16.0	1,449	1,995	29
New Mexico	11	13	13	253	221	234	23.0	17.0	18.0	53	103	44
Arizona	10	21	20	320	735	700	32.0	35.0	35.0	265	336	48
Utah	38	44	37	1,216	1,716	1,147	32.0	39.0	31.0	566	447	39
Nevada	5	7	5	155	266	150	31.0	38.0	30.0	109	70	47
Pacific	953	1,406	1,121	17,766	43,857	30,395	18.6	31.2	27.1	10,988	12,952	43
Washington	59	64	74	1,770	1,920	2,590	30.0	30.0	35.0	634	1,062	41
Oregon	74	96	113	2,220	2,688	3,334	30.0	28.0	29.5	914	1,367	41
California	820	1,246	934	13,776	39,249	24,471	16.8	31.5	26.2	9,420	10,523	43

RICE (ROUGH)

United States	964	868	769	44,873	40,408	35,619	46.5	46.6	46.0	16,910	27,765	78
Arkansas	177	163	153	9,735	8,313	7,344	55.0	51.0	40.0	3,159	5,728	78
Louisiana	458	410	369	16,030	15,990	14,760	35.0	39.0	53.0	6,876	11,513	78
Texas	204	185	141	10,608	9,065	7,473	52.0	49.0	57.0	3,989	6,053	81
California	125	110	106	8,500	7,040	6,042	68.0	64.0	46.3	2,886	4,471	74

[1] Preliminary.

[2] For barley, basis weighted average pri[illegible] eason and for rice, basis average price for the crop-marketing season for 1932 and [illegible] for rice, Dec. 1 price.

[3] For barley, weighted average price for [illegible]

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 598.—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			Production			Yield per acre			Farm value [2]		Price received by producers, 1933 [3]
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	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	3,104	3,344	2,352	32,290	40,639	21,184	10.4	12.2	9.0	11,198	12,593	59
New York	20	18	16	340	279	240	17.0	15.5	15.0	126	178	74
New Jersey	21	22	22	357	374	352	17.0	17.0	16.0	172	268	76
Pennsylvania	135	124	119	2,025	1,550	1,606	15.0	12.5	13.5	698	1,076	67
Ohio	74	44	55	1,332	572	688	18.0	13.0	12.5	183	468	68
Indiana	113	89	89	1,638	1,024	890	14.5	11.5	10.0	297	578	65
Illinois	64	45	50	992	562	625	15.5	12.5	12.5	163	412	66
Michigan	158	158	125	2,133	2,133	1,312	13.5	13.5	10.5	640	748	57
Wisconsin	175	254	226	2,188	3,048	2,260	12.5	12.0	10.0	1,036	1,333	59
Minnesota	365	310	291	5,475	4,960	3,638	15.0	16.0	12.5	1,438	2,037	56
Iowa	41	41	35	615	594	490	15.0	14.5	14.0	154	289	59
Missouri	28	12	11	336	90	82	12.0	7.5	7.5	34	63	77
North Dakota	814	1,099	571	4,884	12,089	3,712	6.0	11.0	6.5	2,660	1,819	49
South Dakota	352	475	190	2,464	7,125	760	7.0	15.0	4.0	1,496	380	50
Nebraska	333	283	214	2,997	2,830	1,712	9.0	10.0	8.0	679	839	49
Kansas	25	19	16	300	209	128	12.0	11.0	8.0	52	79	62
Delaware	7	7	5	122	88	52	17.5	12.5	10.5	41	47	91
Maryland	21	19	17	378	228	221	18.0	12.0	13.0	98	175	79
Virginia	70	53	55	1,141	530	578	16.3	10.0	10.5	270	486	84
West Virginia	16	15	12	259	128	144	16.2	8.5	12.0	65	105	73
North Carolina	64	64	60	576	512	420	9.0	8.0	7.0	312	403	96
South Carolina	8	9	7	76	72	49	9.5	8.0	7.0	51	59	120
Georgia	13	14	13	110	88	72	8.5	6.3	5.5	61	73	102
Kentucky	24	13	12	360	117	132	15.0	9.0	11.0	51	107	81
Tennessee	22	19	16	176	114	104	8.0	6.0	6.5	63	94	90
Oklahoma	9	6	5	117	60	38	13.0	10.0	7.5	16	27	72
Texas	3	3	2	40	27	12	13.5	9.0	6.0	7	9	71
Montana	20	40	38	90	520	266	4.5	13.0	7.0	94	106	40
Idaho	3	4	3	30	48	33	10.0	12.0	11.0	13	16	48
Wyoming	25	24	23	150	156	126	6.0	6.5	5.5	39	58	46
Colorado	53	25	18	371	150	117	7.0	6.0	6.5	34	56	48
Utah	3	3	3	15	24	21	5.0	8.0	7.0	11	13	63
Washington	10	12	12	75	96	84	7.5	8.0	7.0	38	51	61
Oregon	15	21	21	128	242	220	8.5	11.5	10.5	106	141	64

GRAIN SORGHUMS [4]

United States	7,166	7,864	8,143	105,369	106,306	87,884	14.7	13.5	10.8	20,349	35,802	41
Missouri	90	104	88	1,395	1,716	1,408	15.5	16.5	16.0	549	817	58
Nebraska	15	22	37	218	330	574	14.5	15.0	15.5	82	258	45
Kansas	1,107	1,328	1,607	17,158	17,264	16,070	15.5	13.0	10.0	3,108	5,946	37
Oklahoma	1,443	1,602	1,400	14,430	15,219	11,900	10.0	9.5	8.5	3,044	4,998	42
Texas	3,871	4,065	4,228	60,000	63,008	46,508	15.5	15.5	11.0	11,341	19,068	41
Colorado	191	206	284	2,101	1,236	2,130	11.0	6.0	7.5	198	746	35
New Mexico	356	392	372	7,832	3,763	5,208	22.0	9.6	14.0	602	1,927	37
Arizona	24	30	35	648	780	1,050	27.0	26.0	30.0	289	494	47
California	69	115	92	1,587	2,990	3,036	23.0	26.0	33.0	1,136	1,548	51

[1] Preliminary.
[2] Based on weighted average price for the crop-marketing season except value of grain sorghums for 1933 which is based on Dec. 1 prices.
[3] Weighted average price for the crop-marketing season for barley; 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. 599.—POTATOES: Acreage, Production, and Farm Value, by States

Note.—Weight of a bushel of potatoes, 60 pounds

Division and State	Acreage			Production			Yield per acre			Farm value [2]		Price received by producers, 1933 [3]
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	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	3,366	3,381	3,184	372,994	356,009	317,143	111	106	100	138,877	261,634	83
New England	239	221	203	55,868	48,350	50,165	234	219	247	14,642	38,447	77
Maine	186	170	150	47,988	40,460	42,000	258	238	280	10,115	29,400	70
New Hampshire	9	8	8	1,485	1,320	1,440	165	165	180	726	1,469	102
Vermont	17	16	15	2,550	2,320	1,950	150	145	130	1,090	1,872	96
Massachusetts	13	13	15	1,625	1,950	2,325	125	150	155	1,365	2,953	127
Rhode Island	2	2	2	300	320	370	150	160	185	237	548	148
Connecticut	12	12	13	1,920	1,980	2,080	160	165	160	1,109	2,205	106
Middle Atlantic	434	450	433	63,064	56,955	53,173	145	127	123	24,999	54,704	103
New York	202	210	200	28,684	28,350	24,600	142	135	123	11,340	24,108	98
New Jersey	41	45	44	7,831	7,155	7,216	191	159	164	3,363	9,453	131
Pennsylvania	191	195	189	26,549	21,450	21,357	139	110	113	10,296	21,143	99
East North Central	736	752	721	69,074	74,453	50,240	94	99	69	24,637	40,630	81
Ohio	110	117	112	11,220	11,583	8,064	102	99	72	6,139	9,354	116
Indiana	58	61	57	4,930	5,490	3,192	85	90	56	2,525	3,160	99
Illinois	50	54	48	4,250	4,860	1,584	85	90	33	2,770	2,487	157
Michigan	250	260	265	23,750	29,900	20,670	95	115	78	7,774	15,089	73
Wisconsin	268	260	239	24,924	22,620	16,730	93	87	70	5,429	10,540	63
West North Central	837	822	822	58,787	71,673	52,561	70	78	64	21,407	39,304	75
Minnesota	361	379	334	28,880	29,562	22,712	80	78	68	6,799	13,854	61
Iowa	70	74	75	3,850	8,140	5,100	55	110	68	3,175	5,253	103
Missouri	54	56	54	4,104	5,600	2,808	76	100	52	2,912	3,566	127
North Dakota	121	161	140	8,954	9,338	8,400	74	58	60	2,148	4,620	55
South Dakota	54	73	62	2,160	5,110	2,480	40	70	40	1,278	1,860	75
Nebraska	131	135	115	7,205	8,775	8,625	55	65	75	2,984	6,814	79
Kansas	46	44	42	3,634	5,148	2,436	79	117	58	2,111	3,337	137
South Atlantic	345	297	295	38,238	27,120	26,441	111	91	90	17,874	26,161	99
Delaware	5	6	6	540	516	444	108	86	74	273	466	105
Maryland	32	31	30	3,360	2,852	2,700	105	92	90	1,540	2,943	109
Virginia	118	94	93	14,278	9,682	8,649	121	103	93	5,906	9,081	105
West Virginia	40	41	37	3,200	3,485	2,331	80	85	63	1,980	2,634	113
North Carolina	79	68	77	8,532	6,590	7,315	108	97	95	4,485	6,364	87
South Carolina	25	17	16	3,500	1,445	1,744	140	85	109	1,272	1,570	90
Georgia	18	17	18	1,188	1,003	1,026	66	59	57	732	893	87
Florida	28	23	18	3,640	1,541	2,232	130	67	124	1,680	2,210	99
East South Central	165	163	164	12,095	11,741	10,964	73	72	66	8,493	10,812	99
Kentucky	55	60	62	3,960	4,620	4,092	72	77	66	2,957	4,747	116
Tennessee	57	53	57	3,363	3,657	3,762	59	69	66	2,743	3,574	95
Alabama	39	36	32	3,666	2,484	2,304	94	69	72	2,087	1,774	77
Mississippi	14	14	13	1,106	980	806	79	70	62	706	717	89
West South Central	200	181	173	15,167	12,049	11,118	76	67	64	8,465	9,599	86
Arkansas	43	37	39	3,655	2,627	2,613	85	71	67	1,681	2,273	87
Louisiana	48	40	41	3,600	2,160	2,337	75	54	57	1,814	1,893	81
Oklahoma	45	42	36	3,240	3,108	2,520	72	74	70	1,647	2,369	94
Texas	64	62	57	4,672	4,154	3,648	73	67	64	3,323	3,064	84
Mountain	257	230	260	41,206	37,859	40,746	144	135	157	10,040	25,493	63
Montana	19	22	23	1,615	2,244	1,955	85	102	85	898	1,466	75
Idaho	110	99	92	24,200	19,800	19,504	220	200	212	4,356	10,922	56
Wyoming	31	33	31	2,945	1,485	3,007	95	45	97	520	2,165	72
Colorado	101	100	87	9,595	11,000	13,050	95	110	150	2,860	8,352	64
New Mexico	5	6	8	385	510	640	77	85	80	408	678	106
Arizona	3	3	3	255	270	240	85	90	80	248	247	103
Utah	15	15	14	1,950	2,250	2,100	130	150	150	630	1,491	71
Nevada	3	2	2	261	300	250	87	150	125	120	172	69
Pacific	123	115	113	19,495	17,809	21,735	158	155	192	8,320	16,484	76
Washington	44	40	41	6,820	6,400	7,380	155	160	180	2,624	4,945	67
Oregon	42	42	39	5,460	5,040	6,435	130	120	165	2,066	4,569	71
California	37	33	33	7,215	6,369	7,920	195	193	240	3,630	6,970	88

[1] Preliminary. [2] Based on weighted average price for the crop-marketing season.
[3] Weighted average price for the crop-marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 600.—SWEETPOTATOES AND TOBACCO: Acreage, Production, and Farm Value, by States

SWEETPOTATOES

State	Acreage			Production			Yield per acre			Farm value [2]		Price received by producers, 1933
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [1]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*Bus.*	*Bus.*	*Bus.*	*1,000 dolls.*	*1,000 dolls.*	*Cts. per bu.* [3]
United States	785	926	761	63,043	78,431	65,073	80.3	84.7	85.5	42,154	43,686	67
New Jersey	13	12	11	1,950	1,560	1,925	150	130	175	1,061	1,424	74
Indiana	4	4	4	540	440	400	135	110	100	273	348	87
Illinois	6	7	6	612	735	420	102	105	70	316	353	84
Iowa	3	3	3	300	300	270	100	100	90	219	356	132
Missouri	10	10	10	900	900	750	90	90	75	468	608	81
Kansas	6	6	5	570	720	490	95	120	98	389	475	97
Delaware	8	7	7	1,400	805	910	175	115	130	362	564	62
Maryland	11	8	6	2,013	888	840	183	111	140	444	512	61
Virginia	38	38	35	4,750	3,610	3,885	125	95	111	1,516	2,448	63
North Carolina	80	94	85	6,560	7,990	7,905	82	85	93	4,075	5,692	72
South Carolina	53	66	56	3,180	6,072	4,648	60	92	83	2,732	2,975	64
Georgia	91	109	95	4,550	8,938	7,600	50	82	80	6,614	4,484	59
Florida	21	25	21	1,038	1,500	1,470	78	60	70	1,185	1,073	73
Kentucky	21	25	20	2,058	2,200	1,840	98	88	92	1,364	1,270	69
Tennessee	68	75	50	5,440	6,600	4,500	80	88	90	2,574	2,880	64
Alabama	78	101	76	5,070	8,585	5,396	65	85	71	6,010	4,101	76
Mississippi	63	79	63	5,544	7,900	5,670	88	100	90	4,187	3,515	62
Arkansas	32	38	28	2,024	2,660	2,380	82	70	85	1,277	1,404	59
Louisiana	72	84	74	5,400	5,544	5,180	75	66	70	2,550	3,263	63
Oklahoma	18	22	18	1,260	1,584	1,404	70	72	78	744	870	62
Texas	77	100	78	5,544	7,600	6,240	72	76	80	3,040	3,931	63
California	12	13	10	1,140	1,300	950	95	100	95	754	1,140	120

TOBACCO

	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Lbs.*	*Lbs.*	*Lbs.*	*1,000 dolls.*	*1,000 dolls.*	*Cts. per lb.*
United States	2,014.0	1,413.8	1,763.7	1,607,484	1,022,558	1,396,174	798.2	723.3	796.1	107,357	180,647	12.9
Massachusetts	7.6	5.6	3.6	10,085	8,232	5,051	1,327	1,470	1,403	1,077	1,066	21.1
Connecticut	22.5	15.4	11.6	29,250	22,090	15,683	1,300	1,435	1,352	4,143	4,037	25.7
New York	1.2	1.4	.6	1,560	1,400	720	1,300	1,000	1,200	49	29	4.0
Pennsylvania	40.9	42.1	25.3	57,678	40,316	26,563	1,410	1,100	1,050	2,401	1,455	5.5
Ohio	55.0	45.1	31.3	54,515	32,981	24,945	991	731	797	2,264	2,017	8.1
Indiana	21.1	13.7	17.0	19,299	10,057	12,920	915	734	760	993	988	7.6
Wisconsin	40.0	28.0	12.6	48,800	36,180	14,868	1,220	1,292	1,180	1,228	530	3.6
Minnesota	1.9	.6	.3	2,185	660	270	1,150	1,100	900	20	9	3.2
Missouri	8.0	8.2	9.0	7,000	8,405	8,325	950	1,025	925	1,177	999	12.0
Maryland	38.2	33.9	32.2	28,077	26,272	17,710	735	775	550	4,466	3,188	18.0
Virginia	151.0	91.0	122.0	102,435	55,616	90,725	678	611	744	4,746	12,200	13.4
West Virginia	7.0	3.7	6.7	5,180	2,312	4,958	740	625	740	328	595	12.0
North Carolina	698.0	470.0	673.0	479,395	293,694	518,522	687	625	770	35,273	83,553	16.1
South Carolina	102.0	68.0	101.0	69,972	39,236	85,850	686	577	850	4,904	10,817	12.6
Georgia	84.0	23.5	66.0	59,601	12,565	58,124	710	535	881	1,415	6,598	11.4
Florida	9.1	4.2	6.2	7,595	3,312	4,822	835	789	778	836	707	14.7
Kentucky	505.0	424.0	477.0	488,757	315,862	369,780	865	745	775	31,367	37,508	10.1
Tennessee	161.0	135.0	158.0	135,275	107,187	136,210	840	794	862	10,627	14,325	10.5
Louisiana	.5	.4	.3	225	172	128	450	430	425	43	26	20.0

[1] Preliminary.
[2] Basis average pric[illegible] for sweetpotatoes, weighted average.
[3] Weighted average [illegible]
[4] Average price for [illegible]

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 601.—TAME HAY: Acreage, Production, and Farm Value, by States

Division and State	Acreage			Production			Yield per acre			Farm value, Dec. 1		Price received by producers, Dec. 1, 1933
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [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*	*Dollars per ton*
United States	54,136	53,282	53,829	65,341	70,199	65,852	1.21	1.32	1.22	466,752	533,589	8.10
New England	2,831	2,833	2,835	3,385	2,965	2,893	1.20	1.05	1.02	35,037	39,142	13.53
Maine	962	966	966	947	804	804	.98	.83	.83	7,960	8,522	10.60
N. Hampshire	344	336	336	377	303	322	1.10	.90	.96	3,939	4,701	14.60
Vermont	907	916	916	1,213	1,104	962	1.34	1.21	1.05	10,819	12,987	13.50
Massachusetts	334	332	330	481	404	433	1.44	1.22	1.31	6,464	7,058	16.30
Rhode Island	34	34	35	44	41	44	1.29	1.21	1.26	726	757	17.20
Connecticut	250	249	252	323	309	328	1.29	1.24	1.30	5,129	5,117	15.60
Middle Atlantic	6,652	6,617	6,658	8,792	7,794	8,033	1.32	1.18	1.21	63,953	80,401	10.01
New York	3,990	3,990	4,030	5,286	4,871	4,576	1.32	1.22	1.14	35,071	43,472	9.50
New Jersey	207	202	202	352	318	350	1.70	1.57	1.73	4,134	4,305	12.30
Pennsylvania	2,455	2,425	2,424	3,154	2,605	3,107	1.28	1.07	1.28	24,748	32,624	10.50
E. N. Central	12,188	11,738	11,951	14,545	14,589	13,759	1.19	1.24	1.15	91,834	108,400	7.88
Ohio	2,519	2,383	2,468	3,196	2,496	2,378	1.27	1.05	.96	11,731	15,933	6.70
Indiana	1,765	1,704	1,703	2,031	2,208	1,813	1.15	1.25	1.06	11,040	13,598	7.50
Illinois	2,330	2,313	2,340	2,918	3,088	2,824	1.25	1.34	1.21	16,058	21,462	7.60
Michigan	2,394	2,397	2,491	2,543	3,164	3,059	1.06	1.32	1.23	17,402	20,189	6.60
Wisconsin	3,180	2,881	2,949	3,857	3,633	3,685	1.21	1.26	1.25	35,603	37,218	10.10
W. N. Central	14,392	13,480	14,246	14,776	18,309	15,981	1.03	1.36	1.12	96,187	97,697	6.11
Minnesota	2,536	2,566	2,706	2,756	3,672	3,130	1.09	1.43	1.16	22,399	21,910	7.00
Iowa	2,863	2,929	3,172	3,266	4,645	4,141	1.14	1.59	1.31	26,941	25,260	6.10
Missouri	3,042	2,847	2,797	3,035	2,572	2,547	1.00	.90	.91	14,146	17,829	7.00
North Dakota	1,771	1,366	1,281	1,274	1,615	919	.72	1.18	.72	6,460	4,503	4.90
South Dakota	1,425	1,015	1,277	759	1,045	778	.53	1.03	.61	4,441	4,668	6.00
Nebraska	1,661	1,680	1,871	2,093	2,960	2,858	1.26	1.76	1.53	13,320	13,718	4.80
Kansas	1,094	1,077	1,142	1,593	1,800	1,608	1.46	1.67	1.41	8,460	9,809	6.10
South Atlantic	3,749	3,862	3,704	3,514	3,168	3,474	.94	.82	.94	31,339	40,332	11.61
Delaware	63	73	73	106	114	122	1.68	1.56	1.67	1,060	1,305	10.70
Maryland	380	403	403	467	468	529	1.23	1.16	1.31	4,446	6,031	11.40
Virginia	940	832	875	1,039	757	992	1.11	.91	1.13	7,797	11,110	11.20
West Virginia	648	620	626	651	558	690	1.00	.90	1.10	5,636	7,728	13.20
North Carolina	721	737	680	667	541	553	.93	.73	.81	6,113	7,576	11.70
South Carolina	244	287	263	178	210	195	.73	.73	.74	2,100	2,438	12.50
Georgia	675	826	706	360	481	358	.53	.58	.51	3,848	3,759	10.50
Florida	78	84	78	46	39	35	.59	.46	.45	339	385	11.00
E. S. Central	3,287	3,296	3,184	3,274	3,012	3,101	1.00	.91	.97	23,829	29,648	9.56
Kentucky	1,175	1,165	1,178	1,231	1,180	1,260	1.05	1.01	1.07	9,086	11,340	9.00
Tennessee	1,220	1,187	1,175	1,159	1,039	1,132	.95	.88	.96	9,039	11,546	10.20
Alabama	572	626	516	444	424	346	.78	.68	.67	3,010	3,495	10.10
Mississippi	320	318	315	440	369	363	1.38	1.16	1.15	2,694	3,267	9.00
W. S. Central	1,728	1,782	1,749	2,154	2,170	2,006	1.25	1.22	1.15	12,403	16,115	8.03
Arkansas	574	544	609	706	561	709	1.23	1.03	1.16	3,703	6,381	9.00
Louisiana	166	170	176	274	221	198	1.65	1.30	1.12	1,503	1,584	8.00
Oklahoma	445	510	449	568	746	591	1.28	1.46	1.32	3,730	4,137	7.00
Texas	543	558	515	606	642	508	1.12	1.15	.99	3,467	4,013	7.90
Mountain	5,765	5,988	5,995	7,946	10,250	8,622	1.38	1.71	1.61	56,150	60,388	6.28
Montana	1,636	1,630	1,548	1,648	2,388	1,934	1.01	1.47	1.25	13,134	12,958	6.70
Idaho	1,029	1,102	1,086	2,080	2,673	2,329	2.02	2.43	2.14	11,227	14,673	6.30
Wyoming	766	828	874	788	1,005	1,023	1.03	1.21	1.17	6,130	6,956	6.80
Colorado	1,258	1,274	1,334	1,647	1,830	1,993	1.31	1.44	1.49	11,895	10,563	5.30
New Mexico	162	167	164	363	322	352	2.24	1.93	2.15	2,415	3,274	9.30
Arizona	127	137	139	366	363	380	2.88	2.65	2.73	2,323	2,660	7.00
Utah	610	650	643	831	1,268	1,249	1.36	1.95	1.94	7,101	7,494	6.00
Nevada	177	200	207	223	401	362	1.26	2.00	1.75	1,925	1,810	5.00
Pacific	3,544	3,686	3,509	6,955	7,942	6,983	1.96	2.15	1.99	56,040	61,466	8.80
Washington	845	848	822	1,738	1,717	1,443	2.06	2.02	1.76	12,362	15,296	10.60
Oregon	935	992	967	1,497	1,705	1,603	1.60	1.72	1.66	10,230	15,068	9.40
California	1,764	1,846	1,720	3,720	4,520	3,937	2.11	2.45	2.29	33,448	31,102	7.90

[1] Preliminary.
[2] Tons of 2,000 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 602.—WILD HAY: Acreage, Production, and Farm Value, by States

Division and State	Acreage			Production			Yield per acre			Farm value Dec. 1		Price received by producers, Dec. 1, 1933
	1931	1932	1933 [1]	1931	1932	1933 [1]	1931	1932	1933	1932	1933 [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	12,253	14,275	12,315	8,367	12,137	8,633	0.68	0.85	0.70	48,384	44,964	5.21
New England	26	26	26	25	23	22	.96	.88	.85	195	207	9.41
Maine	5	5	5	5	4	4	1.00	.90	.80	30	31	7.80
New Hampshire	4	4	4	4	3	3	.90	.80	.80	27	28	9.50
Vermont	6	6	6	5	6	5	.85	1.00	.80	38	42	8.40
Massachusetts	6	6	6	6	5	5	.97	.85	.90	48	50	10.00
Rhode Island	1	1	1	1	1	1	.80	.85	1.00	10	12	11.60
Connecticut	4	4	4	4	4	4	1.10	1.05	1.10	42	44	11.00
Middle Atlantic	63	64	60	69	62	63	1.10	.97	1.05	358	465	7.38
New York	38	40	38	42	40	36	1.10	1.00	.95	208	256	7.10
New Jersey	13	12	13	14	14	20	1.10	1.15	1.50	98	160	8.00
Pennsylvania	12	12	9	13	8	7	1.05	.70	.80	52	49	7.00
East North Central	383	407	404	377	421	430	.98	1.03	1.06	2,344	2,600	6.05
Ohio	5	4	3	4	3	2	.75	.70	.70	12	10	5.00
Indiana	8	8	9	7	8	8	.89	.95	.85	30	40	5.00
Illinois	16	16	21	14	14	17	.85	.90	.80	56	95	5.60
Michigan	30	29	31	37	28	29	.95	.95	.95	112	136	4.70
Wisconsin	315	350	340	315	368	374	1.00	1.05	1.10	2,134	2,319	6.20
West North Central	9,088	10,498	8,692	5,697	8,599	5,395	.63	.82	.62	31,032	25,326	4.69
Minnesota	1,776	1,865	1,772	1,332	1,865	1,240	.75	1.00	.70	7,646	6,324	5.10
Iowa	174	166	163	122	191	147	.70	1.15	.90	860	735	5.00
Missouri	130	144	141	130	144	106	1.00	1.00	.75	634	562	5.30
North Dakota	1,619	1,862	1,713	971	1,583	1,028	.60	.85	.60	5,303	4,832	4.70
South Dakota	1,769	2,512	1,256	884	1,633	628	.50	.65	.50	5,144	3,391	5.40
Nebraska	2,728	3,055	2,933	1,500	2,291	1,760	.55	.75	.60	8,591	7,392	4.20
Kansas	892	892	714	758	892	486	.85	1.00	.68	2,854	2,090	4.30
South Atlantic	79	69	74	74	55	66	.94	.80	.89	409	586	8.88
Delaware	2	3	3	3	3	3	1.50	1.00	1.15	10	18	6.00
Maryland	4	2	3	4	2	3	.90	.90	.85	13	21	7.00
Virginia	9	7	9	7	5	8	.80	.65	.90	35	64	8.00
West Virginia	6	5	5	5	4	5	.81	.90	.95	30	38	7.70
North Carolina	24	19	20	26	15	20	1.10	.80	1.00	132	220	11.00
South Carolina	11	11	12	9	7	8	.80	.60	.70	55	80	10.00
Georgia	19	18	18	17	16	17	.90	.90	.95	112	124	7.30
Florida	4	4	4	3	3	2	.70	.70	.60	22	21	10.40
East South Central	128	130	127	116	115	107	.91	.88	.84	687	742	6.93
Kentucky	10	10	7	10	10	7	.95	.95	1.00	58	42	6.00
Tennessee	38	40	40	30	29	30	.80	.73	.75	157	195	6.50
Alabama	42	42	42	34	38	32	.80	.90	.75	224	250	7.80
Mississippi	38	38	38	42	38	38	1.10	1.00	1.00	198	255	6.70
West South Central	894	922	862	795	799	697	.89	.87	.81	3,278	3,913	5.61
Arkansas	152	160	168	167	144	176	1.10	.90	1.05	648	1,056	6.00
Louisiana	26	26	26	30	20	31	1.15	.75	1.20	114	202	6.50
Oklahoma	511	531	451	424	451	316	.83	.85	.70	1,578	1,454	4.60
Texas	205	205	217	174	184	174	.85	.90	.80	938	1,201	6.90
Mountain	1,242	1,705	1,621	907	1,564	1,370	.73	.92	.85	7,617	7,942	5.80
Montana	402	700	665	281	595	499	.70	.85	.75	2,975	3,244	6.50
Idaho	78	101	96	78	152	96	1.00	1.50	1.00	509	461	4.80
Wyoming	263	300	276	132	225	166	.50	.75	.60	1,215	1,112	6.70
Colorado	362	366	373	290	329	410	.80	.90	1.10	1,777	2,132	5.20
New Mexico	23	23	23	21	17	17	.90	.75	.75	110	133	7.80
Arizona	12	10	10	13	10	9	1.10	1.00	.90	57	54	6.00
Utah	66	70	63	63	74	69	.95	1.05	1.10	326	338	4.90
Nevada	36	135	115	29	162	104	.80	1.20	.90	648	468	4.50
Pacific	350	456	449	307	499	483	.88	1.09	1.08	2,514	3,183	6.59
Washington	31	31	29	36	40	33	1.15	1.30	1.15	240	277	8.40
Oregon	222	289	298	189	289	328	.85	1.00	1.10	1,373	2,198	6.70
California	97	136	122	82	170	122	.85	1.25	1.00	901	708	5.80

[1] Preliminary.
[2] Tons of 2,000 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 603.—ORCHARD FRUITS: PRODUCTION AND VALUE

Crop	Unit	Production (thousands)				Value (thousands of dollars)[2]			
		1930	1931	1932	1933[1]	1930	1931	1932	1933[1]
Apples, total	Bu.	153,324	202,415	[3] 140,775	143,827	150,758	131,938	86,638	104,223
Commercial	Bbl.	33,529	34,592	28,592	25,744				
Peaches	Bu.	[3] 54,199	[3] 76,586	[3] 42,443	[3] 45,326	44,142	40,726	18,897	32,618
Pears	do.	[3] 25,633	[3] 23,346	[3] 22,050	[3] 21,192	18,292	13,667	7,627	10,252
Grapes	Ton.	[3] 2,441	[3] 1,622	[3] 2,204	[3] 1,809	44,817	36,100	26,983	32,114
Cherries (12 States)	do.	114	[3] 112	[3] 127	[3] 112	14,638	7,964	5,157	6,312
Plums and prunes, fresh (4 States)	do.	148	[3] 117	[3] 152	[3] 112	4,291	2,449	1,559	2,160
Prunes, dried (4 States)	do.	[3] 305	245	[3] 195	197	15,856	14,719	10,430	15,580
Oranges (7 States)	Box.	55,270	50,164	50,930	48,216	90,712	66,798	55,791	53,623
Grapefruit (4 States)	do.	18,934	15,371	15,469	12,689	22,848	16,259	12,878	12,303
Lemons (California)	do.	7,950	7,800	6,715	6,800	18,682	15,210	14,102	14,280

[1] Preliminary.
[2] Based on average price for the crop marketing season; for apples, weighted average; for oranges and grapefruit, see note 21, Table 591.
[3] Includes some quantities not harvested owing to market conditions; values computed on harvested crop.

No. 604.—APPLES, PEACHES, PEARS, AND GRAPES: PRODUCTION IN LEADING STATES

State	Apples (1,000 bushels)			Peaches (1,000 bushels)			Pears (1,000 bushels)			Grapes (tons of 2,000 pounds)		
	1931	1932	1933[1]	1931	1932	1933[1]	1931	1932	1933[1]	1931	1932	1933[1]
United States[2]	202,415	140,775	143,827	76,586	42,443	45,326	23,346	22,050	21,192	1,621,837	2,203,758	1,806,584
Maine	1,179	2,575	1,884				12	12	11	25	24	24
N. Hampshire	520	950	1,131	24	20	18	12	12	12	46	43	43
Vermont	800	1,090	1,027				10	11	7	42	42	31
Massachusetts	1,575	3,525	3,486	153	166	134	44	63	57	369	334	353
Rhode Island	270	375	350	40	44	26	7	10	8	250	237	207
Connecticut	615	1,420	1,184	210	215	172	18	28	20	1,243	1,226	1,240
New York	17,902	22,197	16,060	1,860	1,663	1,092	800	1,745	900	97,378	67,971	64,800
New Jersey	3,400	3,640	3,380	2,230	1,776	987	96	112	71	3,084	3,230	2,536
Pennsylvania	14,000	9,537	7,293	2,660	1,676	1,144	470	384	366	30,600	22,977	17,808
Ohio	14,600	5,145	4,380	2,220	814	456	505	313	336	31,000	30,705	27,412
Indiana	3,600	871	819	1,480	106	221	264	80	100	3,250	3,108	2,590
Illinois	8,265	2,300	2,112	4,300	188	1,522	760	71	320	6,800	6,000	5,936
Michigan	10,070	5,800	8,651	1,946	1,845	215	484	783	532	57,270	71,220	58,556
Wisconsin	1,827	1,914	1,938							380	396	357
Minnesota	1,180	660	960							310	327	307
Iowa	1,620	1,827	1,425	112	76	7	94	78	58	6,700	7,650	6,624
Missouri	5,412	928	3,132	1,500	102	204	500	51	146	10,400	9,717	9,880
Nebraska	500	627	370	50	58	4	35	38	17	2,520	2,960	1,824
Kansas	1,910	546	1,431	330	50	14	220	35	90	4,800	4,810	4,158
Delaware	1,800	1,096	932	500	227	205	38	35	20	1,989	2,352	2,448
Maryland	3,458	1,368	1,312	820	348	400	149	92	66	671	625	596
Virginia	21,117	7,830	10,900	1,600	324	990	510	87	270	1,970	1,488	1,656
West Virginia	12,954	4,191	4,200	1,030	143	396	129	23	57	1,304	1,008	990
N. Carolina	5,328	1,825	5,254	3,128	1,645	2,080	340	113	228	5,100	3,431	4,661
S. Carolina	320	164	270	1,840	792	1,633	119	54	94	1,033	750	958
Georgia	1,440	640	1,150	9,134	1,170	5,440	204	106	114	869	630	759
Florida				92	28	57	59	44	25	1,025	454	767
Kentucky	4,606	720	2,340	1,280	79	232	320	37	80	1,275	1,035	1,174
Tennessee	3,375	936	2,194	2,850	300	580	335	59	94	1,275	1,005	1,155
Alabama	1,100	252	648	1,530	221	908	360	132	132	720	509	625
Mississippi	260	51	174	1,060	132	494	260	107	85	281	178	231
Arkansas	3,124	1,368	1,925	3,000	352	672	200	34	58	10,440	12,936	12,120
Oklahoma	378	387	350	360	280	102	91	46	69	2,550	3,440	2,610
Texas	150	135	98	1,500	792	782	383	182	104	1,845	1,809	1,820
Montana	420	562	525									
Idaho	5,000	4,200	5,244	170	178	40	58	60	59	531	561	488
Colorado	2,000	2,139	1,454	1,130	1,201	578	525	377	271	280	462	400
New Mexico	1,082	726	285	101	44	13	55	44	9	1,058	1,050	768
Arizona	96	77	51	85	83	67	18	15	13	1,900	1,912	2,016
Utah	400	924	313	550	748	62	49	76	47	1,050	1,274	930
Washington	31,400	30,960	29,240	1,050	1,320	240	3,650	3,723	4,264	5,400	5,100	5,320
Oregon	4,150	4,950	4,095	220	348	227	1,995	2,808	2,738	2,670	2,640	2,205
California	9,112	9,045	9,672	24,127	22,794	22,752	9,084	9,917	9,209	1,320,000	1,926,000	1,559,000
Other States	100	302	179	314	95	160	84	53	35	134	132	133

[1] Preliminary.
[2] Production for California includes some quantities not harvested on account of market conditions as follows—Apples, 1932, 220,000 bushels: peaches, 1931, 8,063,000 bushels, including 3,938,000 sold but left on trees; 1932, 6,710,000; 1933, 3,647,000, including 1,480,000 sold but left on trees: pears, 1931, 625,000 bushels; 1932, 2,666,000; 1933, 1,667,000: grapes, 1931, 10,000 tons; 1932, 154,000; 1933, 6,000.

Source of Tables 603 and 604: Bureau of Agricultural Economics, Department of Agriculture.

No. 605.—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	157,693	----------	----------	1924	160,049	53,848	18,866
1896-1900	179,143	----------	----------	1925	151,752	46,562	20,720
1901-1905	182,672	38,166	----------	1926	227,043	[1] 69,865	25,249
1906-1910	154,454	39,684	----------	1927	115,625	[1] 45,463	18,373
1911-1915	215,572	49,027	11,341	1928	176,721	[1] 68,369	24,212
1916-1920	175,676	43,632	14,066	1929	133,318	44,977	[1] 21,138
1921-1925	155,605	46,849	17,887	1930	153,324	[1] 54,199	[1] 25,633
1926-1930	161,206	56,575	22,921	1931	202,415	[1] 76,586	[1] 23,346
1922	189,776	55,852	20,705	1932	[1] 140,775	[1] 42,443	[1] 22,050
1923	180,968	45,382	17,845	1933 (preliminary)	143,827	[1] 45,326	[1] 21,192

[1] Includes some estimated quantities not harvested on account of market conditions.

No. 606.—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			
	1930	1931	1932	1933	1930	1931	1932	1933	1930	1931	1932	1933	1930	1931	1932	1933
United States	1.02	0.65	0.62	0.72	0.89	0.50	0.53	0.76	0.75	0.60	0.39	0.52	19	22	13	18
Maine	.85	.87	.60	.67	-----	-----	-----	-----	1.70	1.30	1.00	1.05	110	95	80	80
New Hampshire	.95	1.03	.75	.72	2.00	1.55	1.50	1.50	1.50	1.40	.95	.95	110	95	80	80
Vermont	1.34	1.10	.82	.95	-----	-----	-----	-----	1.60	1.50	1.05	1.15	110	95	80	80
Massachusetts	.90	1.20	.69	.73	1.60	1.25	1.15	1.40	1.20	1.30	.85	.85	90	75	65	60
Rhode Island	1.13	1.24	.72	.85	1.80	1.40	1.15	1.45	1.25	1.30	1.00	1.00	90	75	65	70
Connecticut	1.16	1.28	.84	.95	1.30	1.40	.80	1.30	1.15	1.60	.85	1.00	70	55	50	55
New York	.99	.82	.59	.79	1.15	.65	.60	1.10	.90	.90	.48	.85	36	22	19	24
New Jersey	1.17	.96	.89	.91	1.70	.65	.70	1.10	.90	.65	.60	.65	45	40	35	38
Pennsylvania	1.06	.62	.62	.87	1.70	.65	.80	1.20	1.10	.65	.65	.75	43	22	16	25
Ohio	1.35	.50	.64	.92	1.90	.55	.90	1.45	1.15	.50	.60	.75	40	26	18	29
Indiana	1.63	.62	.76	.97	2.00	.55	1.00	1.35	.90	.40	.60	.65	40	38	19	26
Illinois	1.47	.66	.80	.95	1.60	.50	1.20	1.20	.95	.45	.75	.70	44	44	22	26
Michigan	.99	.54	.65	.68	1.50	.60	.70	1.75	1.05	.65	.45	.80	33	28	16	20
Wisconsin	1.41	.86	.64	.76	-----	-----	-----	-----	-----	-----	-----	-----	90	75	65	70
Minnesota	1.57	.86	.79	.70	-----	-----	-----	-----	-----	-----	-----	-----	90	75	65	70
Iowa	1.64	.93	.72	.91	1.70	.90	.90	1.55	1.45	.90	.75	.95	65	56	30	35
Missouri	1.38	.59	.93	.71	1.95	.65	1.20	1.15	1.10	.55	.85	.75	60	40	30	35
South Dakota	1.87	1.41	.83	1.29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nebraska	1.59	.95	.63	.98	1.85	1.05	.95	1.70	1.55	1.00	.95	1.40	70	50	40	60
Kansas	1.66	.85	.97	.84	1.75	.90	1.20	1.65	1.15	.65	.95	.95	75	50	40	45
Delaware	1.12	.63	.69	.78	1.60	.45	.60	1.25	.55	.40	.35	.85	45	40	35	45
Maryland	1.04	.56	.59	.74	1.50	.60	.85	1.00	.85	.45	.55	.60	60	55	50	55
Virginia	1.05	.47	.63	.59	1.60	.60	1.00	1.10	1.35	.50	.75	.60	80	80	60	75
West Virginia	1.10	.44	.62	.66	1.80	.55	1.15	1.15	1.70	.70	.90	.90	85	80	60	80
North Carolina	1.02	.55	.72	.67	1.35	.65	.95	.85	1.30	.70	.85	.75	70	80	45	45
South Carolina	1.32	.95	.97	.96	1.35	.70	.95	.85	1.15	.75	.80	.80	85	85	60	65
Georgia	1.31	.78	.82	.78	1.15	.55	.95	.75	1.05	.70	.65	.80	115	110	90	90
Florida	-----	-----	-----	-----	1.20	.95	.95	.90	1.05	.70	.50	.85	95	90	70	80
Kentucky	1.34	.50	.81	.70	1.70	.55	1.15	1.05	1.35	.50	.90	.80	65	55	40	45
Tennessee	1.65	1.20	.87	.88	1.35	.50	1.00	.95	1.15	.55	.85	.95	80	70	55	55
Alabama	1.31	.83	.92	.90	1.20	.65	.85	.80	1.00	.65	.65	.85	90	80	65	65
Mississippi	1.32	.89	1.03	1.03	1.45	.75	.95	1.00	.95	.60	.50	.85	100	90	75	75
Arkansas	1.15	.54	.63	.71	1.60	.55	1.05	1.10	1.30	.55	.75	.95	50	40	26	26
Louisiana	1.40	.95	1.05	1.16	1.75	1.05	1.05	1.10	1.30	.90	.70	1.00	100	90	75	75
Oklahoma	1.55	.74	.66	.78	1.30	.90	.90	1.20	1.20	.90	1.00	1.00	60	58	37	40
Texas	1.36	.93	.92	1.06	1.40	.90	.90	1.30	1.10	.80	.80	1.05	90	80	55	55
Montana	1.15	1.01	.64	.78	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Idaho	.88	.54	.46	.68	2.00	.75	.45	1.45	1.30	1.10	.60	1.00	65	50	45	55
Wyoming	1.50	1.85	.83	.88	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Colorado	.86	.61	.42	.57	1.45	.50	.42	1.30	1.30	.60	.40	.65	65	50	45	55
New Mexico	1.42	.78	.79	1.15	1.90	1.15	1.30	1.75	1.45	.80	.95	1.35	70	55	50	60
Arizona	2.13	1.68	1.41	1.60	1.80	1.45	1.50	1.75	2.10	1.35	.90	1.45	110	70	30	35
Utah	.87	.80	.49	.90	1.35	.50	.34	1.40	1.25	1.20	.75	1.30	60	45	40	50
Nevada	1.42	1.57	.88	1.05	2.00	2.00	.75	1.75	2.20	2.00	.85	1.50	105	90	85	85
Washington	.96	.70	.53	.68	1.35	.65	.35	1.25	.75	.50	.30	.40	35	22	13	17
Oregon	.76	.53	.46	.61	1.15	1.10	.60	1.15	.75	.70	.40	.45	33	24	15	20
California	.70	.80	.64	.57	.54	.43	.25	.48	.55	.58	.30	.44	16	20	12	16

Source of Tables 605 and 606: Bureau of Agricultural Economics, Department of Agriculture.

No. 607.—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 Island [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	543	194	348	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	2,576	1,069	789	220	466	594	447	18,873	5.7	13.6
1920–1924	2,917	1,233	951	[8] 211	477	622	585	22,093	5.6	13.2
1925–1929	3,557	1,189	996	[8] 118	687	861	819	28,878	4.1	12.3
1927	3,699	1,246	1,093	[8] 71	748	897	808	28,515	4.4	13.0
1928	3,693	1,273	1,061	[5] 132	587	899	934	30,655	4.2	12.0
1929	4,053	1,294	1,018	[8] 200	866	912	981	30,607	4.2	13.2
1930	4,212	1,482	1,208	[8] 184	783	989	958	31,803	4.7	13.2
1931	4,513	1,400	1,156	[8] 157	988	1,025	[9] 1,101	29,500	4.7	15.3
1932	4,835	1,682	1,357	[8] 223	834	1,036	[9] 1,283	27,088	6.2	17.8
1933 (preliminary)	5,436	1,970	1,642	[8] 205	981	[9] 1,029	[9] 1,456	28,383	6.9	19.2

[1] Beet sugar not converted to raw prior to 1909. [2] For 1900 to 1906, 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 estimate 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. 608.—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	1,069,086	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
1918	1,102,421	1,073,944	2,799,962	568,566	36,747	4,371,013	83.8
1919	903,060	975,735	3,812,955	776,502	98,386	4,816,862	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	5,646,223	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	115,566	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	2,813,113	2,321,028	59,595	28,522	6,446,024	103.5
1932	1,682,000	3,076,472	1,710,913	44,465	19,269	6,405,651	102.3
1933	1,970,000	(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 1900; 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. 608.—Sugar: Production, Trade, and Supply Available for Consumption, Continental United States—Continued

Year beginning July 1—	Production	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 [9]						
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Pounds*
1925	1,043,000	1,859,332	3,634,323	303,073	23,298	6,210,284	107.4
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	3,196,443	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	2,451,611	2,261,187	71,884	30,781	5,989,133	96.9
1931	1,302,000	2,648,129	2,171,882	55,541	26,582	6,039,888	97.0
1932	1,665,000	2,899,241	1,600,963	41,439	17,959	6,005,806	95.9
1933	1,833,000	(8)	(8)	(8)	(8)	(8)	(8)

[8] Not yet available.
[9] Raw sugar converted to refined by multiplying by the following factors: Cuba and Hawaii, 0.9358; Puerto Rico, 0.9393; Philippine Islands, 0.95; all others, 0.932.

No. 609.—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)	8.6	13.4	78.0	1918	23.3	25.2	24.6	50.2
1875–1879	(3)	10.7	13.5	75.8	1919	26.8	18.7	20.3	61.0
1880–1884	(3)	10.5	17.1	72.4	1920	26.8	25.7	20.5	53.8
1885–1889	(3)	10.0	18.8	71.2	1921	27.2	25.5	24.0	50.5
1890–1894	(3)	13.3	11.1	75.6	1922	28.3	17.3	20.9	61.8
1895–1899	20.9	14.4	13.4	72.1	1923	24.8	19.7	22.6	57.7
1900–1904	21.6	18.9	17.4	63.7	1924	24.5	19.3	25.2	55.6
1905–1909	22.0	23.0	21.6	55.3	1925	23.8	16.9	29.8	53.3
1910–1914	20.7	24.0	25.3	50.7	1926	24.5	15.5	25.9	58.6
1915–1919	22.7	25.0	24.9	50.2	1927	23.0	19.0	31.2	49.8
1920–1924	26.2	21.3	22.7	56.0	1928	23.5	17.7	27.5	54.8
1925–1929	23.1	17.9	30.3	51.9	1929	20.8	20.3	37.4	42.3
1915	21.0	27.1	27.7	45.1	1930	20.1	23.2	40.7	36.1
1916	22.7	28.3	28.5	43.2	1931	21.9	21.7	43.6	34.6
1917	19.9	26.5	24.2	49.4	1932	23.6	26.3	48.0	25.7

[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. 610.—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	1931			1932			1933		
1896–1900	4.1	4.8	Jan.	3.4	4.6	Jan.	3.1	4.1	Jan.	2.7	3.9
1901–1905	3.9	4.9	Feb.	3.3	4.5	Feb.	2.9	4.1	Feb.	2.8	3.8
1906–1910	4.0	4.8	Mar.	3.3	4.3	Mar.	2.8	4.0	Mar.	3.0	4.1
1911–1915	4.1	5.0	Apr.	3.3	4.4	Apr.	2.6	3.9	Apr.	3.1	4.2
1916–1920	7.8	8.8	May	3.2	4.3	May	2.6	3.7	May	3.3	4.4
1921–1925	5.3	6.7	June	3.3	4.4	June	2.8	3.7	June	3.4	4.5
1926–1930	4.1	5.3	July	3.5	4.6	July	3.0	4.0	July	3.5	4.6
1928	4.2	5.6	Aug.	3.5	4.6	Aug.	3.2	4.1	Aug.	3.5	4.6
1929	3.8	5.1	Sept.	3.4	4.5	Sept.	3.1	4.2	Sept.	3.6	4.6
1930	3.4	4.7	Oct.	3.4	4.5	Oct.	3.2	4.1	Oct.	3.3	4.5
1931	3.3	4.4	Nov.	3.4	4.4	Nov.	3.0	4.2	Nov.	3.2	4.4
1932	2.9	4.0	Dec.	3.2	4.2	Dec.	2.9	4.1	Dec.	3.2	4.3
1933	3.2	4.3									

Sources: Table 608, Bureau of Agricultural [illegible] ture; Table 609, 1875 to 1909, computed from production as reported [illegible] and exports, imports, and shipments as reported by the Bureau of F[illegible] reafter, based on data in Tables 607 and 608; Table 610, Bureau of Lab[illegible]

No. 611.—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. "Per cent 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)	Per cent of sucrose— In beets	Per cent of sucrose— Extracted
United States:										
1901–1905	227,841	2,079	9.22	4.89	10,106	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	603,000	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
1923	657,000	7,006	10.7	8.99	62,965	89	6,585	881	15.30	13.37
1924	816,000	7,508	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			84	10,778	1,642	16.61	15.23
California:										
1930	65,000	768	11.8	7.46	5,731	5	753	124	17.86	16.50
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	17.86	16.61
1933	108,000	1,618	15.0			6	1,629	270	18.02	16.60
Colorado:										
1930	242,000	3,312	13.7	6.91	22,873	17	3,126	407	14.10	13.02
1931	224,000	2,532	11.3	5.44	13,786	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	15.55
1933	209,000	2,628	12.6			18	2,603	399	15.74	15.32
Idaho:										
1930	44,000	446	10.1	7.41	3,302	7	427	66	16.56	15.40
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			7	777	131	18.02	16.83
Michigan:										
1930	74,000	513	6.9	8.08	4,143	10	567	86	16.97	14.95
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			15	1,255	170	16.10	13.56
Montana:										
1930	45,000	572	12.7	7.32	4,191	4	522	75	15.94	14.29
1931	54,000	617	11.4	6.01	3,706	4	600	92	16.99	15.37
1932	54,000	739	13.7	5.39	3,983	4	701	108	17.12	15.41
1933	68,000	838	12.3			4	786	124	17.43	15.72
Nebraska:										
1930	81,000	1,136	14.0	6.95	7,893	7	1,095	136	14.27	12.44
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			7	956	130	15.11	13.54
Ohio:										
1930	31,000	286	9.2	7.75	2,220	4	223	33	15.54	13.34
1931 [3]						1				
1932	26,000	259	10.0	5.34	1,384	3	251	42	15.54	13.94
1933	42,000	328	7.8			4	283	38	15.80	13.56
Utah:										
1930	44,000	553	12.6	7.00	3,874	8	517	78	16.30	15.13
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			9	915	143	16.88	15.65
Wyoming:										
1930	46,000	646	14.0	7.19	4,644	5	657	94	15.90	14.37
1931	49,000	552	11.3	5.71	3,153	5	532	85	16.97	15.99
1932	40,000	506	12.6	4.97	2,515	5	537	85	16.76	15.83
1933	52,000	593	11.4			5	634	104	17.56	16.39

[1] Beets used 1901 to 1912. [2] Four-year average.
[3] Data can not be shown without disclosing operations of an individual factory.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 612.—LOUISIANA SUGAR CANE, 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 615). 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	102	202	142	18,247	90
1926–1930	166,000	124,000	1,833	14.8	56	127	139	12,656	100
1924	302,000	162,000	1,228	7.6	82	88	142	9,590	109
1925	264,000	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

SUGAR MADE (1,000 TONS)

1906	258	1911	353	1916	304	1921	324
1907	381	1912	154	1917	244	1922	295
1908	398	1913	293	1918	281	1923	162
1909	364	1914	243	1919	121	1924	88
1910	343	1915	138	1920	169	1925	139

No. 613.—HAWAIIAN SUGAR CANE 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)	Per cent of cane used
1913–1915	----------	113,500	4,854	43	602	12.39
1916–1920	251,206	118,584	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	144,959	8,567	59	1,036	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 612 and Table 613 prior to 1926, Bureau [illegible] Department of Agriculture; Table 613, beginning 1926, Hawaiian Sugar Plant [illegible]

No. 614.—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	28,382
1909	18,900	14,024	4,106	46,912
1919	17,457	9,692	3,508	37,754
1929	(2)	1,341	2,341	20,070
DEPARTMENT OF AGRICULTURE				
Total (10 States):				
1923	14,178	4,656	3,262	30,752
1924	14,193	4,096	3,574	32,088
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	13,480	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 [3]	12,076	1,288	2,186	18,776
Maine:				
1931	255	9	26	217
1932	260	9	33	273
1933 [3]	255	10	29	242
Maryland:				
1931	59	30	27	246
1932	58	22	18	166
1933 [3]	58	25	25	225
New Hampshire:	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
1931	390	78	56	526
1932	413	100	83	764
1933 [3]	388	46	50	446
Vermont:				
1931	5,194	830	578	5,454
1932	5,454	878	981	8,726
1933 [3]	5,290	554	625	5,554
Massachusetts:				
1931	252	34	43	378
1932	257	71	65	591
1933 [3]	236	66	36	354
New York:				
1931	3,229	324	577	4,940
1932	3,132	341	695	5,901
1933 [3]	3,184	388	597	5,164
Pennsylvania:				
1931	722	161	234	2,033
1932	664	142	164	1,454
1933 [3]	664	108	209	1,780
Ohio:				
1931	1,256	96	440	3,616
1932	1,105	19	220	1,779
1933 [3]	1,216	32	413	3,336
Michigan:				
1931	508	73	156	1,321
1932	467	33	98	817
1933 [3]	490	35	140	1,155
Wisconsin:				
1931	273	11	76	619
1932	281	8	55	448
1933 [3]	295	24	62	520

[1] 1 gallon of sirup taken as equivalent to 8 pounds of sugar.
[2] Not called for on schedule.
[3] Preliminary.

No. 615.—SUGAR CANE AND SIRUP IN SOUTHERN STATES

NOTE.—Sorghum, sometimes confused with sugar cane, is not included. For molasses, a by-product of sugar refineries and not included in this table, see Table 612

State and year	Cane harvested for sirup	Sirup produced
		1,000 gallons
All States:	*Acres*	
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
South Carolina:		
1931	5,000	400
1932	6,000	492
1933	6,000	630
Georgia:		
1931	28,000	2,800
1932	31,000	4,650
1933	33,000	4,125
Florida:		
1931	9,000	1,485
1932	10,000	1,600
1933	10,000	1,500
Alabama:	*Acres*	*1,000 gallons*
1931	20,000	1,860
1932	22,000	2,640
1933	28,000	3,220
Mississippi:		
1931	14,000	2,100
1932	17,000	2,822
1933	19,000	3,173
Louisiana:		
1931	19,000	4,545
1932	16,000	3,650
1933	21,000	5,458
Texas:		
1931	7,000	1,029
1932	7,000	1,029
1933	9,000	1,476
Arkansas:		
1931	1,000	140
1932	1,000	102
1933	1,000	135

Source of Tables 614 and 615. Bureau of Agricultural Economics, Department of Agriculture, except Census Returns, Table 614, which are from the Bureau of the Census, Department of Commerce.

No. 616.—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
1921	5,971	4,069	1,309,183	1,786	1,256	422,226	156,513	84,650	58,298	10,059	3,506	6.5	32.64	8.00	1.6	283,268	227
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	286
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	126,665	79,173	13,749	21,268	9.0	37.24	10.33	4.7	63,261	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	133,906	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	4,715	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	1,028,851	102,548	57,646	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
Alabama	421	272	87,504	118	82	43,479	5,493	2,940	1,859	390	304	3.4	15.75	4.76	1.3		
Arizona	31	35	11,183	15	10	6,697	736	343	277	60	56	3.1	18.47	6.00	1.6		
Arkansas	590	355	113,625	151	103	85,657	6,629	3,772	1,962	308	587	3.3	12.99	2.99	1.3		
California	58	56	18,183	26	14	11,243	1,364	604	543	97	120	3.3	20.88	6.93	2.0		
Georgia	379	353	112,630	159	100	64,242	7,494	3,953	2,519	612	410	3.5	15.84	6.12	1.2		
Louisiana	271	184	57,780	82	53	38,846	3,580	1,953	1,143	220	264	3.4	13.94	4.15	1.3		
Mississippi	524	535	177,388	227	153	140,435	11,184	6,297	3,195	449	1,243	3.5	14.07	2.93	1.7		
North Carolina	294	242	73,379	121	57	53,085	5,051	2,561	1,945	229	316	3.5	16.07	4.02	1.1		
Oklahoma	482	365	111,170	175	94	62,897	6,336	3,291	2,404	295	346	3.0	13.74	3.14	1.1		
South Carolina	318	234	71,967	113	56	52,724	4,852	2,397	1,777	304	374	3.3	15.73	5.43	1.4		
Tennessee	213	376	119,233	160	108	89,488	7,175	4,257	2,170	228	520	3.6	13.56	2.11	1.1		
Texas	2,007	1,558	474,347	720	464	219,682	26,413	14,325	9,301	1,453	1,334	3.0	12.92	3.13	1.2		
All other States	194	57	17,292	25	17	10,787	1,006	541	372	36	57	3.1	14.88	2.12	1.0		

[1] Of 500 pounds net. [2] Based on gross weight of table. [3] Figures for 1900. [4] Six-year average, 1895–1900. Source: Bureau of the Census, Department of Commerce.

No. 617.—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
1790	3	11	(2)	1
1800	73	19	32	9
1810	178	36	124	(2)
1820	335	100	250	(2)
1830	732	130	554	(2)
1840	1,348	245	1,060	1
1850	2,136	423	1,854	(2)
1860	3,841	842	615	
1870	4,025	1,027	2,923	2
1866–1875	3,104	1,007	2,164	3
1876–1885	5,452	1,708	3,721	6
1886–1895	7,636	2,473	5,174	52
1896–1900	10,151	3,455	6,907	115
1901–1905	11,007	4,330	7,210	141
1906–1910	12,176	4,828	8,002	178
1911–1915	14,466	5,841	8,751	301
1916–1920	11,823	6,078	5,494	319
1921–1925	11,528	6,181	6,544	338
1926–1930	14,628	6,497	7,992	322
1906	13,595	4,974	8,825	203
1907	11,375	4,493	7,780	141
1908	13,587	5,199	8,890	165
1909	10,315	4,759	6,492	151
1910	12,006	4,713	8,026	231
1911	16,250	5,400	11,081	229
1912	14,313	5,867	9,199	225
1913	14,795	5,943	9,256	256
1914	15,906	5,597	8,323	364
1915	11,068	6,398	5,896	421
1916	11,364	6,789	5,300	288
1917	11,248	6,566	4,288	217
1918	11,906	5,766	5,592	197
1919	11,326	6,420	6,545	683
1920	13,271	4,893	5,745	211
1921	7,978	5,910	6,184	352
1922	9,729	6,666	4,823	450
1923	10,171	5,681	5,656	272
1924	13,639	6,193	8,005	308
1925	16,123	6,456	8,051	314
1926	17,755	7,190	10,927	382
1927	12,783	6,834	7,540	321
1928	14,297	7,091	8,044	442
1929	14,548	6,106	6,690	368
1930	13,756	5,263	6,760	99
1931	16,629	4,866	8,708	107
1932	12,710	6,137	8,419	124
1933	12,664	5,700	7,534	137

LINTERS

1914	832	412	222	
1915	945	881	295	
1916	1,300	870	439	
1917	1,096	1,119	188	
1918	910	458	72	
1919	595	342	53	
1920	429	516	51	
1921	382	639	132	
1922	591	646	41	
1923	640	537	116	
1924	858	659	191	
1925	1,044	804	104	
1926	1,042	806	257	
1927	875	780	193	
1928	1,086	879	186	
1929	1,038	805	118	
1930	824	714	112	
1931	876	637	116	
1932	741	761	184	
1933	801	767	169	

AVERAGE PRICE, UPLAND LINT COTTON, CENTS PER POUND [3]

1790	26.0	1906–1910	11.8	1914	7.3	1930	9.5
1800	44.0	1911–1915	10.4	1915	11.2	1931	5.7
1810	15.5	1916–1920	24.9			1932	6.5
1820	14.3	1921–1925	22.2	1916	17.3	1933	9.7
				1917	27.1		
1830	9.7	1926–1930	15.4	1918	28.8	1933:	
1840	9.5	1903	12.2	1919	35.4	August	8.8
1850	12.1	1904	8.7	1920	15.8	September	8.8
1860	13.0	1905	10.9			October	9.0
1870	17.0			1921	16.9	November	9.6
		1906	10.0	1922	22.9	December	9.6
1871–1875	16.7	1907	11.5	1923	28.7	1934:	
1876–1880	11.4	1908	9.2	1924	22.9	January	10.3
1881–1885	10.7	1909	14.3	1925	19.6	February	11.7
1886–1890	10.3	1910	14.0			March	11.7
1891–1895	7.5			1926	12.5	April	11.6
		1911	9.6	1927	20.2	May	11.0
1896–1900	6.9	1912	11.5	1928	18.0	June	11.6
1901–1905	9.6	1913	12.5	1929	16.8	July	12.3

[1] Production, consumption, and exports of cotton include linters prior to 1914.
[2] Less than 500 bales.
[3] See headnote.

Source: Bureau of the Census. See Bulletin 167, p. 57, of that bureau for original sources.

No. 618.—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	200,146	3,594	3,553	2,311	336	421	54	125	28	202	------	------	21
1886–1895	227,678	5,121	5,020	2,951	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	7,510	3,243	2,180	956	486	252	130	99	([6])	183	133
1911–1915	537,044	9,318	8,708	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	[8] 141	[9] 60	9	661	211
1921–1925	764,101	6,386	5,405	1,863	1,390	764	584	272	186	[10] 138	54	718	189
1926–1930	828,920	8,774	6,984	1,937	2,149	946	758	318	228	335	193	1,244	256
1920	1,381,708	7,087	5,977	3,445	421	596	617	275	210	------	11	876	217
1921	600,186	5,623	4,775	1,787	1,152	591	558	261	166	------	47	555	169
1922	590,379	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	1,695	1,346	751	564	216	169	120	28	584	152
1925	1,060,980	8,439	7,332	2,023	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	236	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	6,760	4,793	1,054	1,640	914	477	251	138	30	429	1,228	190
1932	339,940	8,708	4,864	1,344	1,570	463	649	306	136	------	1,112	2,294	187
1933	342,699	8,419	6,078	1,492	1,849	864	804	313	183	43	301	1,743	176

[1] [illegible]
[2] [illegible] 6; July 31 thereafter.
[3] [illegible] running bales thereafter.
[4] [illegible] ria, and Poland prior to 1919.
[5] Average, 1891–1895.
[6] Less than 500.
[7] One year only, 1920.
[8] [illegible] 1920.
[9] [illegible]
[10] [illegible]

No. 619.—COFFEE: IMPORTS AND REEXPORTS

NOTE.—Imports and reexports in thousands of pounds. Years ended Sept. 30, 1830 and 1840 and June 30, 1850 to 1918; thereafter, calendar years. Imports represent imports from foreign countries and from territories and possessions into continental United States, and reexports represent exports from continental United States to foreign countries and outlying territories and possessions. Figures represent mostly green coffee

Yearly average or year	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents	Year	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents
1830	51,488	13,125	2.99	8.2	1904	998,677	35,102	11.67	7.0
1840	94,996	8,698	5.04	9.0	1905	1,046,028	37,087	11.98	8.1
1850	145,273	15,481	5.58	7.7	1906	853,800	19,133	9.72	8.6
1851–1860	203,190	14,710	6.78	9.0	1907	986,596	11,627	11.15	7.9
1861–1870	173,290	8,229	4.66	10.8	1908	892,092	17,111	9.82	7.6
1871–1880	331,925	7,911	7.19	14.7	1909	1,051,750	15,188	11.43	7.5
1881–1890	513,039	24,726	8.52	10.8	1910	873,984	13,589	9.33	8.0
1891–1895	585,270	8,792	8.61	[1] 16.8	1911	878,322	8,371	9.29	10.4
1896–1900	761,715	21,819	10.07	8.9	1912	887,748	7,200	9.26	13.3
1901–1905	983,464	40,400	11.65	7.1	1913	866,054	7,135	8.90	13.8
1906–1910	931,644	15,325	10.29	7.9	1914	1,006,362	13,811	10.14	11.1
1911–1915	952,906	21,494	9.65	11.5	1915	1,126,042	70,953	10.62	9.6
1916–1920[2]	1,227,523	67,347	11.20	13.5	1916	1,203,841	75,318	11.20	9.6
1921–1925	1,343,579	35,268	11.73	15.4	1917	1,322,059	57,503	12.38	10.1
1926–1930	1,498,291	24,222	12.30	18.9	1918	1,145,956	65,598	10.43	9.0
1888	423,646	15,083	6.75	14.3	1918 (6 mos.)	438,472	23,621	------	10.0
1889	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	[illegible]	[illegible]	41,821	12.05	10.7
1892	640,211	10,539	9.59	[1] 20.0	[illegible]	[illegible]	35,576	11.04	12.9
1893	563,469	12,074	8.23	14.3	[illegible]	[illegible]	31,899	12.38	13.5
1894	550,934	3,865	8.01	16.4	[illegible]	[illegible]	39,213	12.23	17.5
1895	652,209	8,993	9.24	14.7	1925	1,287,601	27,833	10.97	22.3
1896	580,598	7,926	8.08	14.6	1926	1,495,517	26,629	12.61	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	16,908	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	45,855	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	7.9

[1] Overvalued, due to depreciation of Brazilian paper milreis. [2] Average, July 1, 1915, to Dec. 31, 1920.
Source of Tables 618 and 619: Bureau of Foreign and Domestic Commerce.

No. 620.—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 619; 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	1922	93,928	23,067	0.85
1840	16,883	4,067	.99	1921–1925	92,230	24,658	.83	1923	102,157	28,860	.92
1850	28,200	3,982	1.21	1926–1930	88,655	26,604	.74	1924	90,496	26,608	.80
1851–1860	21,028	5,361	.76	1914	90,148	16,599	.92	1925	99,567	30,957	.87
1861–1870	32,394	8,969	.91	1915	92,364	16,828	.93	1926	94,512	30,855	.81
1871–1880	59,536	18,550	1.32	1916	109,075	20,442	1.08	1927	87,896	27,691	.74
1881–1890	76,534	15,071	1.34	1917	102,739	19,068	1.01	1928	88,843	26,815	.74
1891–1895	89,675	13,689	1.34	1918	147,379	29,469	1.42	1929	88,247	25,444	.73
1896–1900	86,217	11,357	1.17	1918[2]	76,365	16,461		1930	83,773	22,214	.68
1901–1905	95,814	13,849	1.18	1919	65,074	15,056	.62	1931	85,807	18,455	.69
1906–1910	93,595	15,211	1.05	1920	87,801	23,408	.83	1932	93,857	12,225	.75
1911–1915	95,237	17,189	.99	1921	75,002	13,797	.69	1933	95,705	13,485	.76

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] June 30 to Dec. 31, 1918.

No. 621.—COCOA AND CHOCOLATE: IMPORTS

[Quantity in thousands of pounds; value in thousands of dollars]

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	1910	111,070	11,966	1922	347,010	32,571
1881–1890	13,504	1,891	1911	140,970	15,261	1923	416,818	34,396
1891–1900	29,408	4,120	1912	148,786	16,590	1924	382,029	30,152
1901–1905	63,600	8,260	1913	143,510	18,177	1925	387,108	39,412
1906–1910	102,304	13,418	1914	179,364	21,504	1926	433,117	44,227
1911–1915	161,473	19,002	1915	194,734	23,478	1927	431,049	58,291
1916–1920	346,583	45,480	1916	244,911	34,602	1928	388,635	49,216
1921–1925	367,907	32,019	1917	390,838	41,674	1929	515,571	51,271
1926–1930	429,338	47,044	1918	360,015	37,972	1930	378,320	32,214
1907	97,060	14,579	1919	392,365	58,342	1931	420,260	23,853
1908	86,605	15,284	1920	344,986	54,811	1932	483,490	20,093
1909	132,661	15,562	1921	306,568	23,566	1933	478,851	19,108

[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. 622.—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]	Exports		Quantity	Value	Average price per pound	Imports [2]	Exports
1871–1880	[3] 1,340	[3] 6,390	$4.77	27,063	53	1916	40,872	149,785	$3.66	37,110	6,363
1881–1890	5,328	16,775	3.15	34,162	83	1917	43,428	189,753	4.37	39,763	8,608
1891–1900	9,259	26,843	2.90	29,776	268	1918	48,721	194,199	3.99	28,569	17,982
1901–1905	15,798	45,968	2.91	32,215	425	1919	55,522	341,887	6.16	54,746	23,903
1906–1910	20,281	67,414	3.32	33,725	835	1920	39,660	301,038	7.59	75,419	26,821
1911–1915	30,190	82,703	2.74	28,306	2,210	1921	52,332	264,723	5.06	48,276	9,672
1916–1920	45,641	235,332	5.16	47,121	16,735	1922	58,467	371,629	6.36	37,413	11,824
1921–1925	62,030	356,287	5.74	40,941	12,992	1923	61,954	401,655	6.48	44,597	11,136
1926–1930	86,458	374,715	4.33	36,383	17,293	1924	60,603	335,041	5.53	37,699	14,148
1907	18,744	71,412	3.81	38,903	708	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	6,283	4,878

[1] Fiscal years through 1915; calendar thereafter. [2] Includes artificial silk prior to 1911. [3] Raw silk.

Source of Tables 620, 621, and 622: Bureau of Foreign and Domestic Commerce.

No. 623.—RUBBER: World Production and United States Imports

Note.—Figures include guayule. Value of 489 imports of rubber (excluding guayule beginning 1911) are shown in Table 489. 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*
1909	73,756	3,386	70,370	41,950	2,156	39,794	54.0	1.481	
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

[1] Discontinued.

Source: Bureau [illegible] merce (compiled from various original sources); prices, Bureau of Labor [illegible] except plantation 1910 to 1914, from U. S. Rubber Co.

No. 624.—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					
1916	39,245	34,709	480,553	13.8	17,607	155,765	8.8
1917	38,359	27,257	412,901	15.1	17,832	223,754	12.5
1918	43,126	37,130	565,099	15.2	22,051	356,339	16.2
1919	51,391	50,404	748,460	14.8	23,296	203,637	8.7
1920	45,505	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	37,596	631,950	16.8	19,219	201,594	10.5
1927	44,134	38,195	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	42,348	35,276	475,709	13.5	21,928	268,367	12.2
1933[2]	42,692	28,420	351,030	12.4	19,073	176,383	9.2

[1] Acreage sown in preceding fall. [2] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 625.—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	1928	1929	1930	1931	1932	1933
Supply, total	912,401	1,075,761	1,067,287	1,095,402	1,232,719	1,277,953	1,145,063	939,855
Stocks, July 1, total wheat and flour	108,062	192,647	132,884	260,266	323,958	332,846	391,605	400,383
On farms	36,562	35,697	19,567	44,979	60,092	38,039	92,772	82,187
In country elevators and mills	30,991	34,453	19,277	41,546	60,166	30,252	41,585	64,296
Commercial stocks [1]	25,519	57,844	42,208	95,684	109,327	203,967	168,405	123,596
In merchant mills and elevators and stored for others [2]	[3] 22,576	40,132	31,920	48,279	59,170	41,206	71,714	107,052
In transit to merchant mills	[3] 9,000	12,092	10,893	16,237	14,706	12,496	10,088	16,038
Flour (in terms of wheat) [4]	8,676	12,378	9,019	13,541	20,497	6,886	7,401	7,214
New crop	786,865	866,624	912,961	822,180	889,702	932,221	744,076	527,978
Imports, flour included	17,473	16,491	21,442	12,956	19,059	12,886	9,382	11,494
Accounted for distribution, total	402,420	496,764	511,757	551,682	548,251	611,161	527,995	412,454
Exports (flour included)	207,237	174,765	163,687	153,245	131,475	135,798	41,211	37,002
Reexports and shipments to Alaska, Hawaii, and Puerto Rico (flour included)	3,057	3,014	3,227	3,049	2,870	3,061	3,479	2,800
Seed requirements	81,352	85,210	84,577	83,930	81,060	80,098	82,922	76,181
Carry-over at end of year (June 30) [5]	110,774	233,775	260,266	[6] 311,458	332,846	391,605	400,383	296,471
Disappearance for food, feed, and loss	509,981	578,998	556,530	543,720	684,468	666,792	617,068	527,401
Per capita (bushels)	4.54	4.80	4.60	4.44	5.54	5.36	4.93	4.18

[1] *From Bradstreet's visible supply for 1921–1922 to 1925–1926, thereafter,* Bureau of Agricultural Economics.
[2] Stocks stored for others included beginning July 1, 1930.
[3] 1 year only, 1925.
[4] From Chicago Daily Trade Bulletin.
[5] For individual items see above.
[6] Does not include 12,500,000 bushels stored for others included in figures shown above for stocks on hand July 1,1930.

Source: Compiled from various sources by Bureau of Agricultural Economics, Department of Agriculture.

No. 626.—VISIBLE SUPPLY OF GRAIN IN UNITED STATES: As Reported on Saturday Nearest the First of Each Month

[All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32]

WHEAT [1]

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.	25,519	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	80,998	128,									
1929	95,684	145,504	196									
							791	121,453	111,730	101,158	92,200	82,590

CORN [2]

Year beginning Nov. 1—	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1909–1913, avg.	3,352	2,088	7,342	10,406	15,165	16,233	8,358	4,656	7,980	4,583	3,566	5,444
1921–1925, avg.	7,679	7,861	17,054	23,496	31,478	34,183	26,334	17,732	16,882	11,558	8,053	8,853
1926–1930, avg.	10,496	12,913	21,035	25,731	32,206	33,848	26,824	18,391	15,626	12,812	10,006	8,936
1929	3,237	3,267	9,892	15,215	22,667	23,532	19,986	10,825	6,825	3,656	3,940	4,643
1930	4,379	6,964	16,390	16,757	18,961	20,447	18,270	11,412	7,815	8,183	8,846	5,362
1931	7,217	9,695	11,987	13,413	17,470	21,479	21,418	20,049	15,964	10,985	14,649	18,458
1932	26,733	26,081	28,985	31,819	34,651	33,772	30,190	36,298	46,140	60,731	54,889	57,303
1933	60,276	61,720	66,694	65,352	65,666	62,787	54,536	43,547	35,351	42,293	57,646	60,073

[1] Bradstreet's. [2] Chicago Board of Trade.

No. 626.—Visible Supply of Grain in United States, Etc.—Continued

OATS [2]

Year beginning Aug. 1—	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
1909–1913, avg.	7,185	13,460	18,525	19,024	17,969	16,286	14,857	14,521	13,869	10,748	7,866	7,894
1921–1925, avg.	21,818	34,206	47,372	51,211	50,468	51,075	50,611	49,063	43,700	36,706	28,498	25,539
1926–1930, avg.	12,849	25,053	29,078	29,479	28,128	27,195	25,684	24,209	20,163	16,082	11,792	9,312
1929	7,026	23,488	26,321	30,155	27,534	26,946	24,471	21,673	18,349	16,242	12,652	10,875
1930	8,407	23,230	30,495	30,815	28,269	28,226	24,565	21,229	16,966	13,152	9,439	7,242
1931	7,392	13,849	15,933	17,259	16,888	15,643	15,909	16,926	14,800	12,713	10,492	9,759
1932	11,269	25,544	26,330	26,904	25,369	24,524	24,620	24,168	22,609	21,187	22,844	27,565
1933	33,532	43,240	47,751	47,067	46,145	44,866	43,201	41,032	37,165	32,218	25,725	22,075

[2] Chicago Board of Trade.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 627.—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]	Year ended June 30—	Exports (excl. reexports)			Imports—wheat and flour [1]
	Wheat (grain)	Wheat flour	Wheat and flour [2]			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	1918	34,119	21,880	132,579	31,215
1857–1861	12,378	3,318	28,970	6,979	1919	178,583	24,182	287,402	11,289
1862–1866	22,530	3,531	40,184	[2] 4,728	1920	122,431	21,652	219,865	5,496
1867–1871	22,107	2,585	35,032	1,818	1921	293,268	16,180	366,077	57,398
1872–1876	48,958	3,416	66,037	1,680	1922	208,321	15,797	282,566	17,375
1877–1881	107,781	5,376	133,263	906	1923	154,951	14,883	224,900	20,031
1882–1886	82,884	8,620	121,675	517	1924	78,793	17,253	159,880	28,079
1887–1891	64,739	11,287	115,529	352	1925	195,490	13,896	260,803	6,201
1892–1896	99,914	15,713	170,624	1,634	1926	63,189	9,542	108,036	15,680
1897–1901	120,247	17,151	197,427	1,280	1927	156,250	13,385	219,160	13,263
1902–1906	70,527	15,444	140,026	993	1928	145,999	12,821	206,258	15,734
1907–1911	62,855	11,841	116,138	706	1929	103,114	12,888	163,688	21,442
1912–1916	129,415	13,185	188,748	2,996	1930	92,175	12,994	153,247	12,956
1917–1921	155,646	19,167	241,899	26,064	1931	76,365	11,726	131,477	19,058
1922–1926	140,149	14,274	207,237	17,473	1932	96,521	8,357	135,799	12,886
1927–1931	114,781	12,763	174,766	16,491	1933	20,887	4,324	41,211	9,382

Yearly average or year ended June 30—	Corn [3]		Rice [4]		Flaxseed		Unmanufactured tobacco	
	Exports [5]	Imports	Exports [5]	Imports	Exports [5]	Imports	Exports [5]	Imports
	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	[6] 48	65,732	----------	7	[7] 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	([8])	[9] 2,018	194,754	5,631
1872–1876	38,561	57	391	72,526	([8])	2,915	241,848	8,886
1877–1881	88,190	42	602	62,615	([8])	1,224	266,315	7,871
1882–1886	49,992	24	567	99,871	([10])	1,541	237,942	13,672
1887–1891	54,606	15	3,210	156,869	[11] 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	56,568	92	27,195	215,892	2,313	3,249	334,396	42,822
1912–1916	38,774	5,686	60,043	248,775	67	9,227	408,006	55,556
1917–1921	45,296	4,950	209,021	262,514	13	14,750	496,924	74,595
1922–1926	66,759	1,148	260,030	74,178	([10])	18,198	496,665	68,470
1927–1931	18,941	1,859	315,474	43,734	([10])	18,659	552,707	78,384
1928	19,410	5,463	309,789	44,102	([10])	18,112	489,996	81,045
1929	41,876	490	392,184	36,794	([10])	23,494	565,925	79,284
1930	10,282	496	289,532	31,212	([10])	19,652	600,181	63,183
1931	3,317	1,747	281,005	35,507	([10])	7,813	591,034	75,426
1932	3,969	386	274,716	20,484	([10])	13,850	432,362	73,376
1933	8,775	195	110,575	21,668	([10])	6,213	399,967	59,545

[1] Flour converted to grain at rate of 5 bushels to a barrel, 1852 to 1879, 4½, 1880 to 1921; 4.7 thereafter.
[2] 1862–1865; no data for 1866.
[3] Exports include meal in terms of grain (4 bushels of corn to 1 barrel of meal).
[4] Includes flour, meal, etc. [5] Excluding reexports. [6] 1858–1861; no data for 1857.
[7] 1857 only; not reported 1858–1861. [8] Less than 500. [9] 1867 and 1868; not reported 1869–1871.
[10] Not reported separately. [11] 3-year average; not shown separately for other years.

Source: Bureau of Foreign and Domestic Commerce.

No. 628.—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 548.

Crop year beginning—	Wheat [1]	Corn	Oats [1]	Barley [1]	Rye	Buckwheat	Flaxseed
1913	79.3	71.8	38.9	53.2	62.9	76.6	123.4
1914	99.4	71.8	44.2	54.1	83.3	81.1	131.3
1915	98.2	68.7	39.5	53.7	85.0	81.5	168.8
1916	144.4	115.3	49.5	82.2	113.0	126.5	230.2
1917	205.8	148.5	71.9	122.3	176.4	167.1	313.0
1918	206.3	153.5	70.0	97.8	152.1	164.7	362.7
1919	218.6	153.3	78.1	122.3	146.9	159.2	442.0
1920	182.9	95.3	55.7	82.2	148.2	126.8	227.1
1921	104.4	53.2	33.4	48.5	86.9	89.1	166.1
1922	98.2	75.0	38.7	51.3	68.1	89.9	208.3
1923	92.5	82.3	41.7	55.2	59.4	96.3	212.2
1924	126.6	107.3	49.0	76.8	96.3	108.6	219.2
1925	146.2	71.4	39.7	62.8	83.1	87.5	226.2
1926	123.8	74.1	40.0	56.9	84.2	87.0	203.1
1927	120.8	85.3	47.9	71.3	84.7	87.6	193.5
1928	101.2	84.5	42.2	60.0	85.4	90.7	194.5
1929	104.9	80.9	42.9	54.4	87.7	96.3	280.6
1930	68.1	60.2	33.4	41.6	47.9	79.6	158.1
1931	39.1	32.1	21.7	32.0	34.7	42.3	112.5
1932	38.6	32.8	16.4	22.7	27.5	43.4	91.9

Crop year beginning—	Potatoes [2]	Sweet-potatoes	Apples [1]	Cotton	Cotton-seed	Peanuts	All hay (loose) [1]
1913	70.6	83.8	91.7	12.5	22.39	4.7	11.49
1914	58.3	84.5	62.5	7.4	16.50	4.4	10.92
1915	73.2	75.0	70.4	11.2	32.65	4.3	10.34
1916	172.6	92.4	89.4	17.3	49.13	5.0	11.21
1917	123.9	118.1	115.4	27.1	66.15	7.1	16.60
1918	125.2	149.1	137.6	28.8	65.23	6.7	19.88
1919	218.3	162.3	187.4	35.2	67.27	9.6	21.34
1920	130.7	140.4	135.2	15.8	22.95	4.8	16.51
1921	121.4	111.9	195.2	17.0	29.72	3.8	11.83
1922	75.3	97.9	109.4	22.8	34.70	5.5	11.68
1923	94.6	120.8	117.4	28.7	42.23	6.6	12.93
1924	90.0	149.7	123.8	22.9	34.08	5.9	12.72
1925	165.9	166.9	128.5	19.6	30.82	4.7	12.84
1926	147.3	118.7	89.4	12.5	21.55	5.1	13.23
1927	120.2	107.7	145.0	20.2	35.94	5.2	10.58
1928	66.3	113.4	109.5	18.0	35.26	5.0	11.28
1929	123.7	114.6	141.5	16.8	30.43	3.8	11.08
1930	106.9	109.8	103.7	9.5	21.93	3.6	11.34
1931	57.5	70.5	67.3	5.7	9.51	2.0	8.73
1932	40.9	48.0	63.1	6.5	10.36	1.6	6.49

Crop year beginning—	Prairie hay [1]	Timothy hay [1]	Clover hay [1]	Alfalfa hay [1]	Timothy seed	Clover seed	Alfalfa seed
1915	7.09	12.99	11.22	9.31	2.72	9.61	8.80
1916	8.60	12.80	11.32	12.76	2.38	9.28	8.70
1917	13.61	19.12	17.69	20.70	3.36	13.35	9.45
1918	16.59	23.25	21.53	20.79	4.02	20.19	10.06
1919	16.78	25.23	23.78	22.75	4.76	27.02	15.76
1920	10.82	20.52	19.38	15.84	3.79	12.67	12.37
1921	7.68	14.93	14.19	10.79	2.64	10.71	8.20
1922	8.82	14.19	13.04	12.86	2.40	10.20	8.87
1923	8.91	16.42	15.06	13.46	2.93	12.14	10.40
1924	8.70	14.42	13.50	13.81	3.15	14.21	10.77
1925	9.34	15.35	14.48	13.05	3.34	15.27	10.14
1926	10.88	15.44	15.07	13.58	2.62	18.20	9.64
1927	7.72	11.71	12.20	11.94	1.88	15.98	9.76
1928	8.04	12.25	12.97	13.73	2.09	16.89	11.35
1929	8.14	11.72	11.98	13.73	1.92	10.48	11.78
1930	7.26	14.11	13.38	12.13	2.66	11.80	10.66
1931	6.75	9.17	9.65	10.05	1.43	7.33	7.43
1932	4.49	7.19	7.74	6.99	.95	5.11	5.57

[1] Figures for wheat, oats, and barley beginning 1922 and for apples and hay beginning 1924, revised to conform to the [illegible]

[2] Revised [illegible] -month marketing season beginning March of the year indicated and [illegible]

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 629.—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.[2], Oct.
	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
1918	2.25	2.19	2.22	1.62	1.56	.70	.66	1.00	1.58	4.07	2.86
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

[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. 630.—GRAIN RECEIVED AT SIX ATLANTIC PORTS

Note.—Data are for calendar years. Total receipts by ports include flour, meal, and malt 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	1932	1933
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	220,667	145,534	189,162	126,383	72,294	58,047
By canal via river	10,168	2,504	4,139	32,767	39,797	27,950	20,608
Coastwise and river	410	7,120	5,966	9	462	3	1,635
By rail	82,742	211,044	135,429	156,386	86,124	44,341	35,804
Boston	22,402	28,097	13,099	11,911	7,918	8,815	6,338
Philadelphia	28,736	99,772	45,148	55,933	13,529	12,325	9,031
Baltimore	32,272	105,856	74,280	35,552	17,693	7,481	6,740
New Orleans	16,213	56,774	72,976	32,039	24,639	12,136	10,808
Montreal, Canada	44,178	68,185	67,044	179,959	110,675	127,998	85,125
COMMODITY							
Flour, 1,000 bbls.	16,841	23,279	17,016	23,801	24,291	14,391	13,661
Corn meal, do.	1,039	941	77	75	86	83	142
Wheat, 1,000 bu.	62,944	260,719	220,296	238,631	167,771	129,550	93,488
Corn, do.	42,193	45,434	17,916	13,220	4,829	13,622	10,079
Oats, do.	47,181	104,554	34,629	76,401	10,255	13,339	7,688
Barley, do.	3,929	16,195	16,600	45,191	6,086	11,041	2,133
Rye, do.	934	13,928	51,742	23,709	2,245	8,405	663
Total grain, do.	157,181	440,829	341,183	397,152	191,186	175,957	114,051
Flour and meal[1], do.	79,940	108,522	76,878	107,404	109,651	65,092	62,038
Grand total, do.	**237,122**	**549,351**	**418,061**	**504,556**	**300,837**	**241,049**	**176,089**

[1] Grain equivalent.

Source: New York Produce Exchange.

No. 631.—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	Chicago	Milwaukee	Minneapolis	Duluth	St. Louis	Toledo	Detroit	Kansas City	Peoria	Omaha	Indianapolis
	WHEAT											
July 1:												
1914–1920	385,102	60,469	9,655	119,090	51,044	38,228	6,628	2,121	67,515	2,232	22,521	4,600
1921–1925	388,647	49,959	5,903	112,209	66,874	37,295	10,801	1,636	74,144	2,601	22,541	4,685
1926–1930	430,974	38,369	6,781	105,921	86,924	41,458	13,447	1,998	94,057	2,037	35,047	4,934
1927	462,709	45,851	5,662	125,615	118,855	34,167	14,171	2,281	77,775	1,336	31,948	5,049
1928	488,334	33,755	5,526	121,893	108,268	53,231	14,118	1,836	106,417	2,411	37,427	3,452
1929	388,495	29,780	6,455	91,020	72,650	40,355	12,618	1,583	91,720	2,036	34,359	5,925
1930	455,898	43,397	9,396	101,930	81,787	46,197	11,612	1,612	101,634	3,089	50,020	5,224
1931	327,959	41,059	17,591	54,048	21,818	37,357	14,437	1,424	107,202	2,296	25,681	5,046
1932	260,877	13,102	2,628	73,238	53,966	17,989	9,519	1,435	60,113	1,710	13,156	4,021
	CORN											
Nov. 1:												
1914–1920	[illegible]	[illegible]	[illegible]	14,788	10,643	[1] 1,348	22,286	3,025	3,043	18,263	25,349	26,731	19,469
[illegible]	[illegible]	[illegible]	[illegible]	14,538	13,213	5,061	30,749	3,774	1,423	18,436	22,221	22,668	18,559
[illegible]	[illegible]	[illegible]	[illegible]	12,434	11,554	1,493	28,170	1,894	785	29,743	22,306	23,455	22,294
1927	293,627	104,975	14,471	9,378	505	35,261	1,480	1,018	46,807	25,056	32,859	21,817
1928	268,708	95,265	14,987	12,169	2,257	38,108	1,706	703	34,468	27,134	17,355	24,556
1929	235,102	77,409	13,726	13,325	1,588	25,466	1,253	417	29,025	22,882	26,522	23,489
1930	181,270	59,364	7,934	11,639	2,937	21,008	1,002	298	25,961	10,362	18,755	21,960
1931	141,257	68,937	7,448	6,443	427	14,324	2,737	226	7,629	12,244	5,902	14,940
1932	223,610	89,578	15,825	14,804	8,914	20,982	1,084	396	16,930	17,562	16,269	21,266
	OATS											
Aug. 1:												
1914–1920	277,426	121,664	30,007	31,750	3,963	27,613	5,583	4,390	10,295	12,090	15,837	14,234
1921–1925	226,219	71,431	19,646	35,224	12,494	31,186	5,860	2,376	9,834	12,833	14,494	10,841
1926–1930	133,168	40,108	10,739	20,884	4,147	20,084	6,274	1,067	4,537	7,545	7,176	10,607
1927	148,485	53,591	10,411	27,138	1,145	19,351	4,507	1,389	4,226	9,195	8,844	8,688
1928	138,944	41,023	7,611	20,899	3,527	24,257	7,189	1,143	4,951	7,100	6,853	14,391
1929	133,669	34,680	12,557	21,409	5,727	19,355	4,345	618	6,417	7,796	9,228	11,537
1930	100,780	21,827	8,290	16,768	7,978	16,381	6,546	833	3,821	4,681	4,325	9,330
1931	69,823	25,370	2,653	7,117	1,003	5,717	7,511	747	2,058	3,386	1,708	12,553
1932	100,174	25,586	3,318	23,977	7,432	7,892	5,584	673	2,476	3,661	4,111	15,464

[1] 6-year average; no report for 1915.

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. 632.—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]
1896	5.38	7.32	12.00	1915	6.08	7.48	10.08
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	5.65	6.63	11.13	1918	12.53	12.27	12.90
1900	4.42	5.05	9.98	1919	10.94	11.60	14.70
1901	5.14	5.57	9.92	1920	14.70	15.32	16.68
1902	5.25	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	9.60	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

[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 for 1932 and 13.5 for 1933.

Source: New York Produce Exchange.

No. 633.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK BY CANAL

Calendar year	Average rate	Calendar year	Average rate	Calendar year	Average rate	Calendar year	Average rate
	Cents per bushel		*Cents per bushel*		*Cents per bushel*		*Cents per bushel*
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	4.52
1897	2.84	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		

Source: Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 634.—FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS, CHICAGO TO EUROPEAN PORTS

[illegible] steamer to foreign ports. Rail rates on grain [illegible] Owing to the war complete statements of [illegible] 1918, 1919, and, in the case of a number of [illegible]

[Rates in cents per 100 pounds]

Destination	1900	1905	1910	1913	1921	1925	1927	1928	1929	1930	1931	1932	1933
Grain:													
Liverpool [1]	29.49	19.16	18.15	23.39	48.17	33.8	33.89	32.32	30.69	30.30	27.77	27.22	29.10
Glasgow [1]	30.98	20.00	15.91	22.92	(2)	35.3	36.42	33.90	34.10	34.70	30.39	27.82	30.20
London [1]	31.10	20.23	17.75	24.33	(2)	33.4	34.31	31.74	30.18	30.30	27.51	27.00	29.10
Antwerp	------	------	18.05	24.62	45.02	33.9	35.56	32.38	32.35	30.75	28.22	27.73	28.50
Hamburg	------	------	------	26.16	45.76	35.0	36.50	33.04	31.19	30.11	28.57	27.58	28.50
Amsterdam	------	------	------	25.07	49.53	------	39.50	33.91	32.75	31.76	27.98	27.59	28.50
Rotterdam	------	------	------	25.07	48.64	35.5	36.18	33.04	31.86	30.67	27.98	27.59	28.50
Sacked flour:													
Liverpool	27.90	22.40	19.75	30.00	58.63	43.8	45.01	43.17	42.19	40.44	36.88	37.46	38.50
Glasgow	31.56	22.50	21.50	32.00	(2)	45.0	47.39	45.17	44.19	43.52	38.42	39.46	40.50
London	35.01	23.64	22.00	30.50	(2)	43.9	45.04	43.17	42.19	40.44	16.88	37.46	38.50
Antwerp	------	------	------	35.60	55.27	44.3	48.05	45.71	43.98	41.54	39.42	40.46	41.50
Hamburg	------	------	------	37.00	56.15	44.1	46.80	45.79	43.02	41.54	39.42	40.46	41.50
Amsterdam	------	------	------	30.00	55.74	44.6	47.70	46.50	44.54	42.35	39.42	40.46	41.50
Rotterdam	------	------	------	29.00	55.12	44.6	47.81	45.71	43.67	41.54	39.42	40.46	41.50
Copenhagen	------	------	------	40.00	64.01	50.4	55.32	53.50	53.50	53.50	51.32	52.46	53.50
Stockholm	------	------	------	43.00	------	53.5	57.32	55.69	56.50	56.50	54.42	55.46	56.50
Provisions:													
Liverpool	48.84	38.49	45.38	51.00	137.13	106.5	116.33	117.75	[illegible]	[illegible]	[illegible]	[illegible]	86.50
Glasgow	55.31	43.23	46.88	55.31	(2)	106.5	116.33	117.75	[illegible]				86.50
London	55.87	40.88	47.62	51.00	(2)	106.5	116.33	117.75	[illegible]				86.50
Antwerp	51.09	43.70	49.44	55.22	104.01	86.5	89.00	91.50	[illegible]				84.00
Hamburg	50.00	45.75	50.00	55.33	104.87	91.5	110.50	95.67	[illegible]				86.50
Amsterdam	51.00	45.42	48.00	54.00	104.25	86.5	89.00	91.50	[illegible]				84.00
Rotterdam	51.00	44.53	47.00	53.00	104.25	86.5	89.00	89.00	[illegible]				84.00
Copenhagen	55.31	48.66	55.31	69.43	113.00	96.5	103.00	101.50	[illegible]				91.50
Stockholm	64.50	51.47	56.72	73.14	------	104.0	109.00	104.24	[illegible]				91.50
Bordeaux	64.12	51.46	57.50	71.25	105.18	106.5	110.75	109.83	[illegible]				84.00
Havre	------	------	------	69.38	104.20	106.5	110.75	109.83	[illegible]				84.00

[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. 635.—FOOD MANUFACTURING INDUSTRIES: MATERIALS USED AND PRODUCTS

Material and product	Quantity (thousands of unit specified)				Value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
CANNING AND PRESERVING							
Canned and processed vegetables, fruits, and sea foods, all industries [1]					618,335	797,839	523,024
Canned vegetables and soups					234,280	325,738	211,296
Beans	Case [2]	25,360	30,817	24,151	53,069	69,664	45,587
Corn	do	10,255	16,724	19,377	22,855	36,797	31,492
Peas	do	13,085	17,546	13,253	34,031	44,508	28,939
Tomatoes	do	18,229	21,401	13,894	33,814	42,171	21,694
Tomato juice	do	(3)	(3)	3,476	(3)	(3)	6,212
Tomato cocktails	do	(3)	(3)	1,107	(3)	(3)	1,485
Asparagus	do	2,177	2,727	1,878	12,202	15,465	10,302
Spinach	do	2,462	4,815	1,774	6,225	12,132	3,863
Kraut [4]	do	3,101	4,224	3,645	5,460	8,422	5,429
Spaghetti	do	2,751	4,239	2,797	6,061	8,326	6,430
All other (incl. soups)	do	19,936	29,703	19,560	60,543	88,260	49,773
Canned fruits					101,731	137,399	79,375
Peaches	Case [2]	11,305	8,724	8,617	36,235	35,675	22,040
Apples	do	2,939	3,593	2,067	5,895	7,941	3,322
Berries	do	2,375	2,516	2,635	9,807	10,750	7,081
Pears	do	2,954	4,932	3,918	13,067	24,450	12,124
Apricots	do	3,099	4,267	2,116	12,256	17,134	5,501
Cherries	do	1,229	2,141	1,904	6,490	11,781	5,556
Fruits for salad	do	1,101	1,680	1,573	7,575	11,005	6,937
All other	do	2,562	5,198	5,679	10,406	18,662	15,314
Dried fruits	Pound	1,012,796	938,699	1,084,385	64,167	75,892	60,585
Raisins	do	435,202	421,204	391,921	25,824	23,513	20,539
Prunes	do	438,886	347,349	447,196	23,738	30,362	19,941
Peaches	do	38,038	35,850	50,304	3,895	4,308	3,540
Apples	do	22,253	44,620	44,332	2,228	5,206	3,420
Apricots	do	36,755	43,090	74,138	5,439	7,320	7,348
All other	do	41,572	46,587	76,494	3,043	5,183	5,777
Dried and dehydrated vegetables	do	200			80	405	252
Fish, oysters, etc					64,410	75,993	41,359
Canned fish, oysters, etc					51,090	58,470	31,079
Salmon	Case [5]	1,504	1,561	1,187	15,712	14,303	7,615
Sardines	do. [6]	6,183	9,273	4,118	14,518	18,193	7,117
Shrimps	do. [7]	853	980	818	5,322	5,535	3,393
Tuna	do. [8]	1,256	1,541	1,190	8,368	10,798	7,213
Oysters	do. [7]	447	455	351	2,368	2,174	989
Clams	do. [7]	202	167	127	1,402	943	784
All other	do. [8]	586	1,157	697	3,400	6,523	3,968
Cured fish	Pound	91,213	99,789	66,364	13,320	17,523	10,280
Pickles, sauces, etc					116,005	135,263	99,771
Salad dressings					34,997	43,244	29,839
Sauces and prepared mustard and horseradish					19,567	18,543	15,062
Pickles					32,980	34,481	28,923
Ketchup					20,237	24,437	15,805
Kraut in bulk [9]					2,974	4,271	2,664
All other					5,250	10,287	7,478
Preserves, jams, etc					37,682	47,149	30,406
FLOUR, FEED, ETC.							
Grains, ground: [10]							
Wheat	Bushel [11]	544,054	546,242	526,098			
Corn	do. [11]	92,693	87,453	58,902			
Rye	do. [11]	9,255	9,671	8,107			
Buckwheat	do. [11]	2,761	2,027	1,310			
Oats	do. [11]	27,761	29,006	11,963			
Barley	do. [11]	8,180	9,499	5,902			
Other grains	do	3,805	1,939	1,879			
Flour, meal, feed, etc., all industries [1]					1,115,498	1,040,185	595,761
Wheat flour	Barrel [12]	118,132	120,040	115,364	820,273	737,309	450,855
Rye flour	do	1,724	1,679	1,568	9,299	9,179	5,336
Buckwheat flour	Pound	44,559	38,453	31,092	1,674	1,570	961
Corn meal and flour	Barrel [13]	9,867	11,077	8,889	44,840	55,520	28,046
Other flour	Pound	2,394	21,091	16,514	206	782	411
Bran and middlings	Ton [14]	4,638	4,682	4,826	142,194	141,985	73,672
Feed, screenings, etc	do	2,749	2,472	1,549	97,013	93,840	36,480

For footnotes, see p. 637.

No. 635.—Food Manufacturing Industries: Materials Used and Products—Continued

Industry, material, and product	Quantity (thousands of units specified)				Value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
CEREAL PREPARATIONS							
Cereal preparations, prepared flour, etc., all industries [1]					159,945	168,708	135,676
Breakfast foods					113,626	121,107	100,092
Made from wheat					41,511	47,386	34,696
Made from oats	Pound	843,521	718,382	836,936	39,960	36,419	29,613
Made from corn	do	293,465	383,867	371,169	22,177	27,458	21,370
Other	do		58,365	93,992	9,978	9,843	14,412
Prepared flour	do	880,678	1,002,399	951,513	38,186	39,076	31,992
Coffee substitutes	do	29,675	19,816	12,327	6,257	5,253	2,608
All other					1,875	3,272	984
CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH							
Corn sirup, corn oil, starch, etc., all industries [1]					111,123	135,216	87,144
Cornstarch	Pound	1,012,175	1,046,435	756,549	32,317	39,285	23,877
Corn sirup (incl. mixtures)	do	1,123,791	1,165,183	980,237	32,519	40,553	25,763
Corn sugar	do	904,831	896,121	802,440	25,635	30,217	20,441
Corn oil	do	148,290	176,499	142,215	18,275	20,165	12,250
All other					2,377	4,996	4,813
RICE CLEANING AND POLISHING							
Rough rice milled	Pound	1,915,038	1,749,962	1,743,070			
All products, total value					54,130	48,794	40,360
Clean rice	Pound	1,246,643	1,243,071	1,262,815	51,828	46,088	38,441
All other					2,302	2,706	1,919
BEET SUGAR							
Beets treated	Ton [14]	6,711	6,951	7,620			
All products, total value					104,927	108,553	85,673
Sugar	Ton [14]	899	1,086	1,165	98,585	100,767	81,812
Molasses	do	76	78	86	692	1,169	394
Pulp	do	1,308	1,461	1,376	4,414	5,231	2,833
All other					1,236	1,386	634
CANE SUGAR							
Cane crushed	Ton [14]	975	2,726	2,559			
All products, total value					8,009	18,326	13,981
Sugar	Ton [14]	56	180	176	5,115	13,750	11,704
Molasses other than blackstrap	Gallon	3,284	7,957	5,095	927	1,370	761
Blackstrap molasses	do	2,301	10,874	10,485	193	1,088	405
Sirup	do	3,885	4,625	3,551	1,341	1,341	924
All other					433	777	187
CANE SUGAR REFINING							
Raw sugar treated	Ton [14]	5,405	5,296	4,634			
All products, total value					597,446	507,389	395,303
Refinery products					597,039	507,198	395,151
Refined sugar	Ton [14]	5,128	5,115	4,430	593,620	502,404	392,199
Sirup	Gallon	5,537	4,320	3,399	1,247	920	720
Refiners' blackstrap	do	31,014	32,169	20,888	2,172	3,044	1,090
Misel. sugar products						830	1,141
All other products					407	191	152
CHOCOLATE AND COCOA PRODUCTS							
Chocolate, cocoa, etc., all industries [1]					125,532	119,359	87,125
Chocolate in cakes, including coatings	Pound	406,245	419,839	401,014	99,083	97,149	69,747
Cocoa	do	91,114	105,694	109,101	13,821	15,054	11,696
Cocoa butter	do	22,769	19,184	23,701	8,555	5,428	3,612
Other chocolate and cocoa products					4,073	1,728	2,070

[1] In the industry primarily engaged in making these products, data for [illegible] nts classified in other industries.

[3] No comparable data for quantity; value included in that for all other.
[4] See also "Kraut in bulk" under "Pickles, sauces, etc."
[5] 48 1-pound cans. [6] 100 No. ¼ cans. [7] 48 No. 1 cans. [8] 48 No. ½ cans.
[9] See also under "Canned vegetables and soup."
[10] In "Flour and other grain-mill products" industry only.
[11] Weight of bushel: Wheat, 60 pounds; corn and rye, 56; buckwheat and barley, 48; oats, 32.
[12] 196 pounds. [13] 200 pounds. [14] 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. 636.—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	816,168	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]	69,610	27,139	7,294	26	7,268	10,518	5,998	3,329
Lake [3]	104,320	55,895	5,095	2,664	2,431	8,880	28,165	13,755
Central [4]	163,840	64,249	21,224	1,664	19,560	25,592	12,245	5,188
South [5]	298,640	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					
				Combined saw-timber and cordwood growth (millions of cubic feet)			Saw-timber growth (millions of board feet)		
	Total	Softwoods	Hardwoods	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	1,785	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 [illegible] Rhode Island, and Connecticut.
[2] New York, [illegible] nd Maryland.
[3] Michigan, [illegible] a.
[4] Ohio, Indi[illegible] Tennessee, Iowa, and Missouri. Data for Kansas and Nebraska [illegible] om the central region estimates are unimportant.
[5] Virginia, N[illegible] 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. 637.—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	1,041,626	146,388	125,956
Eastern hardwoods, total	179,293	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	20,973	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				263	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. 638.—NATIONAL FORESTS: AREA AND STANDING TIMBER

NOTE.—On June 30, 1932, there were 16,076,147 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 1,373,147 acres of municipal and county forests and parks

State	Net area, 148 forests, June 30, 1933 (acres)	Standing timber, Dec. 31, 1930		State	Net area, 148 forests, June 30, 1933 (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	162,009,145	633,340	149,142	New Hampshire	500,955	1,067	1,253
Cont'l U.S.	140,654,228	552,485	141,526	New Mexico	8,507,274	9,028	
Alabama	[1] 134,042	254	5	North Carolina	[1] [2] 420,744	503	1,080
Arizona	11,388,785	14,059		Oklahoma	120,380		
Arkansas	[1] 1,270,677	1,442		Oregon	13,416,344	152,638	16,113
California	19,173,012	102,251	62	Pennsylvania	[1] 369,108	94	608
Colorado	13,389,122	38,251	8,495	South Carolina	47,602	103	90
Florida	[1] 582,888	171	702	South Dakota	1,071,734	2,910	1,635
Georgia	[1] 337,531	398	554	Tennessee	[1] 388,777	369	263
Idaho	19,487,444	58,275	21,191	Utah	7,629,163	7,283	681
Illinois	10,710			Vermont	31,381		
Louisiana	78,237	5	62	Virginia	[1] 607,323	777	3,470
Maine	33,482	52		Washington	9,600,130	102,309	12,525
Michigan	[1] 612,426	85	160	West Virginia	330,115	75	480
Minnesota	[1] 1,129,698	1,104	4,458	Wisconsin	[1] 219,428	11	15
Montana	16,100,632	30,565	57,680	Wyoming	8,480,770	28,158	9,926
Nebraska	206,026			Alaska	21,342,474	80,875	7,616
Nevada	4,978,282	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 637 and 638: Forest Service, Department of Agriculture.

No. 639.—NATIONAL FORESTS: LAND ACQUIRED OR APPROVED FOR PURCHASE UNDER THE WEEKS LAW, AS AMENDED BY THE CLARKE-McNARY LAW, TO JUNE 30, 1933

State and National forest or purchase unit	Total	Area approved for purchase	Area acquired
	Acres	*Acres*	*Acres*
Grand Total	**5,024,652**	**486,252**	**4,538,400**
Alabama: Alabama	117,466	1,133	116,333
Arkansas, total	353,348	28,693	324,655
Ouachita (part)	182,654	8,462	174,192
Ozark	170,694	20,231	150,463
Florida, total	247,694	13,330	234,364
Choctawhatchee	73,574	11,895	61,679
Ocala	25,583		25,583
Osceola	148,537	1,435	147,102
Georgia, total	347,434	9,915	337,519
Cherokee (part)	207,564	8,086	199,478
Nantahala (part)	139,870	1,829	138,041
Kentucky: Cumberland	14,264	14,264	
Louisiana, total	141,375	63,138	78,237
Evangeline	56,349	56,349	
Kisatchie	85,026	6,789	78,237
Maine: White Mountain (part)	35,152	1,670	33,482
Michigan, total	408,682	93,797	314,885
Hiawatha	121,379	52,973	68,406
Huron	107,302	11,448	95,854
Marquette	80,789	10,563	70,226
Ottawa	99,212	18,813	80,399
Minnesota: Superior	165,928	35,348	130,580
Mississippi: Homochitto	80,173	78,263	1,910
New Hampshire: White Mountain (part)	514,921	13,966	500,955
North Carolina, total	442,775	30,495	412,280
Cherokee (part)	8,415	1,400	7,015
Nantahala (part)	151,389	11,927	139,462
Pisgah (part)	282,971	17,168	265,803
Oklahoma: Ouachita (part)	60,799	1,899	58,900
Pennsylvania: Allegheny	380,011	8,856	371,155
South Carolina: Nantahala (part)	48,982	1,380	47,602
[illegible]	400,701	11,928	388,773
	206,733	2,514	204,219
	37,645	2,174	35,471
	156,323	7,240	149,083
Mountain	41,986	10,605	31,381
Virginia, total	623,499	16,311	607,188
George Washington (part)	383,457	6,641	376,816
Monongahela (part)	10,414		10,414
Natural Bridge	169,285	799	168,486
Unaka (part)	60,343	8,871	51,472
West Virginia, total	348,939	18,824	330,115
George Washington (part)	79,176	11,029	68,147
Monongahela (part)	269,763	7,795	261,968
Wisconsin: Nicolet	250,523	32,437	218,086

No. 640.—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	1927	1928	1929	1930	1931	1932	1933
Timber sales:							
Number	12,648	13,791	13,864	15,093	15,873	14,362	14,268
Quantity [1] M ft.[2]	642,698	2,689,916	1,050,894	3,370,417	605,306	352,584	356,792
Timber cut under sales do	1,091,621	1,336,614	1,421,188	1,254,963	793,816	383,721	389,500
Free timber given:							
Number of users	35,068	38,165	42,135	53,930	81,618	125,472	134,038
Timber cut M ft.[2]	81,363	82,442	86,768	116,096	167,680	270,244	265,812
Value dolls	91,346	90,111	97,518	116,786	162,017	226,947	237,044
Grazing, kinds of stock: [3]							
Cattle No	1,403,192	1,335,903	1,322,465	1,315,882	1,338,373	1,361,160	1,366,538
Goats do	18,046	17,070	15,487	13,496	14,645	12,438	11,045
Swine do	1,002	1,206	853	540	431	528	533
Horses do	55,629	51,956	48,171	41,961	37,335	35,105	31,797
Sheep do	6,376,838	6,497,081	6,650,719	6,700,846	6,593,583	6,308,500	6,150,921
Revenue, total dolls	5,166,606	5,441,601	6,299,802	6,751,553	4,993,320	2,294,247	2,626,049
From—							
Timber [4] do	3,253,243	3,325,245	4,108,595	4,389,893	2,607,618	1,049,108	782,808
Water power do	98,749	101,798	113,228	107,493	112,308	116,352	60,192
Special uses do	277,612	285,684	287,119	300,257	301,712	293,157	278,182
Grazing do	1,530,952	1,713,730	1,740,290	1,942,914	1,960,642	820,960	1,498,209
All other do	6,050	15,144	50,570	10,996	11,040	5,670	6,658

[1] Amount sold is to be cut during a period of years; hence greater than amount cut in any one year.
[2] Board measure.
[3] Number actually grazed under permit.
[4] Includes receipts from timber and turpentine sales, timber settlement and trespass.

Source of Tables 639 and 640. Forest Service: Department of Agriculture.

No. 641.—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*
1927	533, 210	359, 725	173, 485	35, 300	123, 138	2, 784	35, 747	4, 297	29, 088
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

[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. 642.—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:									
1928	3, 753	3, 578	3, 643	7, 703	5, 057	7, 200	1, 589	3, 540	3, 197
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, 626	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
Area burned (acres):									
1928 [1]	234, 680	151, 480	257, 860	600, 040	483, 890	1, 453, 130	176, 060	465, 450	250, 980
1929	355, 940	119, 060	319, 480	807, 340	585, 940	1, 652, 870	359, 420	447, 010	229, 260
1930	106, 630	259, 120	294, 960	1, 044, 460	736, 460	1, 766, 090	175, 540	623, 810	802, 250
1931 [1]	221, 160	141, 580	396, 830	927, 620	644, 910	2, 224, 570	146, 900	1, 002, 420	672, 350
1932 [1]	29, 460	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
Damage (dollars): [2]									
1928 [1]	378, 910	266, 600	281, 740	1, 477, 150	901, 120	2, 290, 990	964, 040	975, 990	713, 920
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, 639, 630	3, 260, 570
1931 [1]	1, 660, 310	769, 260	825, 190	1, 936, 000	1, 243, 060	4, 786, 410	888, 690	3, 185, 610	1, 237, 420

[1] The totals by causes, for these years, are less than the total area burned or total damage, shown in Tables 641 and 643 because of incomplete reports.

[2] See footnote 2, Table 641. Data for 1932 and 1933 are not available.

Source: Forest Service, Department of Agriculture.

No. 643.—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			
1927	587, 070	1, 536, 720	2, 123, 790	85, 580	539, 470	35, 610	660, 660	2, 784, 450
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

No. 643.—Forest Fires: Classification of Area Burned and Damage, Protected Areas Only—Continued

DAMAGE [1]

Year	Timber	Reproduction	Forage	Other	Total	Protection forest value	Grand total
1927	$1, 341, 230	$1, 527, 820	$398, 430	$1, 029, 920	$4, 297, 400	----------	$4, 297, 400
1928	2, 463, 050	2, 551, 130	612, 060	2, 305, 690	7, 932, 530	$514, 310	8, 446, 840
1929	5, 965, 850	3, 664, 750	403, 100	2, 911, 550	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

[1] See footnote 2, Table 641.

Source: Forest Service, Deparment of Agriculture.

No. 644.—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, 266	4, 002, 635	7, 047, 000	4, 146, 000	2, 901, 000
Ties, hewed	Piece	53, 215	633, 034	2, 025, 165	835, 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, 766	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	156, 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.

Sources: Forest Service, Department of Agriculture. Based in part upon forest products statistics of the Bureau of the Census, Department of Commerce.

No. 645.—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	12,756			(1)	1920	33,799	6,989	26,810	$38.42
1879	18,091			(1)	1921	26,961	4,775	22,186	23.47
1889	23,842			$11.41	1922	31,569	4,925	26,644	26.15
1899	[2]35,078	8,634	26,146	11.13	1923	37,166	6,262	30,904	31.78
1909	44,510	10,613	33,897	15.38	1924	35,931	6,525	29,406	28.57
1912	39,158	8,632	30,526	15.35	1925	38,339	6,628	31,710	28.02
1913	38,387	8,084	30,303	(1)	1926	36,936	6,467	30,469	27.34
1914	37,346	7,939	29,407	(1)	1927	34,532	6,090	28,442	25.80
1915	37,012	7,527	29,485	14.04	1928	34,142	5,797	28,345	26.61
1916	39,807	8,475	31,332	15.32	1929	36,886	7,073	29,813	26.94
1917	35,831	6,657	29,174	20.32	1930	26,051	4,729	21,323	22.81
1918	31,890	6,223	25,667	24.79	1931	16,523	2,671	13,852	18.56
1919	34,552	7,145	27,407	30.21	1932	10,151	1,406	8,746	15.12

Species	Production by species								
	1899	1909	1919	1925	1927	1929	1930	1931	1932
Softwoods:									
Yellow pine	9,659	16,277	13,063	13,236	10,891	11,630	7,450	4,430	3,069
Douglas fir	1,737	4,856	5,902	8,154	8,443	8,689	6,453	4,648	2,904
White pine	7,742	3,900	1,724	1,521	1,344	1,248	1,109	716	433
Hemlock	3,421	3,051	1,755	2,140	2,071	2,099	1,517	960	337
Ponderosa pine (Western yellow pine)	945	1,500	1,755	3,127	2,799	3,288	2,594	1,822	1,288
Spruce	1,442	1,749	980	751	529	564	442	234	156
Cypress	496	956	656	903	610	532	491	332	165
Redwood	360	522	410	511	570	486	403	211	136
Cedar	233	346	332	372	306	309	238	150	86
Larch	51	421	388	307	288	245	174	86	50
White fir		89	223	337	280	307	207	121	52
Sugar pine	54	97	134	307	282	349	205	106	48
Balsam fir		109	68	20	16	38	8	11	4
Lodgepole pine		24	16	25	13	31	30	25	19
All other softwood	9								
Hardwoods:									
Oak	4,438	4,414	2,708	2,129	2,013	2,574	1,662	954	516
Maple	633	1,107	857	922	774	824	601	328	160
Gum, red and sap	285	707	851	1,101	1,101	1,104	694	343	202
Yellow poplar	1,115	859	329	376	335	436	258	172	86
Chestnut	207	664	546	308	264	268	151	89	48
Birch	133	452	375	412	327	374	284	172	73
Beech		511	359	181	154	187	138	81	42
Basswood	308	399	184	180	146	133	96	57	21
Elm	457	347	194	191	161	176	110	57	20
Cottonwood	415	266	144	142	104	165	158	77	49
Ash	269	291	155	179	137	152	116	68	34
Hickory	97	334	170	79	52	57	30	14	8
Tupelo		97	144	220	267	307	254	135	89
Walnut	39	46	39	70	65	72	36	23	9
Sycamore	30	57	28	24	29	58	26	23	8
All other hardwood	209	62	61	115	163	186	113	77	40

[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. 646.—LUMBER: Reported Production by Regions and States

[In millions of board feet. See headnote, Table 645]

Region and State	1889	1899	1909	1919	1927	1929	1930	1931	1932
United States	23,842	35,078	44,510	34,552	34,532	36,886	26,051	16,523	10,151
Northeastern	4,726	5,709	5,197	2,584	1,231	1,232	994	603	388
Maine	597	785	1,112	590	264	258	222	152	102
New Hampshire	277	572	650	339	216	192	182	94	61
Vermont	384	376	352	218	91	120	94	61	40
Massachusetts	212	344	361	167	88	72	82	43	39
Connecticut	49	108	168	87	56	30	21	13	5
New York	925	878	681	358	143	160	110	74	39
New Jersey	34	74	62	37	5	16	12	7	5
Pennsylvania	2,133	2,333	1,463	630	278	314	209	123	73
Maryland	82	184	268	113	68	55	48	29	18
Rhode Island	8	19	25	11	7	7	7	3	3
Delaware	23	36	55	27	17	10	8	4	4
Central	3,130	5,643	5,487	3,016	1,829	2,347	1,367	821	417
Ohio	565	990	543	280	123	176	108	53	32
Indiana	755	1,037	556	282	148	170	98	53	27
Illinois	222	388	170	65	29	38	25	18	8
Missouri	402	724	660	321	189	228	127	75	35
West Virginia	302	778	1,473	763	542	633	406	247	135
Kentucky	423	775	861	512	198	339	189	111	51
Tennessee	460	951	1,224	792	595	764	414	263	128
Southern States	3,718	8,404	14,796	12,704	12,068	12,484	8,140	4,721	2,973
Georgia	575	1,312	1,342	894	1,201	1,386	753	460	264
Florida	412	790	1,202	1,137	907	1,137	876	577	320
Alabama	589	1,101	1,691	1,799	2,172	2,059	1,342	732	544
Mississippi	454	1,206	2,573	2,390	2,557	2,669	1,484	863	531
Arkansas	538	1,024	2,111	1,772	1,229	1,348	869	508	277
Louisiana	304	1,115	3,552	3,164	2,386	2,232	1,607	949	567
Texas	843	1,232	2,099	1,380	1,446	1,452	1,045	556	405
Oklahoma	3	22	226	168	170	200	163	77	65
North Carolina Pine States	1,129	2,712	5,177	3,374	2,408	2,979	2,018	1,263	984
Virginia	416	959	2,102	1,098	536	708	495	311	227
North Carolina	515	1,287	2,178	1,654	1,055	1,202	815	501	383
South Carolina	199	466	898	622	817	1,068	707	450	354
Lake States	8,251	8,750	5,476	2,692	1,795	1,771	1,326	712	290
Michigan	4,300	3,018	1,890	876	578	571	467	257	111
Minnesota	1,084	2,342	1,562	700	397	357	222	95	58
Wisconsin	2,866	3,389	2,025	1,116	820	843	637	360	120
Pacific States	2,028	2,901	6,905	8,818	13,390	14,149	10,670	7,494	4,545
Washington	1,064	1,429	3,863	4,961	7,326	7,302	5,502	3,908	2,261
Oregon	446	735	1,899	2,577	3,993	4,784	3,654	2,628	1,604
California and Nevada	[1] 518	738	[1] 1,144	1,280	2,071	2,063	1,514	[1] 958	681
Rocky Mountain States	249	556	1,292	1,299	1,748	1,843	1,462	873	554
Montana	90	256	309	287	396	389	297	158	111
Idaho	28	65	646	765	924	1,020	840	500	248
Arizona	5	36	63	74	169	175	95	85	58
New Mexico	26	31	92	87	173	148	143	59	72
Colorado	80	134	142	65	67	72	55	48	39
Utah	14	18	13	12	6	5	6	6	5
Wyoming	6	17	29	9	13	26	25	17	21
All other	612	401	[2] 179	65	64	81	73	37	21
Iowa	571	352	132	18	[3] 17			[4] 7	2
Kansas	4	11	[2] 16	3	(5)	20	13	4	1
Nebraska	9	5						(5)	
North Dakota	7	2							
South Dakota	21	32	31	43	47	61	59	27	17
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	3.6	3.3	3.8	3.6	3.8
Central States	13.1	16.1	12.3	8.7	5.3	6.4	5.2	5.0	4.1
Southern States	15.6	24.0	33.3	36.8	34.9	33.8	31.3	28.6	29.3
North Carolina Pine States	4.7	7.7	11.6	9.8	7.0	8.1	7.7	7.6	9.5
Lake States	34.6	24.9	12.3	7.8	5.2	4.8	5.1	4.3	2.8
Pacific States	8.5	8.3	15.5	25.5	38.8	38.4	41.0	45.4	44.8
Rocky Mountain States	1.1	1.6	2.9	3.7	5.0	5.0	5.6	5.3	5.5
All other	2.6	1.1	.4	.2	.2	.2	.3	.2	.2

[1] California only; for 1909 Nevada included with "All other." [2] Includes Nevada.
[3] Includes Kansas. [4] Includes Nebraska. [5] Included with Iowa.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 647.—LUMBER: Average Mill Value per 1,000 Board Feet

Kind of wood	1899	1909	1919	1923	1925	1927	1928	1929	1930	1931	1932
All kinds [1]	$11.13	$15.38	$30.21	$31.78	$28.02	$25.80	$25.61	$26.94	$22.81	$18.58	$15.12
SOFTWOODS											
Balsam fir	(2)	13.99	32.23	27.62	26.65	25.92	25.40	25.49	26.72	19.34	19.32
Cedar	10.91	19.95	33.80	37.56	38.80	34.39	38.32	34.83	31.14	24.08	24.55
Cypress	13.32	20.46	38.38	44.61	40.90	39.91	36.18	35.29	33.10	30.64	24.02
Douglas fir	8.67	12.44	24.62	26.99	20.94	19.45	19.02	20.05	16.91	12.05	10.61
Hemlock	9.98	13.95	29.16	26.21	21.58	19.06	18.84	18.90	17.04	14.13	12.39
Larch (tamarack)	8.73	12.68	23.39	21.98	18.25	17.69	18.34	18.35	17.18	14.18	10.76
Lodgepole pine	(2)	16.25	29.98	21.76	20.22	20.82	19.29	17.97	17.64	14.46	12.45
Ponderosa pine (western yellow pine)	9.70	15.39	27.75	33.09	27.70	26.04	26.35	26.47	23.52	20.48	16.88
Redwood	10.12	14.80	30.04	43.08	33.99	33.81	31.39	31.00	30.33	20.82	24.33
Spruce	11.27	16.91	30.76	31.44	27.98	26.59	26.50	28.64	23.66	23.00	17.73
Sugar pine	12.30	18.14	35.99	45.33	44.79	43.22	39.06	43.08	38.10	28.76	26.26
White fir	(2)	13.10	25.66	23.84	22.51	19.92	20.00	20.63	17.57	14.94	12.23
White pine	12.69	18.16	32.83	34.85	32.58	29.90	28.71	29.87	27.81	24.71	21.58
Yellow pine	8.46	12.69	28.71	29.82	26.46	23.77	24.62	25.66	21.06	16.99	13.32
HARDWOODS											
Ash	15.84	24.44	52.69	50.35	48.46	43.82	45.61	43.14	39.72	41.06	28.74
Basswood	12.84	19.50	40.03	45.60	39.76	39.84	39.72	39.88	35.31	28.54	23.81
Beech	(2)	13.25	29.98	30.22	29.21	27.21	28.63	28.39	25.89	22.93	17.97
Birch	12.50	16.95	35.79	43.33	41.68	41.03	40.30	39.35	36.39	30.95	26.26
Chestnut	13.37	16.12	32.30	29.75	30.37	29.35	31.09	29.51	23.91	22.50	17.87
Cottonwood	10.37	18.05	32.24	30.19	26.70	30.92	27.54	29.70	22.73	19.54	16.49
Elm	11.47	17.52	36.39	43.53	36.41	36.22	37.89	35.28	30.20	25.37	19.07
Gum, red and sap	9.63	13.20	32.68	32.35	31.39	32.81	31.91	34.42	27.67	22.68	16.84
Hickory	18.78	30.80	44.37	46.39	39.25	37.08	38.83	40.33	33.00	32.65	29.85
Maple	11.83	15.77	35.56	41.59	39.18	35.35	36.31	36.93	34.45	28.80	22.82
Oak	13.78	20.50	37.87	39.08	37.00	35.72	35.23	38.43	29.29	27.68	22.84
Sycamore	11.04	14.87	30.32	30.25	31.11	29.31	30.06	30.07	26.54	22.40	18.71
Tupelo	(2)	11.87	28.42	24.90	24.66	24.45	25.51	25.39	23.47	19.05	17.40
Walnut	36.49	43.79	72.13	109.38	111.53	111.64	112.54	119.15	100.75	90.44	57.87
Yellow poplar	14.03	25.39	41.65	51.29	43.44	38.58	40.90	41.66	35.19	30.02	26.02

[1] Includes species not shown separately. [2] No data.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 648.—VENEERS: Timber Consumed in Manufacturing Veneers

[In thousands of feet, log scale]

State	1925	1927	1929	1931
Total	734,599	961,561	1,112,910	696,350
Alabama	38,561	41,424	43,221	24,364
Arkansas	58,122	57,611	63,363	36,001
California	10,454	18,379	28,698	14,463
Florida	29,999	77,321	96,199	56,657
Georgia	11,412	38,646	40,388	29,762
Illinois	11,967	11,414	15,821	8,539
Indiana	15,474	25,092	30,779	17,147
Kentucky	23,309	24,193	21,437	11,121
Louisiana	34,395	35,012	47,617	31,030
Michigan	18,096	20,811	20,434	11,316
Mississippi	57,268	80,218	75,427	43,798
New York	24,095	27,304	37,377	18,723
North Carolina	64,640	78,171	96,417	52,266
Oregon	29,793	32,091	55,644	23,978
South Carolina	29,669	35,311	48,960	28,194
Tennessee	40,454	25,586	24,710	15,642
Texas	5,711	29,216	32,488	30,965
Virginia	26,416	33,319	24,688	32,314
Washington	112,484	140,319	181,826	135,370
Wisconsin	34,292	37,864	38,724	21,160
All other	57,988	92,199	88,692	53,540

Kind of wood	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	20,661	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	88,123	50,116
Walnut	17,573	20,786	26,893	8,524
Yellow pine	45,818	92,153	119,785	60,128
Yellow poplar	50,770	56,899	71,989	38,151
All other	40,460	76,224	96,586	37,456
Imported, total	13,734	17,568	17,666	7,535
Mahogany	7,471	11,954	3,741	2,437
Spanish cedar	5,149	4,829	3,917	2,044
All other	1,114	785	10,008	3,054

Source: Bureau of the Census, Department of Commerce.

No. 649.—LATH AND SHINGLES: PRODUCTION

[All figures in thousands of lath or shingles]

Year (calendar)	Lath	Shingles	Year (calendar)	Lath	Shingles
1899	2,523,998	12,102,017	1924	2,961,200	6,862,385
1909	3,703,195	14,907,371	1925	3,161,137	7,324,027
1915	2,745,134	8,459,378	1926	3,083,130	6,008,346
1918	1,362,187	5,690,182	1927	2,372,333	6,443,868
1919	1,724,078	9,192,704	1928	1,903,887	5,603,690
1920	1,952,983	6,156,416	1929	1,705,858	6,110,672
1921	1,970,696	6,843,187	1930	1,097,255	3,964,110
1922	2,940,714	8,131,242	1931	614,250	2,713,972
1923	3,328,013	7,506,869	1932	406,089	2,111,300

State	Lath				Shingles			
	1919	1929	1931	1932	1919	1929	1931	1932
Alabama	42,502	33,478	11,686	8,870	62,241	9,896	3,223	2,048
Arkansas	72,827	13,906	4,402	2,485	98,937	4,808	3,466	2,537
California	53,042	[1] 54,166	[1] 15,418	[1] 9,392	191,831	[1] 111,435	[1] 30,696	[1] 16,799
Florida	76,402	107,036	51,316	30,348	128,286	38,991	19,140	5,744
Georgia	19,718	12,467	4,668	600	114,806	24,973	7,878	9,034
Idaho	69,150	92,813	37,358	13,676	22,657	18,088	----------	4,332
Louisiana	199,018	71,458	25,760	29,887	300,784	13,705	20,541	18,658
Maine	104,223	73,767	4,792	10,529	188,676	96,146	64,268	38,791
Michigan	51,469	17,520	5,566	2,176	144,173	35,999	7,704	4,963
Minnesota	115,741	56,653	15,651	6,421	4,451	50	100	----------
Mississippi	96,204	87,937	23,298	21,186	34,002	11,158	2,641	2,994
Montana	21,362	17,002	6,761	4,361	253	20	100	233
North Carolina	19,079	8,206	1,545	331	92,139	24,241	6,661	2,998
Oregon	122,848	236,716	103,015	61,535	530,066	330,672	222,577	181,957
Texas	35,916	46,830	9,781	11,680	13,581	4,176	549	800
Virginia	27,073	8,497	5,526	13,617	1,637	33	----------	70
Washington	339,058	568,819	236,243	104,447	7,095,122	5,333,374	2,292,931	1,812,583
West Virginia	22,005	77,501	15,098	7,748	120	----------	----------	428
Wisconsin	138,936	67,066	19,801	6,550	96,928	37,611	26,168	2,034
All other	97,505	54,030	17,475	10,250	72,114	15,206	5,329	4,297

[1] Includes Nevada.

No. 650.—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, and in 1931, 94,311,000, nearly all elm

Year and kind of wood	Staves (thousands)		Heading (thousand sets)	
	Tight	Slack	Tight	Slack
1909	379,231	2,029,548	20,691	140,234
1919	353,825	1,121,324	24,274	87,381
1921	255,047	893,621	20,505	66,747
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
1931				
Ash	3,826	21,710	324	[1]
Basswood	[1]	[1]	[1]	787
Beech	--------	[1]	--------	600
Cottonwood	--------	22,884	--------	927
Douglas fir	44,946	20,799	5,638	627
Elm	--------	36,366	--------	[1]
Gum	18,397	160,375	920	3,721
Oak	78,968	6,394	6,752	583
Pine	32,072	198,125	4,269	28,271
Spruce	22,936	41,788	1,776	5,864
Tupelo	[1]	8,334	--------	[1]
All other	3,479	20,402	411	1,995

State	Slack staves (thousands)		Slack heading (thousand sets)	
	1929	1931	1929	1931
Alabama	66,969	[1]	20,416	15,095
Arkansas	169,118	64,966	[1]	--------
Florida	30,842	19,567	2,563	1,824
Georgia	18,815	9,681	9,277	4,636
Kentucky	2,470	[1]	[1]	[1]
Louisiana	75,236	42,196	[1]	1,245
Maine	9,875	2,787	1,780	282
Maryland	11,826	7,199	190	132
		[1]	1,954	[1]
		65,435	[1]	[1]
Missouri	52,634	23,236	[1]	--------
New Hampshire	7,521	[1]	974	[1]
New York	--------	[1]	246	[1]
North Carolina	74,032	61,453	3,848	2,579
South Carolina	--------	[1]	6,595	4,525
Tennessee	27,903	11,773	[1]	[1]
Virginia	196,622	95,510	2,829	1,726
All other	188,916	133,374	21,919	11,331

[1] Included in "All other."

Sources of Tables 649 and 650: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 651.—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	1928	7,160,100	97,024	$13.55
1909	4,001,607	34,478	8.62	1924	6,768,082	92,672	16.07	1929	7,645,011	100,054	13.09
1914	4,470,763	39,408	8.81	1925	6,093,821	94,340	15.48	1930	7,195,524	88,684	12.32
1919	5,447,832	87,386	15.95	1926	6,766,007	101,229	14.96	1931	6,722,766	73,524	10.94
1921	4,557,179	91,589	20.10	1927	6,750,935	95,452	14.14	1932	5,633,123	51,769	9.19

Kind of wood	Total consumption (cords)				Consumption by processes, 1932 (cords)			
	1919	1929	1931	1932	Mechanical [1]	Sulphite	Sulphate	Soda [2]
Total	**5,477,832**	**7,645,011**	**6,722,766**	**5,633,123**	**1,144,390**	**2,150,986**	**1,709,419**	**628,328**
Spruce:								
Domestic	2,313,419	2,074,267	1,651,051	1,423,836	675,294	694,501	54,041	-------
Imported	873,795	1,029,913	676,339	608,171	229,921	[3] *378,250*	-------	[4]
Hemlock:								
Domestic	795,154	1,309,170	1,185,272	806,230	105,445	552,635	*[3] 148,150*	[4]
Imported		15,379	5,776					
Yellow pine (southern)	234,463	1,086,272	1,294,503	1,279,832	[4]	[3] *44,349*	1,166,429	69,054
Poplar:								
Domestic	180,160	329,466	266,603	192,461	*23,893*	[3] *25,171*	[4]	*143,397*
Imported	168,220	157,829	94,238	85,693	[4]	[4]	-------	[3] *85,693*
Balsam fir:								
Domestic	181,840	317,552	338,790	243,224	56,432	157,413	29,379	-------
Imported	106,974	45,412	55,601	47,835	[4]	[3] *47,896*	-------	-------
Jack pine [5]	51,581	205,760	159,273	154,214	[4]	-------	[3] *154,214*	-------
Beech, birch, and maple [6]	184,111	76,950	69,681	65,958	-------	[4]	-------	[3] *65,958*
Tamarack (larch) [6]	44,042	51,835	35,433	15,652	-------	[4]	[3] *15,652*	-------
Cottonwood	[7]	[7]	[7]	[5] 37,525	18,362	-------	-------	[5] 19,163
Yellow poplar [6]	72,605	129,697	73,504	74,151				
Gum [6]	30,355	39,685	22,440	17,553	[3] 12,416	[3] 63,275	[3] 8,576	[3] 146,748
White fir [6]	31,138	111,054	109,277	70,968				
Other wood	44,894	153,485	126,942	68,343				
Slabs and mill waste	175,081	561,285	558,043	441,477	[8]	[8]	[8]	[8]

[1] Ground. [2] Includes small quantity of semichemical. [3] [illegible]
[4] Included with processes shown in italics to avoid disclosures.
[5] Domestic only. [6] Included with "Other wood." [7] [illegible]
[8] Not shown separately to avoid disclosing data for individual establishm[illegible]

No. 652.—WOOD PULP: TOTAL PRODUCTION AND BY STATES AND PROCESSES

NOTE.—In 1932, 1,133,964 tons of mechanical pulp were not steamed and 69,080 tons steamed; of the sulphite and sulphate pulp, 1,515,297 tons were unbleached and 659,188 bleached

Year	Tons [1]	Year	Tons [1]	Year	Tons [1]	Year	Tons [1]
1899	1,179,525	1919	3,517,952	1925	3,962,217	1930	4,630,308
1909	2,495,523	1921	2,875,601	1927	4,313,403	1931	4,409,344
1914	2,893,150	1923	3,788,672	1929	4,862,885	1932	3,760,267

State and process [1]	1909	1919	1925	1929	1930	1931	1932
Principal States:							
Maine	620,705	916,764	917,632	981,433	905,088	889,416	764,834
Louisiana	-------	[2]	87,147	246,590	243,915	260,765	289,021
New York	679,534	811,958	770,777	662,988	596,219	466,510	353,867
Wisconsin	324,609	506,549	599,601	733,617	701,011	586,271	476,228
Pennsylvania	135,525	215,686	224,399	213,083	188,943	160,023	130,149
New Hampshire	212,599	232,134	217,489	212,774	138,332	[2]	[2]
Michigan	64,369	106,194	161,063	178,015	193,418	150,111	153,323
Minnesota	37,295	129,560	171,536	189,664	182,456	148,369	134,509
Washington	[2]	83,575	161,858	523,948	566,137	580,016	420,529
Vermont	59,356	85,945	46,597	26,307	25,047	25,601	[2]
Virginia	48,641	[2]	145,619	206,050	216,365	223,417	207,660
California	83,692	123,990	160,736	256,546	248,592	237,532	187,133
Oregon							
Other States	229,298	305,597	297,763	431,870	424,785	681,313	643,014
Process:							
Mechanical	1,179,266	1,518,829	1,629,689	1,649,112	1,566,832	1,459,355	1,203,322
Sulphite	1,017,631	1,419,829	1,447,191	1,729,889	1,604,991	1,453,194	1,167,263
Soda	298,626	411,693	472,647	520,729	475,771	374,054	290,703
Sulphate	-------	120,878	412,690	922,674	952,501	1,036,113	1,031,817
Semichemical	-------	-------	-------	40,481	30,213	86,628	67,162

[1] Beginning 1914 includes screenings except data by process for 1919. [2] Not shown separately.
Source of Tables 651 and 652: Bureau of the Census, Department of Commerce.

No. 653.—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			
	1925	1927	1929	1930 [1]	1931	1932 [1]	1925	1927	1929	1931
Paper and paper boards, total	9,182	10,002	11,140	10,169	9,382	7,998	862,589	872,207	903,301	631,106
Standard newsprint, in rolls and sheets	1,563	1,517	1,409	1,226	1,203	1,047	106,083	98,782	80,707	63,654
Hanging	105	113	101	106	86	61	9,506	9,035	7,294	5,800
Poster, novel, newstablet, lining, etc	84	183	151	(2)	136	(2)	7,096	15,573	11,743	9,624
Catalog			112	115	89	64			9,571	7,064
Book	1,343	1,329	1,498	1,390	1,209	946	177,292	160,869	168,272	120,283
Cover	24	26	28	40	24	14	5,806	5,938	6,430	4,372
Writing (fine)	474	509	608	575	488	424	105,474	105,148	113,224	77,865
Wrapping	1,292	1,525	1,606	1,580	1,402	1,244	143,587	162,580	163,442	110,885
Boards	3,287	3,774	4,451	4,061	3,848	3,309	192,942	211,264	227,742	149,112
Tissue	281	316	388	362	395	359	45,735	46,617	53,300	45,041
Absorbent	51	64	91	82	77	58	10,000	13,331	16,973	14,774
Building	582	626	659	469	395	294	45,692	40,062	39,376	18,129
All other	96	21	39	164	31	183	13,375	3,008	5,228	4,501

[1] Value not reported.
[2] Included with "All other."
Source: Bureau of the Census, Department of Commerce.

No. 654.—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)	2,434,933	2,434,933	(4)
1904	31,129,236	30,687,051	442,185	1,964,674	1,964,674	(4)
1909	[5] 29,714,132	28,988,954	706,868	1,827,760	1,827,760	(4)
1914	[5] 27,648,989	26,980,931	575,557	[5] 1,649,160	1,615,043	29,022
1919	19,228,174	17,693,841	1,534,333	1,269,717	1,138,660	131,057
1923	29,781,944	27,174,580	2,607,364	1,990,865	1,790,087	200,778
1924	29,333,450	[6] 26,072,200	[7] 3,261,250	2,018,296	[6] 1,720,765	[7] 297,531
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	[8] 25,500,000	[9] 3,983,055	2,105,480	[8] 1,740,000	[6] 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	[6] 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

State	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	1,847,880	120,839	123,798	115,027	115,048
Florida	6,992,489	9,847,151	9,159,916	7,802,435	486,432	623,188	621,032	518,259
Georgia	3,997,310	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	1,192,484	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	1,336,952	971,125	7,636	73,936	90,587	58,084

[1] The figures of turpentine and rosin from crude gum beginning with 1919 and from wood beginning with 1925 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; data are not available by States.
Source: Bureau of the Census, Department of Commerce, except as noted.

30.—FISHERIES

No. 655.—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	540,298	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

Calendar year	Massachusetts		Rhode Island		Connecticut	
1880		7,959.8		696.8		933.2
1902	230,646	6,482.4	21,614	1,155.7	37,832	1,799.4
1908	244,313	7,095.0	44,254	1,752.0	66,942	2,982.0
1919	246,951	10,859.7	48,251	3,296.6	23,653	1,700.6
1928	380,169	15,648.8	27,666	2,397.9	72,198	3,296.6
1929	447,689	18,052.5	28,401	2,435.3	54,879	3,635.4
1930	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6
1931	355,834	12,951.0	21,683	1,662.8	45,771	2,016.2
1932	347,593	8,928.3	20,536	1,491.4	21,046	1,110.6

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	408,203	8,489.1	329,453	4,225.7	65,151	3,176.6	1,680	89.1	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	110,002	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

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

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	1,256.6	32,249	845.7	6,143	212.5	2,272	120.0	2,287	78.4
1902	106,446	2,839.6	67,585	1,739.7	8,174	263.0	11,103	359.1	19,584	477.9
1908	166,875	4,034.0	101,422	1,776.0	14,104	288.0	14,828	701.0	36,521	1,269.0
1918	332,614	5,348.6	210,502	2,978.7	3,747	207.7	37,154	416.0	81,211	1,746.2
1927	260,669	5,695.9	144,466	2,777.4	8,374	350.4	47,607	697.2	60,222	1,870.9
1928	258,440	6,027.2	141,899	2,629.2	7,432	316.8	42,069	866.3	67,040	2,214.9
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	272,940	4,153.2	168,938	1,836.4	5,106	252.9	34,873	536.3	64,023	1,527.6
1931	148,414	2,962.3	98,161	1,087.6	5,837	211.5	7,350	251.1	37,066	1,412.1
1932	154,304	2,383.5	86,214	826.7	4,536	123.4	16,523	185.9	47,031	1,247.5

No. 655.—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	119.8
1902	113,697	3,494.2	48,120	1,462.2	9,351	266.7
1908	118,274	4,860.0	37,566	2,120.0	10,665	387.0
1918	130,924	6,510.3	54,754	3,420.4	5,609	230.6
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	144,820	6,911.6	56,392	3,118.1	7,113	315.5
1931	140,896	5,119.6	46,988	2,181.3	6,168	222.8
1932	144,647	4,044.8	55,294	1,725.9	6,106	168.6

Calendar year	Mississippi		Louisiana		Texas	
	1,000 pounds	*1,000 dollars*				
1880	788	22.5				
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	56,208	2,863.5	21,083	1,054.3
1928	30,701	1,060.1	69,507	3,477.9	15,212	875.0
1929	34,620	1,005.3	61,020	2,764.6	16,024	007.3
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	71,883	2,903.1	23,400	890.9	25,169	1,010.8	23,313	1,091.4
1899	219,338	6,316.2	121,630	2,884.9	23,246	862.9	74,462	2,568.4
1908	176,150	6,839.0	100,456	3,513.0	28,217	1,356.0	47,477	1,970.0
1915	286,205	9,300.7	158,983	5,317.1	34,708	1,495.5	92,513	2,488.1
1924	477,515	20,416.5	93,042	7,487.7	39,578	3,203.6	344,895	9,725.1
1925	624,022	25,510.4	143,714	10,406.3	40,007	3,442.4	440,301	11,661.7
1926	521,286	18,914.7	89,637	7,942.3	32,998	3,068.0	398,651	7,904.3
1927	651,197	22,306.6	125,655	9,145.4	34,195	3,102.9	491,347	10,058.3
1928	693,484	20,512.8	82,874	7,500.8	27,474	2,686.3	583,136	10,325.7
1929	1,034,434	25,038.4	152,224	9,562.7	25,284	2,005.2	856,926	12,870.5
1930	833,389	23,064.1	110,039	8,334.8	26,459	2,256.3	696,891	12,473.0
1931	597,307	13,603.2	140,491	5,121.8	25,819	1,282.2	430,997	7,199.2
1932	566,829	9,484.3	94,960	3,378.0	22,986	728.7	442,883	5,377.6

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	51,457	1,109.1
1899	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,394	1,150.9
1908	106,631	3,768.0	10,198	342.0	40,019	1,554.0	12,932	486.0	41,922	1,280.0
1917	103,759	6,298.0	15,447	726.7	35,461	2,270.9	13,363	857.5	38,300	2,330.2
1926 [2]	72,908	6,444.6	13,436	760.5	20,495	2,077.6	13,132	1,261.0	25,057	2,246.5
1927 [2]	79,188	6,614.8	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	9,043	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	695.3	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	1,610.2	34,772	1,698.9
1932	83,744	4,331.8	10,173	379.3	20,692	1,236.3	15,848	1,143.1	33,670	1,439.3

[1] Includes small amounts for Lake Ontario, Lake-of-the-Woods, Namakan Lake, Rainy Lake, Lake St. Clair, and St. Clair and Detroit Rivers not shown separately.
[2] Data collected for the most part by State fishery agencies and compiled by the Bureau of Fisheries.

No. 655.—Quantity and Value of the Products of the Fisheries of Specified Sections—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

	Total		Tributary	1922		1931	
	1,000 pounds	*1,000 dollars*		*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1894	44,545	1,384.6	Arkansas River [4]	2,034	136.3	777	49.9
1899	96,797	1,781.0	Atchafalaya River [5]	4,579	254.7	9,231	523.1
1903	93,374	1,841.2	Cumberland River	723	14.7	106	13.0
1908	148,284	3,125.0	Illinois River [6]	12,661	617.3	5,985	159.7
1922	105,734	4,503.5	Missouri River [6]	1,232	105.2	1,051	94.3
1931	82,383	2,897.4	Ohio River [3]	7,458	379.1	1,221	96.5
	Mississippi River [3]		Red River [6]	6,677	324.5	6,417	277.4
			St. Francis River [6]	3,684	108.9	2,173	65.6
			Tennessee River [6]	4,990	98.3	5,222	75.0
1894	21,242	587.8	Wabash River [6]	12,063	357.8	8,388	152.0
1899	68,604	823.0	White River (Missouri and Arkansas) [6]	14,662	405.9	12,363	256.7
1903	53,851	1,157.4	Yazoo River [4]	1,022	55.6	1,311	57.8
1922	33,945	1,645.3					
1931	28,139	1,076.3					

[3] Including minor tributaries.
[4] Includes tributaries in 1931.
[5] Not included with Mississippi River and tributaries, 1899 to 1908.
[6] Including tributaries.

No. 656.—SUMMARY OF THE FISHERIES OF THE UNITED STATES AND ALASKA, 1932

Section	Fishermen	Fishing vessels	Fishing boats	Products	
				Quantity	Value
	Number	*Number*	*Number*	*1,000 pounds*	*1,000 dollars*
Total	116,105	3,750	68,382	2,613,174	54,764
New England States	16,472	620	9,607	480,521	14,001
Middle Atlantic States	8,370	415	3,687	141,221	4,654
Chesapeake Bay States	20,946	322	14,282	359,007	5,905
South Atlantic and Gulf States	21,560	512	12,934	298,951	6,428
Pacific Coast States	17,882	937	6,029	560,828	9,484
Lake States	6,932	498	3,159	83,744	4,332
Mississippi River States [1]	15,884		14,546	82,382	2,898
Alaska	8,059	446	4,138	606,520	7,062

[1] Figures for the Mississippi River States are for 1931.

No. 657.—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			
	1930	1931	1932	1933	1930	1931	1932	1933
Grand total	38,850	40,748	42,266	43,353	3,482,304	2,308,024	1,797,611	2,443,235
Landed by U. S. vessels [1]	16,562	17,208	24,142	24,085	1,703,083	1,172,314	1,055,607	1,491,970
Halibut	12,618	15,214	21,841	22,127	1,529,103	1,107,266	995,634	1,431,431
Sablefish	2,659	1,299	1,691	1,280	121,701	45,134	42,022	39,765
Lingcod	747	406	379	471	30,829	12,080	10,995	13,735
Rockfishes	538	289	231	207	21,450	7,834	6,956	7,039
Received by wholesale dealers [2]	22,288	23,538	18,124	19,268	1,759,221	1,135,710	742,004	951,265
Salmon—								
Humpback or pink	9	4,683	7	2,524	236	61,624	74	63,751
Chum or keta	4,662	3,234	3,674	3,985	69,214	53,021	45,482	111,691
King or spring	9,582	8,900	7,824	5,127	1,158,328	683,140	445,768	367,802
Coho or silver	4,631	4,452	4,601	4,759	344,629	220,606	165,393	272,337
Sockeye or red	90	46	23	391	10,753	4,064	1,327	30,803
Trout, steelhead	86	136	114	237	12,080	12,751	6,403	17,828
Smelt	497	269	191	258	28,385	11,741	6,630	12,032
Sole	325	389	336	548	12,433	11,681	7,895	15,350
Crabs	1,389	948	876	595	98,638	60,153	48,218	36,000
Miscellaneous	1,017	481	478	844	24,525	16,929	14,814	23,666

[1] Halibut fleet. [2] Does not include fish received from Alaska or Canada.

Source of Tables 655, 656, and 657: Bureau of Fisheries, Department of Commerce.

No. 658.—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:									
1922	159,875	55,180	70,196	5,374	5,097	2,247	5,624	4,727	11,430
1923	174,941	62,655	73,762	6,338	4,804	2,998	4,875	11,565	7,945
1924	182,948	61,449	79,902	7,285	5,085	3,406	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	36,233	11,511
1927	263,850	63,355	128,593	5,862	7,663	2,727	4,779	31,530	19,341
1928	277,982	59,302	155,331	8,423	8,040	2,358	3,385	24,253	16,890
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	15,018	13,280	4,433	2,581	33,513	24,689
1931	263,685	60,645	132,846	7,755	7,631	4,265	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
Boston:									
1931	219,945	49,920	120,287	5,904	5,028	3,447	2,310	19,858	13,191
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
Gloucester:									
1931	24,850	6,815	5,056	602	1,398	146	56	7,351	3,426
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
Portland:									
1931	18,890	3,910	7,503	1,249	1,205	672	205	2,315	1,831
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
	Value in thousands and tenths of thousands of dollars								
All three ports:									
1922	5,465.9	1,635.3	1,809.4	111.3	118.0	34.6	784.1	276.0	696.8
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	789.6	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	9,057.7	2,647.5	3,082.9	146.2	153.7	69.6	671.2	1,406.0	880.1
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	10,349.1	2,198.7	5,036.5	221.7	174.4	62.7	609.0	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	6,645.8	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
Boston:									
1931	7,906.5	1,418.5	4,081.2	143.9	83.7	68.3	341.7	889.8	879.4
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
Gloucester:									
1931	775.8	207.2	136.6	11.6	19.3	1.7	5.7	275.7	118.0
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
Portland:									
1931	567.0	132.7	216.6	22.5	10.7	13.2	28.5	60.2	82.6
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

No. 659.—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 635 and 738

Product	1926	1927	1928	1929	1930	1931	1932	1933
Total value	98,328	94,177	110,753	124,833	106,579	79,514	56,216	66,909
Salmon	56,219	45,729	54,638	56,086	42,835	38,083	26,460	36,241
California sardines	7,807	9,269	9,659	11,997	8,742	4,715	2,358	3,805
Maine and Massachusetts sardines	6,727	5,249	8,076	6,898	4,459	2,647	1,370	2,397
Tuna and tunalike fishes	5,282	8,368	8,374	9,873	13,056	7,279	6,183	6,934
Shrimps and crabs	4,147	5,348	5,226	5,559	5,017	3,995	2,676	3,623
Clams	2,005	2,745	2,624	2,548	2,666	2,257	1,797	1,690
Oysters	2,027	2,368	2,761	2,732	1,837	964	1,008	1,075
Miscellaneous canned products	1,978	2,308	4,514	5,372	4,246	3,009	1,897	3,709
Menhaden—meal, scrap, and oil	3,442	3,690	3,440	3,630	2,674	1,140	1,180	1,571
Miscellaneous by-products	8,691	9,103	11,441	20,138	21,047	15,425	11,286	5,864

Source of Tables 658 and 659: Bureau of Fisheries, Department of Commerce.

No. 660.—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:								
1926	7,488.6	489.6	346.2	6,652.9	56,219.3	5,428.3	4,711.0	46,080.0
1927	5,076.6	1,091.0	413.5	3,572.1	45,728.8	10,168.2	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
Coho or silver:								
1931	284.4	85.0	29.5	169.9	2,022.1	657.6	257.9	1,106.6
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
Chum or keta:								
1931	612.7	67.4	11.5	533.8	1,948.8	213.5	34.6	1,700.7
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
Humpback or pink:								
1931	3,659.3	705.5	----	2,953.8	12,700.5	2,485.0	----	10,215.5
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
King, chinook, or spring:								
1931	381.0	112.4	216.7	51.9	4,210.1	1,297.1	2,425.6	487.4
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
Red or sockeye:								
1931	1,790.2	93.7	2.2	1,694.3	17,045.6	1,423.6	35.9	15,586.1
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
Steelhead:								
1931	12.4	4.7	7.6	.1	156.1	57.3	98.2	.6
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	----

Source: Bureau of Fisheries, Department of Commerce.

No. 661.—ALASKA FISHERY INDUSTRIES: SUMMARY OF PRODUCTS

Product	Unit	Quantity in thousands of unit specified					Value in thousands of dollars				
		1920	1925	1930	1932	1933	1920	1925	1930	1932	1933
Total	----	----	----	----	----	----	41,492	40,039	37,679	25,029	32,123
Salmon:											
Canned	Case	4,429	4,460	5,032	5,254	5,226	35,603	31,990	23,695	21,716	28,376
Fresh and frozen	Pound	5,165	5,193	7,909	7,379	4,860	424	395	679	297	252
Cured, all forms	do	3,067	6,895	6,979	7,131	6,358	510	1,297	1,096	578	752
By-products	do	2,071	1,738	2,703	1,147	1,181	105	60	62	17	20
Halibut, fresh and frozen	do	15,295	10,972	31,557	13,552	14,069	1,727	884	2,991	493	726
Herring:											
Fresh and frozen	do	----	----	79	----	----	----	----	4	----	----
Cured for food	do	8,582	35,171	8,765	13,363	13,507	542	2,323	496	639	620
Bait	do	4,085	7,087	9,298	6,487	4,472	41	39	103	48	39
By-products	do	11,186	34,806	50,002	35,011	45,317	720	1,490	1,531	487	744
Cod	do	12,764	2,854	322	197	338	1,117	129	17	6	13
Sablefish	do	584	1,043	449	87	103	29	45	21	2	5
Other fish	do	110	142	484	25	119	14	10	26	3	3
Shrimps	do	112	520	514	302	319	49	207	211	114	102
Crabs	do	8	206	107	319	571	2	53	35	91	156
Clams	do	222	2,066	853	879	523	47	492	242	447	246
Whales:											
Oil	do	8,317	7,224	7,034	5,574	2,344	436	556	417	77	55
Fertilizer	do	3,190	2,444	2,340	2,090	1,034	120	57	51	14	14
All other	do	18	797	43	----	----	6	12	2	----	----

Source: Bureau of Fisheries, Department of Commerce.

No. 662.—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	4.43	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
1919	43,265	4,584	233	1,366	1,612	96	1,278	11.27	6.82	8.35	13.13	12.98
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	29,787	4,502	176	566	1,658	31	2,071	5.47	3.98	4.34	8.08	9.24
1923	32,873	5,036	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	2,601	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	30,016	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	5,032	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

No. 663.—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	83,682	1,070,757	4,898	250.00
1915	4,288,758	536,260	3,694,282	58,216	131.55
1920	4,770,356	630,749	3,872,218	267,388	130.11
1925	5,301,862	1,050,393	4,114,514	136,954	135.61
1926	5,232,240	737,135	4,195,939	299,166	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	4,062,948	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	7,073,929	2,808,231	4,117,085	148,613	141.90
1933	7,202,155	2,677,817	4,342,000	182,338	117.70

Species	1933			Species	1933		
	Eggs	Fry	Fingerlings		Eggs	Fry	Fingerlings
Catfish			29,417	Grayling	50	146	
Buffalofish	94,049		1,053	Pike and pickerel			163
Carp	23,500		2,232	Mackerel		5,127	
Shad		22,737		Crappie			15,046
Glut herring		25,000		Largemouth black bass		1,125	2,950
Whitefish	500	156,721		Smallmouth black bass		806	357
Cisco		15,100					
Chinook salmon	10,354	13,437	34,491	Rock bass			91
Chum salmon		21,594		Warmouth bass			22
Silver salmon	807	2,004	1,597	Sunfish			19,200
Sockeye salmon	3,011	27,717	21,985	Pike perch		127,775	
Humpback salmon	2,608	154		Yellow perch		172,635	374
Steelhead salmon	338		1,563	White perch		3,350	
Atlantic salmon	500		474	White bass			21
Landlocked salmon	25	8	911				
Rainbow trout	5,860	128	8,558	Fresh-water drum			15
Black-spotted trout	6,353		14,122	Cod	1,812,414	498,338	
Loch Leven trout	12,054	2,436	5,579	Haddock	704,250	29,533	
Lake trout	840	18,683	356	Pollock		13,861	
Brook trout	150	2,923	15,454	Winter flounder		3,180,662	
Dolly Varden trout	154			Miscellaneous fishes			6,298

[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 662 and 663: 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 741 p. 730]

No. 664.—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	2,499	411	2,077	11
1915	2,395	992	1,400	2					

[1] Less than $500,000.

Source: Bureau of Mines, Department of the Interior.

No. 665.—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 (New York)	Antimony (New York)	Quicksilver (New York)	Platinum (New York)
1896–1900	[3] 13.41	3.84	19.54	[4] 4.55	37.15	8.204	42.17	[5] 16.66
1901–1905	13.877	4.330	28.194	[6] 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
1910	12.738	4.446	34.123	5.370	22.97	7.386	47.06	32.70
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	5.051	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	20.090	106.30	102.82
1918	[7] 24.628	7.413	[8]	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	84.64
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	23.39	7.667	115.01	45.36
1931	8.116	4.243	24.467	3.640	22.90	6.720	87.35	35.67
1932	5.555	3.180	22.017	2.876	22.90	5.592	57.93	36.46
1933	7.025	3.869	39.110	4.029	22.90	6.528	59.23	30.99

[1] Flasks of 75 pounds prior to 1928; 76 thereafter.
[2] 99 per cent tin, 1896 to 1919; Straits tin, thereafter.
[3] Prices 1895 to 1898 are for Lake copper.
[4] Data are for New York zinc.
[5] Average for 1899 and 1900 only.
[6] Average, 1903–1905; average for New York zinc, 1901–1905, 5.058 cents.
[7] Average of 11 months.
[8] No average computed.

Sources: Engineering and Mining Journal; American Metal Market for aluminum, 1909–1933.

No. 666.—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 1[illegible] of the Statistical Abstract owing to the exclusion of data for the petroleum and [illegible] (no data having been collected in 1929) and the inclusion of data for the sand and moulding-sand industries (data having been collected for the first time in 1929)

	All enterprises	Producing enterprises	Nonproducing enterprises	
			Number or amount	Per cent of total
Number of enterprises	10,990	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	49,364	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. 667. PRODUCING MINES AND QUARRIES: PRINCIPAL STATISTICS, CONTINENTAL UNITED STATES

	1909 [1]	1919 [1]	1929		Per cent 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**	**952,565**	**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**	**6,970,091**	**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)	**1,052,589**	**2,226,671**	**2,392,831**	**2,280,384**	**111.5**	**2.4**

[1] The figures for 1909, 1919, and 1929 have been adjusted to make them comparable.

Source of Tables 666 and 667, Bureau of the Census, Department of Commerce.

No. 668.—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	6,970,091	1,161,415	1,066,606	2,226,671	2,280,384
New England	334	347	7,213	7,979	62,725	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	682	569	4,336	5,455	826	773	1,568	1,562
Vermont	100	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				723,094	2,294,998	446,802	413,541	777,718	717,793
New York	147				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	29,117	89,035	51,757
Indiana	398	375	26,348	15,968	121,994	156,645	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	55,948	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	147,986	16,777	15,538	33,366	43,479
North and South Dakota	107	150	2,559	2,507	13,881	35,202	3,526	3,334	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	107,316	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	196,088	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	9,439
Florida	55	65	3,372	3,061	44,969	106,384	3,108	3,046	8,976	13,525
E. South Central and W. South Central	1,970	1,491	109,793	120,698	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	4,565	7,783	9,796
Louisiana and Mississippi	4	2	387	94	6,886	590	469	100	8,001	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	700,398	980,410	127,508	132,711	299,454	397,995
Montana	269	169	16,001	14,575	143,473	201,749	25,666	25,718	49,666	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	40,864	50,855	11,090	9,664	19,969	18,817
Colorado	523	333	16,710	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	39,966	45,278
Washington	93	90	5,050	3,652	37,998	39,321	7,466	5,796	13,329	12,277
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. 669.—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 [illegible] for diatomaceous earth are included in the figures for 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	1,041,465	210,289	229,967	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	66,390	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	26,107
Gold, placer mines	132	37	1,380	578	35,632	20,280	1,914	970	9,369	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	22,069	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	9,658	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	3,292	4,398	7,539
Sandstone	276	172	4,287	2,156	33,869	28,935	4,449	2,626	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	3,828	322	491	722	1,411
Asbestos	11	11	146	195	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	6,650
Phosphate rock	69	33	4,373	3,201	49,639	104,146	3,901	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	2,688
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	------	14,792	------	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 [illegible] ass-sand, molding-sand, and sand and gravel industries, no data having been colle[illegible] 1919.

[2] Distri[illegible]

[3] Emery; garnet and industrial sapphires and diamonds; grinding pebbles and tube-mill lining; grindsto[illegible] stones, and rubbing stones; pumice and volcanic ash (pumicite).

[4] [illegible] tungsten, vanadium.

[5] [illegible] artz, quartzite, silica rock, silica sand, siliceous mica schist, tripoli.

[6] Borates, cyanit[illegible] [illegible] minerals (amblygonite, lepidolite, and spodumene), mineral pigments, tantalum, [illegible]

Source: Bureau of the Census, Department of Commerce.

No. 670.—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: Per cent
All industries [1]	10,099	11,566	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	988	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	9,663	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. 671.—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	28,508	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	26,842	14,589	320,718	29,427	360
Copper	44,234	(x)			(x)	24,416	*19,818*	
Limestone	31,578	*118*	(x)	460	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	*5,862*	102
Granite	9,806	44	97	595	4,239	2,326	2,505	
Gold, lode	5,079	(x)				*1,971*	*3,108*	(x)
Gold, placer	534	(x)				*39*	495	
Clay	4,139	*78*	(x)	*98*	281	744	2,021	917
Slate	4,027	191		(x)	*925*	52	*2,959*	(x)
Marble	3,308	(x)	(x)		*217*	94	*2,997*	(x)
Basalt	3,016			*187*	(x)	406	2,392	91
Silver	2,451	(x)				*90*	*2,561*	(x)
Sandstone	2,068	(x)		*187*	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 670 and 671: Bureau of the Census, Department of Commerce.

No. 672.—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	1926	1927	1928	1929	1930	1931	1932
Continental United States	5,485,743	4,888,555	4,708,113	5,164,963	4,249,935	2,854,199	2,284,598
New England	50,707	48,531	49,053	49,101	40,619	32,370	21,383
Maine	5,786	5,476	5,923	6,749	6,228	4,889	3,174
New Hampshire	4,145	3,447	3,816	3,726	3,337	2,796	1,352
Vermont	14,955	14,703	14,649	14,603	11,637	8,422	6,401
Massachusetts	16,787	16,295	16,234	16,031	12,723	11,170	8,039
Rhode Island	1,339	1,311	831	940	1,209	793	506
Connecticut	7,695	7,299	7,600	7,053	5,485	4,300	1,911
Middle Atlantic	1,244,848	1,122,074	1,080,381	1,074,167	935,351	714,283	497,688
New York	112,016	112,210	108,026	109,361	99,622	78,007	49,881
New Jersey	77,066	73,091	70,865	71,892	57,206	41,633	23,073
Pennsylvania	1,055,766	936,773	881,490	892,914	778,523	594,643	424,734
East North Central	761,391	660,742	642,488	676,012	543,627	364,475	236,421
Ohio	253,884	226,963	211,041	220,061	186,972	130,928	87,997
Indiana	118,692	107,578	98,584	96,962	79,227	50,852	34,603
Illinois	237,242	180,394	188,099	182,791	148,311	108,066	71,693
Michigan	130,861	124,030	123,826	151,976	111,406	62,786	34,714
Wisconsin	20,712	21,777	20,938	24,222	17,711	11,843	7,414
West North Central	423,120	347,534	348,016	392,950	325,710	192,733	133,564
Minnesota	118,361	102,973	108,275	136,350	103,931	55,275	12,273
Iowa	35,972	33,426	35,499	35,955	33,358	21,615	18,523
Missouri	90,004	75,890	74,981	78,948	69,074	41,806	29,245
North Dakota	2,805	2,870	3,083	3,466	3,056	2,271	2,386
South Dakota	7,595	8,464	9,443	8,914	11,076	11,339	11,118
Nebraska	3,322	3,542	3,455	4,845	4,962	3,623	1,548
Kansas	165,061	120,369	113,280	124,472	100,253	56,804	58,471
South Atlantic	519,412	481,112	440,831	450,973	380,543	289,619	199,741
Delaware	378	493	482	467	425	395	300
Maryland	24,067	20,469	18,418	18,470	14,990	11,330	7,234
District of Columbia	987	1,375	1,031	1,065	1,288	282	1,819
Virginia	46,136	41,323	38,770	39,753	34,603	26,150	16,927
West Virginia	395,942	366,643	336,637	346,565	290,119	221,735	155,643
North Carolina	10,993	11,704	11,480	10,964	7,462	5,554	2,466
South Carolina	3,677	4,251	4,046	3,592	3,341	3,031	951
Georgia	17,480	16,758	14,740	15,294	12,831	10,291	6,293
Florida	19,752	18,096	15,227	14,804	15,484	10,851	7,108
East South Central	271,658	271,694	243,628	241,344	201,427	140,224	95,527
Kentucky	146,768	152,614	131,970	132,650	111,691	74,868	59,076
Tennessee	39,207	37,875	39,217	40,720	32,499	24,461	14,562
Alabama	83,710	78,641	69,807	65,402	55,462	38,507	19,170
Mississippi	1,883	2,554	2,634	2,573	1,775	2,388	2,719
West South Central	1,136,796	1,009,814	967,071	1,116,555	947,374	564,491	651,545
Arkansas	84,486	59,449	45,010	41,325	34,901	18,692	15,540
Louisiana	62,204	51,267	56,810	62,726	71,929	61,693	60,921
Oklahoma	569,519	524,595	486,634	516,685	390,171	181,905	185,121
Texas	420,587	374,503	378,617	495,820	450,373	302,201	389,963
Mountain	526,261	458,780	493,577	579,548	369,988	231,619	148,294
Montana	79,763	68,265	74,752	93,842	50,995	32,360	19,017
Idaho	31,753	29,184	28,589	32,143	22,904	13,177	9,478
Wyoming	78,988	56,167	52,951	51,237	46,735	30,893	27,343
Colorado	65,597	58,855	58,595	55,332	46,271	32,970	25,800
New Mexico	28,514	28,609	30,427	37,128	31,350	25,350	20,264
Arizona	115,048	100,559	116,000	167,960	82,934	41,603	15,204
Utah	98,985	90,388	97,381	115,131	64,224	40,302	22,620
Nevada	27,613	26,753	34,882	36,776	24,075	14,964	6,568
Pacific	551,550	488,284	463,068	584,313	505,296	324,355	302,435
Washington	21,257	21,966	22,120	22,435	20,076	14,801	12,817
Oregon	6,941	6,821	6,687	6,877	6,170	5,045	2,989
California	523,352	459,497	434,261	555,001	479,050	304,539	286,629
Alaska	17,607	14,402	14,024	15,947	13,707	12,371	11,526

Source: Bureau of Mines, Department of the Interior.

No. 673.—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 1933 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

Products	Quantity						Value in thousands of dollars					
	1915	1920	1925	1930	1932	1933	1915	1920	1925	1930	1932	1933
METALLIC												
Aluminum ..... 1,000 pounds		138,000	140,000	229,035	104,885	85,126	16,280	41,375	36,430	50,961	20,453	16,174
Antimonial lead[1] ..... short tons	23,224	12,535	19,667	13,711	(1)	(1)	3,666	1,963	3,786	1,393	(1)	(1)
Antimony ..... do	[2] 5,364	[2] 2,785	[2] 2,624	[2] 1,685	[3] 1,776	(3)	[2] 2,374	[2] 473	[2] 918	[2] 258	(3)	(3)
Bauxite ..... long tons	297,041	521,308	316,540	330,612	96,349	154,176	1,515	3,247	1,988	1,928	548	923
Cadmium ..... pounds	91,415	129,283	502,824	2,777,762	799,501	2,276,933	108	151	277	1,778	(4)	(4)
Chromite ..... long tons	3,281	2,502	108	80	155	843	37	45	2	2	2	12
Copper,[5] sales value ..... 1,000 pounds	1,388,010	1,209,061	1,674,870	1,394,389	544,010	449,999	242,902	222,467	237,832	181,271	34,273	28,800
Ferro-alloys ..... long tons	388,644	612,808	616,222	650,240	218,646	421,423	17,450	77,519	53,048	51,900	14,004	28,654
Gold[6] ..... 1,000 troy ounces	4,888	2,476	2,412	2,286	2,449	2,556	101,036	51,187	49,860	47,248	50,626	[6] 65,338
Iron:												
Ore ..... 1,000 long tons	55,493	69,281	63,925	55,201	5,331	24,624	[7] 101,289	[7] 285,006	[7] 160,797	[7] 145,619	[7] 12,898	[7] 63,776
Pig ..... do	30,384	35,710	36,815	29,905	8,518	14,353	401,410	1,140,904	739,316	512,165	126,033	213,348
Lead (refined),[5] sales value ..... short tons	507,026	476,849	654,921	573,740	255,337	259,616	47,660	76,296	113,956	57,374	15,320	19,212
Manganese ore (35 per cent or more Mn.) ..... long tons	9,613	94,420	98,324	67,035	17,777	18,558	113	2,396	1,858	1,437	377	452
Manganiferous ore (5 to 35 per cent Mn.) ..... long tons	195,735	767,664	1,448,054	785,390	25,434	191,631	817	2,438	3,752	2,402	92	529
Mercury, metal ..... flasks (76 pounds net)	20,756	13,216	9,053	21,553	12,622	9,402	1,805	1,067	763	2,479	731	557
Mercury ore ..... short tons	159,000	109,000	65,000	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Nickel (value at New York City) ..... do	822	365	272	308	195	126	538	293	170	214	89	63
Ores (crude), tailings, etc.:												
Copper ..... 1,000 short tons	43,404	36,765	53,262	47,382	12,319	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Copper-lead and copper-lead zinc ..... do	11	27	229	246	167	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Dry and siliceous (gold and silver) ..... do	12,687	8,590	8,995	7,767	8,226	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Lead ..... do	7,497	7,200	8,560	8,080	4,454	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Lead-zinc ..... do	18,176	12,383	17,741	10,645	3,336	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Zinc ..... do		2,651	3,411	5,980	1,184	(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	17,616	51,539	479	4,698	5,662	2,049	592	1,631
Silver ..... 1,000 troy ounces	74,961	55,362	66,155	50,748	23,981	23,003	37,397	60,802	45,912	19,538	6,763	8,051
Tin (metallic equivalent) ..... short tons	102	22	14	17	(9)	3	79	22	16	10	(9)	2
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	396	895	4,100	102	756	509	218	514
Uranium and vanadium ores ..... do		35,076	13,070	(4)	(4)	105	694	2,401	331	(4)	(4)	4
Zinc,[5] sales value ..... do	458,135	450,045	555,631	489,361	207,148	306,010	113,617	72,907	84,456	46,979	12,429	25,705
Total metallic products (approximate)							991,730	1,762,350	1,380,280	982,550	283,700	411,300

For footnotes see p. 663.

No. 673.—Mineral Products of the United States: Quantities and Values—Continued

Products	Quantity						Value in thousands of dollars					
	1915	1920	1925	1930	1932	1933	1915	1920	1925	1930	1932	1933
NONMETALLIC												
Arsenious oxide—short tons	5,498	11,502	12,317	17,425	12,483	11,797	302	2,021	1,199	1,008	651	636
Asbestos—do	1,731	1,648	1,258	4,242	3,559	4,745	77	678	52	289	105	131
Asphalt:												
Native—do	740,254	898,993	584,850	702,777	340,019	313,135	5,242	13,199	4,148	4,463	1,943	1,705
Oil (including road oil)—do			1,206,700	2,273,546	2,308,785	2,122,458			[7] 15,306	[7] 21,570	[7] 14,898	[7] 15,946
Barite (crude)—do	108,547	228,113	228,063	234,932	129,854	167,880	381	2,142	1,703	1,538	746	853
Borates—do	67,003	120,320	113,700	177,360	181,915	188,047	1,677	2,173	3,086	5,352	3,024	3,436
Bromine—1,000 pounds	856	1,161	1,566	8,463	5,728	10,148	856	745	488	2,110	1,183	2,040
Calcium-magnesium chloride—short tons	20,535	27,849	67,870	116,160	66,286	57,813	131	539	1,387	2,208	1,163	893
Cement—1,000 bbls. (376 lbs. net)	87,685	97,079	159,047	160,846	81,368	[10] 64,086	75,155	195,590	281,076	231,249	82,718	[10] 83,965
Clay:												
Products							160,080	373,670	[11] 423,447	[11] 275,134	[11] 89,024	[12]
Raw—1,000 short tons	2,363	3,116	4,030	3,963	1,392	1,840	[7] 3,972	[7] 11,614	[7] 12,737	[7] 12,521	[7] 5,202	[7] 6,841
Coal:												
Bituminous [13]—do	442,624	568,667	520,053	467,526	309,710	327,940	502,038	2,129,933	1,060,402	795,483	406,677	445,998
Pennsylvania anthracite—do	88,995	89,598	61,817	69,385	49,855	49,399	184,653	434,252	327,665	354,574	222,375	213,400
Coke—do	41,581	51,345	51,267	47,972	21,789	27,555	[7] 105,504	[7] 494,246	[7] 262,559	[7] 209,137	[7] 104,337	[7] 122,844
Diatomite and tripoli—short tons	35,304	102,155	102,418	[14] 32,439	[14] 14,775	[14] 20,878	167	1,649	1,357	[14] 508	[14] 233	[14] 350
Emery—do	3,063	2,327	769	555	250	1,056	31	22	6	6	3	12
Feldspar (crude)—long tons	93,855	135,551	185,706	171,788	104,715	150,633	489	851	1,316	1,067	540	779
Fluorspar—short tons	136,941	186,778	113,669	95,849	25,251	72,930	764	4,719	2,052	1,747	392	1,039
Fuller's earth—do	47,901	128,487	206,574	335,644	252,902	251,158	489	2,506	2,924	4,327	2,441	2,316
Garnet for abrasive purposes—do	4,301	5,476	8,429	5,003	1,950	2,794	140	434	713	314	147	225
Gems and precious stones							170	265	[15]	[15]	[15]	[15]
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]		417	576	57	[4]	[4]	
Grindstones and pulpstones—short tons		53,484	37,340	18,700	7,668	14,176	648	1,707	1,706	771	247	444
Gypsum—1,000 short tons	2,448	3,129	5,678	3,471	1,416	1,335	6,597	24,533	47,577	27,051	12,906	11,927
Lime—do	3,623	3,570	4,581	3,388	1,960	2,224	14,424	37,544	42,609	25,616	12,302	14,006
Magnesite (crude)—short tons	30,499	303,767	120,660	129,320	38,462	108,187	274	2,748	1,433	1,033	283	840
Mica:												
Scrap—do	3,959	5,723	9,695	6,732	7,040	8,751	51	167	174	109	84	98
Sheet—1,000 pounds	554	1,683	1,794	1,465	339	365	378	547	322	177	46	53
Millstones							53	63	22	18	4	8
Mineral paints:												
Natural pigments—short tons	57,442	[16]	[16]	[16]	[16]	[16]	552	[16]	[16]	[16]	[16]	[16]
Zinc and lead pigments [17]—do	141,383	143,244	199,190	147,948	92,812	129,355	14,962	24,565	28,311	18,420	9,821	13,194
Mineral waters—1,000 gallons	52,114	36,218	[15]	[15]	[15]	[15]	5,139	4,861	[15]	[15]	[15]	[15]
Natural gas—1,000,000 cu. ft	628,579	798,210	1,188,571	1,943,421	1,555,990	1,480,000	101,312	196,194	265,271	416,090	384,632	375,000
Natural gasoline—1,000 gallons	65,365	384,744	1,127,470	2,210,494	1,523,800	1,411,600	5,151	71,788	120,383	128,160	49,244	53,640
Oilstones, etc—short tons		1,144	970	651	331	587	115	232	272	137	64	97
Peat—do	42,284	73,204	72,436	[15]	[15]	[15]	289	922	453	[15]	[15]	[15]

Petroleum ..... 1,000 barrels (42 gals.)	281,104	442,929	763,743	893,011	785,159	898,874	179,463	1,360,745	1,284,960	1,070,200	680,460	540,000
Phosphate rock ..... 1,000 long tons	1,836	4,104	3,482	3,926	1,707	2,490	5,413	25,080	11,546	13,997	5,738	7,872
Potash (K_2O) ..... short tons	1,090	41,444	25,802	56,610	55,620	139,067	342	7,463	1,204	2,986	2,103	5,297
Pumice ..... do	27,708	41,838	40,380	56,843	53,214	61,220	63	114	179	336	235	242
Pyrites ..... long tons	394,124	310,777	170,081	[18] 347,512	[18] 189,703	[18] 284,311	1,675	1,597	650	[18] 1,029	[18] 499	[18] 770
Salt ..... 1,000 short tons	5,352	6,840	7,398	8,054	6,408	7,605	11,748	29,894	26,162	25,009	19,939	22,318
Sand:												
Glass ..... 1,000 short tons	1,884	2,166	2,335	1,849	1,370	1,820	1,607	4,749	3,836	3,211	2,267	[4]
Molding, building, etc., and gravel ..... do	74,719	79,875	169,667	195,203	118,668	102,180	21,515	60,913	103,706	111,966	55,256	[4]
Sand-lime brick ..... thousands	179,643	169,761	[11] 315,595	[11] 191,193	[11] 52,853	[12]	1,135	2,490	[11] 3,781	[11] 1,951	[11] 433	[12]
Silica (quartz) ..... short tons	112,575	68,190	25,444	13,156	7,487	11,153	274	320	205	121	59	71
Slate ..... do		468,700	724,600	463,610	284,240	259,620	4,959	8,726	12,575	7,912	3,104	2,696
Stone ..... 1,000 short tons		78,527	115,851	126,996	[19] 70,644	[19] 76,000	74,595	133,542	174,217	178,949	[19] 89,064	[19] 87,400
Sulphur ..... 1,000 long tons	294	1,518	1,858	1,990	1,109	1,637	4,959	30,000	29,000	35,800	20,000	29,500
Sulphuric acid (60° Baumé) from copper and zinc smelters ..... 1,000 short tons	[20] 905	[20] 1,230	1,007	1,188	600	656	7,621	13,617	7,513	9,544	4,029	4,338
Talc and soapstone ..... short tons	186,891	210,635	[21] 182,256	[21] 179,385	[21] 123,221	[22] 160,554	1,892	3,035	[21] 2,012	[21] 2,108	[21] 1,362	[22] 1,681
Total nonmetallic products (approximate)							**1,400,484**	**5,214,170**	**4,291,100**	**3,773,400**	**2,172,000**	**2,076,900**
SUMMARY OF VALUES												
Metallic products							991,730	1,762,350	1,380,280	982,550	283,700	411,300
Nonmetallic products (exclusive of fuels)							427,867	1,021,260	1,232,420	1,008,900	428,400	448,700
Mineral fuels							972,617	4,192,910	3,058,680	2,764,500	1,743,600	1,628,200
"Unspecified" (metallic and nonmetallic) products (partly estimated)							2,430	4,820	6,250	8,850	6,000	10,800
Grand total (approximate)							**2,394,644**	**6,981,340**	**5,677,630**	**4,764,800**	**2,461,700**	**2,499,000**

[1] From both domestic and foreign ores. No comparable data for 1932 and 1933; 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. Value not included in total value. Bureau of Mines not at liberty to publish value for 1932 and figures for 1933.

[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).

[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] Quantity, 1,000 pounds; value, $220.

[10] Portland cement only; estimate of value of natural cements included in total value nonmetallic products.

[11] Figures obtained through cooperation with Bureau of the Census. [12] Figures not yet available. Estimate of value included in total value of nonmetallic products.

[13] Includes brown coal and lignite and anthracite mined elsewhere than in Pennsylvania.

[14] *Tripoli only.* Value of diatomite is included in total value of nonmetallic products. Bureau of Mines not at liberty to publish figures.

[15] No canvass. Estimate of value included in total value of nonmetallic products.

[16] Canvass discontinued after 1915. Value of iron ore sold for paint included under "Unspecified." [17] Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.

[18] Figures include pyrites concentrates from Tennessee and partly desulphurized tailings from zinc operations in Wisconsin; similar output in 1915 to 1925 was not included.

[19] Includes soapstone used as dimension stone. [20] In 1915 includes 59,189 tons and in 1920, 23,728 tons of stronger acid, not converted to 60° Baumé.

[21] Talc only. Value of soapstone in 1925 and 1930 and ground soapstone in 1932 is included in value of nonmetallic products. Bureau of Mines not at liberty to publish figures.

[22] Talc and ground soapstone.

Source: Bureau of Mines, Department of the Interior.

No. 674.—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 per cent or more of manganese has been excluded

Yearly average or year	Production	Shipments	Exports	Imports
1881–1890	10,385			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	64,952	1,021	2,709
1919	60,965	56,373	997	476
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	2,768
1924	54,267	52,083	595	2,047
1925	61,908	63,925	631	2,191
1926	67,623	69,203	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

Production	1930	1931	1932	1933
REGION				
Lake Superior [1]	49,383	25,877	8,139	14,611
Birmingham	5,552	3,495	1,336	2,044
All other	3,474	1,760	371	898
STATE				
Alabama	5,738	3,615	1,375	2,133
Michigan	13,544	7,553	2,555	2,434
Minnesota	34,518	17,445	5,154	11,949
Missouri	133	112	30	[2]
New Jersey	395	294	31	73
New York	889	275	31	59
Pennsylvania	965	368	103	264
Utah	279	184	137	95
Wisconsin	1,321	880	430	228
Wyoming	320	181		289
All other	306	225	1	28
KIND				
Hematite	[3] 455,266	[4] 29,665	[4] 9,622	16,921
Brown ore	[3] 720	360	62	235
Magnetite	[4] 2,421	[4] 1,105	[4] 163	397
Carbonate	1	1	[2]	[2]

[1] Includes only those mines in Wisconsin which are in true Lake Superior district. [2] Less than 500 tons.
[3] Some hematite included with brown ore. [4] Some hematite included with magnetite.

No. 675.—ANALYSIS OF PIG IRON AND FERRO-ALLOY PRODUCTION

[In thousands of long tons (2,240 pounds) unless otherwise specified]

	1900	1910	1915	1920	1925	1929	1930	1931	1932	1933
Total pig iron and ferro-alloys	13,789	27,304	29,916	36,926	36,701	42,614	31,752	18,426	8,781	13,346
By States:										
New England	14	17	8	10		3,025	2,211	1,275	710	765
New York, New Jersey	463	2,203	2,105	2,601	2,188					
Pennsylvania	6,366	11,272	12,791	13,983	12,523	14,453	10,305	5,233	2,188	3,893
Maryland and Virginia	781	771	503	953	830	1,166	1,088	692	380	619
Alabama	1,184	1,939	2,049	2,393	2,836	2,710	2,395	1,671	667	906
Ohio	2,471	5,752	6,913	8,533	8,863	9,796	6,805	4,189	2,412	3,955
Illinois	1,363	2,676	2,447	3,281	3,604	4,358	3,345	1,965	919	1,013
Indiana, Michigan	164	1,250	1,987	2,940	4,120	5,086	3,934	2,328	1,035	1,470
Wisconsin, Minnesota	185	307	373	711	468	379	805	317	164	188
Iowa, Colorado, Utah	798	1,117	741	1,520	505	638				
All other					762	1,003	865	756	306	538
By disposition:										
For sale	[1]	[1]	8,583	10,724	8,991	9,635	7,083	4,339	1,877	2,338
For maker's use	[1]	[1]	21,333	26,202	27,710	32,979	24,670	14,087	6,904	11,007
By kinds:										
Basic	1,072	9,085	13,093	16,738	19,667	24,912	18,393	10,174	5,074	7,953
Bessemer	7,979	11,246	10,523	12,062	9,419	9,877	7,315	4,636	2,220	3,474
Foundry (incl. ferrosilicon)	3,376	5,260	4,844	5,958	5,410	4,787	3,960	2,345	936	1,210
Malleable	173	843	830	1,311	1,554	2,313	1,572	946	420	495
Forge	793	564	316	318	241	168	51	36	2	5
Ferromanganese, spiegeleisen, and all other	395	306	310	539	409	557	461	289	129	209
By fuels:										
Coke [2]	11,728	26,258	29,535	36,300	36,504	42,476	31,656	18,380	8,766	13,313
Anthracite	1,677	649	85	303						
Charcoal	384	397	296	323	196	138	97	46	15	33
Materials used:										
Iron ore, briquettes, etc.	24,131	51,739	55,137	66,450	65,450	[3] 73,059	[3] 53,662	[3] 29,668	[3] 12,788	[3] 21,572
Cinder, scale, etc.	1,600	2,800	4,483	4,986	5,017	[3] 7,434	[3] 6,296	[3] 3,762	[3] 2,189	[3] 2,820
Coke (1,000 tons of 2,000 pounds) [4]	[1]	[1]	33,329	42,046	39,296	[3] 42,403	[3] 31,168	[3] 17,738	[3] 8,337	[3] 12,547
Limestone	7,422	14,528	14,790	17,825	15,154	[3] 15,603	[3] 11,099	[3] 6,209	[3] 2,951	[3] 4,565
Total number of furnaces	406	473	445	452	395	316	300	288	279	257
Furnaces in blast Dec. 31	232	206	310	216	238	165	97	61	44	69

[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 674, Bureau of Mines, Department of the Interior; Table 675, American Iron and Steel Institute.

No. 676.—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 expo[illegible] for years ended June 30 following year specified; calendar years thereafter. All [illegible] are for calendar years. For individual years 1871 to 1907 and data for earlier years, [illegible] act 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	1917	38,621,216	656,220	76,786	45,060,607
1876–1880	2,562,763	3,407	276,600	803,479	1918	39,064,644	269,575	34,711	44,462,432
1881–1885	4,301,096	5,311	326,290	1,652,268	1919	31,015,364	321,261	101,665	34,671,232
1886–1890	7,079,312	12,407	229,970	3,292,763	1920	36,925,987	216,828	185,944	42,132,934
1891–1895	8,133,014	22,983	54,778	4,675,736	1921	16,688,126	28,405	44,842	19,783,797
1896–1900	11,491,937	224,268	34,308	8,439,988	1922	27,219,904	33,332	498,059	35,602,926
1901–1905	18,239,665	45,465	314,765	15,367,931	1923	40,361,146	37,559	474,723	44,943,696
1906–1910	24,024,722	78,618	275,036	22,166,783	1924	31,405,790	45,818	276,966	37,931,939
1908	15,936,018	46,696	92,202	14,023,247	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	194,636	51,544,180
1912	29,726,937	272,676	129,325	31,251,303	1929	42,613,983	53,749	223,680	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	139,683	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	145,664	13,681,162
1916	39,434,797	607,236	135,349	42,773,680	1933	13,345,602	11,272	192,587	23,232,347

[1] 1875 only.

No. 677.—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	1932	1933
Rolled products, total	16,840	21,621	24,393	32,348	33,337	29,513	10,451	16,735
Rails	3,376	3,636	2,204	2,604	2,785	1,373	403	416
Bessemer	3,192	1,884	327	143	10	2	(1)	(1)
Open hearth	183	1,751	1,775	2,334	2,692	1,835	393	398
Rerolled			102	127	84	36	9	18
Sheets and plates	3,532	4,955	6,078	9,338	9,808	9,087	3,443	6,217
Universal			955	1,250	1,196	1,041	310	312
Sheared			1,923	3,505	2,557	2,622	520	849
Black sheets [2]			1,837	2,886	4,097	3,512	1,472	3,092
Black plates for tinning			1,093	1,449	1,632	1,692	1,000	1,677
Other black-plate specialties			270	247	325	201	142	287
Wire rods	1,809	2,242	3,096	3,137	2,845	2,349	1,186	2,024
Structural shapes	1,661	[3] 2,267	2,437	3,307	3,604	3,512	937	1,109
Merchant bars	3,594	3,786	4,131	6,130	5,659	4,132	1,314	2,285
Skelp	1,436	1,828	2,299	3,220	3,230	2,682	608	995
Hoops	446	262	282	333	205	80	43	48
Bands and cotton ties		425	438	389	356	46	38	51
Splice and fish-plate bars			536	576	823	606	148	197
Rolled forging blooms, billets, etc	42	460	651	447	345	304	76	121
Bars for reinforced concrete work		241	353	572	820	850	386	370
Hot-rolled strips and flats for cold rolling	946					1,942	1,185	1,830
Blanks or pierced billets for seamless tubes		1,519	1,888	2,294	2,908	1,248	370	589
All other rolled products						314	315	483
Miscellaneous products:								
Tin plate (million pounds)		1,451	2,202	3,080	3,459	3,719	2,209	3,776
Terneplates (million pounds)		168	163	168	255	231	104	187
Galvanized sheets (million pounds)			1,582	1,871	2,539	2,341	1,151	1,674
Galvanized formed products (million pounds)			112	144	178	146	87	99
Wire nails (thousands of kegs [4])	10,855	12,705	14,583	16,460	15,454	9,561	5,394	8,927
Cut nails (thousands of kegs [4])	1,358	1,005	775	845	736	460	286	349
Wrought pipe, or tubes [5]			1,920	3,003	3,031	2,247	485	723
Boiler tubes [5]			97	119	63	31	9	13
Seamless pipes or tubes			140	292	568	1,194	338	480
Cast-iron pipe (1,000 short tons [6])			1,215	887	1,925	1,436	528	485
Forgings made by rolling mills		320	524	540	388	476	93	89

[1] Less than 500 tons. [2] Rolled on sheet or jobbing mills. [3] Small structural forms not included.
[4] Of 100 pounds. [5] Excluding electric welding. [6] Of 2,000 pounds.

Source of Tables 676 and 677: American Iron and Steel Institute.

No. 678.—PRODUCTION, EXPORTS, AND IMPORTS OF FINISHED ROLLED IRON AND STEEL

NOTE.—In long tons (2,240 pounds). 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	[2] 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	2,309	1,463,879	30,995	4,771	
1901–1905	13,670,907	2,895,138	225,746	43,207	2,894,625	39,505	6,167	[3] 3,593,601
1906–1910	18,509,490	3,238,486	303,234	3,963	4,054,102	158,591	4,096	3,479,910
1911	19,039,171	2,822,790	420,874	3,414	4,488,049	372,373	2,453	3,306,103
1912	24,656,841	3,327,915	446,473	3,780	5,875,080	546,521	3,299	3,971,446
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	174,680	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	4,484,550
1916	32,380,389	2,854,518	540,328	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	8,799,135	854,136	1,517	6,587,369
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	6,702,685
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	6,233,663
1924	28,086,435	2,433,332	208,496	43,358	8,087,883	360,540	[4] 6,066	4,937,043
1925	33,386,960	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	10,451,088	402,566	11,320	5,662	3,443,308	79,031	[4] 22,252	1,699,501
1933	16,735,086	416,296	41,481	6,403	6,216,650	108,841	[4] 9,538	2,655,049

Yearly average or year (calendar year)	Skelp, flue, and pipe 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	1,263,396
1906–1910	1,668,674	2,056,732	13,403	15,400	1,936,951	121,086	11,107	2,074,634
1911	1,980,673	2,450,453	22,641	15,483	[8] 1,912,367	223,493	5,343	2,078,736
1912	2,446,816	2,653,553	64,978	15,069	2,846,487	288,164	3,120	3,535,544
1913	2,501,964	2,464,807	61,637	16,098	3,004,972	403,264	11,659	3,238,404
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	2,564,011	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	2,614,036	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	19,298	4,096,143	296,885	163,762	6,233,718
1929	3,517,238	3,134,409	42,250	15,653	4,778,020	399,837	148,223	7,057,803
1930	2,682,046	2,348,600	39,779	8,843	3,512,473	243,840	120,333	5,047,165
1931	1,499,280	1,844,620	32,125	7,114	2,062,858	121,725	72,329	3,487,808
1932	607,599	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	29,295	3,319,024

[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] [illegible] 1, 1897, to Dec. 31, 1900.
[7] [illegible] 1, 1903, to Dec. 31, 1905.
[8] [illegible] not included.

Source: American Iron and Steel Institute (exports and imports compiled from Government statistics).

No. 679.—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	1927	1929	1931	1927	1929	1931
STEEL WORKS AND ROLLING MILLS							
All products, total value					2,779,840	3,365,789	1,402,843
Unrolled steel, total	Ton [1]	44,757	56,161	25,898			
Ingots—							
For sale and interplant transfer	do	437	661	243	12,679	17,150	5,548
[illegible] works	do	43,337	54,133	25,193			
[illegible]nsfer [2]	do	888	1,212	371	145,085	191,398	59,557
[illegible] works [3]	do	95	155	89			
Semifinished rolled products, for sale and interplant transfer, total.	do	10,307	12,779	5,633	346,051	421,328	161,873
Blooms, billets, and slabs, except for forging.	do	6,162	7,361	3,107	205,908	244,792	91,110
Rolled blooms and billets for forging	do	113	270	69	4,690	10,327	2,494
Sheet and tin-plate bars	do	3,985	5,062	2,439	133,094	162,316	67,290
Muck and scrap bar	do	47	87	17	2,359	3,893	778
Finished rolled products and forgings, total. [3]	do	32,154	39,883	18,896			
Produced and consumed in works	do	8,416	9,532	5,199			
For sale and interplant transfer	do	23,738	30,350	13,198	1,251,788	1,604,833	614,899
Rails	do	2,703	2,666	1,130	114,565	113,925	48,197
Rail joints, fastenings, tie plates, etc.	do	893	872	379	50,394	47,761	19,096
Structural shapes (not fabricated)	do	3,502	4,470	1,985	148,339	188,898	71,668
Concrete reinforcing bars	do	783	972	617	35,410	42,417	23,081
Merchant bars, mill shafting, etc.—							
Steel	do	4,249	6,228	2,231	240,469	358,601	111,637
Iron	do	202	187	53	13,582	13,284	3,696
Bolt and nut rods, spike and chain rods, etc.	do	95	121	20	4,381	5,683	843
Wire rods	do	1,024	1,155	650	46,059	49,042	23,420
Plates No. 12 and thicker	do	3,781	5,218	1,986	164,513	228,236	75,853
Sheets No. 13 and thinner	do	2,982	4,041	2,021	227,683	306,936	125,920
Skelp	do	1,241	1,271	619	50,605	50,121	21,320
Hot-rolled strips for cold rolling	do	1,265	479	402	66,351	21,347	18,052
Other strips and cotton ties	do		1,566	705		75,626	31,785
Axles	do	119	150	27	10,737	12,039	2,239
Armor plate and ordnance	do	8	10	17	2,614	3,287	6,184
Car and locomotive wheels	do	155	209	84	15,197	19,352	7,689
All other rolled and forged products [4]	do	736	732	270	60,891	68,278	24,219
Scrap iron and steel, for sale and interplant transfer.	do	2,448	2,830	1,409	35,750	42,101	16,645
Cinder and scale	do	657	1,194	620	988,487	2,731	1,308
All other (including value added to rolled products by further manufacture).	do					1,086,248	543,213
WIRE AND WIRE PRODUCTS (ALL METALS)							
All industries, total value					697,684	919,988	404,786
Iron and steel wire:							
Plain wire, total [5]	Ton [6]	2,865	3,097	1,866			
For sale and interplant transfer	do	907	1,204	603	67,619	88,456	40,492
Produced and consumed in works	do	1,958	1,891	1,262			
Galvanized wire: For sale and interplant transfer.	do	250	269	172	17,035	19,656	10,963
Other coated wire: For sale and interplant transfer.	do	45	52	43	6,368	8,143	5,164
Cold-rolled from drawn wire: For sale and interplant transfer. [7]	do	150	29	14	18,544	4,256	2,361
Copper wire:							
For sale and interplant transfer	Lb	491,819	544,740	187,921	77,090	118,628	22,884
Produced and consumed in works	do	294,745	407,996	242,390			
Drawn on contract or custom basis from rods or bars furnished by others.	do	(8)	151,761	25,572			

For footnotes see p. 668.

No. 679.—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		
		1927	1929	1931	1927	1929	1931
WIRE AND WIRE PRODUCTS (ALL METALS)—continued							
Brass and bronze wire:							
For sale and interplant transfer	Lb	[9] 60,844	86,805	48,031	[9] 11,693	20,332	7,904
Produced and consumed in works	do	[9] 3,086	5,581	5,066			
Other metal wire:							
For sale and interplant transfer	do	[9] 34,117	48,487	26,750	[9] 12,009	23,590	10,214
Produced and consumed in works	do	[9] 7,209	21	31			
Fabricated wire products for sale:							
Iron and steel—							
Nails, brads, and spikes [10]	Keg [11]	14,819	13,601	8,177	48,002	44,935	22,532
Tacks [10]	Lb	7,135	6,540	2,620	690	640	218
Staples	do	49,379	58,879	44,863	1,596	2,342	1,385
Barbed wire	Ton [6]	202	222	162	12,973	13,824	8,280
Rope or cable, except insulated	do	[8]	153	57	46,916	46,877	18,412
Strand, galvanized	do	[8]	49	36		5,618	3,284
Poultry netting	do	[8]	47	32	40,011	7,536	4,165
Woven wire fence, except poultry netting.	do	[8]	366	242		31,041	17,897
Fly screening	Lb	[8]	64,728	31,719	23,396	9,942	4,623
Other wire cloth	do			24,949		6,555	4,177
Concrete reenforcement wire	Ton [6]			140		11,786	8,177
Other woven wire	do	[8]	139	28			5,522
Automobile skid chains					[12]	11,491	5,987
Bale ties	Lb	[8]	148,474	109,349	4,580	5,088	3,503
Wire springs					32,187	47,903	26,686
Welding wire, including electrodes					[12] 41,868	42,872	2,790
Other fabricated iron and steel wire products.							25,361
Nonferrous-wire products—							
Fly screening—							
Copper	Lb	[8]	4,993	2,697	8,796	1,768	780
Other metals	do	[8]	10,211	7,132		3,336	2,381
Fourdrinier and cylinder wire cloth.	do	[8]	3,108	1,899		4,765	3,082
Other wire cloth—							
Copper	do	[8]	1,168	386		588	151
Other metals	do	[8]	1,450	1,239		683	1,084
Copper strand, except insulated	do	[8]	92,395	59,051	14,823	18,617	7,383
Other fabricated nonferrous wire products, except insulated wire.						6,125	5,670
Fabricated wire products not distributed above.					1,435		397
Insulated wire and cable					210,048	312,592	120,789
TIN PLATE AND TERNEPLATE							
All products, total value					193,894	213,084	142,698
Tin plate					180,410	194,107	135,375
Terneplate					10,017	15,568	5,609
All other products					3,468	3,409	1,713
CAST-IRON PIPE AND FITTINGS							
All industries, total value					[8]	85,890	51,111
Reported with quantity	Ton [6]	[8]	1,736	1,191	[8]	78,296	45,238
Reported without quantity					[8]	7,594	5,873

[1] Of 2,240 pounds.

[2] [illegible] by establishments classified in other industries as follow [illegible] 33,550 tons valued at $6,635,760; 1931, 13,916 tons valued at $. [illegible] Foundry and machine-shop products, not elsewhere classified," inc [illegible] ame works as follows: For 1927, 16,968 tons; 1929, 53,980 tons; 1931, 13,2 [illegible] and consumed in further manufacture to some extent in other indus [illegible] are collected.

[3] Does not include [illegible] or seamless tubes, nor tonnage, for sale, of rolled blooms and billets for forging.

[4] Includes "nail and [illegible] to avoid disclosing data for individual operations.

[5] All iron and steel [illegible] galvanized, otherwise coated, and cold rolled.

[6] Of 2,000 pounds.

[7] Figures for 1927 include all cold-rolled wire; for 1929 and 1931, only wire cold rolled from drawn wire.

[8] No comparable data.

[9] For 1927 bronze wire was included with "Other metal wire."

[10] Not including value of nails and tacks made from nail and tack plate.

[11] Of 100 pounds.

[12] Automobile skid chains included in "Other fabricated iron and steel wire products."

Source: Bureau of the Census, Department of Commerce.

No. 680.—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	26,094,919	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	
1929	56,433,473	7,122,509	48,352,888	47,232,419	1,120,469	6,645	951,431	
1930	40,699,483	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	11,907,330	11,742,682	164,648	645	241,111	
1933	23,232,347	2,428,791	20,381,672	20,057,146	324,526	681	421,203	

No. 681.—BLAST FURNACES AND STEEL MILLS: CENSUS STATISTICS

NOTE.—The scope of the industry "Steel works and rolling mills" is indicated by Table 679

Year	Number of establishments	Wage earners (average number)	Wages	Value of products [1]	Value added by manufacture [2]	Primary horsepower
			Thousands of dollars			
1879	792	[3] 140,798	[3] 55,451	296,558	105,287	[4]
1889	719	171,181	89,273	478,688	151,415	784,358
1899	668	222,490	120,820	803,968	281,569	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	5,399,574
1921	628	254,213	354,357	1,901,431	635,256	[4]
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	1,622,837	7,532,530
1931	526	278,206	357,645	1,714,214	623,199	[4]
Blast furnaces:						
1929	105	24,960	41,959	771,425	161,132	[5]
1931 [6]	80	13,572	19,259	311,371	52,240	[4]
Steel works and rolling mills:						
1929	486	394,574	689,016	3,365,789	1,461,706	[5] 7,532,530
1931	446	264,634	338,386	1,402,843	570,959	[4]

[1] Includes much duplication.
[2] Value of products less cost of materials.
[3] Returns were not secured for number of salaried employees and it is probable that "wages" included amounts paid for salaries, and "wage earners" may have included some salaried employees.
[4] No data.
[5] Blast furnace data are included with steel works and rolling mills.
[6] Includes data for 4 establishments engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

No. 682.—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		1910	1,538	63,436	1922	1,995	136,334
1895	89		1911	2,188	86,599	1923	2,010	167,247
1900	1,154	42,518	1912	2,948	112,535	1924	1,806	150,494
1901	701	29,050	1913	2,746	108,875	1925	1,763	144,262
1902	372	15,889	1914	1,550	63,409	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

Sources: [illegible] Census, Department of Commerce; [illegible] of Commerce.

No. 683.—EXPORTS OF HEAVY IRON AND STEEL PRODUCTS

NOTE.—This and Tables 682 and 684 exclude the highly elaborated manufactures of iron and steel

Articles	Quantity in long tons (2,240 pounds)				Value in thousands of dollars			
	1930	1931	1932	1933	1930	1931	1932	1933
Total	1,982,546	968,845	594,581	1,341,183	139,039	63,226	28,857	45,534
Pig iron, not including ferro-alloys	13,671	6,719	2,324	2,750	292	151	54	64
Ferromanganese and spiegeleisen	6,189	1,306	33	44	146	39	2	3
Scrap	358,649	136,125	227,522	773,406	5,562	1,957	1,859	6,874
Ingots, blooms, billets, sheet bars, and skelp	136,916	64,461	27,114	26,419	5,926	2,701	974	936
Iron and steel bars	82,913	43,528	15,987	22,926	4,839	2,425	870	1,187
Alloy steel bars	6,668	2,968	1,621	1,797	911	499	251	267
Wire rods	39,777	32,125	14,813	16,877	1,876	1,297	583	608
Galvanized sheets	93,490	51,523	26,923	53,856	8,798	4,294	1,982	3,682
Plates, iron and steel	98,339	42,472	10,293	13,754	4,858	1,911	524	632
Black steel sheets	137,918	91,788	38,277	37,078	10,343	6,918	2,844	2,465
Black iron sheets	11,482	5,526	2,462	2,751	1,097	447	176	196
Hoop, band, and strip steel	39,316	28,229	17,778	20,252	2,673	1,834	1,127	1,228
Tin plate, terneplate, etc	216,513	84,433	39,603	95,238	24,202	7,841	3,273	7,650
Structural shapes, plain material	140,415	88,710	14,885	14,089	6,234	3,437	590	535
Structural materials, fabricated	103,471	32,135	17,277	18,335	9,146	2,769	1,029	1,206
Tanks, complete and knocked down	20,490	12,432	3,053	3,078	2,387	1,132	267	305
Metal lath	5,578	2,410	1,471	1,007	848	350	183	135
Steel rails	95,179	33,108	11,320	41,481	3,580	1,289	428	1,227
Rail fastenings, switches, frogs, etc	19,517	8,093	3,742	13,536	2,133	877	299	939
Boiler tubes	14,685	7,071	3,681	3,916	2,005	886	567	483
Casing and oil-line pipe	62,104	21,975	17,275	39,208	6,708	2,469	1,792	3,431
Seamless black pipe, except casing and oil line			597	1,407			95	195
Black and galvanized welded pipe	93,400	60,437	30,888	35,733	9,069	5,178	2,463	2,495
Riveted pipe and fittings			161	142			33	24
Cast-iron pipe and fittings	31,474	21,184	8,410	11,614	3,667	1,661	591	802
Malleable-iron screwed pipe fittings	10,743	4,509	1,677	2,500	3,413	1,401	485	666
Barbed-wire and woven-wire fencing	39,118	24,105	17,742	29,948	2,539	1,331	896	1,598
Plain and galvanized wire	26,463	14,163	8,391	21,919	2,069	1,044	597	1,208
Woven-wire screen cloth	1,583	866	635	722	558	298	199	215
Wire rope	4,536	2,499	1,575	2,212	1,254	666	410	508
Insulated wire and cable	530	298	84	25	216	108	28	7
Wire, other, and manufactures thereof	7,468	4,640	2,080	2,848	1,677	997	527	651
Wire nails	8,472	8,538	7,552	10,251	536	485	370	509
Nails other than wire, including tacks	5,867	3,816	3,378	3,964	1,056	608	456	476
Horseshoes	180	152	100	144	32	21	14	23
Bolts, nuts, rivets, and washers [1]	10,131	4,861	2,714	3,681	2,093	1,049	625	809
Car wheels and axles	14,841	6,317	2,884	3,966	1,140	430	210	239
Iron castings	6,613	4,326	3,397	4,205	1,458	689	374	422
Steel castings	9,380	3,104	1,173	956	2,280	743	290	209
Forgings	8,467	7,393	3,689	3,148	1,420	997	521	424

[1] Except track.

No. 684.—IRON AND STEEL: EXPORTS BY DESTINATIONS

NOTE.—All figures in long tons (2,240 pounds). Products covered are those listed in Table 683

Country	1931	1932	1933	Country	1931	1932	1933
Belgium	2,749	1,872	3,528	Brazil	22,650	10,090	53,588
France	8,931	3,703	6,424	Chile	24,178	1,655	10,384
Germany	1,094	703	15,469	Colombia	12,040	10,863	24,420
Italy	6,231	8,093	118,731	Ecuador	1,519	1,143	732
Netherlands	2,031	1,188	10,544	Peru	14,484	3,284	3,941
Norway	3,439	2,964	4,194	Uruguay	7,271	2,164	4,949
Poland and Danzig	2,612	4,426	30,022	Venezuela	10,370	8,505	18,636
U. S. S. R. (Russia) in Europe	2,708	275	2,408	India and Ceylon	11,605	3,254	5,822
United Kingdom	40,476	4,700	9,148	British Malaya	2,318	390	2,377
Canada	420,599	163,900	139,507	China	38,324	20,885	36,885
Central America	24,409	20,641	24,625	Netherland India	9,099	4,291	9,968
Mexico	44,095	18,237	31,498	Hong Kong	7,998	5,647	7,991
British West Indies	4,285	1,127	2,039	Japan	98,886	191,193	593,207
Cuba	15,999	10,531	15,621	Kwantung	1,360	1,203	4,461
Dominican Republic	1,955	1,497	4,198	Palestine and Syria	471	3,566	3,535
Netherland West Indies	2,397	3,102	5,188	Philippine Islands	52,452	46,768	58,353
Argentina	40,101	17,892	45,512	Australia	1,983	1,300	1,431
				British South Africa	4,523	2,349	10,232
				All other	23,003	11,180	21,615

Source of Tables 683 and 684: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 685.—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	
1904			12.73	14.37	28.00	22.18	1.33	1.48	1.54	1.54	1.71
1905		15.25	15.57	17.65	28.00	24.03	1.48	1.87	1.58	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	34.46	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	21.64	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	[5] 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	1.95

[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 March 19, 1929.

No. 686.—ALUMINUM AND BAUXITE: PRODUCTION, EXPORTS, AND IMPORTS

	1913	1920	1925	1930	1931	1932	1933
BAUXITE							
Quantities, long tons (2,240 pounds):							
Production	210,241	521,308	316,540	330,612	195,895	96,349	154,176
Georgia, Alabama, and Tennessee	40,370	40,029	20,220	15,339	9,198	6,570	11,997
Arkansas	169,871	481,279	296,320	315,273	186,697	89,779	142,179
Imports for consumption	21,456	42,895	353,696	409,678	306,490	205,620	149,543
Exports	(1)	22,257	78,633	104,504	88,370	28,474	21,760
Value of production [2] (1,000 dollars)	998	3,247	1,988	1,928	1,141	548	923
ALUMINUM							
Value, 1,000 dollars:							
Production—							
Primary metal	9,450	41,375	36,430	50,961	37,284	20,453	16,174
Secondary metal	2,199	9,489	24,816	17,177	12,726	10,992	15,343
Imports for consumption, total	4,784	13,077	10,107	5,286	3,211	1,822	3,212
Crude and semicrude	4,388	12,184	9,806	4,690	2,540	1,339	2,755
Manufactures	396	893	301	596	671	483	457
Exports, total	966	5,631	6,057	7,122	2,855	1,452	1,329
Crude and semicrude		3,068	3,366	3,916	986	469	600
Manufactures		2,563	2,691	3,206	1,869	984	729
Quantities, 1,000 pounds:							
Imports (crude and semicrude)	25,095	39,299	41,997	25,461	14,833	8,185	15,270
Exports (crude and semicrude)	(1)	9,408	12,642	17,330	4,701	4,437	5,708

[1] Unavailable.
[2] F. o. b mines.

Sources: Table 685, Iron Age and American Iron and Steel Institute; Table 686, Bureau of Mines, Department of the Interior.

No. 687.—COPPER: PRODUCTION, EXPORTS, IMPORTS, AND CONSUMPTION

N[illegible] All quantities except ore produced in millions and tenths of millions of pounds. Production [illegible] United States and Alaska. Owing to the varying stages of production, the [illegible] 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	1929	1930	1931	1932	1933
UNREFINED COPPER								
Ore produced (million short tons) [1]	28.5	36.8	53.1	68.4	47.4	34.0	(2)	(2)
Average copper yield, per cent	1.88	1.63	1.54	1.41	1.43	1.50	(2)	(2)
Smelter output from domestic ore	1,080.2	1,209.1	1,674.9	2,002.9	1,394.4	1,042.7	544.0	450.0
Mine production	1,088.2	1,224.6	1,678.1	1,995.1	1,410.1	1,057.7	476.2	392.4
Imports, unrefined:								
Ore (copper content)	64.2	52.0	107.6	124.6	101.3	23.6	14.0	12.5
Concentrates (copper content)	21.0	46.8	54.0	53.7	56.9	99.4	44.2	37.8
Matte and regulus (copper content)		17.6	1.7	2.1	4.7	1.5	1.7	2.4
Black, in bars, pigs, etc	[3] 259.2	244.7	379.3	646.2	560.5	281.9	161.7	227.3
REFINED COPPER PRODUCTION								
Total new and old copper	1,611.0	2,151.0	3,045.0	3,993.0	3,091.0	2,195.0	1,177.0	1,418.0
New copper (primary)	1,422.0	1,526.2	2,204.6	2,740.1	2,157.1	1,501.4	680.9	741.6
Domestic	1,071.9	1,182.4	1,682.9	1,982.7	1,391.2	1,074.6	445.1	481.3
Foreign	350.1	343.7	521.7	757.4	765.8	426.8	235.8	260.2
Electrolytic	1,128.3	1,351.7	2,050.6	2,542.3	1,993.6	1,373.4	[4] 608.7	[4] 681.4
Lake	221.5	153.5	138.0	185.3	143.0	105.2	[4] 53.8	[4] 59.5
Casting and best select [5]	72.3	21.0	15.9	12.5	20.5	22.8	18.3	.7
Old copper rerefined (secondary)	189.0	624.9	840.4	1,253.1	934.4	694.0	496.4	676.2
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	1,422.0	1,526.2	2,204.6	2,740.1	2,157.1	1,501.4	680.9	741.6
Refined copper imported	(6)	108.7	99.8	134.0	86.2	174.4	167.8	10.9
Refined copper exported [6]	708.3	553.1	1,022.3	903.5	669.3	464.2	250.1	264.7
Stocks, Dec. 31 (refined)	122.8	659.0	124.0	306.0	615.0	924.6	1,004.0	813.0
Withdrawn on domestic account:								
New refined copper	732.4	1,053.8	1,401.0	1,778.6	1,265.0	902.1	519.2	678.7
New and old copper	921.0	1,679.0	2,241.0	3,032.0	2,199.0	1,596.0	1,016.0	1,355.0

[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. 688.—COPPER: SMELTER PRODUCTION BY STATE OF ORIGIN OF ORE SMELTED

[Quantities in thousands of pounds]

State of origin	1910	1920	1925	1929	1930	1931	1932	1933
Total	1,080,160	1,209,061	1,674,870	2,002,863	1,394,389	1,042,711	544,010	449,999
Alaska	4,311	66,094	72,204	39,868	36,380	23,233	13,297	1,576
Arizona	297,251	552,989	722,653	829,207	570,897	400,311	201,136	122,697
California	45,760	11,822	46,944	33,084	26,262	8,345	5,514	632
Colorado	9,307	4,283	3,163	10,520	12,944	9,029	8,976	8,882
Idaho	6,878	1,922	3,144	6,268	2,714	1,627	663	2,183
Michigan	221,463	153,484	138,030	185,301	142,986	105,222	63,899	72,341
Missouri		533	12	2	2			182
Montana	283,079	177,744	270,605	299,895	198,796	173,910	97,918	94,263
Nevada	64,495	55,580	77,138	138,990	87,475	71,233	32,616	42,507
New Mexico	3,785	52,160	76,467	100,165	74,188	66,776	32,915	24,948
Oregon	22	2,529	126	739	230	9	37	9
Pennsylvania	741	618	562	3,581	3,061	844	(1)	(1)
Tennessee	16,692	16,728	19,789	(1)	(1)	(1)	(1)	(1)
Utah	125,185	110,358	242,731	325,965	205,770	161,023	76,403	65,656
Washington	65	2,126	1,185	1,569	1,405	71	3	87
Undistributed	1,127	92	117	27,709	31,280	21,078	10,633	14,035

[1] Included under "Undistributed."

Source of Tables 687 and 688: Bureau of Mines, Department of the Interior.

No. 689.—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 687

[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	1911	1,097	137,154	1,434	1,097	337	214
1860	16	3,709	1912	1,243	205,139	1,568	1,243	325	273
1870	28	5,997	1913	1,224	189,795	1,615	1,237	378	276
1871–1875	34	8,895	1914	1,150	152,968	1,534	1,150	384	252
1876–1880	50	9,679	1915	1,388	242,902	1,634	1,388	247	395
1881–1885	118	17,236	1916	1,928	474,288	2,259	1,928	331	700
1886–1890	226	30,345	1917	1,886	514,911	2,428	1,886	542	767
1891–1895	339	37,266	1918	1,909	471,408	2,432	1,883	549	705
1896–1900	531	74,424	1919	1,286	239,274	1,805	1,433	372	574
1901–1905	732	103,859	1920	1,209	222,467	1,526	1,182	344	625
1906–1910	980	150,924	1921	506	65,221	951	609	341	435
1911–1915	1,221	185,592	1922	950	128,289	1,256	905	351	672
1916–1920	1,644	395,270	1923	1,435	210,945	1,980	1,464	516	822
1921–1925	1,240	171,275	1924	1,634	214,087	2,260	1,674	586	777
1926–1930	1,729	252,172	1925	1,675	237,832	2,205	1,683	522	840
1904	813	104,005	1926	1,740	243,547	2,322	1,731	591	960
1905	889	138,650	1927	1,084	220,609	2,326	1,719	607	980
1906	918	177,136	1928	1,826	262,930	2,488	1,792	696	1,073
1907	869	173,799	1929	2,003	352,504	2,740	1,983	757	1,253
1908	943	124,419	1930	1,394	181,271	2,157	1,391	766	934
1909	1,093	142,084	1931	1,043	94,887	1,501	1,075	427	694
1910	1,080	137,180	1932	544	34,273	681	445	236	496
			1933	450	28,800	742	481	260	676

[1] Includes refined copper imported to 1919, inclusive.

Source: Bureau of Mines, Department of the Interior.

No. 690.—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	1924	556,106	156,646	384,408	96,184
1896–1900[1]	137,684	36,745	24,634	5,866	1925	540,376	161,166	326,486	84,270
1901–1905[1]	190,451	54,942	83,237	22,611	1926	482,843	141,204	389,721	99,742
1906–1910[1]	289,445	92,334	130,111	38,026	1927	538,365	150,214	359,161	84,963
1911–1915[1]	416,840	123,655	176,635	46,129	1928	562,510	169,831	393,537	98,187
1916–1920[2]	376,877	208,909	244,948	103,805	1929	499,237	183,405	487,156	153,710
1921–1925	438,337	129,761	298,975	77,811	1930	376,647	105,342	408,577	104,616
1926–1930	491,290	149,999	407,630	108,244	1931	278,937	54,748	292,946	48,745
1922	368,428	103,874	270,507	66,829	1932	164,111	21,236	195,996	23,735
1923	412,375	129,220	338,236	95,988	1933	174,627	24,917	143,717	17,554

[1] Fiscal years ended June 30.

[2] Average for period July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 691.—REFINED PRIMARY LEAD AND SECONDARY LEAD

NOTE.—Production in short tons (2,000 pounds); values, except price per pound, in thousands of dollars. This table, except the column for secondary lead, relates to new (primary) lead only; the totals include lead derived from both domestic (including Alaska) and foreign ore. General production figures and production of desilverized lead do not include antimonial lead, shown in next to the last column. This table represents exclusively refined lead, while in Table 692 part of the lead from domestic ore is unrefined

Year	Production	Value	Year	Production	Value	Year	Production	Value
1830	8,000	608	1900	367,773	32,364	1917	610,769	105,052
1840	17,000	1,666	1901	371,032	30,909	1918	640,195	90,908
1850	22,000	2,112	1902	367,892	30,167	1919	482,220	51,115
1860	15,600	1,778	1903	368,939	30,991	1920	529,657	84,745
1870	17,830	2,247	1904	393,452	33,837	1921	448,589	40,373
1880	95,725	9,573	1905	388,307	36,501	1922	532,662	58,593
1885	126,192	10,095	1906	404,746	46,141	1923	618,322	86,565
1890	157,844	14,206	1907	413,389	43,819	1924	690,493	110,479
1891	198,363	17,059	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	213,050	14,101	1911	486,979	43,828	1928	781,071	90,604
1895	235,822	15,093	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

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]	78,900
1920	339,803	189,854	476,849	8,414	44,394	.080	[3]	124,650
1925	506,409	260,560	654,921	47,024	65,024	.087	[3]	226,880
1929	539,288	235,345	672,498	29,675	72,460	.063	43,244	311,000
1930	441,672	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	234,700
1932	225,231	63,130	255,337	21,747	11,277	.030	21,024	198,300
1933	188,001	85,578	259,616	7,677	6,286	.037	17,805	224,500

[1] Desilverized soft lead is included. [2] Excludes antimonial lead. [3] Not available.

No. 692.—SOURCES OF PRIMARY LEAD SMELTED OR REFINED IN THE UNITED STATES

[Production in short tons (2,000 pounds). See headnote to Table 691]

Source of ore	1910	1920	1925	1929	1930	1931	1932	1933
Total	494,081	547,155	798,499	788,127	649,306	446,103	290,065	281,804
From domestic ore	389,211	494,347	686,451	685,992	580,013	393,599	257,041	267,841
Arizona	948	5,987	10,281	8,153	4,223	2,085	1,134	1,718
Colorado	38,542	17,752	31,855	23,675	25,091	6,311	2,288	2,169
Idaho	109,951	117,191	123,363	147,595	135,411	100,970	68,606	74,210
Kansas	1,308	8,421	15,001	[1] 26,104	[1] 13,103	[1] 6,601	[1] 5,667	[1] 5,089
Missouri	161,659	171,999	208,547	211,345	201,056	151,350	79,483	85,564
Montana	1,943	13,231	22,008	26,795	15,412	4,766	1,572	5,944
Nevada	2,246	8,650	10,978	13,256	14,091	8,348	390	2,318
New Mexico	1,890	1,123	3,782	12,249	11,250	11,045	10,606	10,727
Oklahoma	1,805	68,494	78,487	[1] 45,653	[1] 23,398	[1] 12,312	[1] 9,285	[1] 15,076
Utah	60,605	64,006	166,844	157,085	122,311	75,207	70,111	60,049
Undistributed	6,077	13,127	13,764	12,179	13,672	13,878	7,507	3,944
Zinc residues	2,237	4,366	1,541	1,903	995	717	392	1,033
From foreign ore [2]	18,085	8,414	47,024	29,675	34,348	22,254	21,747	7,677
Canada	25	1,186	10,676	9,499	14,369	3,816	3,797	3,472
Europe		19	470	28	41	43	4,491	2,600
Mexico	11,704	2,729	31,107	16,807	14,949	6,420	334	257
South America	2,996	2,747	4,496	3,285	3,476	2,299	2,631	1,348
From foreign base bullion [2]	76,805	44,394	65,024	72,460	34,945	30,250	11,277	6,286
Mexico	76,805	42,421	65,024	51,295	18,592	30,072	11,164	6,021
Peru				21,165	16,353	178	113	265

[1] Separation as between Kansas and Oklahoma is made on the basis of mine figures.
[2] Totals include small unspecified items.

Source of Tables 691 and 692: Bureau of Mines, Department of the Interior.

No. 693.—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 1931) is taken of changes in stocks

	1910	1920	1925	1929	1930	1931	1932	1933
Supply, total	473,838	565,610	779,035	780,430	644,570	442,774	288,405	273,642
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	10	44	63
Production from domestic and foreign ore	470,272	529,657	766,969	774,633	643,033	442,764	288,361	273,579
Deductions, total	78,661	27,590	123,380	87,665	61,786	32,168	30,736	29,343
Exports—								
Pig lead	69,786	20,093	103,519	73,251	48,307	21,665	23,516	22,835
In manufactures with benefit of drawback	8,800	6,175	11,699	13,086	12,161	10,503	7,220	6,508
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	410,606	257,669	244,299

[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. 694.—MANUFACTURES OF NONFERROUS METALS AND ALLOYS,[1] 1931

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	1931		Kind	1931	
	Quantity	Value		Quantity	Value
Ingots and pigs:			Other tubing, including brazed	2,482	573
Copper (secondary)	52,558	3,756	Castings, rough:		
Lead (secondary)	277,392	11,473	Brass and bronze	209,266	33,468
Zinc (secondary)	38,288	1,441	Copper	3,290	951
Brass and bronze	161,768	14,252	Nickel-alloy [2]	4,068	2,227
Antifriction bearing metal	29,112	3,783	Finished products:		
Solders, of all kinds	70,154	10,166	Castings, finished, brass and bronze	----------	3,573
Type metal	58,508	3,538	Bearings and bushings, brass and bronze (including antifriction linings)	----------	9,231
Plates and sheets:			Die castings	----------	8,037
Brass and bronze	225,710	33,295	Extruded shapes	----------	2,281
Copper	144,006	23,251	Forgings and hot-pressed parts, brass and bronze	----------	2,807
Lead	33,176	2,227	Bells	----------	479
Nickel and nickel-alloy	27,188	8,202			
Rods and bars:					
Brass and bronze	201,086	22,576			
Copper	180,708	18,553			
Nickel and nickel alloys	5,628	2,235			
Tubing (seamless) and pipe:					
Brass and bronze	97,904	16,773			
Copper	64,504	12,054			
Lead	44,388	2,906			
Nickel and nickel alloys	2,452	1,289			

[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. 695.—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	1929	1930	1931	1932	1933 [1]
Mine production (recoverable zinc content of ore)	327,618	587,524	710,847	724,478	595,425	410,318	235,231	384,186
Colorado	38,545	24,395	30,811	29,431	36,259	16,187	109	1,285
Idaho	2,802	13,966	15,619	45,675	37,649	19,569	10,252	21,090
Kansas	13,229	61,073	118,778	109,850	74,304	39,051	26,277	40,947
Missouri	128,589	24,509	14,794	11,017	10,811	3,205	986	5,042
Montana	15,819	92,169	57,658	68,176	26,421	6,747	2,197	20,750
Nevada	1,354	5,349	7,411	8,460	14,584	10,431	127	6,150
New Jersey	68,584	78,511	89,261	103,740	97,626	94,285	81,460	75,125
New Mexico	9,044	5,007	9,246	34,455	32,765	27,866	25,593	30,924
New York		5,654	5,158	10,250	22,471	24,100	16,794	17,733
Oklahoma	6,394	219,727	283,371	192,042	136,153	78,132	63,437	91,065
Tennessee	966	19,217	16,256	[2] 40,558	[2] 48,147	[2] 38,312	[2] 18,514	[2] 32,770
Utah	8,184	4,079	26,306	51,510	44,495	37,291	29,666	29,745
Wisconsin	25,927	27,285	20,230	16,986	12,558	10,088	7,522	7,800
Other States	8,181	6,583	15,948	2,328	1,182	5,054	2,297	3,760
Smelter production	310,407	506,227	634,376	690,847	547,345	328,706	227,148	355,282
Primary zinc	269,184	463,377	572,946	625,447	498,045	291,996	207,148	307,182
From domestic ore	252,479	450,045	555,631	612,136	489,361	291,996	207,148	306,010
From foreign ore	16,705	13,332	17,315	13,311	8,684			1,172
Secondary zinc	41,223	42,850	61,430	65,400	49,300	34,800	20,000	48,100
Redistilled	12,784	21,371	39,181	47,348	[3] 34,849	[3] 21,625	14,718	30,087
Remelted	28,439	21,479	22,249	18,052	14,451	13,175	5,282	18,013
Value of primary product from domestic ore ($1,000)	27,268	72,907	84,456	80,802	46,979	22,192	12,429	25,705
Primary zinc consumed:								
Supply, total	282,350	508,347	593,724	674,105	584,295	459,586	351,089	437,315
Stock, Jan. 1	11,206	36,793	20,754	48,432	85,904	167,293	143,592	128,192
Produced	269,184	463,377	572,946	625,447	498,045	291,996	207,148	307,182
Imported	1,960	8,177	24	226	346	297	349	1,941
Deductions:								
Exports, total	13,234	114,267	80,547	19,676	8,533	3,402	9,617	5,030
Stock, Dec. 31	23,232	71,037	13,080	85,904	167,293	143,592	128,192	110,487
Apparent deliveries to domestic consumers	245,884	323,043	500,097	568,525	408,469	312,592	213,280	321,798

[1] Preliminary.
[2] Includes Virginia.
[3] Includes small quantity of secondary electrolytic zinc.

Source: Bureau of Mines, Department of the Interior.

No. 696.—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	1924	515,831	67,058
1880 [3]	23,239	2,277	1926–1930	576,395	73,119	1925	555,631	84,456
1885	40,688	3,540	1916	564,338	151,243	1926	611,991	91,799
1886–1890	54,285	5,219	1917	584,597	119,258	1927	576,960	73,851
1891–1895	82,396	6,787	1918	492,405	89,618	1928	591,525	72,166
1896–1900	109,963	10,180	1919	452,272	66,032	1929	612,136	80,802
1901–1905	169,504	17,067	1920	450,045	72,907	1930	489,361	46,979
1906–1910	219,378	24,165	1921	198,232	19,823	1931	291,996	22,192
1911–1915	346,867	52,416	1922	353,274	40,273	1932	207,148	12,429
1916–1920	508,731	99,812	1923	508,336	69,134	1933	306,010	25,705

[1] Values at New York prices, up to and including 1907; at St. Louis prices, 1908 to 1914; at average price all grades, 1915 and later years.
[2] Computed at yearly average of high and low monthly prices at New York.
[3] Census year ended May 31.

Source: Bureau of Mines, Department of the Interior.

No. 697.—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 unchanging from 1837 to 1933 at $20.67+ per fine ounce, is not shown in the table. In 1933, varying higher prices prevailed subsequent to the Executive order of Aug. 29 (for 1933 data regarding value of gold production, see note 6, Table 673). 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	1902	3,870	55,500	29,415
1848–1850	4,838	116	152	1903	3,560	54,300	29,322
1851–1855	14,271	194	259	1904	3,892	57,683	33,456
1856–1860	12,384	309	418	1905	4,266	56,102	34,222
1861–1865	10,716	28,811	38,674	1906	4,565	56,518	38,256
1866–1870	12,226	49,113	65,261	1907	4,375	56,515	37,300
1871–1875	8,826	121,083	156,270	1908	4,574	52,441	28,051
1876–1880	10,301	157,681	182,506	1909	4,822	54,722	28,455
1881–1885	7,730	182,841	202,807	1910	4,657	57,138	30,855
1886–1890	8,078	231,819	227,495	1911	4,687	60,399	32,616
1891–1895	9,107	287,057	227,960	1912	4,521	63,767	39,198
1896–1900	15,729	279,544	172,689	1913	4,300	66,802	40,348
1901–1905	19,394	278,798	159,543	1914	4,573	72,455	40,068
1906–1910	22,993	277,333	162,916	1915	4,888	74,961	37,397
1911–1915	22,968	338,384	189,626	1916	4,479	74,415	48,953
1916–1920	17,246	326,009	298,852	1917	4,051	71,740	59,078
1921–1925	12,229	314,190	259,162	1918	3,321	67,810	66,485
1926–1930	11,259	293,692	159,829	1919	2,919	56,682	63,534
1887	1,603	41,722	40,887	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	2,363	56,240	[1] 56,240
1890	1,589	54,516	57,242	1923	2,503	73,335	[1] 60,135
1891	1,605	58,330	57,630	1924	2,529	65,407	43,823
1892	1,597	63,500	55,663	1925	2,412	66,155	45,912
1893	1,739	60,000	46,800	1926	2,335	62,719	39,136
1894	1,911	49,500	31,422	1927	2,197	60,434	34,266
1895	2,255	55,727	36,446	1928	2,233	58,463	34,201
1896	2,568	58,335	39,655	1929	2,208	61,328	32,688
1897	2,775	53,860	32,316	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	1933	2,556	23,003	8,051
1901	3,806	55,214	33,128				

State or Territory	Gold, 1,000 fine ounces					Silver, 1,000 fine ounces					Silver, value, 1933, 1,000 dollars
	1910	1920	1930	1932	1933	1910	1920	1930	1932	1933	
Total	4,657	2,476	2,286	2,449	2,556	57,138	55,362	50,748	23,981	23,003	8,051
Alaska	787	413	407	433	457	154	822	392	257	155	54
Arizona	165	240	149	67	72	2,656	5,432	4,910	2,137	2,145	751
California	989	716	450	570	595	1,792	1,655	1,434	509	354	124
Colorado	993	363	218	270	265	8,523	5,167	4,852	1,653	2,163	757
Idaho	50	23	21	41	56	7,027	7,365	9,710	6,691	6,627	2,319
Michigan	------	------	------	------	(2)	262	512	11	71	126	44
Montana	180	92	47	38	61	12,283	13,263	8,597	2,336	3,564	1,247
Nevada	913	175	140	128	101	12,366	7,482	4,179	1,305	1,031	361
New Mexico	23	22	32	20	27	779	700	1,160	1,108	1,163	407
Oregon	33	50	14	20	20	44	102	10	9	18	6
South Dakota	260	210	406	479	520	121	88	105	125	130	46
Texas	(2)	(2)	(2)	(2)	(2)	364	523	469	1	(2)	(2)
Utah	209	103	209	146	93	10,446	11,755	14,451	7,680	5,298	1,854
Washington	39	7	4	4	5	205	178	30	18	16	6
Philippine Islands	7	62	185	230	280	2	22	121	149	181	63
Other	8	(2)	3	3	4	115	296	317	31	31	11

[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. 698.—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	3,669	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
1925	1,000	30,134	31,134	30,092	61,226	77	29,852	29,929	9,897	39,827
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] 7,490	[2] 6,490	26,595	20,105	77	14,384	14,461	9,797	24,258

[1] Estimated.
[2] Excess of return from industry over amount used by industry.

No. 699.—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 from 1918 to 1924, and in 1931, 1932, The commercial ratio is computed asis of the New York average price. basis of London quotations through 1917; thereafter, on

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		1906	.677	.674	.724	.631	30.54	.524
1840	1.323				15.62	1.023	1907	.662	.660	.710	.528	31.24	.512
1845	1.298				15.92	1.004	1908	.535	.535	.589	.483	38.64	.414
1850	1.316				15.70	1.018	1909	.520	.522	.545	.508	39.74	.402
1855	1.344				15.38	1.039	1910	.541	.542	.576	.508	38.22	.418
1860	1.352				15.29	1.045	1911	.539	.540	.575	.521	38.33	.417
1865	1.338				15.44	1.035	1912	.615	.620	.656	.553	33.62	.475
1870	1.328				15.57	1.027	1913	.605	.612	.651	.580	34.19	.468
1875	1.242	1.239	1.261	1.210	16.64	.961	1914	.553	.563	.609	.490	37.37	.428
1880	1.145	1.139	1.150	1.113	18.05	.886	1915	.519	.511	.580	.478	40.48	.401
1885	1.065	1.064	1.095	1.028	19.41	.824	1916	.686	.672	.791	.573	30.78	.531
1889	.935	.936	.973	.925	22.10	.723	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	.700	.595	32.56	.491	1922	.754	.679	.742	.629	30.43	.525
1895	.654	.663	.690	.600	31.60	.506	1923	.700	.652	.690	.629	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	.630	.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	69.06	.271

Source of Tables 698 and 699: Annual Reports of the Director of the Mint, Treasury Department.

No. 700.—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
1916	54,534	35,464	19,069	35.0	170,841	1,175	55
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	51,845	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	109
1928	52,806	4,493	48,313	91.5	252,834	1,098	148
1929	59,884	6,472	53,412	89.2	278,996	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	104
1932	21,789	652	21,137	97.0	104,337	630	117
1933	27,555	877	26,678	96.8	122,844	638	171

[1] Imports entered for consumption prior to 1925.

No. 701.—COKE: By-Product and Beehive Production, by States

[Figures in thousands of short tons (2,000 pounds)]

	1915	1920	1925	1928	1929	1930	1931	1932	1933
BY-PRODUCT									
Total	14,073	30,834	39,912	48,313	53,412	45,196	32,356	21,137	26,678
Alabama	2,070	3,124	4,582	4,327	4,754	3,987	2,943	1,401	1,669
Colorado	-------	517	490	606	565	379	226	92	140
Illinois	1,687	2,137	3,012	3,241	4,204	3,576	2,479	1,428	1,501
Indiana	2,768	4,554	5,142	6,094	6,455	4,984	2,757	1,435	2,089
Maryland	313	682	1,019	1,186	1,393	1,169	818	500	702
Massachusetts	504	488	535	687	777	863	1,150	987	1,020
Michigan	(1)	1,393	1,751	2,400	2,680	2,604	2,437	2,165	2,341
Minnesota	128	675	518	623	746	641	440	386	412
New Jersey	269	726	904	903	898	919	931	806	835
New York	684	1,040	2,220	3,803	4,290	3,850	3,578	3,130	3,427
Ohio	666	5,615	7,105	7,786	8,521	6,163	3,933	2,347	3,677
Pennsylvania	3,092	7,730	9,853	13,475	14,489	12,529	7,525	4,038	6,170
West Virginia	141	447	1,056	1,368	1,431	1,479	1,265	903	1,074
All other States	1,749	1,706	1,725	1,814	2,199	2,051	1,873	1,520	1,621
BEEHIVE									
Total	27,508	20,511	11,355	4,493	6,472	2,776	1,128	652	877
Pennsylvania	22,531	15,908	9,574	3,442	5,368	2,011	856	506	670
Ohio	19	87	156	(1)					
West Virginia	1,250	1,381	490	431	497	422	114	49	80
Alabama	1,001	890	88	-------	-------	-------	-------	-------	-------
Kentucky	285	273	(1)	(1)	-------	-------	-------	-------	-------
Tennessee	234	163	128	104	96	25	17	11	11
Virginia	630	1,028	422	248	315	220	99	56	70
Colorado	671	273	155	144	156	79	(1)	24	35
Utah	(1)	(1)	146	28	14	7	(1)	6	10
All other States	887	509	196	46	26	12	43	1	(2)

[1] Included under "all other States."
[2] Less than 500 tons.

Source of Tables 700 and 701: Bureau of Mines, Department of the Interior.

No. 702.—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	1911	496,371	90,464	405,907	175,189	451,376
1831–1840	1,032	722	310	1912	534,467	84,362	450,105	177,623	517,983
1841–1850	4,535	2,697	1,837	1913	569,960	91,525	478,435	195,181	565,235
1851–1860	12,513	7,645	4,868	1914	513,525	90,822	422,704	188,181	493,309
1861–1865	20,538	11,142	9,396	1915	531,619	88,995	442,624	184,653	502,038
1866–1870	31,706	16,281	15,425	1916	590,098	87,578	502,520	202,010	665,116
1871–1875	52,179	23,407	28,773	1917	651,402	99,612	551,791	283,651	1,249,273
1876–1880	62,261	25,800	36,461	1918	678,212	98,826	579,386	336,480	1,491,810
1881–1885	107,291	36,198	71,093	1919 [1]	553,952	88,092	465,860	364,927	1,160,616
1886–1890	138,398	43,952	94,446	1920	658,265	89,598	568,667	434,252	2,129,933
1891–1895	178,822	53,405	125,416	1921 [1]	506,395	90,473	415,922	452,305	1,199,984
1896–1900	227,123	55,625	171,498	1922	476,951	54,683	422,268	273,700	1,274,820
1901–1905	339,357	66,854	272,503	1923	657,904	93,339	564,565	506,787	1,514,621
1906–1910	454,555	81,142	373,413	1924 [1]	571,613	87,927	483,687	477,231	1,062,626
1911–1915	529,189	89,233	439,956	1925 [1]	581,870	61,817	520,053	327,665	1,060,402
1916–1920	626,386	92,741	533,645	1926 [1]	657,804	84,437	573,367	474,164	1,183,417
1921–1925	558,947	77,648	481,299	1927 [1]	597,859	80,096	517,763	420,942	1,029,652
1926–1930 [1]	595,497	76,619	518,878	1928 [1]	576,093	75,348	500,745	393,638	933,774
1907	480,363	85,604	394,759	1929 [1]	608,817	73,828	534,989	385,643	952,781
1908	415,843	83,269	332,574	1930 [1]	536,911	69,385	467,526	354,574	795,483
1909	460,815	81,070	379,744	1931 [1]	441,735	59,646	382,089	296,355	588,895
1910	501,596	84,485	417,111	1932 [1]	359,565	49,855	309,710	222,375	406,677
				1933 [2]	377,339	49,399	327,940	213,400	445,998

State	1911–1915	1916–1920	1921–1925	1926–1930 [1]	1929 [1]	1930 [1]	1931 [1]	1932 [1]	1933 [2]
Total quantity	529,189	626,386	558,947	595,497	608,817	536,911	441,735	359,565	377,339
Anthracite (Pa.)	89,233	92,741	77,648	76,619	73,828	69,385	59,646	49,855	49,399
Bituminous	439,956	533,645	481,299	518,878	534,989	467,526	382,089	309,710	327,940
Alabama	15,864	17,834	18,097	18,380	17,944	15,570	11,999	7,856	8,775
Arkansas	1,986	1,980	1,261	1,579	1,695	1,533	1,154	1,033	(3)
Colorado	9,433	11,595	10,049	9,665	9,921	8,197	6,604	5,599	5,211
Illinois	58,320	78,255	68,523	57,310	60,658	53,731	44,303	33,475	36,110
Indiana	16,060	25,515	21,677	18,467	18,344	16,490	14,295	13,324	13,500
Iowa	7,442	7,571	4,952	3,879	4,241	3,893	3,388	3,862	3,230
Kansas	6,811	6,556	3,827	3,215	2,976	2,430	1,987	1,953	(4)
Kentucky	18,380	30,108	43,743	61,116	60,463	51,209	39,964	35,300	35,530
Maryland	4,549	4,158	2,033	2,700	2,649	2,271	2,006	1,429	1,500
Michigan	1,271	1,301	976	705	804	661	359	446	340
Missouri	4,048	5,086	3,011	3,538	4,030	3,853	3,621	4,070	[4] 5,390
Montana	2,972	4,008	2,881	3,139	3,408	3,022	2,378	2,125	2,130
New Mexico	3,618	3,728	2,772	2,612	2,623	1,969	1,553	1,263	1,160
North Dakota	506	787	1,221	1,622	1,862	1,700	1,519	1,740	1,650
Ohio	28,553	40,609	31,590	21,111	23,689	22,552	20,411	13,909	19,960
Oklahoma	3,720	4,292	2,741	3,346	3,774	2,794	1,908	1,255	[3] 2,170
Pennsylvania	157,229	168,532	133,721	137,038	143,516	124,463	97,659	74,776	79,770
Tennessee	6,288	6,208	5,078	5,544	5,405	5,130	4,721	3,538	3,570
Texas	2,201	1,980	1,084	1,107	1,101	834	716	637	610
Utah	2,999	4,693	4,593	4,683	5,160	4,258	3,350	2,852	2,610
Virginia	7,924	10,158	10,648	12,521	12,748	10,907	9,699	7,692	8,390
Washington	3,261	3,576	2,626	2,513	2,521	2,302	1,846	1,591	1,460
West Virginia	69,353	86,369	97,044	136,315	138,519	121,473	101,473	85,609	90,770
Wyoming	6,907	8,555	6,812	6,526	6,705	6,088	4,994	4,171	3,985
Miscellaneous	259	190	239	246	231	196	182	204	119

[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. 703.—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	3,084	--------	--------
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
1914	17,632	54,316	3,830	20,211	13,802	34,105	1,395	3,928	7,266	24,146
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	32,657	14,433	59,464	881	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	584	3,433	1,175	5,241

[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.

No. 704.—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	50,710	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
1929	65,295	3,233	5,301	--------	5.22	151,501	225	2.17	487	1.6	89
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
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	203	3.91	794	55.0	671
1920	504,873	21,289	11,896	30,608	3.75	639,547	220	4.00	881	59.8	798
1925	477,173	21,351	5,776	15,753	2.04	588,493	195	4.52	884	70.6	823
1929	497,934	23,263	4,663	9,129	1.78	502,993	219	4.85	1,064	75.4	752
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

[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 703, Bureau of Foreign and Domestic Commerce; Table 704, Bureau of Mines, Department of the Interior.

No. 705.—CONSUMPTION OF BITUMINOUS COAL: BY CONSUMING CLASSES

	1889	1899	1909	1919	1929	1930	1931	1932	1933 [1]
Consumption (million net tons of 2,000 lbs.), total	95.8	190.3	370.3	481.7	519.6	455.0	371.9	306.9	315.9
Colliery fuel	1.4	3.1	9.5	11.1	4.7	4.0	3.2	2.8	2.9
Locomotive fuel, all steam roads	26.5	53.4	106.0	124.7	118.6	[2] 98.4	[2] 81.7	[2] 66.5	[2] 66.0
Bunkers, vessels in foreign trade	1.9	3.8	6.8	8.2	4.3	3.5	2.2	1.4	1.3
Coke ovens, beehive and by-product	16.0	30.2	59.4	65.6	86.8	69.8	48.6	31.9	40.0
Electric public utilities [3]	.....	7.6	18.7	35.1	44.9	42.9	38.7	30.3	30.6
All other uses [4]	50.0	92.2	169.9	237.0	260.3	236.4	197.4	174.1	175.1
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	.9	.8	.9	.9
Locomotive fuel, all steam roads	27.7	28.1	28.6	25.9	22.8	[2] 21.6	[2] 22.0	[2] 21.7	[2] 20.9
Bunkers, vessels in foreign trade	2.0	2.0	1.9	1.7	.8	.8	.6	.4	.4
Coke ovens, beehive and by-product	16.7	15.9	16.0	13.6	16.7	15.3	13.1	10.4	12.7
Electric public utilities	.....	4.0	5.0	7.3	8.6	9.4	10.4	9.9	9.7
All other uses	52.1	48.4	45.9	49.2	50.2	52.0	53.1	56.7	55.4

[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. 706.—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
1909	24,763	723,634	29	1921	151,263	3,106,103	21
1910	218,493	19,250,524	88	1922	603,031	73,497,043	122
1911	41,413	983,737	24	1923	197,214	3,868,543	20
1912	311,056	12,527,305	40	1924	129,452	5,362,748	41
1913	135,395	3,049,412	23	1925	186,369	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

State	1929		1930		1931		1932	
	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	58,052	468,453	41,000	1,102,758	110,565	2,127,984	97,126	7,841,991
Anthracite (Pa.)	39,777	272,511	18,202	112,398	65,907	570,664	34,259	289,523
Total bituminous	18,275	195,942	22,798	990,360	44,658	1,557,320	62,867	7,552,468
Arkansas	95	2,177	.....	.....	860	21,153	1,964	103,522
Illinois	10,162	68,155	9,483	348,779	9,400	397,263	32,961	4,397,006
Indiana	3,851	58,553	2,008	32,003	883	14,181	3,820	507,051
Iowa	810	2,434	591	3,754	824	24,500	389	7,503
Kansas	106	3,341	.....	.....	38	570	58	350
Kentucky	561	4,286	6,436	552,067	2,920	59,240	721	30,725
Michigan	762	3,894	630	2,560	597	26,185	.....	.....
Missouri	211	633	50	700	679	34,671	301	48,590
Montana	.....	.....	.....	.....	.....	.....	748	28,100
Ohio	943	46,165	1,143	12,583	5,591	138,155	15,290	2,130,292
Oklahoma	.....	.....	.....	.....	501	19,812	970	46,903
Pennsylvania [1]	313	4,073	924	14,689	12,783	398,932	2,021	113,696
Tennessee	200	1,200	.....	.....	1,133	28,767	550	35,967
Washington	.....	.....	.....	.....	.....	.....	958	42,266
West Virginia	.....	.....	1,523	13,215	8,441	393,883	1,510	44,307
Other States	261	1,031	10	10	8	8	606	16,190

[1] Owing to unusual conditions, figures tend to understate extent of the strike and number of idle miners.

Source: Bureau of Mines, Department of the Interior.

No. 707.—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	1932	1933	1934	1925	1930	1931	1932	1933	1934
Atlanta, Ga.						7.32	7.80	7.60	6.46	6.12	7.02
Baltimore, Md.	[2] 15.75	13.75	13.75	12.75	13.00	7.38	[3] 7.39	[3] 7.75	[3] 7.36	[3] 6.86	[3] 7.64
Birmingham, Ala.						7.79	7.65	7.38	6.31	5.07	6.07
Boston, Mass.	16.00	15.50	15.00	13.50	13.50						
Bridgeport, Conn.	15.38	15.50	14.13	12.75	13.75						
Buffalo, N. Y.	13.56	13.32	13.40	12.21	12.64						
Butte, Mont.						11.05	11.15	0.48	9.98	9.72	9.75
Charleston, S. C.	[2] 17.10					11.00	9.67	9.67	9.50	8.67	9.75
Chicago, Ill.	16.70	16.40	16.75	15.50	13.79	8.51	[4] 8.53	[4] 8.09	[4] 7.92	[4] 7.25	[4] 8.21
Cincinnati, Ohio						7.21	[4] 6.30	[4] 6.30	[4] 5.75	[4] 5.25	[4] 6.10
Cleveland, Ohio	14.88	14.75	14.31	13.44	12.13	8.37	[4] 7.10	[4] 6.81	[4] 6.61	[4] 5.52	[4] 6.20
Columbus, Ohio						6.68	[4] 6.07	[4] 6.09	[4] 5.35	[4] 4.92	[4] 6.11
Dallas, Tex.	[5] 17.75	[5] 15.50	[5] 14.00	[5] 14.00	[5] 14.00	14.22	12.92	12.58	10.50	10.75	10.50
Denver, Colo.	[6] 16.33	[6] 14.75	[5] 15.00	[5] 14.50	[5] 15.58	9.47	10.45	10.21	8.21	7.02	8.03
Detroit, Mich.	15.38	15.50	14.50	13.17	12.45	8.93	[4] 8.39	[4] 7.41	[4] 6.38	[4] 5.80	[4] 6.86
Fall River, Mass.	15.83	16.25	16.00	14.25	14.25						
Houston, Tex.						12.38	13.60	12.20	10.80	10.50	11.60
Indianapolis, Ind.	16.50					7.15	[4] 6.01	[4] 5.93	[4] 5.71	[4] 5.05	[4] 5.99
Jacksonville, Fla.						12.00	14.00	10.00	10.00	9.00	11.13
Kansas City, Mo.	[5] 15.17	[5] 12.55	[5] 11.38	[5] 10.50	[5] 10.50	8.13	7.18	6.79	6.04	5.61	5.85
Little Rock, Ark.	[5] 15.00	[5] 13.50	[5] 12.00	[5] 10.75	[5] 10.50	11.00	9.95	10.05	9.22	8.22	8.33
Los Angeles, Calif.						16.31	16.50	16.50	16.25	16.25	17.04
Louisville, Ky.						7.37	[4] 7.01	[4] 6.24	[4] 5.23	[4] 4.64	[4] 5.46
Manchester, N. H.	17.00	17.00	16.50	14.83	15.00						
Memphis, Tenn.						8.11	7.85	7.44	6.78	5.68	7.18
Milwaukee, Wis.	16.65	15.85	16.05	14.80	13.00	9.69	[4] 7.68	[4] 7.70	[4] 7.45	[4] 6.94	[4] 7.51
Minneapolis, Minn.	17.95	17.85	18.05	17.10	15.25	10.92	[4] 10.56	[4] 9.85	[4] 9.78	[4] 9.56	[4] 9.93
Mobile, Ala.						10.02	9.63	9.59	8.88	7.32	8.44
Newark, N. J.	13.43	13.46	13.55	11.88	12.50						
New Haven, Conn.	15.20	15.17	14.90	13.90	13.90						
New Orleans, La.						11.19	10.96	10.93	9.93	8.57	10.10
New York, N. Y.	14.33	14.13	13.83	11.64	12.35						
Norfolk, Va.	15.50	14.00	14.50	13.00	14.00	9.27	[4] 7.25	[4] 7.38	[4] 7.00	[4] 6.50	[4] 8.00
Omaha, Nebr.						10.04	9.69	9.68	8.77	8.35	8.59
Peoria, Ill.						6.79	6.75	6.43	6.25	6.09	6.55
Philadelphia, Pa.	[2] 15.32	[2] 14.50	13.50	11.50	12.00						
Pittsburgh, Pa.	16.50	15.00	14.00	12.75	12.75	6.83	5.29	4.91	4.47	3.26	4.72
Portland, Me.	16.56	16.80	16.80	15.60	14.25						
Portland, Oreg.						13.64	13.46	13.38	12.07	11.52	12.79
Providence, R. I.	[7] 16.00	[7] 16.00	[7] 15.75	[7] 14.50	[7] 14.50						
Richmond, Va.	15.50	15.00	14.50	13.50	14.00	8.83	[4] 8.38	[4] 8.75	[4] 8.00	[4] 6.83	[4] 7.83
Rochester, N. Y.	14.15	14.25	14.38	13.00	12.85						
St. Louis, Mo.	16.88	16.45	16.47	15.22	13.72	6.69	6.75	6.40	5.67	5.44	5.54
St. Paul, Minn.	17.95	17.85	18.05	17.10	15.25	11.57	[4] 10.27	[4] 9.58	[4] 9.60	[4] 9.40	[4] 9.78
Salt Lake City, Utah	[6] 18.50	[6] 18.00				8.40	8.37	8.47	7.58	7.01	7.80
San Francisco, Calif.	[8] 26.50	[8] 26.00	[8] 26.00	[8] 25.00	[8] 25.63	17.28	16.98	17.00	17.00	15.00	16.06
Savannah, Ga.	[9] 17.00					[9] 11.50	[9] 10.24	[9] 10.53	[9] 8.53	[9] 8.28	[9] 10.04
Scranton, Pa.	10.62	9.92	10.03	8.68	8.60						
Seattle, Wash.						10.21	10.68	10.79	10.54	9.79	9.92
Springfield, Ill.						4.25	4.34	4.34	4.34	3.68	4.06
Washington, D. C.	[2] 15.67	[2] 15.23	[2] 15.40	[2] 14.15	[2] 14.15	[2,48].88	[2,48].63	[2,48].61	[2,48].46	[2,48].18	[2,48].64

[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 for sizes 1 for binning.
[8] New York quotations, f.o.b. dealers' yards.
[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. 708.—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]	7.01		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
1921	16.13	14.95	204	189	15.99	14.90	207	193	11.82	10.47	218	193
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	13.16	189	166	15.00	13.37	194	173	8.17	7.50	150	138
1933	13.61	12.26	172	155	13.82	12.47	179	161	7.46	7.64	137	141
1934	13.25	-------	167	------	13.44	-------	174	------	8.24	-------	152	------

[1] Prices represent combined averages for cities shown in Table 707.
[2] Average of prices for January and July; this is the base for relative prices. [3] Insufficient data.

No. 709.—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 la-ge 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	-------	-------	-------						
1911–1915	575,708	88,492	11,602	30,317	2,481						
1916–1920	762,681	154,590	412,787	268,038	48,174						
1921–1925	947,419	229,002	820,445	762,151	82,205						
1926–1930	1,637,540	-------	-------	-------	-------						
1921	662,052										
1922	762,546	221,535	545,139	505,832	72,711						
1923	1,006,973	240,001	875,711	816,226	77,268	1932	1,555,990	384,632	1,499,756	1,523,800	49,244
1924	1,141,521	253,856	1,016,276	933,861	82,283	1933[1]	1,480,000	375,000	1,400,000	1,411,600	53,641

State	Natural gas produced and marketed					Natural gas consumed	Natural gasoline produced		
	1920	1925	1930	1931	1932	1932	1931	1932	1933[1]
Total[2]	798,210	1,188,571	1,943,421	1,686,436	1,555,990	1,554,335	1,331,918	1,523,800	1,411,600
Arkansas	19,050	41,878	18,585	13,300	10,235	25,330	26,282	18,653	15,000
California	66,041	187,789	334,789	305,930	263,484	263,484	680,339	551,897	493,000
Illinois	3,013	4,165	2,890	2,130	1,709	29,432	5,024	4,558	(3)
Indiana	4,435	1,168	1,217	1,337	1,349	11,651	1	1	(3)
Kansas	33,140	26,917	37,630	38,742	40,690	56,965	32,690	24,792	22,900
Kentucky	15,297	10,770	28,023	27,870	29,005	13,608	5,464	4,877	(3)
Louisiana	46,219	152,620	278,341	224,155	201,561	113,215	58,034	46,199	38,100
Montana	818	1,496	10,060	10,949	13,295	[4] 11,100	-------	-------	(3)
New Mexico	-------	(5)	9,497	19,354	17,604	11,880	17,775	17,507	(3)
New York	19,127	[6] 6,210	[6] 9,624	[6] 7,868	[6] 8,813	16,724	132	117	(3)
Ohio	136,872	43,235	63,394	56,326	51,466	94,414	5,199	5,163	(3)
Oklahoma	126,689	249,285	348,116	263,685	255,487	246,741	454,886	378,584	359,700
Penn	161,397	101,632	88,706	[7] 74,797	[7] 61,611	76,935	14,339	11,685	(3)
Texas	49,467	[8] 134,872	[8] 517,880	[8] 464,580	[8] 456,832	414,644	426,695	371,106	359,400
W. Virginia	100,289	180,345	144,180	124,797	100,540	46,281	52,844	43,773	(3)
Wyoming	10,312	45,539	43,219	39,770	28,938	23,749	51,523	44,391	(3)

[1] Preliminary. [2] Includes other States not shown separately. [3] Not yet available.
[4] Includes 38,000,000 cubic feet piped from Canada. [5] Separate data not available.
[6] Includes 68,000,000 cubic feet piped to Canada in 1925, 107,000,000 in 1930, 38,000,000 in 1931, and 46,000,000 in 1932.
[7] Includes 36,000,000 cubic feet piped to Canada in 1931 and 37,000,000 in 1932.
[8] Includes 64,000,000 cubic feet piped to Mexico in 1925, 1,691,000,000 in 1930, 2,157,000,000 in 1931, and 1,610,000,000 in 1932.

Sources: Table 708, Bureau of Labor Statistics, Department of Labor; Table 709, Bureau of Mines, Department of the Interior.

No. 710.—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 by-product coke-oven gas, are not included

Material or product	Unit	Quantity (thousands of unit specified)			Cost or value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
Materials used, total cost					211,786	188,418	152,580
Coal for gas making:							
Anthracite	Long ton [1]	113	68	42			
Bituminous	Short ton [2]	8,102	8,918	9,055			
Oil for gas making	Gallon	230,729	196,701	67,496			
Oil for carbureting	do	683,048	673,021	583,498			
Gas purchased	M. cu. ft.	96,618	103,209	96,226			
Products, total value					516,705	512,653	467,751
Commercial plants					509,277	505,590	461,112
Municipal plants					7,428	7,063	6,639
Gas for sale	M. cu. ft.	412,236	408,401	374,068	446,245	438,243	399,681
Coke for sale	Short ton [2]	2,977	3,444	3,599	25,514	26,868	26,673
Tar for sale:							
Coal gas	Gallon	78,691	88,149	89,202	4,449	4,816	4,254
Water gas and oil gas	do	83,479	75,546	60,690	3,768	3,354	2,378
All other products and receipts					36,729	39,372	34,765

[1] 2,240 pounds. [2] 2,000 pounds.

No. 711.—MANUFACTURED-GAS INDUSTRY: SUMMARY OF STATISTICS

NOTE. Companies formerly distributing manufactured gas but which were distributing natural gas at the end of the year have been excluded for all years shown in this table.

	1929	1930	1931	1932	1933
Population served, Dec. 31 (thousands)	48,205	49,371	50,018	49,761	50,170
Miles of main, Dec. 31	86,000	89,500	94,200	94,300	95,700
Employees, Dec. 31	75,900	75,300	73,100	66,900	71,000
Total gas produced and purchased (million cubic feet)	432,408	430,999	416,402	387,043	372,507
Gas produced	313,710	308,227	298,542	263,489	245,415
Gas purchased	118,698	122,772	117,860	123,554	127,092
Total number of customers, Dec. 31 (thousands)	10,396	10,422	10,344	9,856	9,818
Domestic	9,893	9,900	9,796	9,351	9,292
House heating	44	54	59	61	81
Industrial and commercial	452	461	482	435	436
Miscellaneous	7	7	7	9	9
Total gas sales to consumers (million cubic feet)	398,657	400,636	388,677	356,352	339,542
Domestic	279,328	280,880	275,087	261,143	243,160
House heating	14,261	18,384	19,908	19,666	20,699
Industrial and commercial	102,866	99,038	91,617	73,282	73,637
Miscellaneous	2,202	2,334	2,065	2,261	2,046
Total revenue from consumers (thousand dollars)	441,369	444,055	432,563	408,596	377,888
Domestic	338,280	339,607	333,190	323,238	297,902
House heating	12,076	15,235	16,061	15,148	14,553
Industrial and commercial	89,108	87,310	81,710	68,557	63,906
Miscellaneous	1,905	1,903	1,602	1,653	1,527

No. 712.—AVERAGE NET PRICE OF MANUFACTURED GAS

NOTE.—Average net prices for the first 1,000 cubic feet for household use in cities specified in the first section of Table 713

Date	Actual	Relative	Date	Actual	Relative	Date	Actual	Relative
Apr. 15, 1914	$0.94	99	May 15, 1921	$1.32	139	Dec. 15, 1927	$1.22	128
Apr. 15, 1915	.93	98	Mar. 15, 1922	1.29	136	Dec. 15, 1928	1.22	128
Apr. 15, 1916	.92	97	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

Sources: Table 710, Bureau of the Census, Department of Commerce; Table 711, American Gas Association; Table 712, Bureau of Labor Statistics, Department of Labor.

No. 713.—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 [illegible] cubic feet per month. In cities where a service charge or a sliding [illegible] gher for families using less than 3,000 cubic feet per month and Prices fo [illegible] a family

City	Apr. 15, 1913	Apr. 15, 1915	Apr. 15, 1920	June 15, 1922	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	Dec. 15, 1933
	MANUFACTURED GAS															
Atlanta	$1.00	$1.00	$1.15	$1.65	$1.65	$1.55	$1.55	$1.55	$1.55	$1.55	$1.43					
Baltimore	.90	.80	.75	.92	.92	.85	.85	.85	.85	.85	.85	$0.85	$0.85	$0.85	$0.85	$0.85
Birmingham	1.00	.95	.95	.88	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80
Boston	.81	.80	1.08	1.32	1.25	1.20	1.18	1.18	1.18	1.18	1.18	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	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	1.55	1.45	1.45	1.45	1.45
Chicago	.80	.80	.87	1.07	1.07	1.02	1.02	1.02	1.02	.98	.98	.98	[1] .98			
Cleveland	.80	.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
Denver	.85	.80	.95	.95	.95	.95	.95	.95	.90	.90						
Detroit	.75	.75	.79	.79	.79	.82	.82	.79	.79	.79	.79	.79	.79	.77	.77	.79
Fall River	.80	.80	1.05	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.14	1.14	1.14	1.14	1.14
Houston	1.00	1.00	1.09	1.09	1.09	1.09	1.05									
Indianapolis	.60	.55	.60	1.20	1.15	1.15	1.10	1.05	1.05	.95	.95	.95	.95	.95	.95	.95
Jacksonville	1.20	1.15	1.50	1.65	1.65	1.97	1.97	1.97	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	1.48	1.38	1.38	1.38	1.38	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	1.20						
Milwaukee	.75	.75	.75	.90	.86	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82
Minneapolis	.85	.80	.95	1.02	1.05	1.01	.95	.97	.96	.94	.89	1.05	.96	.96	.96	.96
Mobile	1.10	1.10	1.35	1.80	1.80	1.80	1.80	1.80	1.76	1.76	1.76	1.76				
Newark	1.00	.90	1.15	1.25	1.25	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	1.21
New Haven	.90	.90	1.10	1.18	1.18	1.18	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	1.45	1.30	1.30	1.30	1.30	1.30	1.30						
New York	.84	.83	.87	1.31	1.23	1.23	1.23	1.23	1.24	1.25	1.25	1.24	1.24	1.23	1.21	1.22
Norfolk	1.00	1.00	1.60	1.40	1.40	1.40	1.40	1.33	1.33	1.33	1.33	1.32	1.32	1.32	1.18	1.18
Omaha	1.15	1.15	1.15	1.18	1.18	1.18	1.08	1.08	1.08	1.00	.95	.95	.88	.79	.79	.79
Peoria	.90	.90	.85	1.20	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	1.00	.95	.95	.88	.88
Portland, Me.	1.10	1.00	1.40	1.65	1.55	1.55	1.55	1.50	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
Portland, Oreg.	.95	.95	.95	1.25	1.16	1.16	1.16	1.19	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
Providence	.85	.85	1.30	1.42	1.22	1.22	1.17	1.17	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Richmond	.90	.90	1.00	1.30	1.30	1.30	1.30	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
Rochester	.95	.95	.95	1.10	1.05	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	1.05	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
St. Paul	.95	.90	.85	1.00	.85	.85	.85	.90	.90	.90	.90	.90	.90	.90	.90	.90
Salt Lake City	.87	.87	1.35	1.57	1.57	1.57	1.54	1.53	1.52	1.51	1.51					
San Francisco	.75	.85	.95	1.02	.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	1.60	1.50	1.50	1.50	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	1.45	1.43	1.43	1.43	1.48	1.42
Springfield, Ill.	1.00	1.00	1.10	1.40	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	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.95	.93	.84	.84
	NATURAL GAS AND MIXED MANUFACTURED AND NATURAL GAS															
Atlanta												$1.17	$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
Butte														.70	.70	.70
Chicago														[5] 1.32	[6] 1.32	[4] 1.30
Cincinnati	$0.30	$0.30	$0.35	$0.50	$0.50	.50	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75
Cleveland	.30	.30	.35	.40	.55	.55	.55	.60	.60	.60	.60	.60	.60	.60	.60	.60
Columbus	.30	.30	.30	.45	.45	.45	.55	.55	.48	.48	.48	.48	.48	.48	.55	.55
Dallas	.45	.45	.45	.68	.68	.68	.74	.74	.79	.79	.79	.79	.79	.79	.79	.79
Denver											.99	.99	.99	.99	.99	.99
Houston								.75	.75	.75	.75	.75	.75	.75	.75	.75
Kansas City	.27	.27	.80	.90	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.94
Little Rock	.40	.40	.45	.45	.45	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65
Los Angeles									.91	.91	.84	.84	.84	.84	.82	.79
Louisville		.45	.45	.45	.45	.45	45	.45	.45	.45	.45	.45	.45	.45	.45	.45
Memphis											.97	.95	.95	.95	.95	.95
Mobile													1.24	1.24	1.24	1.24
New Orleans											.95	.95	.95	.95	.95	.95
Peoria														[6] 1.95	[6] 1.95	[6] 1.95
Pittsburgh	.28	.28	.35	.50	.50	.53	.60	.60	.60	.60	.60	.60	.60	.60	.60	.60
Salt Lake City												.99	.99	.99	.99	1.01
San Francisco												.97	.97	.97	.97	.97
Springfield														[6] 2.00	[6] 2.00	[6] 2.00

[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. 714.—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	978,480
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	522,635	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 (prel.)	898,874	602,000
1926–1930	895,762	1,205,217	1920	442,929	1,360,745			

Source: Bureau of Mines, Department of the Interior.

No. 715.—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

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 oil	Crude oil	Refined oils	
1871–1880	12,519	[1]	[1]	528	6,026	[1]	[1]	[1]	2.4	37.7	[1]
1881–1890	29,249	[1]	[1]	1,719	12,084	[1]	[1]	[1]	5.1	43.7	[1]
1891–1895	51,095	[1]	[1]	2,606	16,751	[1]	[1]	[1]	5.0	40.8	[1]
1896–1900	59,498	[1]	[1]	2,907	20,240	[1]	[1]	[1]	5.8	57.1	[1]
1901–1905	102,083	[1]	[1]	3,029	22,317	[1]	[1]	[1]	6.3	68.5	[1]
1906–1910	172,769	[2] 295	[1]	3,686	30,521	[1]	[2] 0.7	[1]	6.4	90.4	[1]
1911–1915	247,739	12,080	293	4,134	44,475	[1]	7.6	1.1	6.1	125.8	[1]
1916–1920	362,661	49,531	1,396	5,413	58,896	11,681	26.5	5.0	14.1	323.7	24.2
1921–1925	647,961	94,857	12,545	13,330	76,455	36,501	68.0	22.2	22.5	363.6	55.9
1926–1930	895,762	67,919	23,779	20,062	119,700	50,198	78.6	51.8	30.2	464.7	62.3
1916	300,767	20,797	414	4,096	57,833	5,530	12.6	1.3	7.0	194.5	5.6
1917	335,316	30,127	1,401	4,098	58,999	5,908	16.3	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	59.4
1929	1,007,323	78,933	29,682	26,394	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	898,874	31,924	13,990	36,584	[3] 61,419	32,272	17.7	7.2	32.0	[3] 151.3	27.1

[1] Data are not available.

[2] [illegible] lineral oils.

[3] [illegible] 0 barrels valued at $533,000 in 1932, and 1,657,000 barrels valued at $3,[illegible] oils prior to 1932.

Source: Bureau of Mines, Department of the Interior, and Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 716.—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)	1930	1931	1932	1933 (preliminary)
World total [1]	236,795	384,345	541,733	944,768	1,316,008	1,411,905	1,373,656	1,311,377	1,417,470
United States [2]	137,426	247,739	362,661	647,961	895,762	898,011	851,081	785,159	898,874
Per cent of total	*58.0*	*64.4*	*66.8*	*68.6*	*68.1*	*63.6*	*62.0*	*59.9*	*63.4*
Regions:									
Appalachian	28,943	24,594	27,161	28,504	31,603	34,105	30,401	29,667	27,473
Lima—N. E. Ind.—Mich.	17,253	5,052	3,468	2,208	3,603	5,276	4,941	8,004	8,884
Illinois—S. W. Indiana [3]	12,659	24,955	13,918	9,585	7,495	6,677	5,842	5,450	4,948
Mid-continent	25,088	87,656	184,616	343,545	527,944	531,447	543,736	493,034	594,438
Gulf	17,436	12,357	24,273	33,688	54,140	69,676	57,592	53,466	75,388
Rocky Mountain	402	2,605	11,830	35,258	29,468	23,501	19,739	17,410	14,668
California	35,641	90,512	97,384	195,074	241,509	227,329	188,830	178,128	173,085
States:									
Arkansas				36,644	35,010	19,702	14,791	12,051	11,608
California	35,641	90,512	97,384	195,074	241,509	227,329	188,830	178,128	173,085
Colorado	381	211	139	392	2,477	1,666	1,545	1,136	947
Illinois	12,659	24,955	13,918	8,815	6,654	5,736	5,039	4,673	4,227
Indiana	6,527	1,167	885	1,011	937	994	840	806	728
Kansas [4]	4,603	2,235	32,556	32,733	41,123	41,638	37,018	34,848	41,942
Kentucky [5]	696	484	5,335	8,044	7,103	7,389	6,456	6,287	4,605
Louisiana	4,310	12,997	19,117	25,759	22,338	23,272	21,804	21,807	24,636
Michigan				1	1,913	3,911	3,789	6,910	7,851
Montana			129	2,729	4,826	3,349	2,830	2,457	2,122
New Mexico [6]				[7] 554	3,171	10,189	15,227	12,455	14,074
New York	1,153	920	864	1,274	2,765	3,647	3,363	3,508	3,174
Ohio	15,677	8,586	7,583	7,045	7,022	6,486	5,327	4,644	4,264
Oklahoma [4]	19,076	68,624	102,209	155,088	235,663	216,486	180,574	153,244	181,506
Pennsylvania	10,538	8,002	7,662	7,607	10,613	12,803	11,892	12,412	12,639
Texas	14,534	16,256	55,008	127,009	245,792	290,457	332,437	312,478	396,453
West Virginia	11,605	10,487	8,311	6,575	5,655	5,071	4,472	3,876	3,811
Wyoming	21	2,394	11,562	31,901	21,145	17,868	14,834	13,418	11,196

[1] [illegible] "World Petroleum." [2] Includes for certain years small quantities not distributed by States. [3] [illegible]orted with Illinois beginning 1921; previously with Lima-Indiana region.
[4] Kansas includes report for Oklahoma in 1905 and 1906.
[5] Kentucky includes report for Tennessee from 1891 to 1907. [6] Not shown separately prior to 1924.
[7] Average for years 1924 and 1925.

No. 717.—STOCKS OF CRUDE AND REFINED MINERAL OILS ON DECEMBER 31

[In thousands of barrels of 42 gallons]

	1927	1928	1929	1930	1931	1932	1933 [1]
Stocks of refinable crude, total [2]	379,680	392,629	428,445	411,882	370,194	339,715	355,394
East of California, total	359,574	374,874	387,396	368,484	328,080	300,375	318,426
Pipe line and tank-farm stocks by field of origin, total	312,637	327,565	334,891	320,740	286,057	246,356	255,022
Appalachian	7,334	5,515	5,239	6,492	6,115	5,762	4,709
Lima-N.E. Indiana-Michigan	1,134	1,162	544	1,453	1,560	1,069	1,280
Illinois and southwestern Indiana	12,170	11,367	10,411	10,252	9,790	11,210	11,061
Mid-continent	246,839	265,748	274,187	259,139	231,976	200,612	211,887
Gulf coast	17,922	18,272	20,129	18,255	13,316	12,130	11,029
Rocky Mountain	27,238	25,501	24,381	25,149	23,300	15,573	15,056
Refinery and importers' stocks	39,401	40,788	46,307	41,136	35,821	47,816	57,048
Producers' stocks (at wells)	7,536	6,521	6,198	6,608	6,202	6,203	6,356
California, light	20,086	17,755	41,049	43,398	42,114	39,340	36,968
Natural gasoline [3]	734	607	604	3,100	2,825	3,203	3,186
Stocks of refined products [3] [4]	216,782	227,774	260,448	251,680	[5] 258,879	[5] 247,188	[5] 242,873
Grand total stocks all oils	597,176	621,010	689,497	666,662	631,893	590,106	601,453

[1] [illegible]ly comparable with those for earlier years.
[2] [illegible]y crude and residual fuel.
[3] [illegible]cluded with refined products prior to 1930.
[4] [illegible]le and residual fuel; also wax, coke, and asphalt.
[5] [illegible] of gasoline.

Source of Tables 716 and 717: Bureau of Mines, Department of the Interior.

No. 718.—SUPPLY AND DEMAND OF CRUDE AND REFINED OILS

[In thousands of barrels of 42 gallons]

	1927	1928	1929	1930	1931	1932	1933 (preliminary)
Total new supply of all oils	1,014,084	1,038,166	1,171,359	1,058,949	982,611	896,965	980,228
Domestic production, total	942,348	946,609	1,062,649	953,331	896,524	822,471	933,957
Crude petroleum	901,129	901,474	1,007,323	898,011	851,081	785,159	898,874
Natural gasoline	38,657	42,326	52,271	52,631	43,617	36,281	33,610
Benzol	2,562	2,809	3,055	2,689	1,826	1,031	1,473
Imports—							
Crude	58,383	79,767	78,933	62,129	47,250	44,682	32,773
Refined [1]	13,353	11,790	29,777	43,489	38,837	29,812	13,498
Change in stocks [2]	+70,092	+22,775	+66,156	−24,000	−44,989	−41,792	+8,256
Total demand	943,992	1,015,391	1,103,203	1,082,949	1,027,600	938,757	971,972
Exports [3]—							
Crude	15,844	18,966	26,401	23,705	25,535	27,393	36,703
Refined [1]	125,805	135,991	136,719	132,794	98,859	75,882	69,822
Domestic [4]	802,343	860,434	940,083	926,450	903,206	835,482	865,447
Bunker oil	50,051	51,226	52,278	50,773	43,714	38,152	32,272

[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. 719.—PETROLEUM REFINING: MATERIALS AND PRODUCTS

Material or product	Quantity (thousands of unit specified)				Cost or value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
Materials used, total cost					1,752,997	2,031,341	1,210,517
Crude petroleum	Barrel [1]	831,332	1,039,922	909,420	(2)	1,614,875	(2)
Partially refined oils, etc., purchased and rerun	do	33,939	51,549	36,881	(2)	107,951	(2)
Natural gasoline	do	26,383	42,381	29,920	(2)	135,066	(2)
Soda ash	Ton [3]	21	18	9	(2)	655	(2)
Caustic soda	do	95	134	104	(2)	7,731	(2)
Sulphuric acid purchased and produced in plant	do	873	1,008	900	(2)	15,786	(2)
Sulphuric acid, reclaimed and reused	do	344	476	[4] 462	(2)	3,817	(2)
All other, including fuel and power					(2)	145,460	(2)
All products, total value					2,142,649	2,639,865	1,524,285
Gasoline	Gallon	12,729,536	17,538,789	17,100,621	1,048,471	1,531,242	831,386
Naphtha	do	451,344	662,642	461,174	42,484	64,904	20,668
Benzine	do	50,556	49,941	33,247	4,625	5,276	1,808
Tops	do	159,904	155,155	14,161	6,574	8,622	214
Illuminating oils	do	2,217,591	2,338,929	1,745,447	147,925	164,836	72,743
Fuel oils:							
Distillates	do	976,670	1,024,364	1,055,597	44,287	39,338	28,117
Gas oils	do	2,576,591	2,882,959	2,562,148	99,328	96,094	68,430
Residual fuel oil	do	11,862,599	12,483,631	10,591,948	313,344	249,198	175,021
Partially refined oils sold for rerunning	do	1,583,727	1,466,861	1,313,270	62,210	49,143	28,458
Lubricating oils:							
Pale or paraffin	do	227,198	157,669	89,448	30,617	19,653	9,442
Red or neutral	do	531,627	564,640	456,493	87,243	90,603	65,939
Cylinder oils	do	219,673	218,561	178,071	43,036	59,109	27,212
All other lubricating oils	do	403,403	612,840	423,754	83,733	135,308	94,779
Liquid asphaltic road oils	do	204,799	323,002	377,748	9,308	11,041	10,425
Residuum or tar	do	118,467	104,111	67,468	5,118	3,149	1,663
Greases	do	44,911	52,017	45,816	12,961	16,646	12,376
Paraffin wax	do	94,257	84,639	79,483	23,432	22,328	13,353
Asphalt, other than liquid	Ton [3]	2,642	3,115	2,462	37,884	34,506	21,751
Coke, petroleum	do	1,244	1,265	2,029	7,170	5,461	7,182
Other refinery products					24,173	21,076	29,453
All other products and receipts					8,726	12,132	3,865

[1] 42 gallons. [2] No data. [3] Of 2,000 pounds. [4] Basis 50° Baumé.

Source: Bureau of the Census, Department of Commerce.

No. 720.—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; 1933 data are preliminary]

Item	1918	1920	1925	1929	1930	1931	1932	1933
Crude oil run to stills	326,025	433,915	739,920	987,708	927,447	894,608	819,997	861,254
Domestic	324,618	372,779	698,582	912,191	866,615	847,671	777,696	825,786
Foreign	1,407	61,136	41,338	75,517	60,832	46,937	42,301	35,468
Natural gasoline run to stills or blended at refineries	2,451	3,153	[1] 19,636	[1] 46,457	[1] 43,170	[1] 35,116	[1] 26,332	[1] 25,326
Stocks of crude oil, end of year	15,750	21,261	[2] 29,200	[2] 46,307	[2] 41,136	[2] 36,546	[2] 47,816	[2] 57,048
Motor fuel:								
Production	86,280	118,022	262,252	439,393	440,728	437,453	399,712	408,284
Exports (gasoline and benzol)	13,650	15,678	31,684	62,059	65,575	45,716	35,438	29,186
Imports (gasoline)	307	964	3,813	8,834	16,927	13,621	8,205	12
Stocks, end of year	7,080	11,009	38,918	43,261	40,098	[3] 55,226	[3] 53,805	[3] 55,426
Apparent consumption	75,672	102,937	226,329	375,999	394,800	403,418	373,900	378,143
Kerosene:								
Production	43,461	55,240	59,689	55,940	49,208	42,446	43,836	48,921
Exports	11,820	20,878	21,212	20,022	16,884	12,712	11,044	8,960
Stocks, end of year	9,050	9,359	7,121	9,095	6,883	5,332	4,974	6,495
Apparent consumption	34,442	33,082	39,969	36,032	34,736	31,296	33,221	38,440
Gas oil and fuel oil:								
Production	174,319	210,987	364,991	428,219	372,498	336,967	294,750	315,455
Exports	29,637	22,080	36,088	39,151	36,450	29,231	19,994	20,369
Stocks, end of year	15,691	19,938	[2] 24,681	[4] 39,762	[5] 137,790	[5] 135,856	[5] 129,881	[5] 122,287
Lubricants:								
Production	20,035	24,938	31,055	34,359	34,201	26,704	22,433	23,805
Exports	6,165	9,643	9,678	10,860	9,935	8,128	6,851	8,218
Stocks, end of year	3,306	3,822	7,253	8,269	10,971	9,485	8,465	6,896
Apparent consumption	13,823	14,742	20,581	23,609	21,589	20,068	16,614	17,066
Wax—production...1,000 lbs.	505,144	541,204	590,577	630,074	547,680	477,400	458,920	469,560
Stocks, end of year...do	199,658	195,368	116,391	189,592	232,592	171,220	163,628	68,833
Coke—production...1,000 tons [6]	560	577	991	1,821	1,940	2,032	1,789	1,576
Stocks, end of year...do	23	32	238	745	[8] 1,069	1,512	1,330	727
Asphalt—production ...1,000 tons [6]	608	1,291	2,677	3,469	3,308	2,976	2,475	2,220
Stocks, end of year...do	77	81	159	240	308	302	276	255
Other finished products			8,044	9,924	13,179	[7] 47,957	[7] 49,522	[7] 52,988
Losses	14,557	18,743	22,914	35,064	37,003	[7] 19,070	[7] 20,652	[7] 16,591

[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] Stocks east of California plus gas oil and distillate fuel 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. 721.—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, 1933				
	1932	1933	1932	1933	Gasoline	Kerosene	Gas oil and fuel oil	Lubricants	Wax
Total	819,997	861,254	26,332	25,326	401,949	48,921	315,455	23,805	469,560
East coast	162,534	166,932	641	1,109	68,697	9,677	61,206	7,387	233,520
Appalachian	34,136	33,567	377	237	17,496	2,855	7,346	4,576	69,160
Indiana, Illinois, Kentucky, etc	106,758	117,073	1,859	1,785	64,585	4,221	26,935	1,832	25,760
Oklahoma, Kansas, and Missouri	87,170	96,541	4,847	4,948	54,922	6,823	26,806	2,435	29,120
Texas	196,578	218,145	6,449	5,916	101,949	14,533	78,269	5,264	47,600
Louisiana and Arkansas	54,150	57,519	1,638	691	22,852	4,669	23,800	502	57,400
Rocky Mountain	13,934	14,209	991	819	8,234	570	3,473	172	7,000
California	164,737	157,268	9,530	9,821	63,214	5,573	87,620	1,637	

Source: Tables 720 and 721, Bureau of Mines, Department of the Interior.

No. 722.—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
1922	57,349	382,280	264,344	128,059	64,539	52,720	58,568
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	164,645	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	106,688	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	96,237	116,787	120,738
1932	92,783	763,942	41,754	211,789	86,003	110,019	112,362

Source: Interstate Commerce Commission.

No. 723.—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 each for kerosene and gasoline from tank wagon, five refining locations for fuel oil, and lubricating oil at refineries

Year	Crude	Gasoline	Kerosene	Fuel oil	Lubricating oil	Month, 1933	Crude	Gasoline	Kerosene	Fuel oil	Lubricating oil
	Dolls.	*Cents*	*Cents*	*Dolls.*	*Cents*		*Dolls.*	*Cents*	*Cents*	*Dolls.*	*Cents*
1921	1.86	22.3	12.9	1.30	-------	January	.82	7.5	9.7	.65	12.4
1923	1.71	17.5	12.8	1.20	-------	February	.69	7.3	9.6	.63	11.3
1924	1.84	15.9	12.7	1.35	-------	March	.68	7.3	9.2	.60	11.0
1925	1.96	16.6	12.3	1.46	24.3	April	.67	7.3	8.8	.59	11.2
1926	2.03	17.5	14.7	1.47	23.3	May	.57	6.9	8.8	.58	13.3
1927	1.55	15.0	12.9	1.14	21.2	June	.60	7.7	8.9	.59	14.4
1928	1.54	14.7	12.9	.91	20.7	July	.80	9.1	9.0	.63	15.6
1929	1.67	13.9	13.4	.89	26.3	August	.85	9.2	8.7	.65	16.1
1930	1.39	11.7	12.1	.78	19.8	September	1.08	10.4	9.0	.70	16.3
1931	.91	8.7	10.3	.57	14.7	October	1.22	10.6	9.4	.77	17.8
1932	1.02	8.9	9.4	.62	14.5	November	1.23	10.6	9.6	.82	18.2
1933	.87	8.7	9.2	.67	14.7	December	1.23	10.2	9.6	.82	19.1

No. 724.—ASPHALT: SUPPLY, DISTRIBUTION, AND SALES

	1928	1929	1930	1931	1932	1933
Total supply (1,000 tons of 2,000 pounds)	**4,682**	**5,011**	**4,260**	**3,841**	**3,140**	**3,090**
Native asphalt and related bitumens:						
Produced	808	804	703	503	340	313
Imported (chiefly lake asphalt)	120	121	53	74	20	22
Petroleum asphalt (excluding road oil):						
Produced at refineries from—						
Domestic petroleum	1,322	1,583	1,404	1,275	1,116	1,237
Foreign petroleum	2,156	2,247	1,824	1,701	1,359	1,219
Stocks, Jan. 1	277	255	277	288	305	299
Total distribution (1,000 tons of 2,000 pounds)	**4,682**	**5,011**	**4,260**	**3,841**	**3,140**	**3,090**
Native asphalt and related bitumens:						
Indicated domestic demand	782	757	680	484	328	299
Exports (unmanufactured)	20	47	23	19	12	14
Petroleum asphalt (excluding road oil):						
Indicated domestic demand (incl. lake asphalt)	3,127	3,451	2,859	2,745	2,295	2,296
Exports	492	479	410	288	206	204
Stocks, Dec. 31	255	277	288	305	299	276
VALUE (1,000 DOLLARS)						
Native asphalt and related bitumens:						
Sales	5,175	5,470	4,463	2,930	1,943	1,705
Imports (chiefly lake asphalt)	865	956	457	726	251	278
Exports (unmanufactured)	684	1,133	629	531	449	554
Petroleum asphalt (excluding road oil):						
Sales	45,737	43,557	34,622	24,861	18,605	23,543
Exports	9,789	8,543	7,277	4,941	3,168	2,861

Source: Bureau of Mines, Department of the Interior.

No. 725.—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 726.) Data for 1933 are preliminary; leaders indicate separate data not yet available

State	1910	1920	1925	1929	1930	1931	1932	1933
	Thousands of barrels of 376 pounds							
Production, total	76,550	100,023	161,859	170,648	161,197	125,429	76,741	63,373
Alabama	[1] 1,481	1,132	6,288	5,006	4,821	4,447	1,453	----------
California	[2] 6,386	7,008	13,008	13,092	10,124	7,740	5,482	7,142
Illinois	4,459	5,539	7,101	8,243	7,935	6,407	5,481	----------
Iowa	[3] 2,010	4,849	4,648	6,373	7,088	5,804	4,271	----------
Kansas	5,656	4,341	6,511	6,740	6,012	4,145	2,296	----------
Michigan	3,688	4,891	10,936	13,749	11,511	6,133	4,296	3,716
Missouri	4,456	6,018	8,332	8,113	7,809	5,667	4,238	----------
New York	3,296	5,885	8,770	10,761	10,373	9,487	6,014	----------
Ohio	1,528	1,780	5,715	9,427	8,632	6,069	4,002	----------
Pennsylvania	26,676	28,269	42,347	39,355	37,844	28,510	15,799	----------
Tennessee	[4]	[4]	[4]	4,442	3,875	3,303	1,547	----------
Texas	[5] 2,287	2,562	4,858	7,374	6,782	6,189	3,748	2,973
Other States	14,627	27,059	43,055	37,971	38,393	31,528	18,115	----------
Shipments	[6]	96,312	157,295	169,868	159,059	127,151	80,843	64,086
Imports	307	525	3,067	1,745	985	470	468	477
Stocks at mills (Dec. 31)	[6]	8,833	18,336	23,701	25,899	24,342	20,240	19,541

[1] Includes Georgia and Tennessee.
[2] [illegible]
[3] [illegible]
[4] Included in other States.
[5] Includes Oklahoma.
[6] Not available.

No. 726.—PORTLAND CEMENT: SHIPMENTS BY DESTINATIONS

[In thousands of barrels of 376 pounds]

State	1930	1931	1932	1933 [1]	State	1930	1931	1932	1933 [1]
Shipped from cement plants	159,059	127,151	80,843	64,086	**Shipments to States—Con.**				
Shipments to States	158,030	126,405	80,184	63,109	**South Atlantic—Continued.**				
New England	7,528	6,367	4,176	3,202	West Virginia	1,599	1,421	861	658
Maine	836	527	410	310	North Carolina	1,165	1,015	434	485
New Hampshire	560	437	267	264	South Carolina	1,655	2,251	368	215
Vermont	532	312	260	140	Georgia	1,562	1,714	1,129	728
Massachusetts	3,091	3,044	2,126	1,472	Florida	1,057	765	428	597
Rhode Island	705	570	305	281	**East South Central**	5,999	4,800	3,341	3,839
Connecticut	1,754	1,477	808	735	Kentucky	1,695	1,628	1,306	1,271
Middle Atlantic	40,479	32,745	18,624	13,330	Tennessee	2,411	1,396	1,176	956
New York	20,147	19,756	11,057	7,143	Alabama	1,274	1,251	392	926
New Jersey	6,536	5,066	2,855	2,013	Mississippi	620	525	467	686
Pennsylvania	13,796	7,923	4,712	4,174	**West South Central**	14,166	13,028	6,758	6,043
East North Central	39,391	28,010	20,081	14,398	Arkansas	1,459	1,223	270	657
Ohio	9,699	6,645	4,813	2,705	Louisiana	2,892	3,906	1,288	757
Indiana	4,928	3,880	3,015	2,019	Oklahoma	3,397	2,214	1,238	1,417
Illinois	11,164	7,925	5,826	5,277	Texas	6,418	5,685	3,962	3,212
Michigan	8,626	5,582	3,476	2,559	**Mountain**	2,979	2,511	1,974	2,787
Wisconsin	4,975	3,978	2,951	1,838	Montana	319	263	150	162
West North Central	21,178	16,705	11,521	7,873	Idaho	312	189	103	119
Minnesota	3,669	3,716	3,148	1,469	Wyoming	179	136	82	82
Iowa	6,412	3,800	2,592	1,504	Colorado	844	776	492	431
Missouri	6,145	4,259	3,455	2,540	New Mexico	298	265	174	193
North Dakota	338	258	176	133	Arizona	463	438	161	125
South Dakota	541	637	394	243	Utah	417	311	164	241
Nebraska	1,676	1,903	771	1,026	Nevada	147	133	648	1,434
Kansas	2,398	2,132	1,045	949	**Pacific**	13,599	9,630	6,496	5,933
South Atlantic	12,693	12,373	7,051	5,606	Washington	3,102	2,087	1,289	687
Delaware	374	347	298	251	Oregon	1,070	927	523	329
Maryland	2,555	2,014	1,557	819	California	9,427	6,616	4,684	4,917
District of Columbia	1,079	1,250	1,070	938	Unspecified	16	235	159	97
Virginia	1,648	1,596	906	915	Exports direct by manufacturers [2]	1,030	746	660	977

[1] Preliminary.
[2] Includes shipments to Alaska, Hawaii, and Puerto Rico.

Source of Tables 725 and 726: Bureau of Mines, Department of the Interior.

No. 727.—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, 285, 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	1919	81,307	80,778	529	138,714
1895	8,731	990	7,741	5,482	1920	100,791	100,023	767	203,198
1900	17,231	8,482	8,749	13,284	1921	99,381	98,842	539	187,708
1905	40,102	35,247	4,855	35,932	1922	115,679	114,790	889	203,324
1908	52,911	51,073	1,838	44,478	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	161,650	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 [2]		63,373		

[1] Value of shipments. [2] Preliminary; leaders indicate data not yet available.

Source: Bureau of Mines, Department of the Interior.

No. 728.—STONE: PRODUCTION (SALES), BY VARIETIES AND USES

Variety and use	Quantity sold, thousands of short tons (2,000 pounds)[1]							Value, 1,000 dollars	
	1926	1927	1928	1929	1930	1931	1932	1931	1932
Total	124,496	136,345	133,870	141,110	126,996	97,933	70,644	135,086	89,064
Granite	9,330	10,707	9,556	10,827	10,047	8,068	5,119	25,974	15,978
Basalt and related rocks	12,978	13,211	15,328	14,872	14,532	12,553	9,329	13,823	8,880
Sandstone	4,979	5,051	4,717	5,790	4,594	4,582	2,973	7,576	4,082
Marble	563	600	579	554	477	350	343	10,420	7,532
Limestone	91,888	99,662	96,865	100,687	88,741	66,751	46,914	71,876	48,016
All other	4,759	7,115	6,825	8,380	8,604	5,629	5,968	5,418	4,576
Building stone	2,609	2,485	2,453	2,647	2,322	1,669	1,296	28,111	20,185
Monumental	360	358	348	366	291	237	168	9,634	6,245
Paving blocks	66	367	349	300	295	197	72	1,938	620
Curbing	346	378	383	336	262	171	80	2,242	926
Flagging	66	55	75	88	82	50	26	447	207
Rubble	540	809	908	908	1,067	432	179	592	196
Riprap	4,060	4,618	3,993	4,213	4,292	4,223	3,462	4,277	2,874
Crushed stone	82,516	94,949	91,265	92,721	87,111	72,624	51,995	70,405	46,802
Furnace flux (limestone and marble)	23,859	21,666	23,124	24,394	17,091	9,727	3,991	7,194	2,929
Refractory stone	1,531	1,363	1,348	1,558	1,198	611	197	633	229
Manufacturing industries (limestone and marble)	4,954	5,352	5,640	7,431	6,021	4,501	4,369	3,842	3,927
Agricultural limestone and other	3,289	3,944	3,983	6,147	6,967	3,490	4,808	5,771	3,835

[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 1932: Building stone, 16,624,000 cubic feet; monumental stone, 2,038,000 cubic feet; paving blocks, 7,683,000; curbing, 991,000 cubic feet; and flagging, 320,000 cubic feet.

Source: Bureau of Mines, Department of the Interior.

No. 729.—CLAY AND GLASS PRODUCTS: PRODUCTION

Industry and product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
CLAY PRODUCTS (EXCEPT POTTERY) AND NONCLAY REFRACTORIES							
Total value					319,710	294,488	127,468
Brick:							
Common	Number	7,060,984	5,505,359	2,314,664	78,408	58,733	21,652
Vitrified	do	503,400	367,650	207,386	10,764	7,504	4,266
Face	do	2,412,903	2,139,408	903,226	41,521	36,120	13,271
Enameled	do	18,097	17,137	8,605	1,375	1,259	484
Drain tile	Ton[1]	734	859	253	5,511	6,516	1,667
Sewer pipe	do	2,116	1,675	823	29,426	21,330	9,448
[illegible]ta	do	156	134	55	16,628	13,921	5,492
[illegible] block	do	4,114	4,164	1,928	26,499	30,142	11,172
Roofing	Squares	368	371	285	5,349	3,944	3,125
Floor (including plain, vitreous, encaustic, quarry, etc.)	Sq. ft	20,434	15,887	12,181	4,586	3,773	2,052
Ceramic mosaic (vitreous and semivitreous)	do	20,506	18,052	8,744	4,552	3,738	1,781
Faience (including art, enameled, and hand-decorated)	do	10,157	19,357	21,431	5,776	10,136	7,749
Wall (thin, white glazed, etc.)	do	39,537	30,443	17,716	12,503	11,254	4,993
Stove lining	Ton[1]	14	17	9	503	468	317
Fire-clay products (shaped):							
Brick, block, etc.[2]	Number	877,748	962,129	423,061	35,474	38,284	16,419
Special shapes	Ton[1]	133	182	127	2,699	4,092	3,068
All other clay products					14,587	14,068	6,344
Silica brick	Number	245,881	294,402	103,557	12,757	15,165	5,132
Other nonclay refractories					10,791	14,041	9,036
POTTERY							
Total value					111,614	112,019	66,583
Red earthenware (flower pots, etc.)					2,850	2,798	2,034
Stoneware (except chemical) and yellow and Rockingham ware					4,503	4,144	3,300
White ware, cream color, white granite, semiporcelain, and semivitreous porcelain					31,692	32,067	20,108
Hotel china					10,020	10,476	6,595
Vitreous china plumbing fixtures					23,628	24,992	12,894
Porcelain electrical supplies					22,861	22,136	13,154
Saggers					1,916	1,308	645
All other products					14,144	14,098	7,853
GLASS							
Total value					276,762	299,717	211,955
Building glass:							
Window glass	Sq. ft	481,021	402,559	266,772	26,814	25,962	10,307
Obscured glass, including cathedral and skylight	do	41,545	34,294	17,796	5,093	5,256	2,389
Plate glass, polished	do	118,124	148,743	87,017	44,258	50,192	25,765
Wire glass:							
Polished	do	3,320	3,893	1,448	1,631	1,714	551
Rough, for sale as such	do	25,795	38,924	14,216	2,746	4,278	1,250
Pressed and blown glass (except containers)					76,657	85,552	56,513
Containers					114,381	121,654	105,328
All other products					5,182	5,110	9,852

[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.

Source: Bureau of the Census, Department of Commerce.

No. 730.—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
1916	7,394	942	1,003	49,357	12,237	11,465	6,466	9,943	6,475	13,577	24,437
1917	5,865	707	758	47,936	10,665	10,391	6,174	13,255	6,821	17,307	42,502
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	562	873	57,096	12,870	18,128	9,068	14,841	12,560	22,155	24,833
1922	5,809	517	1,417	72,613	10,816	28,234	12,410	19,708	16,597	23,600	31,357
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	24,908	24,842	32,400	40,621
1925	7,562	539	2,475	88,551	11,876	45,428	19,139	20,264	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	37,302
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	22,219	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	4,209	8,108	3,745	9,924

[1] Vitrified brick or block.

Sources: Bureau of the Census and Bureau of Mines, Departments of Commerce and the Interior.

No. 731.—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	1923	7,130,713	125,520	88,750
1885	985,411	2,108	440,290	1924	6,803,115	144,945	88,938
1890	1,242,779	2,464	257,323	1925	7,397,500	155,079	85,788
1895	1,913,751	3,602	279,576	1926	7,371,600	158,908	55,964
1900	2,921,708	7,511	199,909	1927	7,568,690	153,832	44,968
1905	3,635,257	34,238	161,159	1928	8,074,700	145,396	42,856
1910	4,242,792	49,013	137,103	1929	8,543,560	109,222	36,450
1915	5,352,409	80,474	122,326	1930	8,054,440	70,478	54,021
1920	6,840,029	139,272	137,654	1931	7,358,070	98,710	33,216
1921	4,981,154	109,563	93,095	1932	6,407,973	63,581	28,018
1922	6,792,849	134,989	113,922	1933	7,604,972	105,178	30,132

State or kind	1910	1915	1920	1925	1930	1932	1933
Production, total	4,242,792	5,352,409	6,840,029	7,397,500	8,054,440	6,407,973	7,604,972
By States:							
Michigan	1,323,283	1,782,430	2,262,915	2,172,600	2,558,290	1,715,304	2,090,254
New York	[1] 1,629,953	1,570,446	1,903,101	2,053,970	2,009,280	1,556,642	1,847,696
Ohio	514,339	823,234	1,057,802	1,173,590	1,311,440	1,196,993	1,382,294
Kansas	393,603	527,123	783,655	812,540	759,800	648,800	732,947
Louisiana	(1)	(2)	265,085	500,350	535,250	488,805	532,569
California	131,252	146,784	212,008	292,480	350,370	281,349	331,009
Texas	53,503	62,207	91,103	(2)	(2)	139,730	165,603
Utah	34,979	55,279	75,259	88,150	85,240	61,230	56,305
West Virginia	21,788	32,513	29,802	25,870	28,670	49,629	63,813
Undistributed	140,093	372,303	159,299	277,950	416,100	269,491	402,477
By kinds:							
Manufactured (evaporated)	1,953,069	2,335,823	2,409,924	2,225,170	2,358,610	2,053,421	2,358,954
In brine	1,314,492	1,851,199	2,819,916	2,819,690	3,718,460	2,769,821	3,461,026
Rock salt	975,231	1,165,387	1,610,189	2,342,640	1,977,370	1,584,731	1,784,992
Total value (dollars)	7,990,344	11,747,686	29,894,075	26,162,361	25,009,480	19,938,830	22,318,086

[1] Louisiana is included with New York.

[2] Included in "Undistributed."

Source: Bureau of Mines, Department of the Interior.

No. 732.—ACCIDENT RATES IN ALL BRANCHES OF THE MINERAL INDUSTRY, 1921 TO 1932

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	62,752	3.7	178.1
1927	225	1,044,537	782,635	234,790,290	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	186.3

[1] Excluding coal mines prior to 1930. Data excluding coal mines are: Number injured, 1930, 26,759; 1931, 16,063; 1932, 9,745; number injured per thousand 300-day workers, 1930, 117.0; 1931, 99.7; 1932, 91.6.

Source: Bureau of Mines, Department of the Interior.

No. 733.—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
1923	123,279	121,866	367	33,129	434
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	53,238	36,984	107	4,837	177
Quarries:					
1915	100,740	82,447	148	9,148	523
1920	86,488	77,089	178	10,880	337
1923	92,455	85,153	143	14,547	443
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	89,667	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
Metallurgical plants:					
1916	80,201	88,596	83	14,863	217
1920	59,232	65,587	61	8,714	149
1923	53,871	59,499	58	8,260	164
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	207
1930	40,787	44,403	25	2,570	156
1931	28,938	28,806	16	1,304	89
1932	21,564	18,474	8	778	59
Coke ovens:					
1916	31,603	34,119	45	5,154	83
1920	28,139	29,921	49	3,336	79
1923	23,729	25,627	45	2,517	76
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	26	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	18,103	9	499	35
1932	12,002	13,862	14	298	22
Coal mines:					
1911	728,348	534,122	2,656	(1)	(1)
1915	734,008	511,598	2,269	(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	2,718
1931	589,705	330,880	1,463	78,478	1,871
1932	527,623	262,484	1,207	57,444	1,528
1933	(1)	(1)	1,013	(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 1899 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 735 only), relate only [illegible],000 or more. However, in 1921, establishments having prod[illegible] while constituting 21.6 per cent of the total number of estab[illegible]ent 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 statistics for automobile repairing, collected for 1914 and 1919, have been excluded from Tables 734 to 738. Data for "Coffee and spices, roasting and grinding," have been included, except for 1925, for which year such data were not tabulated for the United States as a whole; and 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 734, data for central-administrative-office employees have been excluded for 1923 and later years. The figures for 1914, 1919, and 1921, however, include such data.

Figures for wages, cost of materials, etc., and value of products are greatly affected by changes in the buying power of money or, in other words, by the general levels of prices and wages. 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.

No. 734.—MANUFACTURES: SUMMARY, 1849 TO 1931

	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
1859	140	[1]	1,311	[2]	[1]	379	1,032	1,886	854
1869	252	[1]	2,054	[3] 2,846	[1]	620	1,991	3,386	1,395
1879	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	177	[5] 963	6,896	[5] 22,291	[5] 1,274	[5] 4,068	14,278	23,988	9,710
1919	214	[5] 1,438	9,000	[5] 29,328	[5] 2,881	[5] 10,462	37,233	62,042	24,809
1921	196	1,146	6,947	[2]	2,563	8,202	25,321	43,653	18,332
1923	195	1,269	8,778	33,094	2,806	11,009	34,706	60,556	25,850
1925	187	1,256	8,384	35,773	2,922	10,730	35,936	62,714	26,778
1927	192	1,301	8,350	38,826	3,230	10,849	35,133	62,718	27,585
1929	211	1,359	8,839	42,931	3,595	11,621	38,550	70,435	31,885
1931	175	[2]	6,528	[2]	[2]	7,186	21,484	41,350	19,867

[1] No comparable data.
[2] Not called for on schedule.
[3] Figures include 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. 735.—MANUFACTURES: ESTABLISHMENTS, CLASSIFIED BY VALUE OF PRODUCTS [1]

NOTE.—See general note, p. 697. Data by size of establishments were not compiled for 1927 and 1931

Class of establishments according to value of products	Establishments		Wage earners		Value of products	
	Number	Per cent distribution	Average number	Per cent distribution	Amount	Per cent distribution
Less than $5,000:						
1929	(2)		(2)		(2)	
1925	(2)		(2)		(2)	
1923	(2)		(2)		(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	70,434,863,443	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	48,653,282,833	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	893,459,166	3.7
$20,000 to $100,000:						
1929	75,225	35.7	603,155	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	2,540,949,405	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	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	40,182,156,874	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	2,476,006	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 wage earners and value of products, however, have not been similarly adjusted, the percentages having been affected very slightly by the omission of small establishments in 1929.

[2] No data for establishments with products under $5,000 in value have been tabulated for 1923, 1925, and 1929.

[3] The data for the 53,999 establishments in the "Less than $5,000" class are not included in other tables [illegible] class.

[5] [illegible]

Source: Bureau of the Census, Department of Commerce.

No. 736.—MANUFACTURES: Prime Movers, Motors, and Generators, Number and Rated Capacity

Note.—See general note, p. 697. No data for prime movers were collected for 1931

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	38,825,681	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	15,868,828	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	1,803,310	1,445,003	13,365,663	616,422	8,821,551	(1)	(1)
1929														
New England	16,953	4,686,822	5,828	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	58,312	11,623,682	17,003	4,904,163	2,372	340,381	1,434	243,133	808,620	6,130,955	256,518	3,618,960	4,718	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	387,545
South Atlantic	10,011	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	26,844	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	213,359	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	906,862	2,038	634,028
Paper and allied products	2,940	3,166,804	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	2,312,205	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	338	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	932,760	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	465	111,391

[1] Not called for on schedule.

Source: Bureau of the Census, Department of Commerce.

No. 737.—SUMMARY BY 16 GENERAL GROUPS OF INDUSTRIES

NOTE.—Figures for 1919 include establishments with products under $5,000 in value, see general note, p. 697

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	1931	175,325	6,523,026	7,185,071	21,483,678	41,350,465	19,866,787	(1)
	1929	210,959	8,838,743	11,620,973	38,549,580	70,434,803	31,885,284	42,931,061
	1927	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
	1923	196,309	8,778,156	11,009,298	34,705,698	60,555,998	25,850,300	33,094,228
	1921	196,267	6,946,570	8,202,324	25,321,055	43,653,283	18,332,227	(1)
	1919	274,598	9,041,311	10,461,787	37,288,731	62,193,427	24,904,695	29,327,669
1. Food and kindred products.	1931	48,796	650,591	736,958	5,526,680	8,247,734	2,721,055	(1)
	1929	56,320	753,247	902,143	8,632,283	12,023,589	3,391,306	4,607,913
	1927	49,787	679,520	823,388	8,113,433	11,015,860	2,902,427	4,134,973
	1925	48,113	664,760	793,681	7,748,678	10,418,536	2,669,858	3,881,952
	1923	51,847	682,137	795,571	6,990,846	9,524,051	2,533,204	3,723,025
	1921	52,113	626,618	746,266	6,122,933	8,267,130	2,144,197	(1)
	1919	69,423	733,664	774,724	10,252,631	12,748,348	2,495,718	3,203,106
2. Textiles and their products.	1931	23,750	1,420,808	1,238,179	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)
	1919	28,451	1,610,003	1,481,143	5,379,388	9,210,933	3,831,545	3,248,364
3. Forest products	1931	16,171	516,793	448,702	783,711	1,687,746	904,035	(1)
	1929	20,912	876,383	939,383	1,586,183	3,591,765	2,005,582	3,674,204
	1927	20,169	864,508	931,921	1,636,647	3,462,925	1,826,278	3,332,457
	1925	21,926	921,266	978,472	1,725,351	3,689,127	1,963,776	3,472,970
	1923	21,678	931,816	962,595	1,666,395	3,633,386	1,966,991	3,336,236
	1921	21,398	703,360	670,462	1,197,628	2,456,857	1,259,229	(1)
	1919	41,201	864,001	859,872	1,368,341	3,113,460	1,745,119	3,409,746
4. Paper and allied products.	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	2,813,694
	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)
	1919	2,677	208,115	212,724	720,908	1,250,445	529,537	1,967,446
5. Printing, publishing, and allied industries.	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	586,183	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)
	1919	33,747	301,934	351,998	587,294	1,764,387	1,177,093	379,236
6. Chemicals and allied products.[2]	1931	7,485	231,463	264,721	1,268,973	2,673,325	1,404,352	(1)
	1929	8,278	280,868	354,393	1,970,713	3,759,405	1,788,691	2,312,295
	1927	7,541	253,436	317,908	1,803,085	3,351,892	1,548,808	1,848,309
	1925	7,282	244,812	296,526	1,830,592	3,211,230	1,380,639	1,748,481
	1923	7,197	246,527	288,834	1,702,944	2,933,562	1,230,617	1,654,228
	1921	7,348	199,596	224,333	1,352,904	2,225,917	873,013	(1)
	1919	10,732	329,053	364,884	2,269,338	3,803,753	1,534,414	1,720,521
7. Products of petroleum and coal.	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	1,650	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)
	1919	1,684	131,759	185,599	1,635,920	2,289,170	653,250	709,597

[1] Not called for on schedule.
[2] The comparability of the figures for 1919 with those for later years is affected by the decrease in the legal manufacture of alcoholic beverages resulting from the enactment of the national prohibition act.

No. 737.—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				
8. Rubber products	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)
	1919	477	158,549	193,763	594,344	1,138,216	543,872	420,273
9. Leather and its manufactures.	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	354,537	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)
	1919	6,423	350,079	364,036	1,714,904	2,613,217	898,313	383,300
10. Stone, clay, and glass products.	1931	6,408	222,856	248,860	316,468	925,318	608,850	(1)
	1929	8,515	328,417	432,817	526,340	1,561,415	1,035,075	2,854,402
	1927	8,673	350,017	464,273	594,774	1,612,549	1,017,774	2,709,131
	1925	8,478	353,036	467,012	603,427	1,640,652	1,037,225	2,348,157
	1923	8,317	351,692	453,567	573,472	1,563,121	989,648	1,936,054
	1921	8,347	252,990	307,065	428,259	1,033,091	604,832	(2)
	1919	12,599	302,810	332,726	422,611	1,111,746	689,135	1,584,917
11. Iron and steel and their products, not including machinery.	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	[3]7,259,009
	1921	6,251	571,426	730,875	2,140,171	3,455,541	1,315,370	(1)
	1919	7,617	857,764	1,243,726	3,423,280	5,887,844	2,464,564	6,429,697
12. Nonferrous metals and their products.	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	383,185	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	7,853	212,680	256,893	886,265	1,408,059	521,795	(1)
	1919	10,441	304,768	359,171	1,737,234	2,519,032	781,798	953,109
13. [illegible]	1931	11,184	686,706	786,936	1,195,166	3,364,864	2,169,698	(1)
	1929	12,955	1,091,269	1,634,166	2,694,380	7,043,380	4,349,001	3,647,343
	1927	11,982	883,508	1,284,133	2,053,942	5,348,724	3,294,782	2,995,296
	1925	11,807	858,843	1,225,359	1,985,367	5,020,281	3,034,914	2,714,377
	1923	12,147	907,707	1,253,743	1,891,524	4,727,818	2,836,294	2,300,443
	1921	12,395	662,277	832,783	1,361,163	3,235,075	1,873,912	(1)
	1919	14,821	998,484	1,240,487	1,973,458	4,768,673	2,795,216	2,060,325
14. Transportation equipment, air, land, and water.	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
	[4]1927	2,537	494,905	803,298	2,907,949	4,693,972	1,786,022	2,027,686
	1925	2,778	559,578	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	1,303,011	3,018,154	1,215,143	(1)
	1919	6,768	858,582	1,259,014	3,200,602	5,627,263	2,426,661	1,453,804
15. Railroad repair shops.	1931	2,167	309,034	435,248	298,824	740,763	441,939	(1)
	1929	2,297	398,156	637,311	548,344	1,269,917	721,573	1,153,147
	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	[3]798,005
	1921	2,326	418,285	671,956	506,571	1,267,343	760,771	(1)
	1919	2,368	515,709	726,690	547,829	1,354,446	806,617	644,875
16. Miscellaneous industries.	1931	11,758	300,696	303,015	[5]858,553	2,312,635	[6]1,454,081	(1)
	1929	14,612	417,410	500,534	[5]1,359,280	3,426,095	[6]2,066,815	664,289
	1927	14,313	440,366	529,587	[5]1,377,985	3,316,780	[6]1,938,795	837,428
	1925	14,207	439,400	508,677	[5]1,351,478	3,125,011	[6]1,773,533	732,401
	1923	15,427	475,281	528,205	[5]1,429,234	3,002,855	[6]1,573,621	701,177
	1921	15,748	417,929	441,860	[5]1,315,180	2,556,937	[6]1,241,757	(1)
	1919	25,169	516,037	511,230	[5]1,460,650	2,992,492	[6]1,531,842	750,263

[1] Not called for on schedule.
[2] Revised; revision not carried into total for all groups.
[4] 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.
[5] Excludes internal revenue tax paid by tobacco manufacturers. This amounted to $422,027,000 in 1931.
[6] Includes internal revenue tax paid by tobacco manufacturers.

Source: Bureau of the Census, Department of Commerce.

No. 738.—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. For totals for all industries and for 16 great groups see Table 737. 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.	1931	11,922	171,093	208,922	2,671,813	3,353,725	681,912	----------
	1929	12,761	201,745	262,186	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	965,363
	1925	11,863	189,933	245,304	3,752,515	4,498,931	746,416	875,878
	1923	12,576	205,058	255,860	3,260,761	3,977,645	716,884	785,494
Butter	1931	3,367	15,667	18,623	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	25,533	637,337	739,011	101,674	145,973
	1925	3,493	17,758	22,263	603,397	683,593	80,196	126,872
	1923	3,653	20,312	24,950	549,558	640,474	90,916	126,351
Cheese	1931	2,371	2,964	3,564	54,081	68,072	13,991	----------
	1929	2,758	3,401	4,588	92,727	110,645	17,918	24,739
	1927	2,738	3,520	4,897	100,788	118,448	17,660	20,976
Condensed and evaporated milk.	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	7,390	9,191	159,680	200,086	40,406	63,969
	1925	402	7,118	8,391	140,041	171,247	31,206	53,937
	1923	378	8,293	10,126	153,996	187,111	33,115	48,300
Ice cream	1931	2,948	17,819	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	150,602	301,645	151,043	206,315
	1925	2,790	23,043	33,457	140,864	286,176	145,312	189,328
	1923	2,762	23,132	32,435	145,307	259,967	114,660	169,730
Meat packing, wholesale.	1931	1,209	106,707	134,530	1,839,260	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	393,476	489,576
	1925	1,269	120,422	159,355	2,625,192	3,050,286	425,094	441,516
	1923	1,397	132,792	167,569	2,176,010	2,585,804	409,794	382,127
Poultry killing, dressing, and packing, wholesale.[1]	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.	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
	1927	505	4,967	7,464	60,216	81,548	21,333	19,980
Canned and preserved fish, crabs, shrimps, oysters, and clams.	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
	1927	337	12,650	8,106	42,892	65,082	22,191	18,574
Vegetable products and beverages, total.	1931	36,874	479,498	528,036	2,854,867	4,894,009	2,039,143	----------
	1929	43,559	551,502	639,957	4,368,326	6,875,093	2,506,767	3,516,685
	1927	38,013	489,875	573,506	4,298,179	6,452,824	2,154,645	3,169,610
	1925	36,250	474,827	548,377	3,996,163	5,919,606	1,923,443	3,006,074
	1923	39,271	477,079	539,711	3,730,085	5,546,406	1,816,321	2,937,531
[illegible]	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
butters, pickles, and sauces.	1925	2,403	85,866	67,427	385,573	616,071	230,497	187,490
	1923	2,438	72,534	57,153	298,969	515,316	216,347	175,714
Chocolate and cocoa products, not including confectionery.	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
	1927	69	6,427	7,339	90,423	122,723	32,300	62,742
Coffee and spices, roasting and grinding.[2]	1931	917	8,719	9,741	195,532	271,495	75,963	----------
	1929	928	9,053	10,606	332,150	424,345	92,195	45,465
	1927	784	8,195	9,537	284,653	384,281	99,629	42,542
	1923	729	9,605	10,016	224,843	297,528	72,684	37,368

[1] Because of a change in [illegible] comparable figures can be shown for earlier years.
[2] No data were compiled. [illegible] San Francisco, Calif.

No. 738.—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 AND KINDRED PRODUCTS—Contd.								
Confectionery	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
	1923	2,014	63,485	54,382	202,719	366,256	163,537	91,455
Chewing gum	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
	1927	40	2,524	2,727	27,168	62,001	34,834	10,097
Flavoring extracts and flavoring sirups.	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
	1927	500	5,011	7,134	51,091	107,219	56,129	27,963
Flour and other grain-mill products.	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
	1923	5,232	35,194	41,704	885,972	1,048,578	162,606	709,856
Bread and other bakery products.	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	693,236	1,394,700	701,464	284,244
	1925	17,684	160,411	219,606	668,017	1,268,195	600,178	227,286
	1923	18,739	162,613	214,579	574,521	1,122,906	548,386	193,186
Feeds, prepared, for animals and fowls.[1]	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	115,855
Macaroni, spaghetti, vermicelli, and noodles.	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
	1927	353	4,587	5,071	27,434	45,353	17,919	21,406
Oleomargarine and other margarines, not made in meat-packing establishments.	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
	1927	36	1,502	2,258	27,145	39,282	12,137	8,746
Food preparations, not elsewhere classified.	1931	782	8,939	9,120	90,171	147,546	57,375	
	1929	862	10,616	11,658	96,388	171,861	75,473	36,716
	1927	674	10,294	11,387	98,249	166,965	68,716	34,773
Corn sirup, corn sugar, corn oil, and starch.	1931	43	6,652	7,963	54,034	98,723	44,690	
	1929	35	6,730	9,873	104,285	165,984	61,699	84,686
	1927	26	6,972	10,490	90,906	134,461	43,555	81,003
Peanuts, walnuts, and other nuts, processed.	1931	153	7,606	2,998	29,413	40,568	11,155	
	1929	169	7,933	3,080	39,529	49,609	10,079	16,193
	1927	144	7,376	3,287	45,890	55,950	10,059	13,956
Rice cleaning and polishing.	1931	55	1,503	1,276	31,813	40,360	8,547	
	1929	60	1,589	1,449	38,444	48,794	10,350	22,901
	1927	60	1,524	1,546	46,481	54,130	7,649	23,012
[illegible]	1931	50	3,692	4,011	99,341	115,302	15,461	
	1929	40	[2] 2,996	[2] 3,381	139,031	154,553	15,522	36,647
ing oils, and salad oils.	1927	33	2,655	2,624	137,079	148,468	11,389	33,402
Sugar, beet	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
	1927	79	7,402	9,710	79,017	104,927	25,910	142,023
Sugar, cane, not including products of refineries.	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
	1927	53	971	639	5,880	8,009	2,179	45,705
Sugar refining, cane	1931	19	11,855	15,547	335,933	395,303	59,370	
	1929	21	13,912	17,850	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
	1923	20	15,254	20,044	681,880	726,242	44,361	72,682
Malt	1931	27	540	866	13,920	19,242	5,322	
	1929	28	590	1,057	18,924	23,603	4,679	18,098
	1927	23	500	904	17,187	20,274	3,087	15,390

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[2] Revised; revision not carried into total.

No. 738.—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 AND KINDRED PRODUCTS—Contd.								
Vinegar and cider	1931	137	848	885	4,249	7,506	3,257	
	1929	172	979	1,022	6,016	10,450	4,434	8,674
	1927	158	1,123	1,236	5,858	10,755	4,897	7,562
Cereal preparations	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
	1927	77	6,028	8,417	91,748	155,563	63,815	50,979
Beverages	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	4,769	26,972	36,101	95,430	242,694	147,264	153,731
	1925	4,210	27,384	36,053	98,466	237,761	139,295	168,865
	1923	4,514	29,274	37,689	99,572	228,730	129,158	221,292
Ice, manufactured	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
	1923	3,097	26,852	35,040	46,664	164,662	117,998	845,012
TEXTILES AND THEIR PRODUCTS								
Textile-mill products, total.[4]	1931	6,111	886,979	744,568	1,495,283	2,964,558	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
	1923	7,816	1,164,638	1,122,752	3,213,272	5,527,558	2,314,286	3,556,440
Cotton goods	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	[3] 2,328,830
	1925	1,366	445,184	353,883	1,077,153	1,714,368	637,215	2,236,363
	1923	1,375	471,503	396,603	1,147,372	1,901,126	753,753	2,153,299
Cotton small wares	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
	1927	220	14,958	15,333	32,222	64,820	32,598	29,205
Lace goods	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
	1927	43	6,482	7,585	11,392	27,298	15,906	11,309
Knit goods	1931	1,706	178,011	149,589	284,053	585,677	301,624	
	1929	1,888	208,483	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	463,926	809,960	356,034	176,630
	1923	2,323	194,244	168,272	484,020	848,177	364,157	183,675
Silk and rayon goods	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
	1923	1,598	125,234	126,849	479,038	761,322	282,284	206,020
Woolen goods	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
	1923	513	72,408	87,314	201,547	364,288	162,740	180,657
Worsted goods	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	108,835	400,784	596,266	195,483	377,215
	1923	338	122,144	135,671	421,184	698,271	277,086	357,808
Felt goods, wool, hair, or jute.	1931	53	4,430	5,072	12,918	28,192	15,274	
	1929	54	5,540	7,531	20,224	45,466	19,242	25,655
	1927	50	5,452	6,653	23,289	41,895	18,606	23,479
Hats, wool-felt	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
	[3] 1927	12	2,113	2,190	4,490	8,807	4,317	2,405
Hats, fur-felt	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] 1927	139	15,896	22,855	51,053	99,185	48,132	20,517

[3] Revised; revision not carried into total.
[4] Figures for 1929 and prior years include "Flax and hemp, dressed," treated as a quasi-agricultural industry at the census for 1931.

No. 738.—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.	1931	61	22,903	24,109	38,876	88,204	49,328	
	1929	67	32,623	40,014	86,651	176,915	90,264	65,205
	1927	65	32,829	42,041	85,602	166,888	81,287	65,828
Wool shoddy	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
	1927	55	1,679	1,916	7,981	12,597	4,616	15,353
Wool pulling	1931	14	640	915	5,359	7,378	2,019	
	1929	18	596	907	10,917	13,648	2,731	1,847
	1927	18	524	769	12,466	14,640	2,174	2,403
Wool scouring	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
	1927	25	1,386	1,982	3,010	6,662	3,652	7,935
Cordage and twine	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
	1927	116	15,084	13,674	56,105	89,172	33,067	74,924
Jute goods	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
	1927	23	5,358	4,987	11,802	23,186	11,384	36,210
Linen goods	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
	1927	18	2,530	2,545	5,409	10,377	4,968	11,473
Mats and matting, grass and coir	1931	6	311	258	297	875	578	
	1929	7	467	440	685	1,692	1,007	1,293
	1927	7	422	398	669	1,537	868	1,425
Haircloth	1931	13	400	417	1,395	2,425	1,030	
	1929	13	450	527	2,551	3,855	1,305	1,113
	1927	16	385	480	2,689	3,616	927	1,312
Dyeing and finishing textiles.	1931	666	67,603	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	91,697	210,681	406,047	195,366	287,212
	1925	697	70,749	83,983	[3]220,678	[3]408,515	187,837	252,701
	1923	713	68,414	72,525	[3]199,156	[3]366,623	[3]167,467	204,128
Cloth sponging and refinishing.	1931	45	576	1,107	81	2,447	2,366	
	1929	46	902	1,457	88	3,361	3,273	800
	1927	52	736	1,502	161	3,458	3,297	933
Wearing apparel made from purchased fabrics, total.	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
	1923	16,904	499,413	568,139	1,852,229	3,443,940	1,591,711	132,317
Clothing (except work clothing), men's youths', and boys', not elsewhere classified.	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
	[3]1923	4,024	158,173	207,252	483,927	1,016,722	532,795	40,250
Clothing, work (including sheep-lined and blanket-lined coats, but not including shirts), men's.	1931	468	33,088	20,452	51,929	88,569	36,639	
	1929	511	38,201	26,647	83,552	138,450	54,898	11,492
	1927	556	40,612	29,946	85,134	147,289	62,155	11,218
Clothing, men's, buttonholes.	1931	26	222	176	34	313	279	
	1929	32	292	314	61	574	513	104
	1927	40	412	429	98	918	820	132
Shirts	1931	781	57,755	33,152	81,379	166,840	85,461	
	1929	863	59,830	43,428	116,678	228,322	111,643	17,040
	1927	907	57,216	42,998	129,744	241,650	111,906	14,916
	1925	840	49,864	35,674	129,754	225,963	96,209	13,884
	1923	934	51,672	37,943	139,364	241,331	101,977	14,050
Furnishing goods, men's, not elsewhere classified.	1931	573	24,034	17,339	54,221	98,918	44,697	
	1929	598	26,588	23,009	83,632	150,964	67,332	7,036
	1927	534	25,183	22,070	82,839	145,474	62,635	7,190
Collars, mens'	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
	1927	24	3,270	2,967	5,867	13,264	7,398	3,131

[3]Revised; revision not carried into total.

No. 738.—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.	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
	1927	131	10,296	6,670	17,392	30,202	12,810	4,112
Suspenders, garters, and other elastic woven goods, made from purchased webbing.	1931	71	3,257	2,443	9,995	17,165	7,170	
	1929	91	4,341	3,971	17,906	30,473	12,567	1,180
	1927	91	4,061	3,529	16,260	26,985	10,726	983
Hats and caps, except, felt and straw, men's.	1931	379	3,459	3,662	8,173	16,867	8,694	
	1929	576	5,826	7,694	16,908	35,901	18,993	1,796
	1927	568	6,300	9,126	20,702	41,214	20,512	1,999
Clothing, women's, not elsewhere classified.	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	211,350	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
	1923	7,046	133,195	176,446	809,561	1,406,684	597,123	27,704
Corsets and allied garments.	1931	204	13,977	11,496	31,694	71,923	40,229	
	1929	213	13,664	12,446	36,035	76,802	40,767	6,048
	1927	222	13,778	12,402	35,394	77,218	41,824	7,819
Handkerchiefs	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
	1927	115	6,659	5,264	18,205	31,588	13,383	2,665
Millinery	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
	1927	1,148	33,311	46,788	103,490	209,495	106,005	7,920
Other articles made from purchased fabrics, total.	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
	1923	2,043	51,242	52,908	328,941	490,785	161,844	94,644
Awnings, tents, sails, and canvas covers.	1931	913	5,351	6,397	15,106	31,697	16,591	
	1929	1,602	7,162	8,559	25,328	49,238	23,909	4,995
	1927	963	6,543	8,229	24,410	47,929	23,520	4,850
Bags, other than paper, not made in textile mills.	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
	1927	181	11,164	9,548	136,748	162,950	26,201	15,754
Belting, other than leather and rubber, not made in textile mills.	1931	8	193	180	553	1,138	586	
	1929	9	255	299	1,328	2,789	1,461	1,648
	1927	11	343	411	1,490	3,212	1,722	1,457
Embroideries	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
	1927	1,069	8,964	10,962	7,960	32,419	24,459	2,930
Trimmings (not made in textile mills) and stamped art goods for embroidering.[1]	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.	1931	9	387	228	618	1,134	516	
	1929	14	582	498	1,471	2,895	1,424	1,375
	1927	16	660	574	1,878	3,379	1,501	1,421
Flags and banners	1931	48	782	639	1,329	2,754	1,425	
	1929	54	938	794	1,771	3,836	2,065	577
	1927	46	1,046	808	2,282	4,536	2,254	700
Regalia, robes, vestments, and badges.	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
	1927	76	1,675	1,760	3,019	7,691	4,672	1,015
Hat and cap materials, men's.	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
	1927	96	2,762	2,659	15,672	23,339	7,668	5,158
Nets (fish) and seines	1931	13	572	438	1,283	2,682	1,399	
	1929	19	903	769	3,789	6,164	2,375	1,155
	1927	21	869	776	3,348	5,401	2,053	1,162

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

No. 738.—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.	1931	914	14,195	12,047	52,022	86,821	34,799	
	1929	964	15,794	16,150	76,625	127,602	50,977	16,866
	1927	548	11,691	10,947	52,705	87,677	34,972	12,997
Carpets and rugs, rag	1931	51	1,003	918	1,026	3,332	2,306	
	1929	94	1,529	1,562	1,659	5,511	3,852	2,416
	1927	110	1,633	1,678	1,636	5,890	4,254	2,005
Linoleum	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
	1927	7	5,364	8,177	24,216	47,442	23,227	41,432
Oilcloth	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
	1927	8	1,072	1,746	11,819	17,642	5,824	3,565
Artificial leather	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
	1927	19	2,730	4,007	21,828	34,228	12,400	14,467
Asphalted-felt-base floor covering.	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
	1927	12	2,442	3,695	16,186	34,101	17,914	8,904
Upholstering materials, not elsewhere classified.	1931	46	899	810	2,860	5,329	2,469	
	1929	53	1,410	1,317	7,046	11,234	4,188	3,915
	1927	39	1,080	1,162	6,556	9,673	3,117	4,482
Waste	1931	132	3,153	2,049	10,223	16,344	6,120	
	1929	136	3,905	3,316	25,033	36,014	10,981	18,592
	1927	118	3,494	2,853	23,049	33,377	10,328	14,529
FOREST PRODUCTS								
Basic industries, total.	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	1,997,963
	1927	8,723	453,131	431,496	508,680	1,259,370	750,690	1,795,875
	1925	10,286	504,711	473,085	593,935	1,468,427	874,492	2,064,631
	1923	10,671	531,545	492,617	584,802	1,534,991	950,188	1,944,962
Excelsior	1931	61	927	683	1,412	2,983	1,571	
	1929	66	1,241	1,219	2,440	5,009	2,569	10,667
	1927	64	1,272	1,181	2,547	4,821	2,274	10,930
Lumber and timber products, not elsewhere classified.	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	[3] 467,000	456,716	579,475	1,421,162	841,687	2,049,500
	1923	9,393	495,932	475,962	573,064	1,494,462	921,398	1,932,091
Turpentine and rosin	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
	1927	1,149	37,913	16,953	12,173	39,903	27,730	3,211
Wood-reworking industries, total.	1931	4,430	75,574	78,144	157,063	310,678	153,615	
	1929	6,081	114,640	142,566	337,264	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
	1923	5,159	125,966	156,707	441,284	783,751	342,468	575,740
Planing-mill products (including general millwork), not made in planing mills connected with sawmills.	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	146,592	403,227	710,861	307,635	597,103
	1923	4,215	103,008	133,329	401,174	692,784	291,610	493,424
Window and door screens and weather strip.	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
	1927	214	3,661	4,806	9,304	22,643	13,339	11,520
Wood turned and shaped and other wooden goods, n. e. c.[5]	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
	1927	748	15,937	16,333	26,064	60,530	34,466	77,425
Lasts and related products.	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
	1927	59	1,718	2,504	2,505	7,529	5,024	7,655

[3] Revised; revision not carried into total.
[5] Owing to a change in classification data for 1931 are not strictly comparable with data for prior years.

No. 738.—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								
Wooden-container industries, total.	1931	1,490	43,277	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
	1923	1,872	62,121	58,271	154,804	265,501	110,696	200,457
Boxes, wooden, except cigar boxes.	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
	1927	748	30,797	29,250	75,797	133,993	58,195	135,637
Boxes cigar, wooden	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
	1927	136	4,577	3,925	5,621	12,909	7,288	5,478
Cooperage	1931	500	8,208	7,663	24,333	39,143	14,810	
	1929	586	10,691	11,706	41,516	64,842	23,326	33,885
	1927	528	11,455	12,937	43,821	66,947	23,126	33,553
Baskets and rattan and willow ware, not including furniture.	1931	223	8,428	5,257	6,314	16,347	10,033	
	1929	273	9,353	6,671	8,820	22,851	14,031	20,180
	1927	236	9,295	6,608	9,231	21,729	12,498	17,821
Furniture and related industries, total.[5]	1931	3,495	138,438	138,603	243,152	538,021	294,870	
	1929	4,184	209,019	263,629	462,676	1,036,659	573,983	547,199
	1927	3,593	203,338	258,300	426,644	969,968	543,324	488,660
	1925	3,601	195,643	244,886	418,235	951,170	532,935	434,238
	1923	3,434	182,014	222,461	372,545	851,801	479,256	509,980
Furniture, including store and office fixtures.[5]	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
	1923	3,047	168,157	204,566	342,443	776,847	434,404	[3]344,954
Refrigerators and refrigerator cabinets, excl. of metal [illegible]	1931	155	7,128	8,525	20,080	40,825	20,744	
	1929	188	9,784	13,152	26,451	60,483	34,032	28,493
	1927	165	9,551	12,617	26,095	58,163	33,068	24,216
Billiard and pool tables, bowling alleys, and accessories.	1931	32	592	613	1,396	3,761	2,366	
	1929	40	1,390	1,863	3,238	8,821	5,583	6,402
	1927	34	1,184	1,550	2,394	7,112	4,718	2,335
Mirror and picture frames.	1931	160	3,113	3,492	3,780	11,146	7,367	
	1929	178	4,446	5,752	6,533	19,238	12,705	8,334
	1927	166	4,460	5,893	7,056	19,489	12,432	6,228
Other allied products, total.	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	128,159
	1925	550	30,836	35,675	129,949	221,629	91,680	101,421
	1923	542	30,170	32,539	112,960	197,342	84,382	105,097
Caskets, coffins, burial cases, and other morticians' goods.	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
	1927	340	11,665	14,421	33,327	74,891	41,563	31,105
Cork products	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
	1927	27	3,185	3,560	9,395	17,369	7,974	11,683
Matches	1931	19	3,369	3,493	10,875	18,473	7,597	
	1929	21	3,760	4,118	12,526	20,351	7,825	17,997
	1927	19	3,905	4,131	11,884	24,906	13,022	17,607
Pulp goods and molded composition products.[1]	1931	86	5,654	6,105	10,805	27,239	16,435	
Wood preserving	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
	1927	193	12,259	13,726	141,555	184,558	43,003	50,606

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[3] Revised; revision not carried into total.
[5] 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."

No. 738.—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. [7]	1931	854	107,902	126,886	495,089	851,530	356,442	
	1929	883	128,049	173,078	723,361	1,206,114	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*	*615,556*	*1,029,535*	*413,979*	*2,642,806*
	1925	763	123,842	160,146	605,860	971,882	366,022	2,427,010
	1923	746	120,677	151,477	573,727	907,347	333,620	2,178,623
Paper [1]	1931	650	87,683	104,042	384,420	684,971	300,551	
	1929	685	103,320	140,398	574,608	967,186	392,578	(8)
	1927	710	98,566	130,475	572,786	919,891	347,106	(8)
Pulp (wood and other fiber). [1]	1931	[3] 198	20,219	22,844	110,668	166,559	55,891	
	1929	198	24,729	32,679	148,753	238,928	90,176	(8)
	1927	219	24,794	31,527	151,325	218,198	66,873	(8)
Converted paper products, total. [5]	1931	2,029	86,679	87,452	262,921	506,052	243,130	
	1929	2,243	105,344	114,253	369,361	686,137	316,775	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
	1923	1,939	98,349	98,667	305,037	549,623	244,586	134,939
Bags, paper, exclusive of those made in paper mills.	1931	95	6,836	6,423	33,427	54,291	20,864	
	1929	95	6,970	6,661	43,238	64,621	21,383	13,416
	1927	88	6,463	6,394	40,735	57,490	16,755	9,336
Boxes, paper, not elsewhere classified.	1931	1,214	46,722	44,085	113,251	217,872	104,621	
	1929	1,249	55,654	57,110	159,840	294,253	134,414	80,064
	1927	1,219	56,398	57,701	168,464	306,555	138,091	81,300
	1925	1,229	57,148	57,172	151,712	281,944	130,232	76,185
	1923	1,216	56,855	53,966	144,079	264,209	120,130	61,687
Card cutting and designing.	1931	72	2,041	2,408	6,574	15,953	9,279	
	1929	70	2,338	2,725	9,286	19,648	10,362	3,909
	1927	60	2,024	2,707	7,544	16,871	9,327	3,915
Cardboard, not made in paper mills.	1931	12	520	599	1,656	3,594	1,938	
	1929	13	609	819	2,665	5,629	2,964	1,549
	1927	9	658	849	2,868	5,581	2,713	1,779
Envelopes	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
	1927	153	9,745	10,755	28,973	56,006	27,033	11,391
Wall paper	1931	50	3,734	3,994	9,150	20,194	11,044	
	1929	56	4,705	5,732	13,480	30,008	16,527	12,740
	1927	53	4,811	5,981	14,612	30,059	15,447	13,343
Paper goods, not elsewhere classified.	1931	424	17,902	20,285	76,311	147,205	70,894	
	1929	436	20,227	23,810	100,369	182,648	82,279	67,145
	1927	340	14,837	17,765	78,797	140,948	62,151	42,955
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES								
Printing and publishing, total.	1931	21,970	254,461	437,425	511,219	2,206,977	1,695,758	
	1929	24,360	281,119	506,290	660,029	2,760,196	2,100,167	544,588
	1927	22,558	262,740	474,639	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
	1923	20,471	247,384	400,486	587,109	2,030,615	1,443,505	358,019
Printing and publishing, book and job. [6]	1931	11,656	134,302	210,755	210,973	787,825	576,852	
	1929	12,712	150,649	251,577	266,749	1,006,657	739,907	211,448
	1927	11,466	142,347	241,210	253,056	920,251	667,195	194,718
	1925	10,338	134,559	221,425	230,691	820,553	589,862	170,096
	1923	10,094	130,819	202,315	221,377	747,486	526,110	153,334

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[3] Revised; revision not carried into total.
[5] Owing to a change in classification data for 1931 are not strictly comparable with data for prior years.
[7] 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 1931, are, therefore, not strictly comparable with those for earlier years. Figures in italics have been adjusted for comparison with 1925 and 1[illegible] ingle unit mills manufacturing both pulp and paper.
[8] Because of t[illegible] cases a paper mill and a pulp mill are supplied with power from the same power pla[illegible] to give separate figures for each industry.

No. 738.—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, music.	1931	103	656	970	965	10,903	9,938	----------
	1929	124	810	1,314	1,542	15,240	13,698	956
	1927	119	994	1,678	1,658	15,882	14,223	1,343
Printing and publishing, newspaper and periodical.	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	237,602
	1923	10,267	115,646	196,804	363,480	1,268,502	905,022	203,454
Industries allied to printing and publishing, total.	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
	1923	2,643	60,609	92,420	78,545	284,703	206,158	71,948
Bookbinding and blank-book making.	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
	1927	1,063	21,909	28,281	25,875	87,327	61,452	19,038
Engravers' materials	1931	21	275	444	1,166	2,319	1,153	----------
	1929	19	313	448	1,795	3,129	1,335	1,493
	1927	17	178	294	1,289	2,169	879	864
Engraving, steel, copper-plate, and wood, and plate printing.	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
	1927	416	8,681	12,177	10,313	39,713	29,400	6,939
Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.	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
	1927	173	1,805	2,612	2,078	7,931	5,853	2,028
[illegible] not [illegible] es-	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
	1927	611	11,033	28,381	10,790	69,207	58,417	9,366
Lithographing	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
	1927	309	16,348	27,466	32,704	97,050	64,346	28,541
Stereotyping and electrotyping [illegible] ments.	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
	1927	197	4,502	10,273	4,677	25,549	20,872	16,888
Printing materials, not including type or printing ink.	1931	90	781	1,201	1,466	5,795	4,329	----------
	1929	84	1,004	1,649	2,185	8,579	6,394	2,709
	1927	70	882	1,402	2,034	7,022	4,988	2,339
Type founding	1931	18	407	403	309	1,275	966	----------
	1929	19	467	556	648	2,604	1,956	1,218
	1927	19	525	658	749	2,684	1,935	1,230
CHEMICALS AND ALLIED PRODUCTS								
Chemicals and allied products, other than animal, vegetable, and compounded oils, total.	1931	6,876	216,269	252,513	1,048,825	2,399,668	1,350,843	----------
	1929	7,599	260,329	336,816	1,579,431	3,289,289	1,709,858	1,980,145
	1927	6,760	228,674	294,090	1,409,190	2,855,979	1,446,789	1,528,092
	1925	6,509	222,112	275,579	1,374,950	2,651,375	1,276,425	1,464,454
	1923	6,424	226,710	271,444	1,316,282	2,472,610	1,156,328	1,388,993
Ammunition and related products.	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
	1927	20	7,602	8,266	20,945	45,602	24,657	17,175
Explosives	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
	1927	100	5,803	8,131	36,894	72,490	35,596	38,239
Fireworks	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
	1927	36	1,564	1,395	2,624	5,885	3,261	1,300

No. 738.—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								
Baking powders, yeast, and other leavening compounds.	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
	1927	47	3,082	4,794	24,619	[3] 55,716	[3] 31,097	42,816
Bluing	1931	20	95	94	402	1,179	777	----------
	1929	20	105	107	469	1,365	896	169
	1927	20	155	151	594	1,674	1,080	363
Bone black, carbon black, and lampblack.	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
	1927	67	1,553	2,047	6,571	14,262	7,691	8,065
Blacking, stains, and dressings.	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
	1927	176	1,716	2,181	9,186	22,548	13,363	4,005
Candles	1931	23	713	711	2,481	5,396	2,915	----------
	1929	20	781	923	3,251	6,686	3,436	1,971
	1927	17	709	761	2,959	6,351	3,392	996
Chemicals, not elsewhere classified.[9]	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	52,347	78,275	296,677	572,091	275,414	576,285
	1925	751	57,890	83,537	282,712	570,310	287,598	546,797
	1923	773	77,254	103,301	328,597	655,275	326,678	592,023
Cleaning and polishing preparations.	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
	1927	341	2,403	2,988	15,220	41,234	26,015	8,485
Drug grinding	1931	23	661	711	5,457	9,159	3,702	----------
	1929	26	677	841	5,675	9,669	3,994	5,277
	1927	25	659	820	5,684	9,205	3,522	4,602
Druggists' preparations	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
	1927	373	10,138	11,942	40,499	110,309	69,810	15,919
Patent or proprietary medicines and compounds.	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
	1923	1,363	17,353	16,915	88,802	237,494	148,692	29,998
Perfumes, cosmetics, and other toilet preparations.	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
	1927	705	10,463	10,965	52,765	161,246	108,480	10,431
Tanning materials, natural dyestuffs, mordants and assistants, and sizes.	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
	1927	122	2,414	2,971	23,074	35,677	12,603	29,172
Fertilizers	1931	599	14,551	12,146	106,481	154,350	47,869	----------
	1929	638	20,926	17,884	159,801	232,511	72,710	166,084
	1927	621	18,612	17,550	138,743	190,385	52,242	156,274
	1925	587	19,644	17,743	137,808	206,773	68,965	152,193
	1923	573	18,572	16,365	127,980	183,089	55,108	161,774
Compressed and liquefied gases.	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
	1927	313	3,212	4,948	11,749	50,547	38,799	70,489
Glue and gelatin	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
	1927	61	3,226	4,524	19,222	31,196	11,973	24,763
Mucilage, paste, and other adhesives, except glue and rubber cement.	1931	69	282	350	1,889	3,621	1,732	----------
	1929	84	414	547	3,669	6,638	2,970	2,564
	1927	80	502	679	4,270	7,945	3,675	2,219
Grease and tallow, not including lubricating greases.	1931	238	4,067	5,225	17,533	29,241	11,708	----------
	1929	297	5,475	7,802	40,142	61,608	21,466	41,686
	1927	247	5,052	7,403	38,272	56,280	18,008	34,069

[3] Revised; revision not carried into total.
[9] Includes "Compressed and liquefied gases" prior to 1927 and also includes "Rayon" for 1923.

No. 738.—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	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
	1927	123	2,288	3,665	16,054	37,734	21,680	18,901
Ink, writing	1931	23	347	363	1,463	3,535	2,073	
	1929	29	416	480	1,993	4,595	2,602	847
	1927	24	491	576	2,209	5,342	3,133	743
Alcohol, ethyl, and distilled liquors.	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
	1927	28	1,180	1,705	19,310	33,971	14,661	7,261
Liquors, vinous	1931	14	96	119	381	949	568	
	1929	24	186	278	609	2,448	1,839	1,188
	1927	13	150	177	1,206	2,693	1,487	999
Paints and varnishes	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
	1923	826	22,818	29,871	248,955	404,134	155,180	114,281
Rayon and allied products.	1931	32	38,735	38,231	36,181	132,632	96,452	
	1929	29	39,106	44,697	33,335	149,546	116,211	195,844
	1927	19	26,341	28,649	25,748	109,888	84,141	122,406
Salt	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
	1927	58	5,961	7,117	14,664	34,329	19,665	55,928
Soap	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	278,273	93,400	56,697
	1923	270	17,002	20,776	173,546	276,403	102,857	74,820
Wood distillation and charcoal manufacture.	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
	1927	88	4,537	4,739	15,423	27,630	12,208	16,833
Animal, vegetable, and compounded oils, total.	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
	1923	773	19,817	17,300	386,662	460,951	74,290	265,235
Oil, cake, and meal, cottonseed.	1931	504	12,268	8,335	147,165	181,347	34,182	
	1929	553	15,825	11,203	249,020	298,376	49,356	284,395
	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
	1923	511	12,745	7,908	197,515	226,388	28,873	223,742
Oils, essential	1931	12	128	199	2,707	3,505	798	
	1929	22	265	326	3,804	6,653	2,849	1,894
	1927	14	169	258	3,427	4,642	1,215	758
Oil, cake, and meal, linseed.	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
	1927	33	2,718	4,325	97,750	111,544	13,793	28,273
Oils, not elsewhere classified.[1]	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	1931	112	14,383	22,134	162,793	226,509	63,716	
	1929	153	20,552	33,389	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
	1923	262	28,364	48,108	354,030	516,923	162,892	332,560

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

No. 738.—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								
Fuel briquettes	1931	23	301	357	3,035	4,568	1,533	
	1929	23	426	584	5,919	9,498	3,579	14,893
	1927	20	274	446	4,873	7,203	2,330	9,594
Gas, manufactured, illuminating and heating.	1931	638	34,523	49,442	152,580	467,751	315,172	
	1929	754	43,065	[3] 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
	1923	939	42,282	59,600	191,120	450,097	258,977	358,605
Lubricating oils and greases, not made in petroleum refineries.[1]	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	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	780,849
	1927	354	71,234	113,717	1,752,997	2,142,649	389,651	552,051
	1925	359	65,324	104,645	1,889,678	2,376,657	486,979	393,753
	1923	382	66,717	103,534	1,425,053	1,793,700	368,647	[3] 349,154
RUBBER PRODUCTS								
Boots and shoes, rubber.	1931	15	15,882	13,770	12,298	47,905	35,607	
	1929	22	25,650	29,945	34,396	102,538	68,141	62,603
	1927	22	26,848	32,079	43,373	124,608	81,235	68,359
Rubber tires and inner tubes.	1931	48	49,159	63,089	173,604	406,283	232,679	
	1929	91	83,263	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
	1923	160	73,963	108,623	365,165	644,194	279,029	370,551
Rubber goods, other than tires, inner tubes, and boots and shoes.	1931	390	34,218	35,738	66,965	160,077	93,112	
	1929	412	40,226	50,279	114,674	244,746	130,071	205,452
	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
	1923	344	34,470	39,790	90,729	182,584	91,855	178,809
LEATHER AND ITS MANUFACTURES								
Leather: Tanned, curried, and finished.	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
	1923	597	59,703	73,784	321,750	488,898	167,148	230,187
Finished products of leather, total.[10]	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
	1923	4,284	285,947	315,893	775,367	1,405,478	630,111	190,611
Belting, leather	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
	1927	173	2,164	2,925	16,185	27,266	11,080	6,728
Boots and shoes, other than rubber.	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
	1923	1,606	225,216	250,346	527,457	1,000,078	472,621	123,550
Boot and shoe cut stock, not made in boot and shoe factories.	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
	1927	201	8,611	9,354	97,966	121,022	23,056	13,718
Boot and shoe findings, not made in boot and shoe factories.	1931	361	9,088	[3] 8,264	18,142	37,366	19,225	
	1929	382	10,376	11,058	31,964	58,625	26,661	20,259
	1927	379	9,950	11,202	31,862	57,433	25,571	18,021

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

[3] Revised; revision not carried into total.

[10] Figures for certain prior years revised to include data for "Whips," formerly a separate classification in the Miscellaneous group, but abandoned for 1931 and combined with "Saddlery and harness" under the title "Saddlery, harness, and whips," in the Leather group.

No. 738.—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								
Gloves and mittens, leather.	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
	1927	232	9,106	8,814	19,276	36,662	17,386	2,603
Pocketbooks, purses, and cardcases.	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
	1927	257	8,570	13,170	29,619	57,345	27,726	1,725
Saddlery, harness, and whips.	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
	1927	271	4,113	4,631	16,702	27,667	10,965	5,160
Trunks, suitcases, and bags.	1931	371	6,198	6,343	13,232	26,715	13,483	----------
	1929	467	11,359	13,757	31,694	63,969	32,275	10,220
	1927	495	10,345	13,085	29,123	59,959	30,830	9,001
Leather goods, not elsewhere classified.	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
	1927	413	7,188	8,379	21,540	43,292	21,752	3,651
STONE, CLAY, AND GLASS PRODUCTS								
Industries using stone as a material, total.	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	1,672,639
	1925	4,852	123,699	178,644	300,793	779,031	478,238	1,365,906
	1923	4,621	118,560	167,466	273,368	697,461	424,092	1,071,210
Concrete products	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
	1927	2,330	17,808	24,898	33,913	93,259	59,346	54,342
Marble, granite, slate, and other stone products.	1931	1,588	27,700	41,651	34,405	119,395	84,990	----------
	1929	1,881	37,817	63,041	57,638	192,164	134,526	305,915
	1927	1,978	40,474	68,491	66,328	201,181	134,853	295,174
Lime	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
	1927	260	10,903	12,191	17,269	41,587	24,318	84,195
Cement	1931	164	24,317	29,884	56,098	148,845	92,747	----------
	1929	174	33,368	48,849	95,242	267,509	172,267	1,183,089
	1927	161	36,322	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
	1923	133	35,091	49,708	100,767	264,098	163,332	642,840
Wall plaster, wallboard, insulating board, and floor composition.	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
	1927	221	10,014	14,412	31,998	83,856	51,858	116,230
Abrasive wheels, stones, paper, and related products.[1]	1931	73	4,614	5,540	11,727	31,647	19,919	----------
Asbestos products, other than steam packing or pipe and boiler covering.	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
	1927	62	6,337	8,376	21,518	44,156	22,639	26,525
Sand-lime brick	1931	31	322	357	461	1,268	806	----------
	1929	40	566	776	945	2,971	2,026	7,346
	1927	45	790	1,051	1,158	3,616	2,458	8,598
Industries using clay and other earths as materials, total.	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
	1923	2,734	151,176	185,282	155,034	497,812	342,778	613,862

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

No. 738.—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								
Clay products (other than pottery) and nonclay refractories.[11]	1931	1,264	51,128	44,368	36,969	127,336	90,367	535,567
	1929	1,760	93,657	107,348	82,734	297,879	215,145	631,269
	1927	1,857	101,230	122,311	100,642	321,890	221,248	518,680
	1925	1,950	103,061	127,508	100,768	335,822	235,054	482,223
	1923	1,996	103,239	124,400	104,544	336,884	232,340	
Pottery, including porcelain ware.	1931	275	27,023	26,981	16,393	65,866	49,473	61,868
	1929	313	35,409	43,656	27,007	110,622	83,615	54,879
	1927	316	36,667	45,150	33,581	110,597	77,017	
China firing and decorating, not done in potteries.	1931	21	220	236	551	1,128	577	53
	1929	27	317	420	640	1,554	914	43
	1927	31	366	428	682	1,692	1,010	
Graphite, ground and refined.	1931	9	183	183	976	1,962	986	3,156
	1929	11	494	627	1,458	3,760	2,302	3,011
	1927	13	289	341	1,319	2,932	1,612	
Minerals and earths, ground or otherwise treated.[1]	1931	88	1,090	1,127	3,817	7,295	3,478	39,117
	1929	88	1,679	2,188	8,938	17,409	8,471	
Statuary and art goods (except concrete), factory production.	1931	150	1,325	2,328	1,271	5,700	4,429	1,539
	1929	171	2,112	4,236	2,045	10,045	8,000	1,137
	1927	136	2,028	4,404	2,415	10,187	7,772	
Glass and manufactures of glass, total.	1931	839	57,100	66,531	90,824	252,592	161,767	356,150
	1929	998	78,338	102,552	135,272	368,984	233,663	329,244
	1927	919	74,598	93,928	134,879	336,147	201,268	281,476
	1925	938	78,384	99,356	146,697	358,851	212,154	250,982
	1923	962	81,956	100,819	145,070	367,848	222,778	
Glass	1931	229	49,917	57,882	73,575	216,265	142,690	341,979
	1929	263	67,527	87,795	103,294	303,819	200,525	318,298
	1927	289	65,825	81,353	109,911	282,394	172,483	271,639
	1925	310	69,371	86,736	113,652	295,950	182,307	240,528
	1923	333	73,335	89,898	113,170	309,353	196,183	
Mirrors and other glass products made of purchased glass.	1931	610	7,183	8,650	17,250	36,327	19,077	14,171
	1929	735	10,811	14,757	31,978	65,116	33,138	10,946
	1927	650	8,773	12,575	24,967	53,753	28,785	
IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY								
Crude iron and steel and rolled products, total.	1931	526	278,206	357,645	1,091,015	1,714,214	623,199	7,532,530
	1929	591	419,534	730,974	2,514,377	4,137,214	1,622,837	6,781,058
	1927	602	389,270	645,534	2,269,210	3,488,744	1,219,534	6,143,927
	1925	595	399,914	660,297	2,429,378	3,711,354	1,281,976	5,999,941
	1923	658	424,913	696,760	2,872,028	4,161,938	1,289,910	
Blast-furnace products.	1931	80	13,572	19,259	259,132	311,371	52,240	(12)
	1929	105	24,960	41,959	610,294	771,425	161,132	(12)
	1927	116	27,958	44,258	579,555	708,904	129,349	(12)
	1925	122	29,188	45,312	617,417	765,286	147,869	1,380,394
	1923	169	36,712	58,935	827,630	1,007,613	179,984	1,686,419
Steel works and rolling-mill products.	1931	446	264,634	338,387	831,884	1,402,843	570,959	[13]7,532,530
	1929	486	394,574	689,016	1,904,083	3,365,789	1,461,706	[13]6,781,058
	1927	486	361,312	601,275	1,689,655	2,779,840	1,090,185	4,763,533
	1925	473	370,726	614,985	1,811,961	2,946,068	1,134,107	4,313,522
	1923	489	388,201	637,825	2,044,398	3,154,325	1,109,926	

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[11] Figures for 1929 and prior years revised to include "Crucibles," abandoned as a separate industry classification for 1931.
[12] Not reported separately; included with "Steel-works and rolling-mill products."
[13] Combined total for "Blast-furnace products" and "Steel-works and rolling-mill products."

No. 738.—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								
Other iron and steel products, total.[14]	1931	5,439	319,747	347,480	715,355	1,563,191	847,837	
	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	5,468	450,869	623,544	1,304,707	2,747,327	1,442,621	1,374,799
	1923	5,695	467,272	627,412	1,280,713	2,665,732	1,385,019	1,259,068
Bolts, nuts, washers, and rivets, not made in rolling mills.[15]	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
	1927	115	13,614	17,324	38,302	75,876	37,574	[3] 57,403
Cast-iron pipe and fittings.	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
	1927	82	22,892	25,982	48,225	95,089	46,864	63,196
Doors, shutters, and window sash and frames, molding, and trim, metal.	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
	1927	117	8,050	15,564	25,602	65,280	39,678	20,626
Forgings, iron and steel, not made in plants operated in connection with steel works or rolling mills.[15]	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
	1927	219	15,594	23,540	52,102	105,036	52,934	127,975
Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.[15]	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
	1927	56	2,100	2,670	5,157	11,753	6,597	8,073
Springs, steel, except wire, not made in plants operated in connection with rolling mills.[15]	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
	1927	94	5,753	8,913	24,599	43,821	19,222	22,263
Steel barrels, kegs, and drums.	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
	1927	39	2,853	3,986	14,736	24,105	9,369	11,229
Structural and ornamental metal work, not made in plants operated in connection with rolling mills.[15]	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
	1923	1,056	51,591	80,833	225,487	406,117	180,630	205,518
Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.[15]	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
	1927	44	11,083	16,066	55,779	98,186	42,407	53,938
Firearms	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
	1927	20	6,130	7,934	5,048	19,452	14,405	15,747
Galvanizing and other coating, not done in plants operated in connection with rolling mills.[15]	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
	1927	59	953	1,449	3,722	6,951	3,228	2,657
Hardware, not elsewhere classified.	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
	1923	473	52,205	63,471	80,598	215,960	135,362	84,006

[3] Revised; revision not carried into total.

[14] Figures for 1929 and prior years include "Iron and steel, processed," abandoned as a separate classification for 1931 and for that year included with "Foundry and machine-shop products, not elsewhere classified," in the machinery group.

[15] Similar products are manufactured to a considerable extent by departments of "Steelworks 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. 738.—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								
Plumbers' supplies, not including pipe or vitreous-china sanitary ware.	1931	238	19,688	20,440	26,003	70,936	44,933	
	1929	255	27,960	37,067	49,033	129,674	80,641	100,821
	1927	231	29,245	40,212	55,633	[3]145,262	[3]89,629	90,293
Safes and vaults	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
	1927	25	3,386	4,494	7,226	18,440	11,213	9,688
Screw-machine products and wood screws.	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
	1927	218	13,690	18,055	25,910	60,020	34,110	43,468
Steam and hot-water heating apparatus and steam fittings.	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
	1923	236	44,141	64,807	83,297	221,954	138,657	91,085
Stoves and ranges (other than electric), and warm-air furnaces.	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	[3]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
	1923	588	49,812	68,331	102,568	268,262	165,694	87,664
Tin cans and other tinware, not elsewhere classified.[16]	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
	1923	241	30,511	32,816	135,980	215,971	79,991	41,252
Tools and cutlery:								
Cutlery (not including silver and plated cutlery) and edge tools.	1931	221	12,485	12,194	8,983	52,337	43,354	
	1929	239	14,991	17,651	14,789	78,661	63,872	49,880
	1927	230	[3]15,832	[3]18,862	[3]18,180	76,688	[3]58,508	43,419
Files	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
	1927	36	3,948	5,145	3,136	12,974	9,838	10,979
Saws	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
	1927	77	4,182	5,754	7,674	22,628	14,954	14,526
Tools, not including	1931	355	10,833	11,209	13,725	42,417	28,692	
	1929	534	19,305	25,808	32,111	99,462	67,352	65,965
	1927	405	16,447	20,941	28,058	76,607	48,549	57,024
Wire, drawn from rods	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	162,574
	1925	68	18,544	26,928	127,251	184,463	57,212	138,115
	1923	64	21,310	29,862	133,883	196,364	62,481	123,923
Wirework, not elsewhere classified.	1931	494	17,226	17,382	40,308	86,694	46,386	
	1929	547	22,388	27,912	68,144	146,805	78,661	48,804
	1927	512	21,697	26,439	63,093	128,536	65,443	45,858
NONFERROUS METALS AND THEIR PRODUCTS								
Smelting and refining, total.	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	[3]479,412
	1923	205	37,634	55,095	924,228	1,060,440	136,213	460,321
Primary, total	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	32,992	47,948	912,064	1,067,125	155,061	[2]455,496
	1923	88	35,146	51,510	830,090	952,734	122,644	446,047
Copper	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	527,764	609,299	81,535	323,799
	1925	26	15,588	22,642	573,190	665,177	91,986	[3]321,909
	1923	29	16,777	25,459	554,100	625,433	71,333	332,943

[3] Revised; revision not carried into total.
[16] "Tin plate and terneplate" is treated as part of the "Steel-works and rolling-mill products" industry.

No. 738.—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.								
Lead	1931	16	2,584	3,589	78,745	90,726	11,982	
	1929	19	4,819	7,577	203,914	232,115	28,201	59,936
	1927	18	5,308	7,690	202,869	225,138	22,279	48,298
	1925	17	6,115	9,002	254,881	283,043	28,162	47,219
	1923	20	6,194	8,768	207,315	227,735	20,421	42,377
Zinc	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
	1927	25	11,188	16,528	76,619	108,298	31,679	93,067
Secondary, total	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
	1927	159	3,577	5,715	127,772	143,418	15,646	16,277
Gold, silver, and platinum, refining and alloying.	1931	63	803	1,186	36,893	41,398	4,505	
	1929	69	931	1,634	61,570	67,959	6,389	4,230
	1927	57	801	1,435	58,377	62,647	3,770	4,288
Nonferrous metals other than gold, silver, and platinum, not from the ore.	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
	1927	102	2,776	4,280	68,894	80,771	11,876	11,989
Metals and manufactures of metals, total.	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	6,533	238,580	332,670	848,199	1,590,955	742,755	744,970
	1925	6,768	239,422	327,859	878,245	1,595,045	716,800	678,128
	1923	7,296	260,164	339,984	843,410	1,576,720	733,310	710,871
Aluminum manufactures.	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
	1927	139	14,798	20,892	79,839	123,557	43,719	71,907
Clocks, watches, time-recording devices, and parts[17]	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
	1927	80	22,472	27,248	16,260	71,783	55,534	19,077
Collapsible tubes	1931	17	1,737	1,634	4,142	7,034	3,492	
	1929	17	1,821	1,782	5,386	8,913	3,527	2,272
	1927	17	1,984	1,918	7,104	11,351	4,247	2,849
Watchcases	1931	31	1,669	1,767	1,361	4,219	2,858	
	1929	40	3,404	4,626	4,631	13,491	8,860	5,581
	1927	40	3,360	4,326	5,311	13,725	8,414	4,121
Sheet-metal work, not specifically classified.	1931	1,762	19,365	25,158	56,342	116,443	60,101	
	1929	2,161	28,593	43,255	112,648	222,485	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
	1923	2,524	28,852	42,446	93,507	188,908	95,401	34,243
Fire extinguishers, chemical.	1931	25	571	617	1,796	4,453	2,656	
	1929	28	740	950	4,188	8,566	4,379	1,464
	1927	26	832	1,192	4,010	8,035	4,025	1,564
Stamped ware, enameled ware, and metal stampings; enameling, japanning, and lacquering.	1931	566	28,378	30,662	53,618	122,696	69,078	
	1929	582	40,000	50,092	87,639	204,306	116,667	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
	1923	412	36,552	44,348	86,340	176,371	90,031	71,053
Lighting equipment[18]	1931	523	14,790	18,150	30,312	75,050	44,738	
	1929	614	23,580	33,289	57,918	144,966	87,047	40,209
	1927	481	21,030	29,261	55,609	127,802	72,194	31,291
Needles, pins, hooks and eyes, and snap fasteners.	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
	1927	45	5,606	6,098	5,923	20,325	14,402	7,250
Nonferrous-metal alloys; nonferrous metal products, except aluminum, not elsewhere classified.	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	65,923	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
	1923	1,156	67,289	92,249	381,935	573,044	191,108	314,757
Gold leaf and foil	1931	48	865	631	1,015	2,217	1,202	
	1929	75	1,177	1,134	1,933	3,978	2,045	383
	1927	77	1,146	1,120	1,721	3,571	1,850	346
Tin and other foils, not including gold foil.	1931	8	[3]1,218	998	7,383	12,226	4,843	
	1929	7	1,710	1,356	13,548	20,955	7,406	18,642
	1927	10	1,658	2,084	15,350	20,952	5,602	18,770

[3] Revised; revision not carried into total.
[17] Not including watchcases. [18] Formerly "Gas and electric fixtures; lamps, lanterns, and reflectors.

No. 738.—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.								
Jewelry [19]	1931	1,052	16,724	20,231	28,684	75,123	46,438	
	1929	*1,436*	*25,287*	*35,465*	*66,506*	*155,544*	*89,037*	
	1929	1,536	27,922	37,980	79,805	177,387	97,582	27,402
	1927	1,367	24,116	36,766	76,915	164,865	87,950	17,070
Jewelers' findings and materials.[1] [19]	1931	99	1,899	2,343	7,121	11,976	4,855	
Silverware and plated ware.	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
	1927	178	16,719	23,945	31,377	87,424	56,047	25,211
Electroplating	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
	1927	419	3,556	5,629	3,335	13,930	10,595	14,090
MACHINERY, EXCEPT TRANSPORTATION EQUIPMENT								
Agricultural implements.	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	33,346	46,415	85,666	202,732	117,066	117,966
	1925	303	28,695	37,388	73,850	169,468	95,618	115,326
	1923	312	30,962	40,511	63,492	151,286	87,794	121,975
Cash registers, and adding, calculating, and card tabulating machines.	1931	41	12,176	14,982	5,269	56,474	51,205	
	1929	46	16,840	29,746	10,766	110,001	99,235	28,257
	1927	41	14,372	21,756	11,132	106,845	95,713	21,954
Electrical machinery, apparatus, and supplies.[20]	1931	1,379	180,106	204,488	337,125	995,010	657,886	
	1931	*1,557*	*214,734*	*257,752*	*423,511*	*1,179,408*	*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	230,921	323,335	636,692	1,540,002	903,310	589,398
	1923	1,671	234,892	305,455	548,627	1,293,002	744,375	480,268
Engines, turbines, tractors, water wheels, and windmills.	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	149,159	321,572	172,413	227,572
	1923	265	49,506	72,309	127,135	273,309	146,174	167,869
Foundry and machine-shop products, not elsewhere classified. [21] [22]	1931	7,221	284,909	328,459	452,551	1,266,619	814,068	
	1929	8,605	454,441	697,509	1,038,066	2,791,462	1,753,396	1,804,886
	1927	*8,095*	*398,672*	*590,924*	*878,771*	*2,268,658*	*1,389,882*	*1,560,240*
	1927	8,380	403,939	601,023	883,652	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
	1923	8,531	448,777	642,431	936,231	2,337,073	1,400,842	1,234,326
Machine-tool accessories and machinists' precision tools and instruments.[1]	1931	718	17,533	25,559	16,329	69,033	52,713	
	1929	722	26,682	51,085	26,993	144,411	117,418	64,398
Machine tools [21]	1931	279	21,262	25,150	21,901	81,287	59,386	
	1929	280	47,391	76,410	64,284	244,578	180,294	141,778
	1927	*288*	*32,383*	*47,403*	*43,151*	*146,855*	*102,703*	*126,426*
	1927	355	35,269	52,366	46,115	159,513	113,398	131,670
	1925	329	30,331	46,711	43,826	144,202	100,376	118,819
	1923	350	33,373	47,337	40,977	137,206	96,229	109,196
Meters (gas, water, etc. and gas generators.)	1931	70	4,954	5,756	7,217	23,050	15,833	
	1929	72	6,101	8,932	15,187	40,623	25,436	11,029
	1927	58	5,915	8,792	15,591	36,715	21,124	10,427
Pumps (hand and power) and pumping equipment.	1931	303	15,156	17,107	33,735	84,353	50,619	
	1929	322	23,106	34,920	66,802	164,009	97,207	82,403
	1927	278	18,671	27,119	52,765	130,591	77,826	64,763

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

[19] 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.

[20] Prior to 1931 this industry covered [illegible] tubes included for 1931 in a new classification, "Radio apparatus and phonographs." [illegible] are, therefore, not comparable with those for prior years; figures shown in italics have been adjusted for comparison with those for prior years.

[21] 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.

[22] Includes for 1931 "Iron and steel, processed," formerly treated as a separate industry in the "Iron and steel" group. Figures for prior years have not been revised to include such data.

No. 738.—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								
Radio apparatus and phonographs.[23]	1931	217	36,490	35,146	88,403	193,143	104,740	----------
Refrigerators, mechanical.	1931	36	15,624	20,146	61,670	144,151	82,481	----------
	1929	34	16,883	26,196	72,413	161,566	89,153	44,953
	1927	22	11,285	17,712	42,651	96,514	53,862	[3] 32,551
Scales and balances	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
	1927	60	3,906	5,461	7,454	24,655	17,202	8,766
Sewing machines and attachments.	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
	1927	35	9,997	13,748	14,073	39,724	25,651	31,286
Textile machinery and parts.	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
	1927	367	26,154	36,481	36,181	116,921	80,740	64,532
Typewriters and parts	1931	20	10,924	10,328	3,785	22,057	18,271	----------
	1929	26	16,945	22,319	7,249	61,858	54,609	23,383
	1927	26	15,603	19,398	9,936	55,319	45,383	14,653
Washing machines, wringers, driers, and ironing machines, for household use.	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
	1927	75	7,789	10,950	34,528	[3] 70,244	[3] 35,716	20,697
TRANSPORTATION EQUIPMENT								
Motor vehicles, not including motor cycles.	1931	178	134,866	156,756	1,044,406	1,567,526	523,120	----------
	1929	210	224,688	364,457	2,304,561	3,709,515	1,314,954	713,912
	1927	204	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	609,758
	1923	351	241,356	406,730	2,147,463	3,163,328	1,015,865	435,545
Motor-vehicle bodies and motor-vehicle parts.[24]	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	824,705
	1927	1,213	181,489	291,291	641,307	1,151,426	510,120	551,639
	1925	1,358	228,382	372,721	862,721	1,523,280	660,558	662,255
	1923	2,120	163,530	253,147	564,107	1,013,112	449,005	[3] 425,088
Motorcycles, bicycles, and parts.[24]	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
	1927	29	3,897	5,442	10,174	21,454	11,280	10,753
C	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
	1927	117	3,387	4,212	10,648	19,422	8,774	18,207
Carriages, and sleds, children's.	1931	69	4,159	4,479	7,091	16,769	9,679	----------
	1929	79	7,102	8,313	13,515	28,818	15,303	10,895
	1927	89	7,030	7,814	13,895	28,668	14,773	10,309
Aircraft and parts	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
	1927	70	4,422	6,857	7,517	21,162	13,645	6,031
Locomotives, other than electric, not made in railroad repair shops.	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
	1927	17	12,961	17,648	45,688	76,719	31,031	148,971
Cars, electric and steam railroad, not built in railroad repair shops.	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
	1923	139	80,590	129,178	413,660	604,350	190,690	250,102
Ship and boat building, steel and wooden, including repair work.	1931	518	45,202	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
	1923	567	62,287	90,720	84,558	213,232	128,675	317,712

[3] Revised; revision not carried into total.

[23] Radio apparatus was formerly included in "Electrical machinery, ap- [illegible] " was a separate industry in the "Miscellaneous industries" group. [illegible] comparable with those for later years, due to the inclusion of [illegible] tor-vehicle parts" instead of with "Motor vehicles, not including motor cycles," as formerly.

[25] Includes for 1931 data for certain of [illegible] sleigh, and sled materials, formerly classified in a separate indu[illegible] [illegible] been revised to include such data.

No. 738. 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.[26]	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
	1923	1,801	488,505	723,742	599,377	1,433,680	834,303	735,635
Railroad repair shops, electric.[27]	1931	384	26,629	38,854	22,119	61,841	39,722	
	1929	446	29,475	47,109	32,781	85,482	52,700	76,424
	1927	515	31,584	48,392	30,421	84,504	54,083	73,357
MISCELLANEOUS INDUSTRIES								
Musical instruments, total.[28]	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
	1927	371	28,769	40,585	52,691	131,066	78,375	53,598
Musical instruments and parts and materials, not elsewhere classified.	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
	1927	99	4,018	5,737	4,641	17,892	13,251	5,356
Organs	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
	1927	63	2,770	4,364	4,494	15,439	10,944	4,332
Pianos	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
	1927	124	16,582	23,891	33,899	75,491	41,592	29,725
Piano and organ materials.	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
	1927	85	5,399	6,594	9,657	22,245	12,587	14,185
Tobacco manufactures, total.	1931	1,228	99,769	69,411	[29] 785,502 *963,476*	1,155,851	370,349	
	1929	1,788	116,119	94,579	429,272	1,246,242	[30]	64,984
	1927	2,156	129,299	105,251	420,667	1,163,708	[30]	52,385
	1925	2,623	132,132	111,558	425,769	1,091,001	[30]	42,075
	1923	3,672	146,337	120,462	515,865	1,044,192	[30]	43,515
Tobacco: Chewing and smoking, and snuff.	1931	125	11,441	8,673	[29] 111,158 *66,873*	169,113	57,955	
	1929	152	10,811	8,955	72,494	179,333	[30]	15,467
	1927	159	13,125	10,661	85,310	198,245	[30]	16,566
Cigars and cigarettes	1931	1,103	88,328	60,738	[29] 674,344 *296,602*	986,738	312,394	
	1929	1,636	105,308	85,623	356,778	1,066,909	[30]	49,517
	1927	1,997	116,174	94,589	336,366	965,524	[30]	35,819
	1925	2,445	117,108	99,373	331,351	874,815	[30]	24,534
	1923	3,466	130,036	107,724	369,491	821,227	[30]	24,894
Other industries, total.[31]	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	271,556	348,762	851,795	1,863,381	1,011,585	638,790
	1923	11,331	291,106	357,316	835,019	1,783,442	948,423	608,593

[26] Formerly classified as "Car and general construction and
[27] Formerly classified as "Car and general construction and
[28] The figures for 1929 and 1927 have been revised by subtrac
has been abandoned as a separate industry and included with "
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1931.
[29] Figures include internal-revenue tax; figures in italics exclude internal-revenue tax and are comparable with those for earlier years.
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"Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and
apiarists' supplies," and "Sandpaper, emery paper, and other abrasive paper and cloth," which were abandoned as separate industries and included in industries in other groups for 1931, are included in this group for 1929 and prior years. For 1931 the motion-picture industry was not treated as a manufacturing industry, but for years prior to 1931 was included with this subgroup.

No. 738.—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.	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
	1927	190	4,715	5,050	7,889	19,576	11,688	541
Artists' materials	1931	65	838	891	2,137	5,823	3,686	----------
	1929	68	1,167	1,429	4,155	9,460	5,304	3,397
	1927	61	1,211	1,430	3,772	8,205	4,433	3,250
Brooms	1931	334	4,086	[3] 3,326	6,264	13,135	6,871	----------
	1929	407	4,542	4,169	9,648	19,166	9,519	4,672
	1927	394	4,450	4,275	9,176	18,445	9,269	4,401
Brushes, other than rubber.	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
	1927	302	7,673	8,244	22,553	47,844	25,291	12,093
Buttons	1931	212	8,224	6,661	8,303	21,525	13,221	----------
	1929	242	9,034	8,814	11,501	28,978	17,477	14,615
	1927	229	9,642	9,436	11,238	29,130	17,893	15,899
Carbon paper and inked ribbons.	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
	1927	49	1,078	1,514	6,020	13,793	7,773	3,267
Combs and hairpins, not made from metal or rubber.	1931	23	653	571	837	1,917	1,080	----------
	1929	24	656	641	1,007	2,482	1,476	1,015
	1927	36	1,269	1,249	1,873	4,437	2,564	1,591
Dentists' supplies and equipment, except instruments.	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
	1927	97	3,759	3,941	18,189	32,349	14,160	3,792
Feathers, plumes, and manufactures thereof.	1931	53	527	559	588	1,898	1,310	----------
	1929	39	257	310	386	1,141	755	100
	1927	38	322	397	534	1,438	904	103
Foundry supplies	1931	52	428	492	2,080	3,998	1,918	----------
	1929	59	853	1,256	5,535	10,459	4,924	9,396
	1927	65	941	1,200	6,539	11,635	5,096	11,133
Fur goods	1931	2,354	12,358	24,793	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	195,323	299,615	104,292	5,655
	1925	2,000	16,556	35,164	159,316	254,266	94,950	4,985
	1923	1,758	14,439	27,923	126,162	198,043	71,880	4,299
Furs, dressed	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
	1927	172	5,540	10,361	7,072	27,681	20,609	12,467
Hair work	1931	52	267	288	311	1,184	874	----------
	1929	59	359	432	538	1,694	1,155	44
	1927	69	515	598	830	2,279	1,449	21
Hand stamps and stencils, and brands.	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
	1927	293	2,668	3,842	3,734	14,156	10,422	3,159
Hats, straw, men's	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
	1927	48	3,263	4,232	11,783	21,718	9,935	1,554
Instruments, professional and scientific, and gauges, except machinists' gauges.	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
	1927	280	16,414	22,289	28,880	87,783	58,903	25,587
Jewelry and instrument cases.	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
	1927	107	2,406	2,597	3,294	8,810	5,516	1,440
Lapidary work	1931	53	205	340	1,378	2,475	1,097	----------
	1929	100	506	1,002	8,235	11,942	3,708	474
	1927	92	547	1,221	9,133	12,352	3,218	513
Mattresses and bed springs, not elsewhere classified.	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
	1927	838	13,481	16,887	52,182	98,835	46,652	32,937

[3] Revised; revision not carried into total.

No. 738.—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.	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
	1927	617	17,259	18,636	35,002	83,918	48,916	11,401
Models and patterns, not including paper patterns.	1931	649	4,332	7,378	2,787	16,192	13,405	
	1929	804	6,778	13,234	5,314	30,621	25,307	12,378
	1927	693	5,584	10,545	4,659	23,495	18,836	11,465
Optical goods	1931	102	7,446	8,756	7,524	27,887	20,364	
	1929	117	9,701	12,634	11,859	40,562	28,703	15,626
	1927	96	7,596	9,561	8,865	32,757	23,892	12,401
Paving materials: Blocks (except brick and stone), and mixtures.[1]	1931	97	1,081	1,556	8,587	16,003	7,416	
	1929	126	2,375	3,731	13,589	29,275	15,687	30,393
Pencils, lead (including mechanical).	1931	26	3,459	3,177	5,202	13,959	8,757	
	1929	38	5,703	6,292	10,756	27,773	17,017	9,921
	1927	27	5,301	5,943	9,931	24,500	14,568	9,832
Pens, fountain and stylographic,	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
	1927	68	4,031	4,735	10,375	25,645	15,270	3,721
Photographic apparatus and materials and projection apparatus.	1931	110	10,609	13,082	20,868	79,505	58,639	
	1929	115	12,967	20,507	30,393	102,827	72,435	31,904
	1927	122	12,120	18,311	29,020	90,828	61,808	24,838
Pipes (tobacco)	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
	1927	23	1,807	2,279	2,723	7,274	4,551	1,928
Roofing, built-up and roll; asphalt shingles; roof coatings, other than paint.	1931	83	4,123	5,331	32,706	58,963	26,257	
	1929	102	6,027	8,952	61,392	103,506	42,115	33,791
	1927	100	7,255	10,713	67,328	123,210	55,883	41,740
Signs and advertising novelties.	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	19,627
	1927	813	16,907	24,044	30,892	98,481	67,589	15,325
Soda fountains and accessories.	1931	47	1,563	2,190	5,236	14,606	9,370	
	1929	54	2,764	3,922	10,490	24,510	14,020	5,271
	1927	48	2,838	4,223	10,391	23,929	13,538	5,042
Sporting and athletic goods, not including firearms or ammunition.	1931	217	10,176	11,219	20,099	49,257	29,159	
	1929	242	10,793	13,135	24,482	58,289	33,806	18,039
	1927	188	9,689	11,595	19,394	44,943	25,549	13,484
Stationery goods, not elsewhere classified.	1931	176	8,614	9,034	22,285	47,355	25,071	
	1929	203	11,078	12,430	32,178	74,062	41,884	11,523
	1927	194	8,987	9,792	27,016	56,987	29,971	8,891
Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.	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
	1927	159	5,946	7,905	19,794	43,045	23,250	29,810
Surgical and orthopedic appliances and related products.	1931	325	6,740	7,271	22,954	51,012	28,058	
	1929	363	7,910	8,922	36,005	71,607	35,602	13,407
	1927	335	7,310	8,371	30,764	60,623	29,860	9,662
Theatrical scenery and stage equipment.	1931	45	365	649	1,218	3,003	1,784	
	1929	55	547	992	2,098	5,508	3,409	618
	1927	39	561	1,380	2,330	5,745	3,415	998
Toys, games, and playground equipment.[32]	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
	1927	397	14,738	15,543	25,805	63,956	38,150	19,028
Umbrellas, parasols, and canes.	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
	1927	164	3,308	3,411	14,021	23,156	9,135	2,411
Window shades and fixtures.	1931	448	3,119	3,313	11,198	20,562	9,364	
	1929	482	4,708	5,624	19,785	36,965	17,179	8,389
	1927	386	4,733	5,856	21,065	37,082	16,016	8,679

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[32] Not including children's wheel goods or sleds.

Source: Bureau of the Census, Department of Commerce.

No. 739.—SUMMARY FOR ALL MANUFACTURING INDUSTRIES COMBINED: BY GEOGRAPHIC DIVISIONS AND STATES

NOTE.—Data for "Coffee and spices, roasting and grinding" are included for all years except 1927, for which year this industry was not canvassed. Data for "Meat packing, wholesale" are included for all years except 1927, for which year this industry was not tabulated for the United States as a whole, and "Slaughtering and meat packing" are included for all years except 1927, for which year this industry was not canvassed. No data for establishments with products valued at less than $5,000 are included. Statistics for horsepower were not collected for 1931.

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	1931	175,325	6,523,026	7,185,971	21,483,678	41,350,465	19,866,787	----------
	1929	210,959	8,838,743	11,620,973	38,549,580	70,434,863	31,885,284	42,931,061
	1927	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	35,936,648	62,713,714	26,778,066	35,772,628
	1923	196,309	8,778,156	11,009,298	34,705,698	60,555,998	25,850,300	33,094,228
New England	1931	16,383	850,132	897,541	1,833,328	3,915,474	2,082,146	----------
	1929	18,272	1,008,514	1,346,392	3,158,416	6,398,215	3,239,798	4,686,822
	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	1,330,310	3,203,011	6,140,063	2,936,153	4,349,191
	1923	19,081	1,254,496	1,472,315	3,290,156	6,419,975	3,129,820	4,151,136
Middle Atlantic	1931	56,556	1,961,778	2,353,194	6,401,882	12,966,973	6,565,091	----------
	1929	64,730	2,562,340	3,640,420	11,183,619	21,359,574	10,175,955	11,623,682
	1927	62,276	2,467,791	3,491,680	10,488,832	19,533,075	9,044,243	10,968,754
	1925	58,895	2,491,080	3,434,610	10,082,358	19,409,491	8,727,133	10,106,390
	1923	66,007	2,694,027	3,595,238	11,124,614	19,738,954	8,614,340	9,627,810
East North Central	1931	39,290	1,757,815	2,057,711	6,109,399	11,843,813	5,734,414	----------
	1929	46,396	2,542,176	3,738,804	11,689,799	21,663,289	9,973,490	12,602,451
	1927	43,671	2,309,860	3,340,801	10,525,393	18,988,400	8,463,007	11,056,846
	1925	42,888	2,342,799	3,345,894	10,764,884	19,026,814	8,261,920	10,047,780
	1923	43,978	2,387,049	3,333,621	10,166,125	17,821,694	7,655,569	9,023,688
West North Central	1931	15,134	365,220	406,432	2,012,162	3,108,724	1,186,562	----------
	1929	17,792	474,115	589,162	3,507,302	5,377,383	1,869,991	2,210,192
	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
	1923	16,605	469,725	563,914	2,848,565	4,299,549	1,450,984	1,705,600
South Atlantic	1931	15,255	737,514	584,320	1,694,740	3,611,503	1,916,763	----------
	1929	20,860	912,247	825,903	2,811,055	5,269,276	2,458,221	4,318,015
	1927	17,029	879,060	794,265	2,487,871	4,631,952	2,144,081	3,805,038
	1925	16,576	838,834	757,051	2,549,391	4,532,146	1,982,755	3,384,030
	1923	17,049	832,016	729,859	2,438,631	4,238,237	1,799,606	3,047,501
East South Central	1931	6,125	262,426	208,975	615,466	1,171,025	555,559	----------
	1929	9,860	377,870	348,733	1,090,015	2,014,443	924,428	1,909,354
	1927	7,637	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
	1923	7,513	347,200	310,354	988,075	1,702,670	714,594	1,461,604
West South Central	1931	8,274	199,694	192,303	1,030,359	1,547,232	516,874	----------
	1929	10,576	297,743	316,475	1,851,630	2,802,092	950,462	1,749,555
	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	2,546,506	824,124	1,316,629
	1923	7,947	267,111	265,332	1,375,838	2,091,624	715,786	1,269,347
Mountain	1931	3,652	70,040	88,083	366,799	578,974	212,175	----------
	1929	4,319	102,492	144,486	869,856	1,239,911	370,055	938,689
	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
	1923	3,970	103,803	143,392	609,141	955,772	346,632	714,807
Pacific	1931	14,656	318,407	397,412	1,419,543	2,516,745	1,097,202	----------
	1929	18,154	471,246	670,599	2,387,799	4,310,681	1,922,882	2,802,301
	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
	1923	14,158	420,472	591,387	1,851,431	3,257,540	1,406,109	1,886,942
New England: Maine	1931	1,235	56,308	55,187	142,292	259,505	117,213	----------
	1929	1,568	70,159	74,200	217,367	391,751	174,385	679,153
	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
	1923	1,642	83,328	91,854	217,070	402,650	185,580	570,532

No. 739.—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	1931	851	53,048	51,810	112,650	210,152	97,502	
	1929	1,075	65,511	70,514	185,402	332,535	147,132	402,147
	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
	1923	1,078	75,314	79,074	185,754	333,125	147,370	352,656
Vermont	1931	702	18,726	20,923	37,417	80,603	43,186	
	1929	927	27,421	33,810	66,263	143,523	77,260	163,940
	1927	880	26,241	32,305	69,967	134,030	64,073	172,762
	1925	951	27,563	32,326	74,387	138,270	63,882	178,806
	1923	1,021	30,783	34,695	80,776	149,952	69,176	177,212
Massachusetts	1931	9,305	434,441	474,189	1,015,094	2,157,450	1,142,357	
	1929	9,872	557,494	694,805	1,681,433	3,392,162	1,710,729	2,068,521
	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
	1923	10,519	667,172	799,363	1,835,013	3,570,543	1,735,530	1,931,787
Rhode Island	1931	1,473	95,435	96,036	198,494	409,816	211,322	
	1929	1,701	126,068	144,197	342,290	666,368	324,078	463,822
	1927	1,497	120,009	138,896	313,107	592,233	279,126	410,181
	1925	1,595	120,345	138,126	345,221	621,920	276,699	395,754
	1923	1,691	134,667	152,500	358,581	675,425	316,844	391,928
Connecticut	1931	2,817	192,174	199,396	327,381	797,948	470,568	
	1929	3,129	251,861	328,865	665,661	1,471,876	806,214	909,239
	1927	2,877	240,806	304,504	596,014	1,284,739	688,724	847,395
	1925	3,062	242,392	301,200	612,642	1,274,952	662,309	790,087
	1923	3,130	263,232	314,820	612,961	1,288,281	675,320	727,021
Middle Atlantic:								
New York	1931	34,004	848,352	1,105,559	3,140,407	6,554,250	3,413,843	
	1929	39,395	1,105,966	1,650,379	5,004,636	9,978,556	4,973,920	3,086,781
	1927	36,650	1,072,284	1,605,378	4,804,173	9,400,061	4,595,889	3,071,185
	1925	33,393	1,066,202	1,533,893	4,704,989	8,968,548	4,263,558	3,348,184
	1923	38,186	1,150,901	1,581,349	4,764,626	8,960,638	4,196,012	3,263,325
New Jersey	1931	7,178	334,691	402,027	1,147,304	2,307,336	1,160,032	
	1929	8,388	442,328	610,596	2,165,727	3,937,157	1,771,430	1,645,408
	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
	1923	8,767	443,059	578,927	2,039,477	3,396,628	1,357,150	1,256,890
Pennsylvania	1931	14,774	778,735	845,607	2,114,172	4,105,387	1,991,215	
	1929	16,947	1,014,046	1,379,444	4,013,256	7,443,861	3,430,606	5,991,493
	1927	17,314	987,414	1,315,903	3,728,062	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
	1923	19,054	1,095,057	1,434,903	4,320,510	7,381,688	3,061,178	5,107,593
East North Central:								
Ohio	1931	9,877	506,960	593,025	1,589,840	3,116,016	1,526,176	
	1929	11,855	741,143	1,102,166	3,138,099	6,027,903	2,889,804	4,340,575
	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
	1923	11,195	699,132	979,660	2,909,167	5,146,515	2,237,348	3,307,726
Indiana	1931	4,097	212,614	232,319	756,980	1,394,213	637,233	
	1929	5,091	314,698	418,771	1,403,431	2,539,894	1,136,463	1,858,735
	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
	1923	4,909	291,131	374,510	1,190,070	2,031,675	841,605	1,372,007
Illinois	1931	13,188	484,195	589,805	1,790,135	3,528,946	1,738,812	
	1929	15,333	691,555	1,024,870	3,352,054	6,282,092	2,930,038	2,807,001
	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
	1923	14,345	645,627	913,220	2,794,613	5,041,113	2,246,501	1,942,516
Michigan	1931	5,793	370,140	453,463	1,303,010	2,555,106	1,252,096	
	1929	6,686	530,035	840,505	2,589,374	4,656,718	2,067,344	2,356,746
	1927	5,800	488,856	760,602	2,346,678	4,244,941	1,898,263	2,214,747
	1925	5,660	515,494	792,225	2,466,426	4,373,186	1,906,760	1,887,750
	1923	5,697	503,308	769,071	2,270,773	3,882,192	1,611,419	1,471,550

No. 739.—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	1931	6,335	183,906	189,099	669,434	1,199,532	530,097	
	1929	7,431	264,745	352,491	1,206,840	2,156,682	949,842	1,239,394
	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
	1923	7,832	247,851	297,160	1,001,502	1,720,198	718,696	929,889
West North Central:								
Minnesota	1931	3,864	80,753	92,929	457,317	719,064	261,747	
	1929	4,315	103,414	132,418	768,218	1,173,214	404,995	606,704
	1927	3,886	98,833	123,619	726,391	1,066,727	340,336	584,328
	1925	3,888	100,614	123,767	770,724	1,101,856	331,132	508,021
	1923	3,900	103,964	125,531	647,323	962,775	315,452	460,128
Iowa	1931	2,776	60,956	68,402	356,007	560,811	204,804	
	1929	3,317	81,678	102,327	574,394	898,213	323,820	366,760
	1927	3,061	73,692	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
	1923	3,420	77,847	94,206	434,336	690,032	255,697	282,333
Missouri	1931	4,824	155,268	162,052	631,166	1,117,701	486,535	
	1929	5,765	202,879	240,369	1,139,658	1,917,155	777,497	717,978
	1927	5,422	195,378	230,017	1,004,709	1,665,173	660,464	656,269
	1925	5,114	194,959	230,691	980,459	1,607,161	626,702	590,485
	1923	5,291	196,694	228,015	944,083	1,547,189	603,106	553,397
North Dakota	1931	325	3,306	4,600	28,155	40,076	11,921	
	1929	373	4,024	5,687	39,684	55,322	15,637	19,756
	1927	307	3,260	4,808	34,271	47,003	12,732	16,167
	1925	320	3,261	4,575	32,307	44,632	12,325	16,711
	1923	340	3,552	5,134	30,704	42,145	11,441	16,730
South Dakota	1931	489	5,373	6,378	50,923	69,188	18,265	
	1929	615	6,535	8,132	75,016	97,698	22,681	31,297
	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
	1923	489	5,146	6,211	33,673	47,321	13,648	16,458
Nebraska	1931	1,278	23,522	28,351	214,939	294,095	79,157	
	1929	1,491	28,212	36,881	364,175	484,168	119,994	169,210
	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
	1923	1,379	31,267	39,761	314,027	415,057	101,030	120,999
Kansas	1931	1,578	36,042	43,720	273,655	397,788	124,133	
	1929	1,916	47,373	63,348	546,247	751,613	205,367	298,487
	1927	1,767	45,368	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
	1923	1,786	51,255	65,056	444,420	695,030	150,610	255,555
South Atlantic:								
Delaware	1931	383	17,202	18,830	46,199	91,143	44,944	
	1929	460	23,552	29,063	80,491	149,642	69,151	114,961
	1927	446	21,324	25,222	69,033	129,900	60,867	103,166
	1925	419	20,704	25,072	70,622	125,406	54,784	107,391
	1923	453	23,116	27,369	70,736	128,951	58,216	112,485
Maryland	1931	2,851	107,951	107,985	365,087	669,275	304,189	
	1929	3,231	131,099	148,835	696,986	1,119,082	422,097	659,823
	1927	3,205	126,700	141,903	564,120	943,411	379,290	579,713
	1925	3,184	125,787	138,591	568,591	926,252	357,960	544,558
	1923	3,168	128,826	136,286	569,035	903,446	334,411	497,945
Dist. of Columbia	1931	492	8,668	14,062	29,525	79,458	49,933	
	1929	547	9,752	15,513	36,200	88,973	52,773	44,916
	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	37,508
	1923	600	9,823	14,796	32,870	73,108	40,238	31,846
Virginia	1931	2,275	103,045	90,559	258,841	611,524	352,683	
	1929	3,287	120,273	118,089	365,824	745,910	380,086	646,251
	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
	1923	2,743	111,578	104,680	304,493	548,153	243,661	431,237

No. 739.—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	1931	1,125	64,702	73,916	147,669	310,536	162,866	
	1929	1,488	85,326	115,295	261,398	513,012	251,615	650,199
	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
	1923	1,487	85,661	109,937	259,151	479,510	220,359	371,699
North Carolina	1931	2,557	179,282	118,684	[1][2]642,527	1,026,565	[1]384,038	
	1929	3,707	209,826	160,868	618,912	1,311,924	[3]693,013	839,945
	1927	2,984	204,590	158,394	560,819	1,154,647	[3]593,827	810,798
	1925	2,614	182,234	134,237	550,707	1,050,434	[3]499,727	666,861
	1923	2,670	173,687	127,538	516,149	951,911	[3]435,762	606,397
South Carolina	1931	1,044	87,010	50,926	116,154	225,503	109,349	
	1929	1,659	108,777	73,223	226,542	385,892	159,351	527,326
	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
	1923	1,180	96,802	64,753	221,240	360,446	139,206	407,735
Georgia	1931	2,851	119,531	74,918	257,445	440,425	182,981	
	1929	4,179	158,774	110,435	427,805	722,454	294,649	641,899
	1927	3,175	154,168	108,118	360,262	609,918	249,656	565,899
	1925	2,876	141,173	99,210	399,351	648,852	249,501	523,334
	1923	3,058	137,476	92,144	381,769	604,453	222,684	449,888
Florida	1931	1,677	50,123	34,439	68,311	157,074	88,763	
	1929	2,212	64,868	54,582	96,898	232,386	135,488	192,695
	1927	1,912	61,219	56,672	91,716	218,790	127,075	177,580
	1925	1,863	66,204	65,780	113,796	267,009	153,213	144,161
	1923	1,690	65,047	52,357	83,188	188,258	105,071	138,269
East South Central:								
Kentucky	1931	1,621	56,229	54,432	152,360	298,324	145,964	
	1929	2,246	77,825	88,644	266,559	502,639	236,080	354,740
	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
	1923	1,975	76,724	82,648	242,410	427,094	184,684	251,554
Tennessee	1931	1,948	92,660	74,056	233,722	446,182	212,460	
	1929	2,855	128,490	115,877	407,611	730,509	322,898	606,704
	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
	1923	2,307	105,504	92,482	334,111	555,266	221,154	391,465
Alabama	1931	1,639	84,630	61,568	172,184	323,234	151,050	
	1929	2,848	119,559	102,005	302,253	560,378	258,125	785,330
	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	697,998
	1923	1,996	109,620	95,205	323,666	541,729	218,063	640,892
Mississippi	1931	917	28,907	18,919	57,200	103,286	46,086	
	1929	1,911	52,086	42,208	113,592	220,918	107,325	252,580
	1927	1,333	50,569	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
	1923	1,235	54,352	40,019	87,888	178,582	90,693	177,693
West South Central:								
Arkansas	1931	1,017	25,161	19,023	53,871	98,323	44,452	
	1929	1,731	44,205	39,503	116,648	210,903	94,255	223,034
	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
	1923	1,231	44,545	37,770	90,709	172,541	81,832	165,154
Louisiana	1931	1,609	57,090	47,949	253,856	384,970	131,113	
	1929	1,989	87,345	83,887	438,540	685,037	246,497	480,404
	1927	1,624	82,415	79,673	427,994	638,361	210,367	415,682
	1925	1,742	88,058	79,763	465,426	710,050	244,624	410,298
	1923	1,781	94,719	83,031	407,414	624,683	217,268	402,938
Oklahoma	1931	1,322	22,576	26,271	150,349	218,722	68,373	
	1929	1,658	31,695	41,277	306,501	455,905	149,404	223,257
	1927	1,373	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
	1923	1,242	25,489	33,069	230,263	315,208	84,946	152,956

[1] Revised; revision not carried into United States and division totals.
[2] Includes internal-revenue tax paid by tobacco manufacturers amounting to $237,019,000. Figures for earlier years exclude such data.
[3] Figures include internal-revenue tax paid by tobacco manufacturers.

No. 739.—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	1931	4,326	94,867	99,061	572,282	845,217	272,935	
	1929	5,198	134,498	151,827	989,940	1,450,246	460,307	822,860
	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
	1923	3,693	102,358	111,462	647,452	979,192	331,740	548,299
Mountain:								
Montana	1931	475	9,590	12,680	73,776	103,731	29,955	
	1929	589	14,869	24,215	209,845	271,094	61,249	197,781
	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
	1923	679	15,943	24,540	128,702	174,874	46,172	190,516
Idaho	1931	439	9,393	11,276	32,836	55,788	22,952	
	1929	562	15,648	22,452	51,864	96,352	44,489	105,787
	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
	1923	510	16,347	22,886	43,134	87,429	44,295	72,146
Wyoming	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	85,368	21,627	40,191
	1925	224	6,333	10,526	76,073	107,985	31,911	28,721
	1923	246	7,510	12,502	69,695	110,632	40,937	28,959
Colorado	1931	1,359	24,788	29,635	107,131	183,469	76,338	
	1929	1,548	32,890	43,640	183,740	306,071	122,331	233,726
	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
	1923	1,377	31,226	40,653	150,093	255,190	105,097	176,076
New Mexico	1931	196	2,842	3,575	6,971	13,269	6,298	
	1929	250	4,476	5,565	10,419	21,697	11,278	23,147
	1927	200	4,053	5,421	10,056	20,183	10,127	21,467
	1925	200	4,029	5,083	9,684	19,459	9,774	18,842
	1923	186	5,459	6,484	9,954	20,422	10,468	16,863
Arizona	1931	202	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
	1923	283	9,008	12,635	80,993	123,377	42,384	128,531
Utah	1931	578	10,762	12,511	63,818	96,006	32,188	
	1929	651	15,601	19,699	157,902	214,629	56,727	123,737
	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
	1923	585	14,945	18,344	114,183	161,607	47,424	78,733
Nevada	1931	108	1,562	2,516	7,057	10,891	3,835	
	1929	123	2,200	3,585	25,652	33,717	8,065	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
	1923	104	3,365	5,348	12,388	22,243	9,855	27,983
Pacific:								
Washington	1931	2,897	71,014	83,917	223,835	418,922	195,086	
	1929	3,072	114,830	160,671	428,413	795,562	367,149	814,891
	1927	3,344	104,408	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
	1923	3,029	111,663	156,435	372,044	678,543	306,499	693,330
Oregon	1931	1,709	42,267	47,504	120,888	231,880	110,993	
	1929	2,463	65,505	86,829	205,227	411,769	206,542	418,324
	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
	1923	1,909	62,655	81,769	195,922	363,715	167,794	322,297
California [4]	1931	10,650	205,126	265,991	1,074,820	1,865,943	791,123	
	1929	12,019	290,911	423,099	1,754,158	3,103,350	1,349,191	1,569,086
	1927	10,066	262,816	378,321	1,504,655	2,593,247	1,088,592	1,339,695
	1925	9,638	249,552	350,835	1,474,887	2,442,952	968,065	1,133,310
	1923	9,220	246,154	353,183	1,283,465	2,215,281	931,817	971,315

[4] Data for the motion-picture industry are included in the figures for 1929 and earlier years, but not in those for 1931. California is the only State in which this industry contributed more than a fraction of 1 per cent of the total value of products. Data for certain items in this industry are shown for 1929 and 1931 in footnote 1, Table 740.

Source: Bureau of the Census, Department of Commerce.

No. 740.—MANUFACTURES FOR INDUSTRIAL AREAS

NOTE.—The term industrial area signifies an area having and comprising the county in which the city is located, in which there is great co... counties are as follows: Al... selaer, and Schenectady ... and Baltimore Count... ...nd New Haven Counties; Buffalo ... Lake, and Will Counties, Ill., and ... Marion County; Kansas City area—Clay and Jackson Counties, M... Los Angeles area—Los Angeles County; Milwaukee area—Kenosh... ...ul area—Dakota, Hennepin, and Ramsey Cou... ... Queens, Richmond, and Westchester Counties, N.Y., and Bergen, Essex, Hudson, 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, ... Counties; Providence-Fall River-New Bedford area—Providence County, R. I., ... Mass.; Reading area—Berks ...; St. Louis ... and St. Louis County, Mo.; San Francisco-Oakland area—Alameda, Contra Costa, Marin, Scranton-Wilkes-Barre area—Lackawanna and Luzerne Counorce Counties ... area—Hampden County; rea—Brooke, ... ounties, W. Va., and Belties, Ohio; Worcester area—Worcester County; Youngstown 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	
	1929	1931	1929	1931	1929	1931	1929	1931
United States	8,838,743	6,523,028	11,620,973	7,185,971	70,434,363	41,350,485	31,885,284	19,866,787
Total for areas [1]	4,955,839	3,669,715	7,217,233	4,464,492	43,720,476	25,608,791	20,107,500	12,533,315
Akron area	67,298	42,995	107,254	55,092	599,053	325,270	281,393	190,310
Albany - Schenectady - Troy area	63,112	45,042	90,807	52,497	367,472	199,429	187,722	113,643
Allentown - Bethlehem area	58,483	44,809	76,490	45,584	396,185	209,785	191,019	102,422
Baltimore area	99,601	81,576	119,017	86,723	949,853	568,985	343,016	246,912
Boston area	285,652	228,134	371,695	264,102	1,950,418	1,310,199	973,869	677,198
Bridgeport - New Haven-Waterbury area	136,147	102,026	180,875	108,455	802,311	463,274	444,400	269,261
Buffalo area	115,212	78,614	171,674	99,953	1,157,752	689,217	493,502	301,692
Chicago area	550,903	382,852	869,218	500,331	5,558,331	3,097,673	2,548,490	1,488,673
Cincinnati area	114,068	80,264	157,584	93,780	933,291	543,306	439,058	253,885
Cleveland area	176,840	121,962	276,161	146,315	1,505,490	763,007	735,276	376,017
Dayton area	42,591	31,770	64,793	38,579	330,319	213,490	211,429	138,202
Detroit area	293,252	209,188	511,639	276,348	2,844,610	1,557,654	1,229,694	759,538
Hartford area	65,482	48,521	89,977	50,999	351,491	183,795	228,723	118,098
Indianapolis area	51,117	35,293	67,713	38,915	428,362	243,056	189,918	117,784
Kansas City (Missouri and Kansas) area	48,332	37,433	63,705	44,849	741,238	399,797	229,900	134,421
Los Angeles area [1]	106,444	79,034	156,252	103,399	1,190,112	709,480	505,232	312,323
Milwaukee area	144,760	96,014	211,345	103,113	1,166,494	579,353	550,269	284,484
Minneapolis-St. Paul area	65,148	52,340	84,462	61,269	709,829	442,767	274,836	185,210
New York City area	918,206	715,090	1,416,881	980,757	9,424,295	6,165,428	4,510,597	3,160,358
Philadelphia area	376,009	293,409	510,541	340,180	2,981,046	1,874,935	1,431,487	939,780
Pittsburgh area	227,221	159,116	357,075	192,415	2,015,399	933,223	856,661	404,143
Providence-Fall River-New Bedford area	184,895	142,017	203,019	135,954	898,410	536,693	436,835	280,322
Reading area	47,350	38,726	61,879	38,287	229,028	128,615	124,831	70,421
Rochester area	63,248	47,117	88,898	54,542	420,611	270,316	252,737	174,555
St. Louis area	154,321	118,334	198,008	127,828	1,541,954	894,631	623,081	386,682
San Francisco-Oakland area	93,797	70,568	138,059	95,891	1,165,683	766,787	463,059	309,001
Scranton-Wilkes-Barre area	42,268	35,829	41,516	30,796	185,952	119,762	92,759	67,037
Seattle-Tacoma area	47,449	30,816	66,055	37,984	389,775	204,318	161,956	89,006
Springfield-Holyoke area	54,208	39,048	70,848	44,212	341,184	199,236	179,824	118,569
Toledo area	53,996	31,990	79,926	36,134	479,336	214,230	212,838	96,280
Wheeling area	45,906	34,342	70,729	44,505	319,433	199,318	140,067	88,438
Worcester area	83,620	65,111	105,060	69,166	462,225	279,034	243,517	149,755
Youngstown area	78,903	50,335	138,077	65,540	823,533	341,722	319,505	128,893

[1] Revised to exclude data for the motion-picture industry as follows: Wage earners, 1929, 8,086, 1931, 11,169; wages, 1929, $19,560,000, 1931, $63,243,000; value of products, 1929, $129,274,000, 1931, $119,416,000; value added by manufacture, 1929, $103,816,000, 1931, $98,758,000. Prior to the 1931 census, this industry was treated as manufacturing and is included in the United States totals for 1929.

Source: Bureau of the Census, Department of Commerce.

No. 741.—INDEXES OF PRODUCTION OF MANUFACTURES AND MINERALS

NOTE.—The manufactures index covers 49 industries and the minerals index 8, prior to 1932. Indexes for 1932 and 1933 exclude copper, data for which are not available for those years, and are, therefore, not strictly comparable with figures for earlier years. Both indexes have been adjusted for seasonal variations and for the number of working days in the month

[Monthly average 1923–1925=100]

Month	Manufactures							Minerals						
	1927	1928	1929	1930	1931	1932	1933	1927	1928	1929	1930	1931	1932	1933
January	106	107	120	105	83	71	63	115	103	116	110	89	77	73
February	107	110	118	107	86	68	61	117	102	119	108	87	78	79
March	108	109	120	104	87	64	56	120	105	109	98	89	85	81
April	108	109	122	104	87	61	65	106	105	114	104	91	80	72
May	110	108	123	101	87	59	77	109	106	117	104	87	67	78
June	108	109	127	97	82	58	93	106	102	114	102	87	64	84
July	107	110	125	92	82	57	101	101	102	116	100	86	65	90
August	106	111	122	88	78	59	91	106	105	115	96	79	65	91
September	104	114	121	89	75	66	83	104	107	118	94	78	71	87
October	102	116	118	86	71	65	76	103	111	116	95	83	74	81
November	101	118	110	85	71	63	71	102	114	110	92	81	75	81
December	102	120	101	82	72	64	73	102	111	116	93	84	77	85

No. 742.—MANUFACTURING PRODUCTION: INDEXES FOR GROUPS OF INDUSTRIES

NOTE.—**Monthly average 1923–1925=100.** The monthly figures are adjusted for the varying number of working days in each month and for the normal seasonal variations. 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	Nonferrous metals	Petroleum refining	Rubber tires and tubes	Tobacco products
1921	67	46	87	83	70	72	41	90	66	39	64	55	85
1922	86	82	99	94	85	87	66	102	76	69	74	77	89
1923	101	105	105	99	94	101	102	108	92	94	86	86	96
1924	94	89	91	103	99	98	91	95	100	99	99	98	99
1925	105	106	104	98	107	101	107	97	108	107	115	116	105
1926	108	113	104	97	114	98	108	99	110	112	127	116	112
1927	106	104	113	96	112	92	86	103	115	109	136	120	118
1928	112	119	107	98	119	91	110	102	118	115	152	144	124
1929	119	130	115	97	125	91	135	104	114	125	168	135	134
1930	95	94	91	93	113	64	85	92	108	97	161	100	131
1931	80	60	94	90	106	41	60	90	84	69	155	96	123
1932	63	31	83	87	91	25	35	85	51	[2]	140	78	111
1933	76	53	97	92	95	32	49	97	42	[2]	145	88	116
1932													
January	71	43	89	93	101	26	45	83	65	[2]	140	92	124
February	68	41	86	90	98	22	35	87	56	[2]	141	85	114
March	64	34	82	84	99	26	28	90	53	[2]	136	73	109
April	61	32	65	91	93	27	35	87	46	[2]	144	70	109
May	59	29	59	89	90	28	45	82	46	[2]	146	72	110
June	58	26	63	82	85	26	47	79	52	[2]	146	107	118
July	57	25	69	82	86	25	33	74	50	[2]	141	89	114
August	59	23	90	85	84	23	23	81	48	[2]	135	68	108
September	65	28	104	94	88	23	24	91	54	[2]	133	64	111
October	66	31	99	89	91	24	16	93	55	[2]	137	68	104
November	63	31	92	83	87	21	31	92	53	[2]	138	73	104
December	64	28	91	84	86	23	60	85	43	[2]	132	67	112
1933													
January	63	30	87	88	84	26	48	86	38	[2]	132	59	113
February	61	31	83	84	84	20	33	92	41	[2]	132	54	115
March	56	22	76	84	82	22	27	84	40	[2]	135	41	99
April	65	35	85	101	85	24	43	93	35	[2]	140	65	116
May	77	49	108	99	92	30	50	110	42	[2]	147	94	143
June	93	72	133	100	101	38	65	114	51	[2]	154	115	135
July	101	100	130	100	111	46	69	116	56	[2]	155	143	117
August	91	80	114	95	106	46	61	102	50	[2]	153	111	123
September	83	66	99	105	104	36	55	92	37	[2]	157	103	115
October	76	61	91	85	99	33	45	93	35	[2]	152	90	108
November	71	47	89	92	95	30	30	92	39	[2]	145	97	95
December	73	61	78	86	97	32	46	94	36	[2]	137	108	123

[1] Includes data for some industries not shown separately in this table. Figures for 1932 are not strictly comparable with those for earlier years owing to the exclusion of copper (smelted), data for which are not available.

[2] Data not available.

Source of Tables 741 and 742: Federal Reserve Board.

No. 743.—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)		
		1927	1929	1931	1927	1929	1931
COTTON-GOODS AND SMALL-WARES[1]							
Total value					1,608,941	1,579,792	842,306
Sheetings	Sq. yard	1,857,476	1,693,167	1,359,686	167,888	146,181	76,906
Print cloth	do	1,583,861	1,703,025	1,586,339	109,826	121,423	74,505
Voiles	do	151,654	157,449	124,364	15,012	13,407	8,201
Lawns, nainsooks, cambrics, and similar muslins.	do	272,454	226,554	181,897	32,101	25,419	15,080
Reps, poplins, and broadcloths	do	264,725	308,620	357,465	37,656	40,555	31,815
Pajama checks, dimities, and similar fabrics	do	114,813	122,109	37,803	10,198	13,085	2,362
Tobacco, cheese, butter, bunting and bandage cloths.	do	660,424	617,411	587,147	19,298	18,100	9,776
Ginghams	do	290,619	147,120	56,313	37,129	17,717	4,611
Shirtings	do	378,530	317,046	273,178	55,437	45,771	24,350
Drills	do	347,776	324,041	184,646	40,668	39,701	15,132
Twills and sateens	do	413,997	284,117	201,434	50,336	37,441	16,774
Denims	do	254,118	249,891	202,111	49,792	49,256	25,277
Tickings	do	59,283	42,411	32,416	10,359	9,280	3,908
Osnaburgs	do	164,976	145,745	109,081	17,900	18,210	8,059
Napped fabrics	do	400,097	323,140	288,073	55,386	48,329	27,017
Cottonades and cotton worsteds	do	32,697	34,838	44,968	8,150	8,357	8,843
Tire duck	do	35,474	22,277	15,915	11,343	6,846	3,279
Ducks (*except tire*)	do	*218,505*	*223,926*	*136,577*	*57,929*	*64,184*	*24,756*
Tire fabrics (except tire duck)	Pound	167,188	233,129	123,561	69,631	104,875	37,971
Tapestries	Sq. yard	18,619	9,810	9,188	16,612	12,995	7,242
Plushes, velvets, velveteens	do	42,689	52,868	23,794	45,710	40,946	15,898
Corduroys	do	23,171	27,134	15,702	8,677	9,501	3,982
Towels, toweling, and washcloths.	do	169,997	169,694	158,378	42,611	33,037	24,108
Cotton table damask	do	33,523	35,868	20,524	6,751	8,383	3,651
Blankets	do	107,263	94,061	71,989	29,452	25,392	12,721
Bedspreads and quilts	do	71,283	52,902	55,927	18,950	16,396	8,643
Bags made from fabric woven by establishment.	do	17,558	10,486	3,400	3,271	2,032	712
Small wares					62,156	65,494	40,303
Yarns for sale	Pound	664,335	647,725	414,463	253,664	253,349	111,873
Thread	do	29,992	25,250	19,576	46,409	37,100	29,153
Batting, wadding, and mattress felts.	do	129,836	149,481	114,324	16,304	19,407	12,241
Cotton waste for sale	do	484,416	443,916	315,808	26,809	32,570	19,641
Other cotton products					175,524	195,052	142,517
LACE GOODS							
Total value					24,360	27,931	17,086
Nottingham lace curtains	Pair	5,661	6,113	4,518	10,798	11,250	6,868
Nottingham lace curtain nets	Lin. yard	19,197	14,313	6,282	5,518	4,675	1,831
Levers laces					6,263	8,756	7,305
Other lace products					1,781	3,250	1,083
KNIT GOODS							
Total value					801,427	881,176	573,630
Hosiery, except infants'[2]	Doz. pair	103,167	111,191	96,204	440,573	500,382	313,922
Infants' hose	do	6,839	6,175	5,529	13,021	11,244	7,689
Shirts and drawers	Dozen	8,619	8,802	7,959	38,961	37,670	25,258
Union suits	do	9,786	8,891	6,888	83,685	70,837	40,452
Bathing suits	do	*740*	*1,021*	*963*	*15,857*	*22,094*	*12,859*
Sweaters, sweater coats, jerseys, etc	do	3,781	4,807	4,032	74,643	89,429	56,077
Headwear, except infants'	do	700	783	1,078	3,877	3,783	3,279
Neckties	do	1,810	628	131	5,853	1,717	327
Dresses and suits	Number	868	1,023	2,906	6,252	11,160	20,689
Jersey cloth and tricollette	Sq. yard	[3]42,564	75,521	108,340	[3]34,971	45,375	31,523
Glove and shoe linings					4,773	4,655	1,053
Other knit products					78,961	82,840	60,500

For footnotes, see p. 733.

No. 743.—Textile Manufactures: Production—Continued

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
SILK AND RAYON GOODS							
Total value					755,658	737,759	422,457
Broad silk:							
All silk	Sq. yard	385,530	424,607	386,294	376,919	385,773	209,838
Silk mixed	do	127,296	59,452	22,369	108,696	42,210	16,047
Velvets	do	5,484	9,651	7,346	11,909	25,112	12,233
Plushes	do	1,310	1,957	1,879	2,748	3,830	2,091
Upholstery and tapestry	do	3,705	3,403	3,834	8,303	6,122	2,586
Organzine, tram, and crêpe twist for sale.	Pound	11,409	12,121	9,753	70,247	69,740	32,177
Spun silk for sale	do	4,456	3,769	1,914	15,696	12,916	5,269
Machine twist	do	723	515	300	6,474	4,822	1,551
Sewing, embroidery, and other floss silks.	do	659	335	298	5,768	2,864	2,141
Ribbons					36,041	25,008	15,388
Fringes and gimps					7,508	7,839	4,075
Braids and binding					11,285	4,863	2,584
Other silk and rayon products					94,064	146,660	116,477
WOOLEN AND WORSTED GOODS[1]							
Total value					808,208	802,876	479,632
Suitings, dress goods, overcoatings, and cloakings.[4]	Sq. yard	414,320	354,295	295,005	459,453	432,258	268,659
All-wool woolen	do	136,635	135,354	116,352	167,484	155,938	94,858
All-wool worsted	do	173,754	166,211	146,742	231,998	238,669	155,044
Wool and cotton mixed	do	30,433	52,730	31,911	20,844	37,651	18,757
Cotton-warp woolen	do	46,609			24,785		
Cotton-warp worsted	do	26,889			14,342		
Domett flannels and shirtings	do	8,413	14,899	7,061	3,627	5,778	1,960
Satinets and linseys	do	3,974			1,282		
Blankets, all-wool	do	17,295	18,095	15,568	12,359	15,831	10,542
Horse blankets	do	1,069	394	211	631	212	93
Yarns for sale	Pound	145,763	159,473	141,763	184,024	199,758	129,144
Noils and wool waste for sale	do	48,520	46,368	35,594	18,526	15,597	7,242
Other woolen and worsted goods.					128,306	133,442	61,992
FELT GOODS[1]							
Total value					39,015	42,294	26,580
Felt cloths	Pound	6,401	7,075	5,022	15,009	17,113	11,657
Trimming and lining felts	do	3,708	6,147	4,483	3,122	3,889	2,497
Shoe and slipper felts	do	5,119	5,148	3,923	5,296	2,982	931
Boot and shoe linings	do	1,723	1,607	1,121	1,165	1,183	901
Hair felting	do	31,095	65,106	50,215	6,075	17,127	10,594
All other felts	do				8,348		
HATS, WOOL-FELT							
Total value					7,767	8,031	4,888
Hats	Dozen	377	400	177	5,033	4,410	1,905
Hat bodies and hats in the rough.	do	379	501	745	2,734	3,621	2,982
CARPETS AND RUGS							
Total value					163,289	174,286	86,942
Carpets	Sq. yard	16,872	27,385	13,395	40,778	61,788	25,732
Rugs, made of sewed strips	do	9,340	3,720	1,338	35,106	14,410	4,007
Rugs, woven whole	do	41,021	42,306	29,448	87,405	98,089	57,203
WOOL SHODDY							
Total value					10,737	13,354	5,197
Recovered wool fiber	Pound	41,149	60,108	34,514	10,737	13,354	5,197
HATS, FUR-FELT							
Total value					93,025	95,278	55,586
Hats	Dozen	2,013	1,770	1,306	73,084	70,809	39,899
Hat bodies and hats in the rough.	do	1,233	1,534	1,474	19,941	24,469	15,688

For footnotes, see p. 733.

No. 743.—Textile Manufactures: Production—Continued

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
CORDAGE AND TWINE AND JUTE AND LINEN GOODS							
Total value					130,004	135,989	67,445
Rope, cable, and cordage:							
Manila hemp	Pound	105,614	114,476	62,550	22,607	22,171	9,425
Sisal	do	30,712	27,381	22,380	4,439	3,972	2,269
Henequin	do	12,992	16,120	7,016	1,840	2,447	798
Cotton	do	27,404	28,096	20,842	7,602	8,299	4,115
Jute	do	12,256	35,827	18,685	1,884	4,860	1,944
Other	do	43,673	5,787	3,075	6,270	924	436
Twine, binder [5]	do	169,795	178,605	134,256	19,457	18,395	11,458
Twine, cotton	do	64,208	85,988	48,863	20,160	28,991	10,308
Twine, other	do	74,065	91,091	70,798	12,813	15,203	9,018
Yarns for sale	do	88,539	97,935	59,448	15,742	15,467	7,402
Linen thread	do	2,708	3,103	2,114	4,211	4,510	2,388
Linen woven goods	Sq. yard		9,430	10,100	3,552	3,365	2,885
Jute bagging	do	48,272	27,863	31,463	5,200	3,129	1,996
Other products					4,227	4,257	3,003
FLOOR COVERING AND OILCLOTH							
Total value					95,702	109,337	54,543
Oilcloth (cotton back)	Sq. yard	105,284	125,677	92,703	18,763	23,649	13,506
Linoleum (jute back)	do	49,921	48,272	20,372	42,039	48,744	19,408
Floor covering (felt back)	do	111,793	117,970	87,576	34,900	36,943	21,629
ARTIFICIAL LEATHER							
Total value					29,165	31,346	15,025
Pyroxylin coated	Sq. yard	49,651	65,029	36,993	24,455	30,441	13,344
Other than pyroxylin coated	do	10,025	862	1,968	4,089	891	1,153
Kind not specified					622	14	528

[1] Figures fc [illegible] 1931; data for the several classes made as secondary [illegible] but not for 1927.
[2] Excludes [illegible] nit products."
[3] Excludes cotton jersey which is included with "Other knit products."
[4] 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."
[5] Not including binder twine made in penal institutions as follows: For 1927, 57,808,454 pounds; 1929, 47,322,550 pounds; 1931, 52,161,200 pounds.

Source: Bureau of the Census, Department of Commerce.

No. 744.—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 738, p. 713. Data for 1923 to 1933 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 per cent for 1929 to 1933

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
1921	286,771	69,458	18,462	101,474	35,066	17,379	5,547	8,602	30,784
1923	351,114	100,283	22,239	109,676	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	8,301	38,808
1928	344,351	90,970	23,032	123,753	37,135	23,835	1,547	8,760	40,319
1929	361,402	94,770	22,993	131,303	39,927	23,750	1,768	8,121	43,770
1930	304,170	77,147	18,530	112,629	32,037	18,558	1,728	2,593	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	6,132	50,256
1933	350,382	88,821	19,944	130,742	33,180	18,578	1,316	4,637	53,163

[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. 745.—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	22,321	13,877	42,486	33,089	1930	17,676	14,173	55,444	30,392
1926	21,482	15,744	49,775	31,665	1931	16,235	12,439	48,639	32,429
1927	21,835	16,986	50,735	36,062	1932	14,583	11,579	37,010	27,560
1928	20,205	15,618	54,854	38,724	1933	17,057	13,080	44,312	35,093
1929	19,148	15,368	55,687	38,980					

No. 746.—LEATHER: PRODUCTION BY PRINCIPAL KINDS

NOTE.—For value of products of the tanning industry see Table 738, p. 713

Kind	1925	1926	1927	1928	1929	1930	1931
Sole leather, cattle...1,000 backs, bends, sides	14,879	13,615	15,829	16,138	14,516	15,513	12,755
Belting leather...1,000 butts and butt bends	809	858	929	847	990	822	532
Harness leather...1,000 sides	1,288	1,169	1,016	813	642	506	358
Bag, case, and strap leather...do	1,175	1,183	1,105	812	947	751	624
Upholstery leather: [1]							
Whole-hide grains...1,000 hides	463	405	354	321	273	186	201
Machine buffed...do	163	196	148	149	141	53	47
Whole-hide splits...1,000 pieces	832	807	938	709	672	388	393
Upper leather (other than patent): [1]							
Cattle (including kip side)...1,000 sides	15,338	15,476	13,459	11,485	12,610	11,112	12,084
Calf and kip...1,000 skins	13,621	14,943	16,150	14,975	14,541	13,589	12,030
Goat and kid...do	40,887	48,415	49,417	52,862	54,355	54,451	47,980
Cabretta...do	2,412	2,344	1,551	2,064	1,672	1,972	1,770
Sheep and lamb...do	14,124	13,973	14,849	16,952	17,752	10,955	12,307
Patent leather (other than upholstery): [1]							
Cattle (including kip side)...1,000 sides	8,628	7,459	8,388	7,831	5,954	4,626	4,501
Horse and colt...1,000 half fronts	684	610	416	425	271	124	110
Goat and kid...1,000 skins	991	504	430	734	302	495	159
Glove and garment leather: [1]							
Horse, colt, ass, and mule—							
Half fronts...thousands	1,146	1,009	1,459	1,500	1,857	2,170	1,646
Shanks...do	1,011	1,143	1,154	1,301	1,420	1,497	1,523
Cabretta...1,000 skins	1,678	2,071	1,820	1,014	1,066	1,155	1,352
Sheep and lamb...do	5,326	5,297	7,576	9,026	8,633	9,298	10,934
Fancy and bookbinders' leather: [1]							
Sheep and lamb...1,000 skins	1,984	2,369	2,825	3,201	2,618	1,912	2,044
Goat and kid...do	541	664	717	1,116	889	398	422
Splits (other than upholstery) finished and rough...1,000 side splits	24,023	24,617	24,645	21,945	22,465	19,315	17,666

[1] Figures shown for principal kinds only.

No. 747.—RUBBER PRODUCTS

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
Total value					1,226,479	1,111,631	612,412
Tires and inner tubes:							
Pneumatic—							
Motor-vehicle	Number	134,405	143,808	98,309	739,070	654,103	358,997
Motor cycle and bicycle	...do	3,046	3,737	2,835	3,695	3,634	2,411
Solid and cushion—							
Truck	...do		424	112	36,768	14,897	4,055
All other	...do					4,276	1,403
Boots, rubber	Pair	5,362	5,454	1,971	16,746	16,141	4,775
Shoes and overshoes, rubber	...do	71,577	51,357	27,145	90,994	64,883	26,378
Shoes, canvas, with rubber soles	...do	28,810	43,954	28,082	25,456	30,335	17,155
Heels, for sale as such	...do	318,346	292,719	248,257	25,504	17,927	11,648
Soles, *including composition or fiber*	...do	40,820	46,189	59,609	9,341	8,960	8,388
Rubberized fabrics, sold as such or on hand:							
Automobile and carriage	Yard	17,363	22,408	10,425	11,048	11,864	5,398
All other	...do	38,445	70,560	53,574	15,493	17,890	12,255
Belting					21,947	25,776	13,608
Hose and tubing					41,472	40,932	22,114
Packing	Pound	15,019	17,923	9,266	4,853	5,033	2,209
Druggists' and stationers' sundries					15,732	16,894	12,333
Hard-rubber goods					18,891	17,937	11,457
All other manufactures of rubber					122,096	136,242	87,846
Reclaimed rubber	Pound	330,436	363,696	216,509	27,373	23,906	9,985

Sources: Table 745, Tanners' Council of America; Tables 746 and 747, Bureau of the Census, Department of Commerce.

No. 748.—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 establishment. 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

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
Total value					610,143	758,815	548,621
Acids:							
Acetic (dilute and glacial)	Pound	[1] 46,297	[1] 66,364	[1] 62,586	5,049	6,890	3,537
Boric (boracic)	do	21,010	26,055	18,128	1,583	1,541	970
Carbonic (carbon dioxide CO_2)	do	74,344	136,930	[2] 153,575	6,048	6,932	6,226
Citric	do	7,058	10,755	8,331	3,151	4,833	3,060
Hydrochloric (muriatic)	Ton	162	[1] 63	[1] 41	3,016	3,195	2,422
Mixed (sulphuric-nitric)	do	61	64	38	3,821	4,214	1,800
Nitric	do	29	[1] 33	[1] 31	3,569	3,495	3,382
Oleic	Pound	55,686	56,948	29,946	4,778	5,375	1,872
Phosphoric	do	22,397	34,674	[3] 19,096	1,682	2,073	761
Stearic	do	37,277	39,154	24,893	3,832	5,488	2,057
Sulphuric (basis 50° B)	Ton	4,972	5,816	4,230	42,386	45,573	33,075
Sulphuric, reclaimed (50° B)	do	191	381	356	1,089	1,389	1,320
Tannic	Pound	1,297	1,449	667	593	504	251
Tartaric	do	5,781	4,906	5,181	1,811	2,060	1,463
Other					5,278	5,057	4,236
Aluminum compounds and alums:							
Aluminum sulphates	Ton	314	345	309	8,013	8,039	6,672
Aluminous abrasives	do	20	33	7	1,970	3,446	1,152
Other					3,580	4,464	2,937
Coal-tar products:							
Crudes [4]					24,862	26,370	20,778
Intermediates					22,845	25,594	18,907
Finished products					58,350	78,688	63,403
Nitrogen compounds:							
Ammonia (aqua and liquor)	Pound	46,225	[5] 30,200	[5] 18,831	1,260	1,784	1,032
Ammonia (anhydrous)	do	45,115	173,349	127,099	4,011	10,673	8,044
Other ammonium compounds					6,325	3,507	3,419
Cyanogen compounds—							
Ferric ferrocyanide (Prussian blue)	Pound	4,104	4,803	3,507	1,365	1,446	1,134
Other					4,946	6,337	4,590
Nitrous oxide (laughing gas)	Gallon	66,392	109,812	94,607	810	1,196	923
Other					7,369	13,393	14,342
From coke-oven operations not included in total value (Bureau of Mines)—							
Ammonium sulphate	Pound	1,225,625	1,350,154	905,245	23,905	24,174	11,469
Liquor (NH_3 equivalent)	do	49,011	51,762	33,982	2,335	2,687	1,390
From the manufactured-gas industry not included in total value—							
Ammonium sulphate	do	56,078	92,827	112,719	1,256	1,728	1,456
Ammonia (NH_3)	do	14,795	13,010	9,673	498	446	265
Plastics:							
Pyroxylin	do	16,298	16,991	12,008	14,410	17,266	11,114
Finished articles of pyroxylin					6,801	10,522	6,545
Other					6,992	11,946	10,188
Potassium compounds:							
Bitartrate (cream of tartar)	Pound	7,595	7,853	6,881	1,747	1,931	1,572
Iodide	do	528	444	380	1,397	1,487	1,291
Other					5,662	6,580	5,250
Sodium compounds:							
Bichromate and chromate	Ton	31	39	25	3,780	5,137	3,162
Borate (borax)	do	65	92	80	5,079	3,280	2,432
Carbonates—							
Soda ash	do	1,466	1,814	1,509	29,939	34,649	22,493
Sal soda	do	55	58	50	1,371	1,523	1,319
Bicarbonate	do	121	140	128	3,647	4,062	3,731
Caustic (hydroxide)	do	547	725	634	29,193	36,089	26,565
Repacked caustic [6]	do	21	17	23	4,128	3,612	3,857
Hydrochlorite	do	15	27	32	1,141	2,016	2,574
Phosphates	do	96	146	146	6,985	8,965	8,146
Silicate (basis 40°)	do	505	590	664	6,826	7,179	7,502
Sulphates—							
Salt cake	do	175	170	99	2,787	2,015	1,528
Glauber's salt	do	53	62	49	1,082	1,112	847
Hyposulphite (thiosulphate)	do	24	25	24	993	906	969
Niter cake (bisulphate)	do	121	83	31	625	1,023	504
Sulphide	do	38	33	23	1,692	1,407	1,033
Other					14,611	24,680	21,869

[1] Basis 100 per cent. [2] Includes approximately 80,000,000 pounds piped to plants making "Dry ice."
[3] Basis 50 per cent. [4] Does not include by-product crudes made in coke and gas works.
[5] Ammonia (NH_3) content. [6] Purchased in bulk.

No. 748.—Chemicals: Products Made for Sale—Continued

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
Miscellaneous:							
Aluminum metal, primary	Pound	160,000	225,000	177,544	39,266	51,864	37,284
Arsenic—							
Arsenate of calcium	do	27,282	33,064	26,129	1,665	1,860	1,280
Arsenate of lead	do	21,528	30,682	37,974	3,190	3,523	3,674
Barium compounds					1,607	2,234	1,526
Bismuth compounds					938	898	882
Butyl acetate	Gallon	2,342	4,524	4,664	3,613	5,680	3,492
Calcium—							
Acetate	Ton	60	58	26	4,021	4,695	870
Carbide	do	202		128	9,398	(7)	8,024
Chloride	do	[8] 191	[8] 277	[8] 232	4,443	5,947	4,725
Hypochlorite	do	111	93	64	4,148	3,351	2,074
Phosphate	do	34	38	41	4,914	5,557	5,591
Other					2,658	14,728	2,188
Carbon bisulphide	Pound	44,972	71,010	83,045	2,160	2,860	3,200
Carbon tetrachloride	do	17,026	32,713	34,096	1,036	1,728	1,720
Cobalt compounds and alloys					518	770	469
Copper sulphate (blue vitriol)	Pound	56,667	78,669	60,981	2,774	4,345	2,184
Ethyl acetate	Gallon	4,607	10,932	5,457	3,701	9,007	2,450
Ferro-alloys (electric-furnace)	Ton	197	247	146	17,049	28,655	13,200
Glycerin, refined	Pound	89,585	113,140	102,510	19,185	12,716	10,316
Hydrogen peroxide	do	21,443	[9] 8,509	[9] 12,854	1,506	2,372	3,293
Iron sulphate (copperas)	Ton	62	56	31	673	554	280
Silver nitrate	Ounce	4,897	5,647	5,597	1,957	2,016	1,199
Sulphur, refined	Ton	44	78	67	1,799	3,066	2,069
Tin, salts, and compounds					10,583	13,112	6,700
Vanillin	Pound	300	317	172	1,923	1,858	776
All other chemicals					91,216	126,851	98,046
Intergroup duplications					[10] 11,068	[10] 22,375	[10] 27,207

[7] Included in "Other calcium compounds."
[8] Basis 73 to 79 per cent.
[9] Basis 100 volumes.
[10] Because of intergrou[illegible] various products exceeds the total value of all products by this amount. For [illegible] under "Acids" and is also included under "Other nitrogen compounds," [illegible] included under "Coal-tar products" and under "Plastics."

No. 749.—NATURAL DYESTUFFS AND TANNING MATERIALS: Production

Product	Quantity (thousands of pounds)			Value (thousands of dollars)		
	1927	1929	1931	1927	1929	1931
Total value				30,929	33,615	24,091
Natural dyestuffs:						
Extracts (logwood and quercitron)	22,226	21,758	18,469	1,680	2,015	1,314
Other extracts, and ground, chipped, and dry product				389	411	302
Tanning extracts:						
Oak and chestnut	319,155	277,989	232,662	5,671	4,296	3,394
Sumac	5,525	5,279	5,809	277	344	370
Quebracho	124,557	100,067	76,469	3,010	3,229	1,857
Other				2,064	1,937	2,116
Other tanning materials				409	152	98
Mordants				959	1,173	866
Sizes:						
Dextrin	31,917	33,507	25,164	2,093	2,043	1,513
Rosin	157,691	201,290	143,924	5,869	6,108	2,903
Gum, other than rosin	16,042	20,138	22,330	920	1,401	1,211
Starches, glue, and other	30,980	42,361	29,560	2,405	3,612	2,425
Turkey red oil	15,580	24,261	13,550	1,560	2,542	1,291
Softeners	23,331	31,613	33,111	1,798	2,248	1,972
Other assistants				1,825	2,103	2,459

Source of Tables 748 and 749: Bureau of the Census, Department of Commerce.

No. 750.—MISCELLANEOUS INDUSTRIES INVOLVING CHEMICAL PROCESSES: CENSUS STATISTICS OF PRODUCTS

NOTE.—Only major products of a fairly sharply defined character, and in general only those for which [illegible]re available are shown. See also chemicals (Table 748), petroleum refining (Table [illegible] gas (Table 710), etc. Semifinished products made for consumption in the same [illegible]ot included, except where otherwise stated, 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	Quantity (thousands of unit specified)				Value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
BONE BLACK, CARBON BLACK, AND LAMPBLACK							
Total value					**14, 519**	**20, 704**	**10, 230**
Bone black	Pound	59, 359	54, 277	33, 214	2, 524	2, 490	1, 288
Carbon black[1]	do	198, 429	283, 806	280, 907	10, 955	17, 028	8, 621
Lampblack	do	8, 800	10, 765	3, 424	1, 040	1, 185	321
FERTILIZERS							
Total value					**173, 810**	**222, 731**	**140, 718**
Complete fertilizers	Ton	5, 088	5, 992	4, 545	128, 380	168, 838	110, 173
Superphosphates, including concentrated phosphates, for sale.	do	2, 435	[2] 2, 531	[2] 1, 968	30, 003	28, 375	20, 678
Other fertilizers	do	600	797	455	15, 427	25, 517	9, 867
PAINT AND VARNISH							
Total value					**527, 109**	**574, 880**	**362, 064**
Pigments, colors, for sale	Pound	1, 773, 889	1, 918, 459	1, 296, 006	105, 756	116, 753	69, 428
Paints in paste form	do	408, 722	401, 546	242, 628	49, 554	45, 666	26, 191
Ready mixed paints	Gallon	94, 071	106, 105	78, 249	165, 964	178, 242	121, 156
Water paints and kalsomine, dry or in paste.	Pound	122, 456	155, 811	122, 823	6, 321	7, 093	5, 265
Plastic paints	do	[3]	[3]	14, 561	[3]	[3]	1, 393
Varnishes, japans, lacquers, enamels, and allied products.					178, 231	204, 881	125, 310
Quantity reported	Gallon	106, 452	126, 874	88, 210	170, 579	196, 511	121, 797
Quantity not reported					7, 652	8, 370	3, 513
Fillers:							
Liquid	Gallon	566	495	204	722	683	236
Paste and dry	Pound	41, 486	30, 613	19, 466	2, 109	1, 954	975
Putty	do	102, 703	99, 163	69, 907	4, 255	4, 253	2, 992
Bleached shellac	do	10, 611	11, 140	10, 731	5, 015	5, 431	2, 619
Stains, varnish	Gallon	2, 413	2, 160	1, 726	4, 712	4, 381	2, 542
Stains, other	do	3, 834	3, 534	3, 038	4, 771	4, 541	3, 957
SOAP							
Total value					**249, 219**	**286, 757**	**238, 062**
Hard soaps	Pound	[4] 2,435, 148	2, 587, 955	2, 572, 895	[4] 212,475	235, 581	197, 185
Toilet soaps	do	[4] 287, 696	324, 384	305, 638	[4] 53, 573	59, 983	53, 064
Soap chips and flakes	do	373, 216	387, 925	351, 077	39, 423	41, 764	30, 353
Laundry and foot soaps	do	1, 502, 183	1, 487, 012	1, 451, 119	93, 092	93, 866	69, 598
Granulated and powdered soaps	do	215, 919	337, 291	421, 804	21, 017	35, 725	40, 977
All other hard soaps	do	56, 133	51, 343	43, 257	5, 371	4, 243	3, 193
Soap powders, including commodities reported as cleansing and washing powders.	do	484, 464	505, 529	[5] 426, 779	24, 024	23, 387	[5] 18, 442
Soft soap	do	79, 773	66, 141	42, 285	4, 231	3, 951	2, 246
Liquid soap	do	24, 934	35, 263	33, 627	3, 240	3, 497	2, 421
Shaving soap, cream, and powder					[3]	10, 794	11, 553
Paste soap	Pound	30, 459	40, 526	31, 623	2, 259	3, 010	1, 976
Special soap articles	do	[6] 33, 250	6, 444	7, 904	[6] 2, 643	766	415
Soap stock or soap base, for sale	do	8, 179	4, 106	8, 978	347	292	547
Soaps not reported by kind	do		49, 513	34, 441		5, 478	3, 275
COMPRESSED AND LIQUEFIED GASES							
Total value					**61, 964**	**71, 293**	**56, 706**
Acetylene	Cu. ft	682, 481	969, 534	742, 898	16, 196	16, 554	12, 912
Chlorine, for sale	Pound	180, 163	289, 855	255, 511	6, 378	7, 113	5, 248
Carbon dioxide (not solid)	do	74, 344	136, 930	[7] 153, 575	6, 048	6, 932	6, 226
Hydrogen	Cu. ft	103, 714	207, 843	493, 518	742	1, 423	957
Oxygen	do	2, 359, 896	3, 140, 095	2, 050, 377	23, 987	23, 410	16, 411
Nitrous oxide (laughing gas)	Gallon	66, 392	109, 812	94, 807	810	1, 196	923
Dry ice (solid carbon dioxide)	Pound	[3]	[3]	94, 954	[3]	[3]	2, 900
Other gases					7, 403	14, 665	11, 129

[1] From reports of the Bureau of Mines.
[2] Basis 16 per cent available phosphoric acid.
[3] Data not reported separately.
[4] Production by establishments in the soap i[illegible] ing soap," valued at $9,392,000, were made by [illegible] to 1931.
[5] Due to a change in classification, figures are not strictly comparable with those for later years.
[6] Includes approximately 80,000,000 pounds piped to plants making "Dry ice."

No. 750.—Miscellaneous Industries Involving Chemical Processes: Census Statistics of Products—Continued

Product	Quantity (thousands of unit specified)				Value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
DRUGGISTS' PREPARATIONS							
Total value					**108,502**	**124,989**	**107,313**
Caffeine	Pound	399	442	372	1,178	1,104	953
Codein	do	9	14	16	1,169	1,986	1,799
Morphine	do	11	8	8	1,391	1,081	856
Other alkaloids and derivatives					3,416	3,858	4,069
Biological products					18,411	16,850	14,821
Tinctures, fluid extracts, medicinal sirups, and other liquid preparations not otherwise accounted for.					38,612	49,486	33,595
Pills, tablets, powders, etc., not otherwise accounted for.					41,745	46,184	47,211
Pharmaceutical metals and their salts					2,580	4,439	4,008
PATENT AND PROPRIETARY MEDICINES							
Total value					**184,073**	**211,840**	**175,800**
For sale to the general public					140,679	154,899	123,393
Ethical specialties (dispensed on prescription).					43,394	56,941	52,407
PATENT AND PROPRIETARY COMPOUNDS							
Total value					**84,132**	**101,913**	**78,076**
Antiseptics					17,864	21,799	22,432
Liquid deodorants	Pound	[8] 6,378	[9] 10,871	[9] 4,893	[8] 1,517	[8] 3,451	[9] 599
Block and crystal deodorants	do	[8] 514	[8] 1,503	[9] 1,032	[8] 380	[8] 961	[9] 612
Powder deodorants	do	[8] 1,672	[8] 1,937	[9] 956	[8] 347	[8] 370	[9] 195
Other deodorants	do	[8] 630	[8] 638	[9] 247	[8] 329	[8] 251	[9] 95
Coal-tar disinfectants	do	23,231	21,774	21,790	3,825	4,637	3,696
Pine-oil disinfectants	do	2,897	1,832	3,002	442	427	614
Chloride of lime and chlorine products	do	1,391	2,836	4,498	124	536	562
Other disinfectants	do	7,284	11,281	3,168	1,698	1,731	540
Germicides					2,238	2,483	1,469
Sprays, fly	Pound	18,408	36,685	32,359	6,101	9,323	9,258
Insect powder (pyrethrum)	do	2,731	5,542	4,739	1,772	2,447	1,851
Fluoride powders and mixtures	do	615	701	905	310	385	416
Moth repellants	do	3,680	2,364	5,206	1,104	800	1,551
Other household insecticides	do	14,197	8,955	9,027	3,621	2,123	1,698
Agricultural insecticides and fungicides.[10]					8,782	10,340	6,965
Disinfectants and household insecticides, not reported by kind.						3,345	942
All other compounds					33,679	36,504	24,583
PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS							
Total value					**178,474**	**201,689**	**166,257**
Perfumes					15,301	19,198	10,351
Toilet waters					8,469	8,264	4,653
Creams other than shaving creams					29,219	33,347	25,125
Lip sticks and lip rouges					11,493	12,309	5,100
Other rouges							5,630
Dentifrices					30,698	32,464	35,699
Hair dyes					3,119	3,327	2,999
Hair tonics					11,639	10,339	7,384
Face powders					21,583	24,038	18,872
Talcum powders					8,003	8,344	8,418
Other toilet powders					3,097	2,340	2,543
Shampoos					3,825	5,797	4,087
All other toilet preparations					32,036	41,923	35,397
ICE, MANUFACTURED							
Total value					**184,400**	**209,008**	**189,410**
Ice:							
Ice industry	Ton	[11] 39,058	[11] 44,477	[11] 42,355	178,639	204,422	185,241
Can ice	do	[12] 38,865	44,357	42,258	[12]177,765	203,915	184,821
Plate ice	do	193	120	97	874	507	420
Other industries	do	1,229	991	913	5,761	4,586	4,168

[8] For personal and other uses.
[9] For other than personal uses.
[10] Production in the drug industries only. This item consists principally of calcium and lead arsenates and lime-sulphur solution, data for which are included in figures for these commodities shown in Table 748.
[11] In addition the following tonnages of ice manufactured in ice-cream establishments were reported by a part of the ice-cream industry only: 1927, 1,309,328 tons; 1929, 740,146 tons; 1931, 427,611 tons.
[12] Includes data for a small amount of plate ice.

Source: Bureau of the Census, Department of Commerce.

No. 751.—PRINTING AND PUBLISHING: CENSUS STATISTICS

Publications	1923	1925	1927	1929	1931
	Value (thousands of dollars)				
Total	2,021,389	2,241,095	2,473,902	2,711,607	2,178,523
Newspapers and periodicals, printed and published or published only	1,154,786	1,321,611	1,459,088	1,580,565	1,293,777
Newspapers	803,497	892,094	977,048	1,073,119	886,523
Periodicals, other than newspapers	351,289	429,517	482,040	507,445	407,254
Subscriptions and sales	360,893	398,338	429,467	460,326	425,287
Advertising	793,893	923,273	1,030,221	1,120,238	868,510
Books and pamphlets, printed and published or published only	135,279	154,991	178,163	199,015	146,438
Newspapers, periodicals, books, and pamphlets, printed for publication by others [1]	80,088	103,205	109,732	129,518	156,737
Sheet music and books of music	14,163	14,133	17,147	16,538	12,204
General job printing, composition sold to the trade, ready prints, and paper patterns	637,053	647,155	709,173	785,971	[2] 570,367
	Aggregate circulation per issue (average for the year)				
Newspapers and periodicals:					
Daily	35,733,107	38,039,682	42,343,210	42,947,824	42,124,651
Sunday	24,511,693	25,630,056	27,695,859	29,011,648	27,453,465
Triweekly	431,504	400,730	468,534	311,777	215,694
Semiweekly	2,024,683	1,934,095	2,026,760	2,982,184	2,637,126
Weekly	47,860,508	50,815,443	55,985,413	53,378,350	46,954,782
Monthly	91,654,028	111,875,957	120,693,490	133,048,488	122,670,528
Quarterly	22,197,918	22,840,186	21,247,360	20,605,002	19,575,617
All other classes	7,629,173	8,450,308	8,156,399	11,514,355	8,353,006

[1] The inclusion of this item results [illegible] its amounts paid by publishers for work done for [illegible] the "Value of products" (receipts for subscripti[illegible]

[2] In addition, lithographed labels, [illegible] d by establishments in other industries.

No. 752.—ENGINES, WATER TURBINES, TRACTORS, AND LOCOMOTIVES

[Value in thousands of dollars]

Class	1923	1925	1927	1929	1931
Total	407,038	310,556	364,854	464,553	159,937
Steam engines	26,765	24,411	22,573	32,415	14,883
Reciprocating marine	1,170	636	1,703	5,137	493
Reciprocating stationary and portable	12,882	7,962	5,406		1,624
Stationary turbines	10,328	14,055	14,499	27,278	8,427
Marine turbines	(1)	(1)	965		4,339
Not reported as to type	2,385	1,758			
Internal-combustion engines (not including tractors)	110,752	117,894	141,161	166,634	68,279
Diesel and semi-Diesel type—					
Marine (Diesel)	14,013	7,353	7,062	11,430	4,876
Other		15,875	13,347	15,369	6,978
Other internal-combustion engines—					
Marine—					
Stationary	8,492	8,833	7,370	7,111	5,528
Detachable		2,561	5,553	7,852	2,352
Motor vehicle [2]	[3] 59,074	[3] 55,624	63,636	50,654	18,792
Other stationary and portable	23,173	27,648	34,699	49,251	15,973
Aircraft engines [4]			9,494	24,966	13,780
Tractors and traction engines	78,320	102,905	136,950	196,997	57,537
Tractors, internal-combustion	76,427	102,647	136,836	196,953	
Traction engines, steam	1,893	258	113	44	
Water turbines	6,732	5,338	5,441	5,028	6,889
Engines and turbines not specified as to kind of power		[5] 13,707	414	675	
Locomotives, steam	184,469	46,301	58,315	62,805	12,349

[1] No data.

[illegible] nstallation in motor vehicles manufactured in the same establishments.

[illegible] s for 1923 and 1925 and a few motor-cycle engines for 1923.

[illegible] ent. Data pr[illegible] e 3).

[5] Reported as secondary produc[illegible] included.

Source of Tables 751 and 752: Bureau of the Census, Department of Commerce.

No. 753.—MACHINE TOOLS: NUMBER AND VALUE, BY KINDS

Kind	Number		Value (thousands of dollars)	
	1929	1931	1929	1931
Machine tools, total value			*186,374*	*58,712*
Boring machines:				
Horizontal and vertical	416	84	2,296	795
Special types and combinations	(1)	(1)	3,917	1,124
Drilling machines:				
Horizontal, vertical, and radial	11,290	2,376	14,945	3,340
Combination vertical and horizontal, automatic, bench, and vertical universal head	(1)	(1)	2,349	2,065
Gear-cutting machines	2,216	(1)	8,980	3,569
Grinding machines	(1)	(1)	22,102	8,662
Lathes:				
Engine, except gap lathes	8,693	2,807	11,759	2,768
Automatic and hand-operated horizontal turret	8,260	(1)	31,334	6,026
Other	1,279	(1)	4,912	1,009
Milling machines	5,667	(1)	16,857	3,845
Planers	268	52	2,517	429
Portable tools (electric and pneumatic):				
Drills—				
Number reported	[2] 133,369	61,399	[2] 7,033	3,683
Number not reported		(1)		318
Grinders	56,844	14,986	3,547	1,032
Hammers	[2] 55,130	13,085	[2] 3,549	1,231
Other, including portable motor-driven garage equipment, etc.	(1)	(1)	5,639	5,779
Shapers (horizontal)	1,677	225	2,804	444
Threading machines (except for pipe)	(1)	595	2,792	1,010
All other machine tools			39,042	*11,583*

[1] [illegible]

[2] [illegible] with figures for 1931; includes data for rock drills, tampers, etc.

Source: Bureau of the Census, Department of Commerce.

No. 754.—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," "cash registers, adding and calculating machines," "dairymen's, poultry[illegible] "[illegible] supplies," etc. This table is not [illegible] specific [illegible] oducts for groups designated. Th[illegible] in [illegible] Tables *752, 753, 755,* and *756.*

Class	1923	1925	1927	1929	1931
Agricultural machinery	82,130	93,222	129,595	167,673	49,954
Aircraft	9,077	8,102	14,505	51,508	22,405
Bakers' machinery and equipment	*14,451*	*17,212*	*20,015*	*21,730*	*10,876*
Blowers and fans	14,386	16,210	20,433	25,243	15,323
Bottling machinery	5,969	10,139	11,584	11,082	5,653
Clay-working machinery (brick, pottery, etc.)	*5,508*	*5,298*	*4,308*	*4,402*	*1,671*
Canning machinery	9,691	9,766	7,339	8,535	4,065
Cars and trucks, industrial and mining	17,919	24,267	21,741	26,886	10,188
Cash registers, [illegible]	(1)	(1)	143,913	151,583	62,179
Cement and concrete machinery:					
Cement-making machinery	(1)	4,146	4,619	4,387	1,579
Cement and concrete-block machinery	(1)	1,461	656	1,147	417
Concrete mixers	*13,602*	*12,620*	*12,674*	*11,405*	*4,357*
Other cement and concrete machinery	(1)	5,604	2,584	2,985	1,041
Condensers	4,588	4,938	5,899	4,386	2,590
Confectionery and ice-cream machinery	*5,029*	*5,143*	*5,082*	*3,674*	*3,809*

Footnotes at end of table.

No. 754.—Machinery: Value of the Principal Classes Manufactured—Continued

[Values in thousands of dollars]

Class	1923	1925	1927	1929	1931
Conveying machinery:					
Bucket type	(1)	(1)	10,726	9,387	2,695
Belt type	(1)	(1)	10,520	14,206	7,153
Other	(1)	(1)	12,282	24,944	12,261
Cotton ginning machinery	7,175	12,808	9,543	11,760	2,630
Cranes (including hoists and derricks)	42,197	43,936	44,454	57,840	18,448
Dairy, cheese-factory, and butter-factory machinery	16,486	15,177	16,536	16,593	11,388
Dredging and excavating machinery:					
Power shovels	23,684	26,609	32,106	43,348	18,609
Other	16,622	19,232	19,776	17,397	11,578
Electrical machinery	128,384	202,146	203,995	253,594	[2] 138,425
Elevators and elevator machinery	52,516	47,430	43,152	44,044	20,035
Engines (steam or internal-combustion), tractors, and water wheels [3]	222,569	264,255	306,539	401,748	147,589
Flour-mill and grain-mill machinery	9,084	7,946	7,967	8,286	4,342
Gas machines and apparatus	(1)	6,242	5,082	5,408	1,794
Glass-making machinery	2,651	2,666	3,085	3,688	2,545
Hydraulic machinery (other than for dredging)	2,516	4,938	2,906	10,082	4,540
Laundry machinery	19,077	24,198	27,204	28,803	14,637
Lawn mowers	8,258	8,047	9,269	10,953	6,141
Leather-working machinery, other than shoe	2,575	2,222	2,000	1,249	816
Locomotives (steam and internal-combustion)	185,808	48,028	60,650	65,203	13,073
Machine tools	89,964	91,459	105,555	186,374	58,712
Metal-working machinery, other than machine tools	(1)	47,353	39,201	50,336	36,294
Meters, gas, water, and other liquids	23,397	24,502	24,978	25,694	14,393
Mining machinery (other than oil-well) including ore crushers	52,452	38,079	38,152	40,325	12,570
Motor cycles and bicycles	20,752	15,905	13,804	13,727	[4] 10,608
Motor vehicles, except motor cycles	2,611,735	2,946,821	2,540,714	3,412,056	1,387,517
Oil-mill machinery, cottonseed, and other	3,037	4,132	4,697	2,533	1,286
Oil-well machinery	52,158	47,299	62,126	89,067	23,105
Packing-house machinery	5,441	5,370	5,577	6,663	4,622
Paper-mill and pulp-mill machinery	18,736	21,209	27,098	30,456	15,703
Pneumatic machinery (other than pneumatic tools):					
Air compressors	27,762	29,473	29,319	39,683	15,210
Other pneumatic machinery	(1)	(1)	(1)	1,691	1,657
Printing machinery	68,630	68,055	63,240	64,860	32,324
Pumps (hand and power) and pumping equipment	[5] 92,815	121,299	129,127	144,947	72,026
Refrigerators, mechanical	36,542	62,593	112,141	167,149	141,179
Refrigerating and ice-making machinery					16,642
Road-making machinery	24,264	26,297	27,728	30,694	27,006
Rubber-working machinery	6,849	10,164	9,951	13,552	4,425
Scales and balances	21,836	23,691	22,166	25,385	12,072
Sewing machines, cabinets, attachments, and parts	[6] 42,993	[6] 45,131	34,925	40,960	17,427
Shoe machinery	10,663	11,769	12,334	12,317	9,755
Slot-vending machines	3,777	4,202	7,059	8,321	5,861
Stokers, mechanical	14,095	9,420	10,213	14,054	8,310
Sugar-mill machinery	9,112	8,643	6,601	5,046	1,840
Textile machinery and parts	127,406	109,354	102,200	115,525	61,223
Transmission machinery	11,359	15,350	18,246	26,787	15,326
[illegible]ectric)	36,870	40,285	36,972	[7] 35,108	24,847
[illegible] clothes wringers, driers, and ironing machines for domestic use	57,551	70,761	69,140	79,011	48,281
Well-drilling machinery, other than oil-well	1,074	1,843	1,545	1,463	1,530
Windmills	3,185	4,053	3,327	4,063	1,214
Woodworking machinery	44,447	39,620	29,569	35,151	11,057

[1] No comparable data.
[2] Includes makes of motor parts [illegible] ate units.
[3] [illegible] s.
[4] [illegible] des power pumps and equipment only
[5] [illegible] sale as such.
[6] [illegible] cleaners.

Source: Bureau of the Census, Department of Commerce

No. 755.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: VALUE OF PRODUCTS, BY CLASSES

[All figures except number and kilovolt-amperes in thousands of dollars]

Product	1923	1925	1927	1929	1931
Total value	1,249,021	1,397,709	1,515,230	1,918,733	987,643
Generators (not specified elsewhere):					
Direct current—					
Value	4,235	5,317	4,503	2,500	1,692
Alternating current—					
Number				2,360	1,053
Kilovolt-amperes (thousands)				3,869	1,310
Value	1,975	2,098	2,856	19,325	8,825
Synchronous condensers and frequency changers—	(1)	3,674	3,632		
Number	18,508	17,899	18,335	203	85
Kilovolt-amperes (thousands)				762	432
Value				4,241	2,547
Automotive generators for battery charging	54,007	56,221	58,128	28,210	10,584
Automotive starter motors				32,849	13,044
Self-contained power and lighting outfits	7,685	11,143	8,239	6,840	1,639
Transformers, induction-voltage regulators, and current-limiting reactors	59,115	62,153	66,804	84,032	42,742
Motor-generator sets and dynamotors	7,305	8,264	6,764	13,397	6,007
Control apparatus, railway, vehicle, motor, and other	33,177	31,303	34,181	44,289	22,186
Electric locomotives (mining, industrial, and railway)	8,865	10,331	9,858	17,706	(2)
Stationary motors (not fan), total	84,778	92,648	97,673	136,035	68,430
Fractional horsepower	23,939	28,249	33,903	51,252	33,648
One horsepower and over—					
Direct current	13,865	15,797	15,628	22,619	9,060
Alternating current	46,973	48,602	48,142	60,711	25,448
Not reported as to horsepower				1,453	275
Electric fans	9,583	10,654	10,352	10,196	8,984
Storage batteries, parts and supplies	92,843	110,212	97,808	109,601	65,736
Primary batteries	21,446	40,982	46,283	40,334	20,200
Primary battery parts and supplies	3,776	4,054	6,298		
Carbons: Electrodes for lighting and furnaces, brushes, and specialties	14,746	13,955	14,364	17,049	9,512
Incandescent lamps and X-ray tubes	71,966	73,558	87,933	85,320	70,502
Telegraph apparatus	2,086	2,922	5,561	166,293	113,170
Telephone apparatus	92,398	81,510	115,452		
Household apparatus and appliances:					
Vacuum cleaners, portable	35,982	39,971	36,222	35,108	24,847
Flatirons	8,199	7,998	7,917	8,018	5,070
Cooking utensils	5,486	7,921	11,668	13,341	8,250
Ranges, disk stoves, and hot plates	3,677	7,901	12,119	16,933	9,643
Air heaters, radiant and convector type	1,862	2,028	1,439	1,833	1,012
Electric-measuring instruments, meters, etc	28,221	31,650	34,133	38,523	22,715
Switchboards, panel boards, cabinets, circuit breakers, and switches	57,856	69,759	71,924	81,201	44,832
Magnetos	10,304	9,930	9,016	14,461	3,300
Spark plugs	13,660	13,878	13,372	20,244	15,800
Coils (ignitions)	7,868	7,837	8,467	9,502	3,734
Insulated wires and cables	184,472	210,617	210,048	312,592	120,789
Railway signals and attachments	4,466	14,030	22,340	22,572	10,583
Fuses and fuse blocks	9,245	10,393	10,891	14,036	7,761
Wiring devices	34,966	34,806	32,703	38,395	21,778
Lightning arresters and choke coils	3,834	5,961	6,327	6,515	3,257
Electric-railway line materials	8,796	4,240	5,446	3,261	1,718
Conduits and fittings	3 37,500	45,785	41,717	58,158	32,835
Electric signaling apparatus (other than railway)	9,782	8,571	9,976	12,248	6,881
All other	196,326	231,307	280,969	393,575	177,034

[1] No comparable data.
[2] Withheld to avoid disclosing approximations of data for individual establishments.
[3] Not strictly comparable with data for later years; includes underground conduits.

Source: Bureau of the Census, Department of Commerce.

No. 756.—FARM EQUIPMENT: PRODUCTION

NOTE.—For all wagons, see Table 759; for all tractors, see Table 752

Class	Number				Value (thousands of dollars)			
	1928	1929	1930	1931	1928	1929	1930	1931
All products, total value					524,255	606,622	507,002	214,391
Plows and listers					32,159	42,365	37,830	12,084
Moldboard plows	552,107	656,859	501,743	[1] 173,601	15,512	20,346	15,754	[1] 3,715
Disk plows	25,952	46,504	38,106	9,406	3,119	7,145	6,263	1,573
Listers	38,645	[2] 48,570	60,157	11,539	1,646	[2] 2,085	2,898	568
Other plows	16,268	18,622	6,726	8,877	2,396	1,136	889	223
Attachments and parts, incl. plow stocks and steel plow shapes					9,486	11,653	12,526	6,005
Harrows, rollers, pulverizers, and stalk cutters					14,687	16,813	13,315	5,868
Disk harrows	134,127	138,849	113,764	46,853	7,491	8,712	7,377	3,070
Spike-tooth harrow sections	283,612	339,192	275,677	102,838	1,963	2,307	1,968	727
Spring-tooth harrow sections	133,029	126,306	104,159	44,018	1,509	1,445	1,175	491
Stalk cutters	10,456	11,696	11,487	2,297	396	439	415	86
Other, incl. attachments and parts					3,328	3,910	2,880	1,494
Planting and fertilizing machinery					26,505	31,145	26,087	10,862
Corn planters, one and two row	59,569	74,778	64,595	35,926	2,775	3,425	3,214	1,727
Combined corn and cotton planters	45,715	93,959	95,438	15,383	1,048	2,565	2,671	508
Combined listers and drills	5,289	7,004	15,323	2,031	430	604	951	140
Grain drills	73,434	70,408	46,796	11,380	8,736	10,035	6,480	1,420
Broadcast seeders	72,275	[3] 14,081	72,654	51,323	618	[3] 350	546	296
Manure spreaders	62,559	61,000	47,722	19,707	7,364	7,190	5,525	2,102
Other, incl. attachments and parts					5,534	6,976	6,700	4,669
Cultivators and weeders					15,884	22,857	21,892	8,595
1-horse	159,173	202,755	156,134	57,999	834	979	756	290
1-row	129,379	166,948	139,808	49,324	4,730	5,906	4,918	1,715
2-row	37,567	54,505	44,659	10,405	3,191	4,487	3,984	874
Hand cultivators (wheeled hoes)	133,214	163,434	171,213	160,360	413	459	500	429
Other cultivators and weeders	93,108	120,476	151,846	55,108	4,013	6,249	8,134	3,145
Attachments and parts					2,683	4,777	3,900	2,136
Harvesting machinery					67,291	87,713	62,145	19,955
Grain binders	67,099	65,009	[4] 46,156	15,356	10,610	10,661	[4] 7,787	2,451
Combines (harvester—thresher)	25,392	36,957	24,409	5,907	35,693	50,681	32,739	9,194
Corn binders	21,174	15,246	13,566	[5]	2,943	2,142	1,922	[5]
Potato diggers	19,930	12,767	10,055	4,700	1,290	789	723	335
Other harvesting machinery	27,213	32,434	25,112	13,713	5,456	5,398	6,651	2,904
Attachments and parts					11,299	18,039	12,323	5,071
Haying machinery					16,058	18,711	17,186	7,089
Mowers	121,935	126,360	117,601	43,312	6,503	7,050	6,466	2,378
Rakes	87,644	98,870	82,892	[5] 27,459	3,647	4,121	3,397	[5] 1,011
Loaders	24,895	24,920	28,222	10,042	2,034	1,991	2,277	828
Other haying machinery	9,028	11,113	16,730	9,433	479	612	1,296	562
Attachments and parts					3,395	4,937	3,750	2,310
Machines for preparing crops for market or use					33,466	30,103	20,760	12,048
Threshers	19,261	14,571	9,090	4,451	16,861	12,774	7,114	3,371
Ensilage and fodder cutters	14,740	11,530	9,811	5,123	2,699	1,768	1,454	637
Corn shellers	48,915	40,378	32,517	16,853	1,493	1,573	897	540
Corn huskers and shredders	1,423	972	599	631	711	460	266	293
Hay presses	3,674	3,460	3,068	1,627	1,082	1,100	1,065	588
Feed grinders and crushers	101,335	101,592	69,564	44,538	2,540	3,215	2,896	2,847
Other machines	163,336	108,638	69,725	33,402	1,705	2,483	1,516	1,189
Attachments and parts					6,975	6,724	5,236	2,583
Tractors					191,978	227,633	205,657	75,573
Wheeled types	152,266	195,980	176,075	61,940	113,876	141,653	123,291	42,602
Tracklaying type, all sizes	19,203	27,101	20,222	7,089	48,211	53,602	48,242	13,316
Garden tractors	4,465	5,895	6,161	2,675	822	908	1,102	590
Attachments and parts					20,070	31,470	33,022	19,065
Horse-drawn vehicles					9,974	8,813	4,948	1,977
Farm wagons	57,081	40,687	24,243	10,316	4,946	3,790	2,073	755
Farm trucks	62,889	60,969	39,746	16,043	2,521	2,518	1,585	623
Buggies	4,269	2,589	1,452	491	403	222	138	39
All other (incl. 2-wheeled carts)	12,587	10,022	3,582	1,854	260	251	117	54
Attachments and parts					1,844	2,032	1,035	506
Miscellaneous equipment					116,273	120,469	96,682	60,340
Stalls, stanchions, and stock pens					2,877	3,126	2,582	1,400
Stock tanks and waterers			317,797	204,406	2,022	2,087	1,988	1,174
Cream separators (hand)			105,553	64,426	[6] 9,673	[6] 7,695	4,709	2,372
Internal-combustion engines			92,948	38,072	9,016	9,134	5,338	2,479
Windmills and windmill towers			94,051	46,663	5,573	5,411	3,554	1,652
Other, incl. attachments and parts					87,112	93,017	[6] 78,511	[6] 51,263

[1] Excludes 3-bottom and larger horse-drawn plows; included with "Other plows."
[2] Excludes 2-bottom tractor-drawn listers; included with "Other plows."
[3] Wheelbarrow and other hand broadcast seeders included with "Other."
[4] Includes rice binders.
[5] "Corn binders" and "Combination side rakes and tedders" included with "Other harvesting machinery" and "Other haying machinery," respectively, to avoid disclosing operations of individual establishments.
[6] Includes power cream separators.

Source: Bureau of the Census, Department of Commerce.

No. 757.—MUSICAL INSTRUMENTS, PARTS, AND MATERIALS: PRODUCTION

Product	Number			Value (thousands of dollars)		
	1927	1929	1931	1927	1929	1931
Musical instruments, parts, and materials, all industries, total value				127,351	76,829	30,258
Pianos:						
Upright	69,864	49,039	18,329	12,262	7,870	2,580
Upright, player	76,447	17,336	1,692	20,028	4,116	274
Upright, player, reproducing type	4,096	1,445	146	1,420	460	34
Grand—						
Baby	43,772	36,929	24,712	17,541	12,851	7,013
Baby player (largely reproducing)	7,713	6,289	[1] 168	5,856	2,832	[1] 94
Parlor	8,757	7,767	5,517	5,320	4,160	2,378
Parlor, player (largely reproducing)	1,224	2,207	[1] 311	1,726	2,165	[1] 260
Concert	293	234	68	290	155	44
Automatic and electric	5,974	[2] 9,727	[3] 427	2,768	[2] 3,389	[3] 102
Organs:						
Pipe	2,471	1,799	917	16,782	11,153	5,283
Reed	3,091	2,703	1,279	385	375	168
Wind instruments:						
Brass		104,790	55,222	6,550	4,546	2,141
Wood		23,906	18,728	1,845	999	672
Stringed instruments		421,638	408,305	4,201	3,067	1,947
Percussion and other instruments (chimes, bells, xylophones, drums, traps, etc.)				2,715	2,913	1,847
Piano parts and materials				20,455	9,296	2,918
Organ parts and materials				[4] 1,810	1,095	460
Perforated music rolls				3,217	2,556	428
Parts and materials for musical instruments other than pianos and organs				2,180	2,830	1,612

[1] Data are for the reproducing type only. [2] Includes data for a few pianos not reported as to kind.
[3] Includes data for baby and parlor players other than reproducing type to avoid disclosures.
[4] Includes the value of a small number of orchestrions not called for on schedule for 1929 and 1931.

No. 758.—RADIO APPARATUS AND PHONOGRAPHS: PRODUCTION, 1931

NOTE.—Because of a new classification for 1931 for "Radio apparatus and phonographs," comparable data for all items in this table can not be shown for prior years. However, data for radio apparatus and phonographs [illegible] in previous issues of this publication under the "Electrical machinery, [illegible]" and "Musical instruments and phonographs," industries, respectively. For [illegible] for earlier years, see reports of the Bureau of the Census

Product	Number	Value (1,000 dollars)	Product	Number	Value (1,000 dollars)
Radios, phonographs, and apparatus, all industries, total		[1] 195,382	Records	30,851,282	7,698
			Needles	[2]	434
Receiving sets, complete, total	[2]	117,837	Public address and theater (not including motion-picture theater) sound-reproducing equipment, and home-talking-moving-picture combinations	[2]	4,512
Number reported	3,745,682	116,706			
Number not reported		1,131			
For the home	3,648,383	113,396	Miscellaneous:		
Automobile sets	96,145	3,076	Receiving-set chassis for sale separately as such [3]	405,942	7,863
Aircraft sets (incl. accessory equipment except batteries)	727	217	Microphones (all types)	10,225	187
Television sets or kits, complete	427	17	Loud speakers for sale separately as such [3]	[2]	4,648
Receiving sets for commercial use	[2]	272	Other apparatus and products (including dictating machines [4] and record blanks)		11,660
All other receiving sets	[2]	395	Receiving tubes for renewal purposes	24,318,052	13,714
Combined portable receiver and transmitter	[2]	465	Receiving tubes for initial equipment [3]	24,944,796	13,264
Combination radio and phonograph units	73,603	6,310	Transmitting tubes:		
Transmitters (including all associated equipment)	1,100	2,398	Three-electrode and screen-grid	62,562	1,410
Phonographs, for mechanical and electrical reproduction, including cabinets and tubes	48,304	1,679	[illegible] trol apparatus	[2]	449
Phonographs, class not reported		821	Rectifier tubes	24,803	499

[1] Includes some duplication. See footnote 3. [2] Data incomplete.
[3] This item is duplicated in the total for all products, to the extent to which this product was sold to manufacturers of complete radio [illegible]
[4] Dictating machines can not [illegible]

Source of Tables 757 and 758: Bureau of the Census, Department of Commerce.

No. 759.—VEHICLES AND AIRCRAFT: PRODUCTION

Product	Number			Value (thousands of dollars)		
	1927	1929	1931	1927	1929	1931
MOTOR VEHICLES, INCLUDING CHASSIS						
Total	3,336,033	5,294,087	2,295,597	2,540,714	3,412,066	1,387,517
Passenger vehicles	2,826,274	4,388,315	1,921,435	2,175,545	2,825,700	1,146,091
Touring, open	211,278	146,444	21,377	113,305	78,293	12,526
Roadsters, runabouts, and sport (speedsters), open	197,880	298,401	103,947	116,100	151,109	47,741
Closed	2,408,148	3,917,370	1,786,393	1,918,158	2,587,938	1,059,550
Public conveyances (cabs, etc.)	8,968	26,100	9,718	27,982	58,361	26,274
Government vehicles (Federal, State, county, and municipal)	1,599	1,980	1,215	11,521	10,156	6,163
Commercial vehicles	328,673	391,593	245,735	258,404	277,352	164,101
Light delivery (less than 1 ton)	60,981	124,414	79,821	33,883	64,229	35,673
Trucks (1 ton and over)	266,492	261,523	164,220	220,050	205,772	125,062
All other	2,200	5,656	1,694	4,471	7,351	3,366
Chassis	178,487	512,219	127,212	95,244	298,847	71,182
Passenger	56,074	76,401	7,556	27,156	32,398	3,739
Commercial and bus	122,413	435,818	119,656	68,088	266,449	67,422
MOTOR CYCLES, BICYCLES, AND PARTS						
Total value				19,402	21,198	13,285
Motor cycles	35,197	31,912	(1)	8,001	7,543	(1)
Bicycles	255,456	307,845	260,029	5,803	6,184	4,733
Parts, including value of motor-cycle side cars				5,598	7,472	[1] 8,552
CARS, STEAM AND ELECTRIC RAILROAD						
Total value				332,270	347,396	101,068
Steam:						
Passenger (day coaches only)	967	342	104	22,621	6,817	2,927
Sleeping, baggage, express, etc., in passenger service	1,054	1,169	(2)	30,790	35,058	3,745
Box	19,645	34,168	3,038	45,319	80,989	6,346
Flat	1,656	2,845	(3)	2,838	5,150	(3)
Gondolas	10,479	12,644	876	20,023	29,401	1,514
Hopper	8,734	10,132	2,676	19,918	24,682	5,974
Refrigerator	9,004	5,165	3,328	25,633	20,031	9,973
Stock	1,016	2,469	5,093	1,882	4,743	11,204
Tank	5,455	3,290		10,449	6,140	
Other varieties	13,026	15,530		27,516	29,440	
Electric:						
Passenger	1,226	513	368	18,918	6,350	7,159
Other varieties	167	38		1,754	266	
All other products, including cars not reported by service, kind, or number, and repairs				104,611	98,329	52,227
CARRIAGES AND WAGONS						
Total value				15,413	14,633	4,227
Horse-drawn vehicles:						
Farm wagons and trucks	99,088	101,656	26,359	6,354	6,308	1,378
Business wagons, including mail carriers wagons, lunch wagons, and public conveyances	13,192	4,122	940	4,593	[4] 3,879	[4] 1,393
Carriages, buggies, and sulkies	7,633	3,597	711	687	347	68
Other conveyances	9,781	7,114	2,369	330	[5] 271	72
Handcarts and pushcarts	9,640	14,132	5,473	135	268	73
Wheelbarrows				3,315	3,560	1,243
AIRCRAFT						
Total value				20,950	70,334	39,978
Airplanes [6] [7]	1,888	6,522	2,382	12,225	46,848	17,896
Seaplanes, and amphibians [6]	107	[8] 109	120	2,280	[8] 4,660	4,509
Parts and engines [9]				6,445	10,961	10,264
All other products, including repairs					7,865	7,309

[1] Motor cycles can not be shown separately without disclosing data for individual establishments. Value combined with that for "Parts", etc.

[2] Data incomplete. [3] Included in "Other varieties".

[4] Includes for 1929, $414,000, and for 1931, $281,000, for which number was not reported.

[5] Includes $17,000, value for which number was not reported.

[6] The value for 1927 and 1929 includes, in some cases, the value of [illegible] plant and installed in the aircraft. The schedule for 1931 called for the value of [illegible]

[7] For 1927, includes data for 103 rebuilt and reassembled airplanes; fc [illegible]

[8] Includes 4 rebuilt seaplanes.

[9] Only engines made by manufacturers of complete aircraft.

Source: Bureau of the Census, Department of Commerce.

No. 760.—COTTON SPINDLES, COTTON CONSUMPTION, AND STOCKS

NOTE.—The statistics for 1915 to 1933 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	431	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	28,929	28,267	10,494	15,735	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
1916	33,333	32,806	13,382	17,474	1,950	405	6,398	3,528	2,389	481
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	6,566	3,697	2,402	467
1919	35,443	34,931	14,846	18,086	2,019	429	5,766	3,199	2,165	402
1920	35,834	35,481	15,231	18,287	1,963	402	6,420	3,583	2,397	440
1921	36,618	36,047	15,709	18,388	1,951	336	4,893	2,997	1,614	282
1922	36,946	36,708	15,906	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	16,944	17,066	1,839	258	5,681	3,858	1,635	288
1925	37,929	35,032	17,292	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

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	[6] 163	[4] 731	[4] 673	58	[6] 39
1911–1915	5,257	5,051	4,976	75	206	293	822	738	84	86
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
1915	5,597	5,375	5,296	79	222	412	1,401	1,292	109	199
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	129
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	637	1,218	1,163	55	301
1933	6,137	6,004	6,003	(7)	133	761	1,348	1,298	50	322

[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. 761.—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)				
	1930–31	1931–32	1932–33	1930–31	1931–32	1932–33	1911–1915 average	1926–1930 average	1930–31	1931–32	1932–33
United States	32,673	31,709	30,893	75,264	68,755	85,265	5,257	6,735	5,263	4,866	6,137
The South	19,109	19,138	19,052	54,482	53,613	66,366	2,740	4,990	4,147	4,033	5,087
New England	12,168	11,374	10,810	18,757	13,260	17,231	2,101	1,466	937	678	884
Other States	1,397	1,197	1,030	2,024	1,882	1,667	416	279	179	155	167
Alabama	1,854	1,871	1,874	5,323	5,556	6,415	275	563	520	532	661
Connecticut	1,074	1,067	975	1,926	1,391	1,762	127	101	75	52	58
Georgia	3,247	3,312	3,297	8,819	8,908	10,929	589	1,139	930	874	1,105
Maine	1,010	982	967	1,823	1,409	1,999	170	126	105	87	137
Massachusetts	6,693	6,168	5,865	10,181	6,689	8,488	1,269	823	491	340	421
New Hampshire	1,233	1,188	1,118	2,055	1,680	2,026	292	208	161	122	158
New Jersey	373	236	139	370	412	286	56	36	26	28	20
New York	665	617	551	1,009	904	749	199	139	84	70	83
North Carolina	6,231	6,192	6,137	16,681	15,251	18,630	840	1,534	1,252	1,183	1,472
Pennsylvania	98	98	94	182	139	149	48	23	15	11	13
Rhode Island	2,041	1,852	1,768	2,552	1,930	2,685	232	199	98	69	101
South Carolina	5,685	5,696	5,677	18,589	18,737	24,199	743	1,196	1,016	1,018	1,324
Tennessee	620	594	627	2,107	2,055	2,442	74	157	150	140	153
Virginia	679	678	643	1,367	1,648	1,943	85	120	96	115	145
All other States	1,171	1,159	1,161	2,280	2,046	2,565	258	371	245	222	287

Source: Bureau of the Census, Department of Commerce.

No. 762.—EXPLOSIVES: AMOUNTS (EXCLUDING EXPORTS) MANUFACTURED AND SOLD, CALENDAR YEARS

NOTE.—Black blasting powder in thousands of kegs 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	1925	1926	1927	1928	1929	1930	1931	1932	1933
Black blasting powder	6,279	6,307	5,268	4,870	4,802	3,995	3,193	2,550	2,568
Railway and other construction work	382	301	249	317	275	289	303	208	187
Coal mining	5,297	5,444	4,503	4,036	4,082	3,427	2,711	2,252	2,289
Metal mining	138	114	86	84	91	56	46	18	20
Quarrying and nonmetallic mineral mining	240	236	231	202	183	153	114	59	59
All other purposes	221	212	199	231	170	70	20	12	14
High explosives other than "permissible"	286,435	310,518	303,468	292,785	326,993	291,391	216,157	137,908	157,849
Railway and other construction work	39,916	44,982	48,253	50,767	60,060	78,362	74,964	53,860	71,055
Coal mining	26,947	35,229	34,173	30,077	31,752	28,148	19,965	16,173	17,478
Metal mining	102,623	110,374	102,122	96,088	108,939	91,161	57,431	29,409	32,839
Quarrying and nonmetallic mineral mining	71,501	76,186	78,506	74,820	79,505	68,334	48,568	29,263	29,985
All other purposes	45,448	43,747	40,413	41,032	46,738	25,386	15,229	9,203	6,492
"Permissible" explosives	58,353	67,685	63,847	60,708	62,669	53,826	41,578	32,225	33,927
Railway and other construction work	263	242	216	158	154	214	431	369	208
Coal mining	52,256	65,143	60,942	57,261	60,244	52,378	40,611	31,533	33,218
Metal mining	3,533	216	191	231	165	183	10	35	26
Quarrying and nonmetallic mineral mining	838	581	536	1,243	370	502	230	93	434
All other purposes	1,463	1,503	1,962	1,814	1,735	549	295	195	40

Source: Bureau of Mines, Department of Commerce.

No. 763.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED

Year ended June 30—	Distilled spirits			Fermented liquors	Year ended June 30—	Distilled spirits			Fermented 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	1925	166,951	548	167,498	[4] 5,119
1910	156,238	7,656	163,894	[3] 59,485	1926	203,166	644	203,810	[4] 4,856
1915	132,134	8,522	140,656	[3] 59,808	1927	185,133	338	185,472	[4] 4,382
1918	173,476	5,357	178,834	[3] 50,266	1928	170,103	412	170,515	[4] 4,161
1920	99,616	1,649	101,265	[3] 9,231	1929	202,059	1,194	203,254	[4] 3,866
1921	86,366	1,531	87,896	[4] 9,220	1930	194,841	416	195,257	[4] 3,681
1922	81,080	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	136,682	847	137,530	[4] 4,891	1933	121,819	1,586	123,405	[4] 1,261

[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.

No. 764.—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	26,411,719	5,386,047	8,599,322	13,986,469
1920	18,933,551	52	45,040,949	13,528,403	15,307,947	28,836,350
1922	79,906,102	77	59,549,920	16,193,524	17,152,224	33,345,748
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	35,076,116	61,600,347

[1] Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.
[2] Includes alcohol produced in Puerto Rico.

No. 765.—LEAF TOBACCO: AMOUNTS CONSUMED IN THE MANUFACTURE OF CIGARS, CIGARETTES, CHEWING AND SMOKING TOBACCO, AND SNUFF

N[illegible] ...resent the equivalent in unstemmed leaf tobacco ...following table the tobacco used in the manufac... ...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 an[illegible] ...and snuff was shown ou[illegible] ...ed leaf was included wi[illegible] ...erted to the equivalent in[illegible] ...years. Data exclude tobacco used in bonded manufacturing warehouses. See Table 767

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	1922	646,816	151,709	169,597	325,510
1901–1905	451,461	124,411	12,444	314,606	1923	680,036	159,753	200,395	328,889
1906–1910	524,193	139,206	22,079	362,908	1924	693,858	153,413	217,700	322,745
1911–1915	578,283	151,890	52,207	374,186	1925	718,426	149,001	244,315	325,109
1916–1920	650,460	155,312	130,320	364,828	1926	737,354	152,372	267,584	317,399
1921–1925	672,077	151,421	198,069	322,588	1927	744,288	152,510	290,464	301,314
1926–1930	762,540	149,240	312,533	300,767	1928	754,625	151,290	310,159	293,176
1918	692,014	149,837	146,056	396,121	1929	796,626	152,129	346,543	297,953
1919	648,384	151,504	166,783	330,097	1930	779,808	137,901	347,915	293,990
1920	639,982	168,597	146,907	324,478	1931	752,404	127,628	329,962	294,813
1921	612,251	143,228	158,336	310,687	1932	690,134	104,288	299,029	286,817

Source of Tables 763 to 765: Reports of the Commissioner of Internal Revenue, Treasury Department.

No. 766.—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 58,858,368 cigars, in 1933. 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	456,584	159,869	14,346	9,758	237,808	34,805	7,364,937	810,327	26,026	41,565,670
1921–1925	409,457	115,445	10,105	6,972	239,151	37,785	6,691,913	557,300	16,704	65,903,991
1926–1930	389,244	99,470	8,374	5,821	235,421	40,159	6,360,650	414,044	10,479	109,361,216
1924	414,178	111,477	9,902	6,781	246,990	39,029	6,597,677	630,714	16,054	72,708,989
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	6,286	237,934	40,197	6,519,005	439,419	11,432	99,809,032
1928	386,333	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	419,880	9,952	122,392,381
1930	371,766	86,274	7,624	5,089	232,013	40,766	5,893,890	383,070	7,367	123,802,186
1931	371,237	76,653	6,377	4,170	244,182	39,854	5,347,921	338,997	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 [2]	341,228				[3] 304,902	36,326	4,344,752	208,449	2,870	111,763,441

State	Number of factories Jan. 1, 1933, making—			Production in 1932 (calendar year)				
	Tobacco and snuff [4]	Cigars	Cigarettes	Tobacco and snuff (1,000 pounds)	Cigars (thousands)		Cigarettes (thousands)	
					Large	Small	Large	Small
Total	795	5,787	113	347,279	4,382,723	278,749	3,374	106,632,434
California	26	207	10	164	48,811	7	18	3,213,845
Connecticut	10	125	2	52	17,816			19
Florida	4	282	3	5	473,387			1,034
Illinois	101	604	8	33,014	29,252		45	203,526
Indiana	37	138		215	88,228			
Kentucky	41	34	3	31,350	155,665			10,968,517
Louisiana	1	28	1	91	48,408			4,341
Massachusetts	27	350	9	399	51,188		11	12,508
Michigan	29	157	3	8,750	199,401		(5)	39,367
Minnesota	24	121		53	20,946			
Missouri	13	126	2	39,235	42,763			91,220
New Hampshire	2	80		2	44,549			
New Jersey	14	161	5	6,990	555,624	278		3,701,202
New York	156	1,173	42	2,427	372,744	5,926	1,753	637,411
North Carolina	13	14	6	117,899	13,054	25,151	1,411	58,668,184
Ohio	70	369		48,706	268,121	346		
Pennsylvania	89	843	9	6,131	1,509,282	2,818	104	110,158
Tennessee	15	17		17,882	2,114			
Virginia	8	28	8	22,493	194,090	244,223	31	28,981,027
West Virginia	7	52	1	8,609	52,399			
All other	108	878	1	2,813	194,880			65

[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 241 "quasi" manufacturers.
[5] Less than 500.

Source: Annual Report of the Commissioner of Internal Revenue.

No. 767.—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 765

Item	1926	1927	1928	1929	1930	1931	1932
Leaf tobacco consumed in manufacture:							
In registered factories	737,354	744,288	754,625	796,626	779,806	752,404	690,134
In bond	19,059	16,073	28,132	13,267	4,175	425	635
Manufactured tobacco imported:							
From Puerto Rico	2,498	2,081	2,165	2,043	2,261	2,307	1,081
Other countries	3,859	3,498	3,263	2,682	2,408	2,458	2,393
Exports of manufactured tobacco [1]	36,960	28,961	42,702	33,293	22,251	16,149	13,501
Remaining for consumption	726,810	736,979	745,483	781,325	766,399	741,445	680,741
Per capita consumption—pounds	6.24	6.24	6.22	6.43	6.22	5.98	5.45

[1] Includes shipments to Alaska, Hawaii, and Puerto Rico.

Sources: Leaf toba [illegible] the Commissioner of Internal Revenue; leaf tobacco used in [illegible] of Customs, Treasury Department.

No. 768.—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	7,864	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	29,350	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	171,560	3,297	761	36,375	32,060	4,315
1911–1915	350,937		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	46,449	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	65,880	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	79,058		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		47,627	44,750	2,602	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		[5] 55,103	[6] 51,771	2,937	395	[5] 15,328	[5] 13,050	2,278
1932	71,517		[5] 56,856	[6] 53,519	2,944	393	[5] 13,196	[5] 11,300	1,896
1933	60,294		[5] 51,563	[6] 48,819	2,411	333	[5] 12,758	[5] 10,805	1,953

[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, and 1,665 in 1933.
[6] Figures include 5 plant patents in 1931, 46 in 1932 and 33 in 1933 issued since the law passed May 23, 1930.

Source: Reports of the Commissioner of Patents.

33.—DISTRIBUTION—WHOLESALE AND RETAIL

No. 769.—WHOLESALE TRADE: SUMMARY BY STATES, 1929 AND 1933

[All money figures in thousands of dollars]

Division and State	Number of establishments		Net sales		Average number of employees, 1933		Salaries and wages, 1933	
	1929	1933	1929	1933	Full time	Part time	Full time	Part time
United States [1]	169,702	163,124	69,291,548	31,439,923	1,109,876	127,513	1,622,906	64,598
New England	9,793	8,824	4,195,261	2,130,465	99,825	5,346	112,232	7,573
Maine	987	863	189,975	108,898	5,423	636	7,472	293
New Hampshire	326	334	61,414	38,074	2,073	171	2,820	75
Vermont	308	300	57,393	41,751	2,019	134	2,680	70
Massachusetts [2]	6,066	5,140	3,055,856	1,459,203	71,468	3,030	70,823	6,320
Rhode Island	737	578	300,072	148,533	5,236	313	7,800	170
Connecticut [2]	1,369	1,409	520,551	334,006	13,607	1,062	20,627	645
Middle Atlantic	38,197	33,977	23,390,807	10,573,783	283,089	16,379	489,434	10,895
New York [2]	25,311	21,506	17,604,634	7,863,017	185,502	9,034	341,391	6,738
New Jersey	2,344	2,693	1,008,881	560,392	23,332	1,605	35,596	942
Pennsylvania [2]	10,542	9,778	4,777,292	2,150,354	74,255	5,740	112,447	3,215
East North Central	32,185	34,549	14,028,413	6,216,904	228,940	22,111	350,274	10,956
Ohio	8,077	8,313	3,094,100	1,560,356	62,653	5,319	93,700	2,686
Indiana	3,734	4,238	921,561	423,678	18,980	2,275	25,458	940
Illinois [2]	11,587	11,924	6,861,067	2,816,346	89,344	8,087	145,956	4,218
Michigan [2]	5,272	5,805	2,172,409	878,067	35,206	3,578	51,261	1,727
Wisconsin	3,515	4,269	979,276	538,457	23,757	2,852	33,899	1,385
West North Central	28,954	29,148	8,709,122	3,634,110	131,837	14,849	180,066	6,113
Minnesota	5,521	5,179	1,716,944	909,650	29,252	2,814	41,122	1,325
Iowa	4,954	5,250	1,057,006	463,059	19,341	2,809	24,153	1,179
Missouri [2]	6,674	6,097	3,351,721	1,387,992	48,471	3,920	70,343	1,672
North Dakota	2,619	2,436	262,430	93,990	4,346	510	5,633	188
South Dakota	1,973	1,756	236,280	73,839	4,052	553	5,120	207
Nebraska	2,890	3,416	1,054,064	406,457	13,479	2,029	17,564	720
Kansas	4,323	5,012	1,020,677	299,123	12,896	2,214	16,131	822
South Atlantic	15,652	14,576	4,657,676	2,490,688	99,635	21,777	128,509	7,360
Delaware	286	259	118,087	59,182	1,783	245	3,147	97
Maryland	2,205	2,245	741,367	405,385	17,669	3,121	22,409	1,021
Dist. of Col	496	575	261,083	179,077	7,444	188	10,897	92
Virginia	2,344	2,380	656,309	358,387	16,209	5,226	20,369	1,824
West Virginia	1,132	1,188	346,839	194,902	7,656	719	11,302	320
North Carolina	2,413	2,365	717,432	422,845	13,407	4,675	16,603	1,542
South Carolina	1,539	1,242	333,528	172,062	4,936	655	6,193	200
Georgia	3,183	2,272	1,016,496	428,291	15,220	1,546	20,551	470
Florida	2,054	2,050	466,535	270,537	15,311	5,402	17,038	1,794
East South Central	7,739	6,819	2,550,847	999,046	43,008	7,174	52,304	2,627
Kentucky	2,027	2,007	522,495	272,895	13,017	3,047	15,246	1,318
Tennessee	2,256	1,966	1,068,981	389,977	16,057	2,023	19,615	652
Alabama	1,743	1,598	574,145	192,934	8,911	1,059	11,488	366
Mississippi	1,713	1,248	385,226	143,240	5,023	1,045	5,955	291
West South Central	17,566	14,436	4,787,187	1,901,213	74,982	11,432	97,514	3,702
Arkansas	2,052	1,294	373,074	121,504	6,118	825	7,506	281
Louisiana	1,729	2,095	836,197	427,109	17,866	1,486	22,685	515
Oklahoma [2]	4,179	4,171	773,398	304,469	12,858	3,855	17,161	741
Texas [2]	9,606	6,876	2,804,518	1,048,131	38,140	5,266	50,162	2,165
Mountain	5,795	5,900	1,198,948	562,690	25,594	4,097	35,444	1,935
Montana	1,249	1,242	158,545	79,441	3,312	473	4,653	247
Idaho	681	768	121,193	50,689	2,078	990	2,814	443
Wyoming	283	349	34,661	19,117	847	103	1,214	51
Colorado	2,075	1,823	539,626	239,035	10,796	1,135	14,849	531
New Mexico	317	448	53,547	27,892	1,293	164	1,876	61
Arizona	358	476	97,554	49,795	2,260	727	3,319	381
Utah	736	653	180,101	86,758	4,572	432	5,999	185
Nevada	96	141	13,719	9,963	436	73	720	36
Pacific	13,821	15,097	5,773,290	2,931,064	121,965	24,343	177,139	13,437
Washington [2]	2,631	2,714	1,147,136	439,259	19,286	2,908	27,681	1,737
Oregon	1,439	1,333	466,831	202,146	9,705	1,200	13,868	643
California [2]	9,751	11,050	4,159,323	2,289,659	92,974	20,240	135,590	11,057

[1] Figures for 1933 are subject to slight changes.

[2] Preliminary data for 1933.

Source: Bureau of the Census, Department of Commerce.

No. 770.—WHOLESALE TRADE: By Type of Establishment, 1929

[All money figures in thousands of dollars]

Type of establishment	Number of establishments	Number of employees	Salaries and wages	Total expenses (incl. salaries and wages)	Net sales	Stocks on hand, end of year (at cost)
United States, total	**169,702**	**1,605,042**	**3,010,130**	**6,135,625**	**69,291,548**	**5,246,740**
Wholesalers only	79,840	912,143	1,713,259	3,447,360	29,556,156	3,382,558
Wholesale merchants	70,396	825,279	1,521,226	3,052,504	24,632,464	2,873,786
Supply and machinery distributors	3,432	33,337	70,157	130,351	790,835	126,948
Some newer types of wholesalers	2,156	11,472	22,550	42,833	510,838	21,642
Cash and carry wholesalers	756	3,208	5,328	10,171	178,809	16,321
Drop shippers (desk jobbers)	583	3,421	8,575	15,794	242,269	2,522
Wagon distributors	817	4,843	8,647	16,868	89,761	2,798
All other wholesalers	3,356	42,055	99,327	221,672	3,622,018	360,183
Bulk tank stations	19,587	79,016	163,200	337,054	2,101,129	158,532
Chain store warehouses	559	26,442	40,635	83,829	1,929,681	98,840
Manufacturers' sales branches	16,515	306,878	655,010	1,390,633	14,312,196	968,157
Auction companies	461	6,997	5,970	11,267	373,776	1,978
Brokers	3,689	11,708	26,642	53,443	4,037,944	17,822
Commission merchants	3,478	24,704	56,702	109,519	4,672,632	60,305
Export agents	260	3,244	6,855	17,649	398,559	15,979
Import agents	85	925	2,381	5,283	57,158	3,770
Manufacturers' agents	6,987	28,742	66,835	121,489	1,775,355	49,504
Purchasing agents and resident buyers	167	1,442	3,674	7,842	296,306	7,895
Selling agents	3,260	26,695	66,270	126,491	2,622,663	42,927
Assemblers and country buyers	34,145	116,108	93,528	203,279	4,652,183	293,497
All other	669	59,998	110,169	220,487	2,005,810	144,974

Source: Bureau of the Census, Department of Commerce.

No. 771.—WHOLESALE TRADE: By Kind of Business, 1929

[All money figures in thousands of dollars]

Kind of business	Number of establishments	Number of employees	Salaries and wages	Total expenses (incl. salaries and wages)	Net sales	Stocks on hand, end of year (at cost)
United States, total	**169,702**	**1,605,042**	**3,010,130**	**6,135,625**	**69,291,548**	**5,246,740**
Amusement and sporting goods (except cameras and motion-picture equipment and supplies)	730	7,818	15,228	31,313	161,139	26,427
Cameras and motion-picture equipment and supplies	716	13,471	26,982	55,474	324,261	18,714
Automobiles and other motor vehicles	743	31,595	64,458	126,872	1,226,347	87,360
Automotive equipment	2,153	25,636	49,939	90,047	489,797	67,157
Automobile parts (new and used)	1,049	7,425	14,260	26,026	152,777	20,956
Tires and tubes	655	10,148	25,839	54,018	386,603	48,221
[illegible]	1,206	14,624	39,385	81,929	888,604	51,795
[illegible]	638	24,023	42,483	76,718	575,100	93,709
[illegible]	849	8,217	17,611	48,954	193,898	37,800
[illegible]	1,027	12,571	28,101	59,327	304,999	40,885
[illegible]	303	5,997	12,479	30,346	96,334	8,570
Clothing and furnishings (other than millinery and footwear)	3,971	35,821	79,157	156,469	1,432,948	150,461
Dry goods (general line)	1,071	26,333	52,696	97,848	889,508	112,515
Dry goods (specialty, other than specified)	417	3,026	7,143	12,474	122,812	10,560
Millinery and millinery supplies	489	5,268	9,460	18,338	116,023	11,334
Notions	1,118	8,251	17,566	32,439	203,671	33,542
Piece goods	2,696	31,430	84,794	167,564	2,624,281	237,924
Shoes and other footwear	756	14,931	31,723	63,524	560,673	69,436
Electrical goods (including appliances)	1,901	39,526	77,333	135,616	1,363,596	87,719
Electrical equipment and supplies	991	9,409	21,640	42,300	475,639	29,210
Radios and radio equipment	806	13,044	28,155	75,795	491,621	60,394
Refrigerators (electric)	172	7,950	12,485	23,409	104,292	11,709

No. 771.—WHOLESALE TRADE: BY KIND OF BUSINESS, 1929—Continued

[All money figures in thousands of dollars]

Type of establishment	Number of establishments	Number of employees	Salaries and wages	Total expenses	Net sales	Stocks on hand end of year (at cost)
Cotton	5,234	13,277	20,569	90,323	3,061,610	173,738
Flowers and nursery stock	633	6,059	8,795	17,850	71,331	8,576
Grain	12,245	33,054	46,446	109,131	4,001,105	270,050
Hides, skins, and furs	1,689	7,309	15,116	36,813	557,897	63,417
Horses and mules	252	775	993	2,762	38,980	879
Live stock (other than horses and mules)	7,288	12,903	18,784	40,056	3,170,318	14,422
Silk (raw)	33	321	1,507	3,056	170,946	10,133
Tobacco (leaf)	1,003	39,625	17,303	35,233	469,142	154,969
Wool and mohair	403	2,459	5,838	16,129	334,061	40,129
Other farm products	1,693	3,133	3,594	7,682	155,650	7,616
Farm supplies (except feed and fertilizer)	410	6,164	8,851	18,476	139,735	24,419
Feed	1,284	9,040	15,072	34,846	571,068	22,748
Fertilizer and fertilizer materials	279	4,473	8,188	19,239	187,470	19,218
Confectionery and soft drinks	2,959	15,324	26,602	63,229	356,242	23,933
Dairy products	2,181	37,851	66,383	147,711	1,124,180	28,900
Poultry and poultry products	3,830	19,882	22,267	48,292	760,795	20,210
Dairy and poultry products	3,691	17,281	21,348	43,275	670,160	22,603
Fish and sea foods	1,448	15,896	21,709	49,112	243,682	10,939
Fruits and vegetables (fresh)	11,104	92,799	123,628	260,538	3,252,976	157,440
Meats and meat products	3,605	83,776	143,568	268,292	3,102,286	106,215
Boxes, shooks, and cooperage	205	1,143	2,163	4,046	49,608	3,094
Logs, railroad ties, piles, etc	537	2,635	3,143	6,030	59,562	5,405
Other forest products	278	2,126	4,413	7,518	96,190	4,814
Furniture	1,146	11,626	25,476	48,964	344,630	36,937
House furnishings	1,653	22,230	45,029	87,216	591,179	88,452
Musical instruments and sheet music	178	3,832	7,297	17,868	58,242	11,345
General merchandise	370	14,821	23,740	47,815	596,066	67,159
Groceries (general line)	6,900	104,882	179,861	335,083	5,203,417	451,931
Food and grocery specialties	7,094	79,450	145,819	354,118	4,333,905	189,948
Hardware (general line)	1,227	40,339	74,762	133,479	754,594	164,211
Hardware (specialty)	562	4,794	9,816	17,361	111,565	14,591
Iron and steel scrap	644	6,516	11,141	23,185	258,794	10,696
Junk and scrap	3,083	11,999	14,425	28,969	234,082	17,958
Waste rubber, rags, and paper	273	3,762	4,861	9,205	59,404	3,292
Jewelry	1,925	14,661	35,280	72,914	450,089	130,835
Optical goods	440	5,178	8,296	14,819	44,492	8,460
Leather and leather goods (general line)	84	695	1,460	2,995	18,366	3,610
Leather and leather belting	651	4,284	10,609	23,387	301,957	47,185
Luggage and leather goods	166	1,449	2,596	4,975	23,483	3,280
Saddlery and harness	38	401	659	1,285	7,196	2,084
Shoe findings and cut stock	613	2,147	4,379	9,430	106,229	12,634
Construction and building materials (other than metal and wood)	3,222	46,979	97,126	194,304	1,009,846	73,929
Lumber and mill work	2,291	24,874	51,625	96,518	1,134,206	98,037
Commercial equipment and supplies	1,804	17,814	36,990	62,214	250,929	28,570
Construction equipment and supplies	498	4,059	9,927	21,462	132,690	12,164
Farm machinery and equipment	560	15,315	28,730	54,839	385,838	67,876
Manufacturing, mining, and drilling machinery, equipment, and supplies	6,142	55,556	131,040	237,418	1,648,880	190,620
Professional equipment and supplies	1,000	13,672	25,800	45,956	207,816	36,055
Service equipment and supplies	1,439	11,349	23,560	46,343	201,098	28,471
Transportation equipment and supplies	412	3,340	10,902	21,118	230,879	9,661
Coal	1,343	14,111	33,170	69,521	1,160,290	43,023
Iron and steel (except scrap)	1,643	19,802	54,074	97,704	2,839,964	82,253
Metals and metal work (other than iron and steel)	634	7,534	19,665	38,365	1,599,846	52,584
Paper and paper products (general line)	1,568	22,017	47,638	84,628	679,014	61,046
Paper and paper products (specialty other than specified)	584	6,477	16,860	29,381	307,813	18,578
Stationery and stationery supplies	719	7,868	14,771	25,092	113,568	16,756
Wall paper	232	2,612	4,550	10,519	32,188	6,910
Petroleum and petroleum products	23,008	110,074	222,197	477,238	3,365,663	299,299
Plumbing equipment and supplies	2,151	30,327	63,120	120,447	701,746	106,325
Heating equipment and supplies	635	6,025	13,502	26,135	117,921	15,222
Tobacco and tobacco products (except leaf)	2,016	19,636	38,838	116,343	1,691,173	65,148
Books, periodicals, and newspapers	636	16,134	27,564	59,494	203,041	25,297
Oils and greases (animal and vegetable)	171	1,392	3,977	8,585	316,791	7,463
Rubber goods (general line)	92	4,479	9,070	17,605	121,220	19,395
Textiles and textile materials (other than dry goods)	1,299	11,843	27,361	53,232	831,884	65,598
Miscellaneous kinds of business	1,725	14,877	27,367	51,669	679,581	41,593

Source: Bureau of the Census, Department of Commerce.

No. 772.—WHOLESALE TRADE OF INDIVIDUAL CITIES OF 100,000 OR MORE INHABITANTS, 1929

[Net sales in thousands of dollars]

City	Number of establishments	Employees	Net sales	City	Number of establishments	Employees	Net sales
Akron, Ohio	201	2,623	105,532	Newark, N. J.	643	9,652	393,420
Albany, N. Y.	243	3,630	124,335	New Bedford, Mass.	167	1,193	35,837
Atlanta, Ga.	750	11,866	498,917	New Haven, Conn.	389	3,835	138,850
Baltimore, Md.	1,589	18,465	651,096	New Orleans, La.	712	10,423	601,981
Birmingham, Ala.	423	6,540	254,204				
				New York City (Greater New York)	19,618	237,291	15,631,148
Boston, Mass.	3,653	48,704	2,357,017	[illegible]	375	4,690	187,913
Bridgeport, Conn.	145	1,893	74,574	[illegible]	818	19,332	699,107
Buffalo, N. Y.	1,166	14,548	671,765	[illegible]	948	205,836	14,529,672
Cambridge, Mass.	121	2,659	55,755	[illegible]	400	7,023	202,715
Camden, N. J.	65	815	19,388	[illegible]	77	410	11,740
Canton, Ohio	120	1,204	35,224				
Chattanooga, Tenn.	135	1,663	62,754	Norfolk, Va.	319	3,371	153,754
Chicago, Ill.	6,702	138,657	5,870,166	Oakland, Calif.	390	5,712	129,170
Cincinnati, Ohio	1,326	17,252	729,814	Oklahoma City, Okla.	464	6,605	287,932
Cleveland, Ohio	1,968	24,946	1,106,723	Omaha, Nebr.	647	9,466	704,088
				Paterson, N. J.	141	1,264	65,958
Columbus, Ohio	518	6,947	228,252				
Dallas, Tex.	809	12,662	729,157	Peoria, Ill.	215	2,698	98,759
Dayton, Ohio	237	3,133	112,669	Philadelphia, Pa.	4,357	52,636	2,280,884
Denver, Colo.	934	10,564	395,958	Pittsburgh, Pa.	1,849	27,435	1,484,500
Des Moines, Iowa	333	5,453	149,075	Portland, Oreg.	867	11,526	383,432
				Providence, R. I.	577	6,427	246,423
Detroit, Mich.	2,136	26,510	1,540,060				
Duluth, Minn.	185	3,281	171,363	Reading, Pa.	203	1,853	56,148
Elizabeth, N. J.	75	665	51,161	Richmond, Va.	416	7,143	233,611
El Paso, Tex.	205	2,075	74,384	Rochester, N. Y.	401	4,219	94,923
Erie, Pa.	159	1,254	31,947	St. Louis, Mo.	1,940	40,769	1,430,981
				St. Paul, Minn.	462	8,030	221,746
Evansville, Ind.	184	1,964	61,096				
Fall River, Mass.	130	893	55,144	Salt Lake City, Utah	334	4,515	130,332
Flint, Mich.	102	1,365	38,519	San Antonio, Tex.	343	4,715	133,820
Fort Wayne, Ind.	158	2,283	53,164	San Diego, Calif.	199	2,645	56,839
Fort Worth, Tex.	240	3,426	276,844	San Francisco, Calif.	3,154	37,545	1,784,175
				Scranton, Pa.	279	3,218	111,866
Gary, Ind.	38	286	10,053				
Grand Rapids, Mich.	416	3,938	152,630	Seattle, Wash.	1,220	15,601	574,707
Hartford, Conn.	323	7,804	125,187	Somerville, Mass.	31	938	32,993
Houston, Tex.	506	7,354	519,913	South Bend, Ind.	129	1,394	40,619
Indianapolis, Ind.	730	9,769	436,596	Spokane, Wash.	256	4,473	134,049
				Springfield, Mass.	254	3,513	115,560
Jacksonville, Fla.	346	4,234	180,779				
Jersey City, N. J.	169	3,658	117,769	Syracuse, N. Y.	460	4,976	178,538
Kansas City, Kans.	97	2,614	92,217	Tacoma, Wash.	150	2,661	55,940
Kansas City, Mo.	1,664	24,354	1,400,722	Tampa, Fla.	223	2,406	82,679
Knoxville, Tenn.	135	2,082	53,448	Toledo, Ohio	417	7,502	187,893
				Trenton, N. J.	132	1,377	36,593
Long Beach, Calif.	127	1,207	33,893				
Los Angeles, Calif.	3,153	40,581	1,379,989	Tulsa, Okla.	282	2,486	103,666
Louisville, Ky.	528	9,664	267,679	Utica, N. Y.	184	1,972	59,359
Lowell, Mass.	89	704	24,043	Washington, D. C.	496	7,575	261,083
Lynn, Mass.	119	880	17,231	Wichita, Kans.	256	3,125	161,155
				Wilmington, Del.	127	1,742	102,114
Memphis, Tenn.	628	9,449	652,877				
Miami, Fla.	247	1,727	48,753	Worcester, Mass.	246	2,781	68,455
Milwaukee, Wis.	1,059	14,289	545,650	Yonkers, N. Y.	74	809	27,695
Minneapolis, Minn.	1,316	17,423	846,458	Youngstown, Ohio	194	2,970	100,942
Nashville, Tenn.	225	3,103	129,897				

Source: Bureau of the Census, Department of Commerce.

No. 773.—RETAIL SALES: By States, 1929 and 1933

[All money figures in thousands of dollars]

Division and State	Number of stores		Net sales		Proprietors and firm members, 1933	Number of employees, 1933		Total payroll, 1933	
	1929	1933	1929	1933		Full-time	Part-time	Full-time	Part-time
United States [1]	1,543,158	1,522,955	49,114,663	25,613,515	1,574,363	2,703,998	732,413	2,660,553	248,295
New England	108,764	105,648	3,785,869	2,167,760	100,130	232,747	57,903	247,401	21,451
Connecticut	22,202	22,047	768,510	430,526	20,619	44,503	11,124	49,228	4,257
Maine	11,091	11,429	307,627	184,386	12,104	17,755	4,392	17,106	1,609
Massachusetts	54,183	52,430	2,054,976	1,195,161	47,538	133,338	33,047	143,991	12,233
New Hampshire	6,567	6,368	184,285	111,799	6,518	10,520	2,949	10,332	1,045
Rhode Island	9,542	8,438	318,295	167,288	8,127	19,080	4,397	19,607	1,635
Vermont	5,189	4,934	152,176	78,600	5,224	7,546	1,994	7,137	672
Middle Atlantic	385,302	356,919	12,717,899	6,991,588	355,377	692,477	154,557	755,415	59,633
New Jersey [2]	60,010	63,935	1,843,545	1,011,279	63,413	95,269	23,747	110,463	9,027
New York [2]	190,017	177,563	7,070,414	3,995,907	173,815	378,209	71,781	435,445	31,369
Pennsylvania [2]	135,275	115,421	3,803,940	2,014,402	118,149	218,999	59,029	209,507	19,237
East North Central	317,667	327,367	11,262,958	5,408,312	338,499	558,782	132,774	568,046	63,217
Illinois [2]	96,900	98,793	3,711,903	1,727,407	99,845	198,305	55,540	206,913	21,817
Indiana	41,618	41,256	1,222,384	569,972	44,006	63,665	21,842	56,608	6,707
Michigan [2]	55,958	56,937	2,226,398	1,069,872	59,867	105,352	29,789	98,377	9,725
Ohio [2]	83,717	85,818	2,864,831	1,417,109	88,204	159,943	50,798	146,582	17,004
Wisconsin	39,474	44,563	1,237,442	623,952	46,577	61,517	24,721	59,566	7,964
West North Central	170,644	180,307	5,269,554	2,641,958	193,758	283,928	83,202	258,333	25,502
Iowa	32,716	34,643	972,136	479,695	37,323	49,182	16,952	42,190	4,830
Kansas	25,605	26,779	744,586	329,178	29,082	34,724	12,172	29,392	3,421
Minnesota	30,725	33,879	1,051,930	585,102	35,916	62,195	16,125	59,207	5,516
Missouri	47,039	49,247	1,448,220	759,125	53,410	89,166	23,431	82,804	7,378
Nebraska	17,637	19,212	562,945	274,575	20,829	29,085	8,967	25,671	2,672
North Dakota	8,077	7,981	234,540	108,087	8,391	9,487	2,463	8,478	823
South Dakota	8,845	8,566	255,197	106,196	8,807	10,089	3,082	8,531	862
South Atlantic	169,068	168,200	4,201,755	2,477,028	174,586	277,813	80,076	247,176	21,951
Delaware	3,688	3,420	103,512	57,910	3,200	5,673	1,890	5,761	570
Dist. of Col	5,931	6,156	336,262	241,515	5,516	28,508	4,397	31,918	1,763
Florida	22,449	21,697	504,523	288,804	22,383	33,483	9,453	28,545	2,438
[illegible]	28,687	26,681	635,440	352,916	28,179	42,114	12,311	32,781	2,982
[illegible]	21,082	23,487	619,573	384,384	24,653	42,724	12,587	41,335	4,372
[illegible]	28,831	27,652	653,419	363,111	29,252	39,182	14,000	32,024	3,141
South Carolina	15,036	15,528	300,220	186,215	16,097	20,218	7,444	15,416	1,546
[illegible]	26,120	26,451	600,929	358,102	27,350	41,118	10,857	37,084	3,031
[illegible]	17,244	17,128	447,877	244,071	17,956	24,793	7,137	22,362	2,108
East South Central	89,199	83,270	2,171,995	1,025,923	89,645	116,939	33,662	92,390	8,459
Alabama	21,442	20,049	527,101	250,384	21,292	29,962	8,686	21,780	2,008
Kentucky	27,117	25,672	587,340	304,605	27,648	32,503	9,847	27,470	2,750
Mississippi	17,256	14,772	413,737	140,855	16,079	16,906	4,831	12,211	1,066
Tennessee	23,384	22,777	643,817	330,079	24,626	37,568	10,298	30,929	2,635
West South Central	135,482	131,762	3,727,371	1,745,021	142,417	208,217	50,007	168,734	13,220
Arkansas	17,937	15,918	412,680	180,095	17,965	18,323	5,594	13,935	1,364
Louisiana	23,288	22,239	476,643	264,123	22,808	36,970	6,381	28,666	1,745
Oklahoma	27,339	26,434	795,028	341,774	29,206	38,008	10,768	31,575	3,054
Texas [2]	66,918	67,171	2,043,020	959,029	72,438	109,916	27,264	94,558	7,057
Mountain	44,661	44,301	1,548,650	748,514	47,101	73,149	21,076	72,941	7,282
Arizona	5,068	4,749	198,620	76,250	5,039	7,344	2,471	7,542	913
Colorado	13,993	13,700	466,959	236,314	14,583	25,816	6,623	25,060	2,114
Idaho	4,916	5,139	169,057	87,406	5,526	7,183	2,666	7,119	821
Montana	6,951	6,732	243,828	112,382	7,184	10,147	2,958	10,605	1,208
Nevada	1,310	1,463	50,401	28,680	1,490	2,438	737	3,002	315
New Mexico	4,191	4,246	119,759	53,944	4,613	5,321	1,504	4,890	461
Utah	5,249	5,103	196,559	95,568	5,169	9,914	2,948	9,422	974
Wyoming	2,983	3,169	103,437	55,970	3,497	4,986	1,169	5,301	476
Pacific	122,371	125,183	4,428,602	2,409,411	132,350	234,944	69,240	252,117	27,580
California [2]	85,691	89,107	3,210,863	1,816,793	94,254	175,118	50,178	192,874	20,497
Oregon	14,570	13,769	455,931	224,447	15,407	22,335	6,440	21,634	2,430
Washington	22,110	22,307	761,808	368,171	23,189	37,491	12,622	37,609	4,653

[1] Figures for 1933 are subject to slight changes.
[2] Preliminary data for 1933.

Source: Bureau of the Census, Department of Commerce.

No. 774.—RETAIL TRADE: By Type of Operation, 1929

NOTE.—The total known retail sales in 1929 amounted to $52,718,288,000, including besides the $49,114,653,000 sales through retail stores analyzed in this table and Tables 773, 775, and 776, $129,501,000 additional milk dealer sales, $2,426,016,000 direct consumer sales by manufacturers, $689,817,000 retail sales by wholesalers, and $358,301,000 from sales of meals in hotel dining rooms.

[All money figures in thousands of dollars]

	Number of stores	Employees		Salaries and wages			Total net sales	Stocks on hand, end of year (at cost)
		Full time	Part time	Total	Full time	Part time		
United States, total	**1,543,158**	**3,833,581**	**676,559**	**5,189,670**	**5,028,282**	**161,388**	**49,114,653**	**7,262,583**
Single-store independents	1,230,300	2,421,					486,128	4,981,910
2-store independents	49,071	256,					020,443	474,886
3-store independents	15,512	108,769	14,764	165,264	161,861	3,403	1,255,142	207,501
Local branch systems	231	5,447	404	8,771	8,554	217	64,441	10,703
Local chains	52,465	263,568	36,646	395,577	386,612	8,965	3,293,890	393,832
Sectional chains	41,053	180,496	33,779	259,390	251,216	8,174	2,191,250	228,347
National chains	51,058	341,772	79,906	412,447	396,688	15,759	3,960,087	376,017
Other types of operation:								
Mail-order houses (catalogue only)	271	41,756	1,565	45,408	45,039	369	515,237	86,862
Direct selling (house-to-house)	1,661	30,380	435	33,018	32,923	95	93,961	4,335
Roadside markets or stands	840	214	274	151	115	36	2,459	213
Curbside markets or stands	3,662	365	114	396	372	24	16,155	483
Itinerant vendors	1,384	208	111	260	232	28	7,131	200
Rolling stores	244	411	52	719	712	7	3,971	371
Industrial stores (including commissaries)	1,347	6,104	542	8,837	8,721	116	115,583	14,732
Leased departments—independent operators	596	2,460	439	3,176	3,088	88	24,321	4,550
Leased department chains	3,675	16,702	1,851	22,310	21,947	363	129,702	14,534
Utility-operated retail stores	4,053	16,462	4,347	26,370	25,177	1,193	163,371	31,906
Manufacturer-controlled chains	3,431	43,455	1,416	81,605	81,306	299	389,618	54,151
Cooperative stores	1,143	3,429	753	4,583	4,436	147	76,035	9,759
Cooperative buying associations	566	1,294	399	1,788	1,707	81	40,960	3,696
Retailers—country buyers	73,274	63,356	24,888	65,510	60,831	4,679	1,779,278	298,287
Retailers—wholesalers	7,121	28,407	4,775	37,964	36,827	1,137	476,071	63,961
All other types of operation	170	590	73	948	936	12	9,418	1,347

Source: Bureau of the Census, Department of Commerce.

No. 775.—RETAIL TRADE, INDEPENDENTS, CHAINS, AND OTHER TYPES: 17 Kinds of Business, 1929

[Net sales in thousands of dollars]

Kind of business	Independents (1, 2, and 3 store independents)		Chains (local, sectional, and national)		*All other types of operation*	
	Number of stores	Net sales	Number of stores	Net sales	Number of stores	Net sales
Department stores	2,166	3,140,287	1,964	725,021	91	484,790
Variety, 5-and-10, and to-a-dollar stores	6,603	88,340	5,377	814,762	130	1,045
Men's and boys' clothing and furnishings stores	25,114	929,365	2,815	252,354	268	11,003
Clothing stores—men's, women's, and children's	8,860	394,707	1,585	150,739	106	6,907
Women's ready-to-wear specialty shops—apparel and accessories	15,966	807,811	1,914	246,960	373	32,830
Shoe stores	17,938	431,818	5,092	306,216	1,229	68,795
Furniture stores	23,902	1,268,112	1,004	213,661	248	28,877
Radio and music stores	15,081	443,974	794	107,279	162	10,519
Grocery stores (without meats)	142,245	1,674,805	35,369	1,576,252	14,262	198,072
Combination stores (groceries and meats)	91,837	2,463,173	17,249	1,257,727	6,463	182,762
Restaurants, cafeterias	94,546	1,551,912	2,153	245,788	251	5,213
Cigar stores and cigar stands	30,910	301,328	2,162	102,980	176	5,756
Filling stations	90,365	1,113,012	28,617	605,204	2,531	69,207
Coal and wood yards—ice dealers	17,258	811,159	1,401	185,666	459	16,544
Drug stores	54,585	1,371,986	3,526	312,451	147	5,962
Hardware stores	24,659	667,829	352	21,141	319	17,083
Jewelry stores	19,534	498,602	370	34,246	94	3,432

Source: Bureau of the Census, Department of Commerce.

No. 776.—RETAIL TRADE: By Kind of Business, 1929

[All money figures in thousands of dollars]

Kind of business	Number of stores	Proprietors and firm members	Employees (full time)	Salaries and wages, total [1]	Net sales
United States total	1,543,158	1,510,607	3,833,581	5,189,670	49,114,653
Food group	481,891	488,301	569,632	767,207	10,837,422
Candy and confectionery stores:					
Candy stores—nut stores	2,658	1,882	4,143	4,365	34,913
Confectionery stores (candy and fountain)	60,607	65,714	42,929	41,359	536,636
Dairy products stores:					
Dairy products stores (including ice cream)	4,488	3,879	9,332	13,583	165,965
Egg and poultry dealers	3,258	3,513	2,573	3,320	70,858
Milk dealers (incomplete)	3,990	4,063	52,975	101,027	560,996
Delicatessen stores	11,166	12,184	9,058	10,699	194,820
Fruit stores and vegetable markets	22,904	25,106	16,368	20,583	308,379
Grocery stores (without meats) [2]	191,876	171,991	143,413	183,439	3,449,129
Combination stores (groceries and meats):					
Grocery stores with meats	91,888	87,420	148,819	192,504	3,025,305
Meat markets with groceries	23,661	25,866	44,907	61,759	878,357
Meat markets (including sea foods):					
Fish markets—sea foods	6,077	6,571	6,202	7,500	83,698
Meat markets	43,788	45,248	55,318	84,898	1,253,260
Bakeries—caterers:					
Bakeries—bakery goods stores (except manufacturing bakeries)	11,903	11,698	24,571	29,328	193,563
Caterers	110	84	1,180	1,733	7,530
Other food stores:					
Coffee, tea, spice dealers	1,236	834	4,914	7,438	44,938
Farm products stores	974	1,023	455	456	8,942
General food stores (miscellaneous)	686	666	633	618	8,598
Bottled waters and beverage dealers	621	559	1,842	2,598	11,533
General stores	104,089	121,366	107,023	115,511	2,570,744
General stores—groceries with apparel	5,426	6,200	4,532	4,919	111,075
General stores—groceries with dry goods	40,159	46,264	29,350	29,095	713,226
General stores—groceries with other merchandise	58,504	68,902	73,141	81,496	1,746,443
General merchandise group	54,636	47,821	702,822	818,930	6,444,101
Department stores:					
With food departments	460	184	107,354	139,293	930,411
Without food departments	3,730	1,249	342,138	443,091	2,903,663
Mail-order houses—general merchandise	31	8	35,483	38,607	447,024
Dry goods stores:					
Dry goods stores	24,676	25,885	49,538	55,962	641,386
Piece goods stores	774	757	1,032	1,503	21,822
General merchandise stores:					
With food departments	2,182	2,150	8,472	10,805	139,405
Without food departments	9,849	9,527	28,803	31,905	363,887
Army and Navy goods stores	724	646	1,072	1,576	19,783
Women's exchanges	100	72	610	827	3,573
Variety, 5-and-10, and to-a-dollar stores	12,110	7,343	128,320	95,362	904,147
Automotive group	257,685	242,800	628,333	934,402	9,615,810
Motor vehicle dealers (new and used):					
Automobile sales rooms	40,797	38,790	330,617	528,988	6,153,217
Used car dealers	3,097	3,036	7,274	11,805	140,932
Automobile dealers with farm implements and machinery	1,407	1,635	5,679	8,217	113,363
Accessories, tires, and batteries:					
Accessory stores with tires and batteries	7,762	6,801	20,336	30,990	257,742
Battery and ignition shops—brake repair shops	6,409	6,819	10,550	15,442	94,238
Tire shops (including tire repairs)	8,142	7,341	20,000	29,671	247,314
Filling stations:					
Filling stations—gasoline and oil	52,728	32,281	66,655	87,517	860,081
Filling stations with tires and accessories	26,775	27,269	35,339	43,173	516,917
Filling stations with other merchandise	42,011	41,196	24,727	28,521	401,425
Motor cycles, bicycles, and supplies:					
Motor-cycle dealers	298	292	668	988	8,035
Bicycles, motor cycles, and supplies stores	255	278	433	585	4,640
Bicycle shops	879	925	630	747	7,570

[1] Including full-time and part-time.
[2] See also Feed stores with groceries in "Other retail stores" group.

No. 776.—Retail Trade: By Kind of Business, 1929—Continued

[All money figures in thousands of dollars]

Kind of business	Number of stores	Proprietors and firm members	Employees (full time)	Salaries and wages, total	Net sales
Automotive group—Continued.					
Garages and repair shops:					
Body, fender, and paint shops	3,379	3,754	9,596	15,289	46,106
Garages (repairs, storage, gasoline, oil, accessories)	60,627	69,740	88,357	121,257	693,063
Parking stations, parking garages, and lots	2,059	1,585	5,015	7,442	39,262
Radiator shops (including repairs)	728	818	1,041	1,554	6,569
Other automotive establishments:					
Aircraft and accessories	114	26	882	1,344	5,594
Boats (motor boats, yachts, canoes)	219	208	534	871	10,741
Apparel group	114,296	99,613	329,254	505,352	4,240,893
Men's					
[illegible]	3,386	2,407	9,335	18,317	176,419
[illegible]	1,566	907	2,586	4,852	43,744
[illegible]	9,196	8,798	10,051	17,267	212,032
[illegible]	14,049	14,242	45,389	82,928	760,528
[illegible]	10,551	9,345	43,555	65,086	522,353
accessories	18,253	15,751	100,791	134,582	1,087,601
Women's accessories stores:					
Blouse shops	11	12	30	31	313
Corset and lingerie shops	2,390	2,170	3,024	4,591	49,556
Furriers—fur shops	2,280	2,103	7,506	14,344	106,861
Hosiery shops	1,943	1,211	8,940	9,860	54,830
Knit goods shops	464	364	863	1,056	11,348
Millinery stores (including leased millinery departments)	12,433	10,106	19,106	23,788	161,807
Costume accessories stores (including jewelry, bags, and gloves)	323	254	582	715	6,781
Umbrella shops (including parasols, canes)	127	81	95	115	1,146
Other apparel stores:					
Children's specialty shops	1,019	1,027	1,458	1,861	23,982
Custom tailors	11,284	11,624	23,277	39,138	165,048
Dressmakers	463	486	2,804	4,029	11,611
Infants' wear shops	290	315	335	437	5,983
Mail-order apparel houses	9	2	111	136	2,121
Shoe stores:					
Shoe stores—men's	1,402	418	2,810	5,194	61,507
Shoe stores—women's	1,666	536	8,146	15,673	130,681
Shoe stores—men's, women's, children's	21,191	17,455	37,860	61,351	614,641
Furniture and household group	58,941	51,962	249,945	404,095	2,754,721
Furniture stores:					
Furniture stores	17,891	16,550	105,185	176,362	1,272,393
Furniture and undertaker	3,590	4,491	5,886	8,790	103,163
Furniture and hardware stores	3,672	4,386	8,260	11,425	134,259
Floor coverings, drapery, curtain, and upholstery stores:					
Drapery, curtain, and upholstery stores	973	975	2,021	2,992	18,735
Floor coverings stores	1,503	1,475	6,348	10,280	73,428
Household appliance stores:					
Household appliance stores (electrical)	6,637	1,939	36,729	55,574	228,810
Household appliance stores	1,757	268	10,202	16,742	99,898
Refrigerator dealers (electric only)	492	326	3,874	6,922	49,012
Refrigerator dealers (electric and gas)	45	37	176	269	1,984
Other home furnishing and appliance stores:					
Aluminumware	58	3	1,333	1,358	4,471
Antique and used furniture dealers	715	768	951	1,649	10,025
Brushes and brooms	269	97	3,388	4,642	9,765
China, glassware, crockery, tinware, enamelware	1,008	922	2,748	4,077	30,657
Picture and framing stores	690	694	1,046	1,507	8,748
Stove and range dealers	398	307	1,031	1,639	9,357
Antique shops	1,384	1,409	2,342	5,062	50,348
Awning, flag, banner, window shade, and tent shops	841	882	1,872	2,661	15,563
Interior decorators	701	616	5,864	11,663	68,818
Lamp and shade shops	280	287	368	485	3,516
Radio and music stores:					
Radio and electrical shops [3]	11,783	11,910	29,999	45,411	337,294
Radio and musical instruments stores [4]	4,254	3,621	20,322	34,585	224,478
Restaurants, cafeteria, and eating places	134,293	148,948	419,994	396,076	2,124,890
Restaurants, cafeterias:					
Cafeterias	3,124	1,992	56,330	57,888	272,739
Lunch rooms	57,612	64,855	93,121	82,232	541,702
Restaurants with table service	36,214	42,990	222,321	208,580	988,473

[3] See also Electrical shops (without radio) in "Lu[illegible]"

[4] See also Music stores (without radio) in "Other[illegible]"

No. 776.—Retail Trade: By Kind of Business, 1929—Continued

[All money figures in thousands of dollars]

Kind of business	Number of stores	Proprietors and firm members	Employees (full time)	Salaries and wages, total	Net sales
Restaurants, cafeterias, etc—Continued.					
Lunch counters, refreshment stands, etc:					
Box lunches	161	179	1,123	1,278	6,335
Refreshment stands	7,764	8,003	5,409	5,014	46,005
Fountains—lunches	1,906	1,658	11,982	12,207	64,565
Lunch counters	17,119	18,446	25,966	25,018	162,181
Soft-drink stands	10,393	10,825	3,742	3,858	42,892
Lumber and building group	52,814	43,480	215,830	359,985	2,621,064
Lumber and [illegible] lers:					
Lumber dealers	16,911	10,167	96,926	163,437	1,471,745
Lumber and hardware	6,139	3,242	28,868	45,730	457,660
Roofing	2,868	3,165	7,728	11,453	46,160
Dealers in any other single building material	459	482	961	1,235	5,718
Electrical shops (without radio)	4,858	4,895	14,278	23,539	110,131
Heating and plumbing shops:					
Heating appliances and oil burners	1,915	993	10,366	20,320	70,737
Plumbing shops—heating and ventilating	10,794	11,966	35,723	60,003	263,540
Paint and glass stores:					
Glass and mirror shops	588	609	1,093	1,853	9,552
Paint and glass stores	8,282	7,961	19,887	31,415	185,820
Other retail stores	369,448	270,217	595,920	867,949	7,756,941
Hardware stores	25,330	27,692	48,709	73,272	706,053
Hardware and farm implement stores:					
Farm implements, machinery and equipment dealers	4,980	5,777	7,316	10,591	174,975
Farm implement dealers with hay, grain, and feed	673	721	1,587	2,119	46,818
Hardware and farm implement stores	6,589	7,909	16,130	22,396	296,714
Farmers' supplies:					
Feed stores (flour, feed, grain, fertilizer)	9,953	9,835	15,823	20,035	480,305
Fertilizer stores	1,213	1,234	612	692	21,669
Harness shops	2,567	2,741	1,051	1,370	16,266
Irrigation and drainage equipment and supplies (retail)	46	50	208	346	1,608
Farmers' supply stores	306	300	898	1,216	15,377
Seeds, bulbs, and nursery stock	1,489	1,380	7,884	11,305	70,640
Cooperage—barrels, boxes, crates, casks	119	113	310	365	2,962
Coal and feed stores	4,093	4,193	11,803	16,429	287,707
Grain elevators (sales at retail)	221	189	508	647	17,495
Feed stores with groceries	7,127	8,306	8,163	8,634	205,236
Bookstores:					
Bookstores	2,720	2,358	12,397	18,209	116,371
Circulating libraries	89	93	68	74	650
Cigar stores and cigar stands:					
Cigar stores with fountains	2,234	2,179	3,555	4,253	44,732
Cigar stands	12,239	13,416	10,863	12,219	97,947
Cigar stores without fountains	18,775	18,387	13,115	17,763	267,384
Coal and wood yards—ice dealers: [5]					
Coal and wood yards	15,444	14,787	65,810	101,158	929,829
Ice dealers	3,674	2,942	14,408	20,189	83,540
Drug stores:					
Drug stores without fountains	23,414	24,381	42,467	58,828	541,139
Drug stores with fountains	34,844	33,034	106,113	136,915	1,149,260
Florists	9,328	10,015	22,964	30,760	176,201
Gifts, novelties, and toys—cameras:					
Toy shops	620	613	886	1,061	11,544
Art and gift shops	2,959	3,097	3,591	4,304	38,594
Novelty and souvenir shops	2,227	2,348	2,294	2,349	22,908
Camera dealers—photographic supplies	710	653	3,037	4,251	28,810
Jewelry stores:					
Jewelry stores (installment credit)	837	420	7,450	14,464	93,413
Jewelry stores	19,161	19,562	30,823	55,098	442,868
Luggage and leather goods	1,367	1,255	2,829	4,556	40,312
Music stores (without radio)	2,232	1,943	5,410	8,915	54,742
News dealers	10,285	8,608	16,101	14,890	149,866
Office, school, and store supplies and equipment dealers:					
Office and school supplies	1,176	922	6,832	10,741	61,825
Office and store mechanical appliance dealers (retail)	1,284	347	14,108	30,786	112,756
Office and store furniture and equipment dealers	988	593	6,783	13,315	89,623
Store fixture dealers	348	314	1,163	2,355	16,670
Typewriter dealers	878	476	6,443	11,630	43,150
Opticians and optometrists	3,001	2,687	5,014	10,132	50,000

[5] See also Coal and feed stores above.

No. 776.—Retail Trade: By Kind of Business, 1929—Continued

[All money figures in thousands of dollars]

Kind of business	Number of stores	Proprietors and firm members	Employees (full time)	Salaries and wages, total	Net sales
Other retail stores—Continued.					
Sporting-goods stores, including athletic and playground equipment:					
Sporting goods specialty stores	1,238	1,227	3,190	5,045	44,888
Sporting goods stores with toys and stationery	675	678	1,366	1,941	19,894
Athletic and playground equipment	17	12	52	80	683
Scientific and medical instruments and supplies, at retail	574	399	2,827	4,947	31,166
Stationers and printers:					
Blank books, accounting and legal forms	80	46	510	1,053	4,384
Paper and paper products stores	135	125	413	631	4,700
Printers and lithographers	1,084	1,121	1,726	2,662	11,638
Stationers and engravers	1,572	1,457	7,678	11,730	72,566
Monuments and tombstones	2,564	2,897	4,990	8,770	48,653
Miscellaneous classifications (combined)	25,969	26,385	47,652	72,461	510,511
Secondhand stores	15,065	16,099	14,828	20,162	148,068
Tires, accessories, and parts (secondhand)	2,820	3,145	3,755	4,685	25,843
Furniture stores (secondhand)	5,643	6,042	3,326	3,959	37,749
Pawn shops (sales)	1,509	1,599	2,396	4,331	35,537
Clothing and shoe stores (secondhand)	2,606	2,697	1,027	1,109	12,042
Building materials and hardware stores (secondhand)	429	421	1,536	2,088	9,286
Book stores (secondhand)	175	172	193	320	2,372
Office appliances (secondhand)	112	114	299	422	2,132
Radios, phonographs, musical instruments (secondhand)	81	86	38	47	497
Other secondhand stores	1,690	1,823	2,258	3,201	22,610

Source: Bureau of the Census, Department of Commerce.

No. 777.—RETAIL SALES FOR INDIVIDUAL CITIES OF 50,000 OR MORE INHABITANTS, 1929

[Net sales in thousands of dollars. For population of cities see Table 20, p. 20]

City	Number of stores	Employees (full-time)	Net sales	City	Number of stores	Employees (full-time)	Net sales
Akron, Ohio	3,057	11,606	140,469	Cicero, Ill	819	1,251	21,502
Albany, N. Y	1,909	8,669	102,257	Cincinnati, Ohio	6,950	25,933	291,083
Allentown, Pa	1,401	5,402	59,666	Cleveland, Ohio	12,470	46,497	534,061
Altoona, Pa	1,171	3,978	39,092	Cleveland Heights, Ohio	294	968	12,403
Asheville, N. C	664	2,936	29,519	Columbia, S. C	803	3,179	28,689
Atlanta, Ga	3,754	19,602	180,565	Columbus, Ohio	3,722	16,799	170,930
Atlantic City, N. J	1,649	6,331	70,495	Covington, Ky	857	1,962	25,722
Augusta, Ga	898	2,683	24,307	Dallas, Tex	3,445	17,222	178,927
Austin, Tex	756	2,855	31,047	Davenport, Iowa	918	4,130	43,684
Baltimore, Md	12,285	38,907	406,352	Dayton, Ohio	2,010	10,481	118,507
Bayonne, N. J	1,403	1,613	29,381	Dearborn, Mich	265	883	14,580
Beaumont, Tex	759	3,514	36,231	Decatur, Ill	844	3,109	32,709
Berkeley, Calif	1,114	2,606	32,538	Denver, Colo	4,426	19,404	194,163
Bethlehem, Pa	913	1,944	23,387	Des Moines, Iowa	2,031	8,848	89,665
Binghamton, N. Y	1,226	4,178	52,329	Detroit, Mich	17,169	60,013	890,189
Birmingham, Ala	2,799	13,669	129,365	Duluth, Minn	1,286	5,564	55,851
Boston, Mass	9,972	66,244	672,760	Durham, N. C	667	1,891	21,269
Bridgeport, Conn	2,181	6,501	79,410	East Chicago, Ind	752	1,204	17,406
Brockton, Mass	888	2,960	35,004	East Orange, N. J	821	2,056	29,621
Buffalo, N. Y	9,786	28,003	342,855	East St. Louis, Ill	1,057	2,657	33,109
Cambridge, Mass	1,494	4,472	54,904	Elizabeth, N. J	2,171	3,823	60,156
Camden, N. J	1,839	4,418	54,320	El Paso, Tex	1,308	5,289	54,993
Canton, Ohio	1,433	5,308	63,991	Erie, Pa	1,881	4,999	59,033
Cedar Rapids, Iowa	821	3,062	34,932	Evanston, Ill	834	3,994	49,210
Charleston, S. C	830	2,682	25,105	Evansville, Ind	1,588	4,803	47,634
Charleston, W. Va	886	3,693	42,839	Fall River, Mass	1,551	4,012	45,997
Charlotte, N. C	954	4,891	48,135	Flint, Mich	1,754	7,031	93,444
Chattanooga, Tenn	1,345	5,721	58,048	Fort Wayne, Ind	1,459	6,353	69,626
Chester, Pa	1,107	2,041	20,689	Fort Worth, Tex	1,981	9,103	99,859
Chicago, Ill	43,576	177,969	2,127,520	Fresno, Calif	1,451	4,036	52,654

No. 777.—Retail Sales for Individual Cites of 50,000 or more Inhabitants, 1929—Continued

[Net Sales in thousands of dollars]

City	Number of stores	Employees (full-time)	Net sales	City	Number of stores	Employees (full-time)	Net sales
Galveston, Tex	824	2,628	26,966	Passaic, N. J	1,046	1,971	32,688
Gary, Ind	1,283	3,821	48,246	Paterson, N. J	2,166	5,683	85,026
Glendale, Calif	999	2,844	36,805	Pawtucket, R. I	1,056	3,154	40,763
Grand Rapids, Mich	2,560	9,862	114,532	Peoria, Ill	1,432	7,087	70,345
Greensboro, N. C	630	2,677	26,830	Philadelphia, Pa	33,905	102,032	1,083,914
Hamilton, Ohio	661	2,111	28,150	Pittsburgh, Pa	8,547	41,518	441,143
Hammond, Ind	666	2,325	29,882	Pontiac, Mich	833	3,196	44,477
Hamtramck, Mich	648	1,253	19,787	Port Arthur, Tex	491	1,726	21,731
Harrisburg, Pa	1,859	5,619	57,542	Portland, Me	1,225	5,383	56,281
Hartford, Conn	2,313	12,173	128,802	Portland, Oreg	5,150	19,746	208,601
Highland Park, Mich	488	1,929	30,859	Providence, R. I	4,036	16,498	173,489
Hoboken, N. J	1,095	1,593	24,358	Pueblo, Colo	706	2,441	26,944
Holyoke, Mass	1,028	2,511	29,141	Quincy, Mass	869	2,539	32,745
Houston, Tex	3,825	17,229	184,680	Racine, Wis	1,139	2,883	40,738
Huntington, W. Va	916	3,000	33,361	Reading, Pa	1,791	6,100	72,790
Indianapolis, Ind	4,911	22,984	220,628	Richmond, Va	2,558	10,614	104,043
Irvington, N. J	583	951	20,436	Roanoke, Va	985	4,035	42,782
Jackson, Mich	753	3,453	41,548	Rochester, N. Y	5,144	18,370	206,492
Jacksonville, Fla	2,027	7,536	65,910	Rockford, Ill	1,158	4,610	56,510
Jersey City, N. J	4,369	7,676	121,085	Sacramento, Calif	1,567	5,700	73,169
Johnstown, Pa	946	3,934	42,851	Saginaw, Mich	1,040	3,664	47,444
Kalamazoo, Mich	812	3,187	41,973	St. Joseph, Mo	1,217	4,440	44,627
Kansas City, Kans	1,589	3,143	40,517	St. Louis, Mo	12,571	45,574	471,950
Kansas City, Mo	6,188	34,297	349,918	St. Paul, Minn	3,129	15,287	170,733
Kenosha, Wis	690	1,646	25,030	Salt Lake City, Utah	1,546	8,482	89,427
Knoxville, Tenn	1,382	5,618	55,027	San Antonio, Tex	3,315	12,904	120,259
Lakewood, Ohio	609	1,495	22,524	San Diego, Calif	2,349	7,814	94,772
Lancaster, Pa	941	3,674	39,678	San Francisco, Calif	10,349	44,307	474,683
Lansing, Mich	981	4,406	55,801	San Jose, Calif	1,032	3,976	46,942
Lawrence, Mass	1,220	2,725	36,916	Savannah, Ga	1,225	3,996	33,611
Lincoln, Nebr	986	4,797	50,034	Schenectady, N. Y	1,418	4,356	60,419
Little Rock, Ark	1,040	4,680	46,733	Scranton, Pa	2,336	7,616	77,772
Long Beach, Calif	2,107	5,958	78,252	Seattle, Wash	5,625	23,628	252,169
Los Angeles, Calif	17,887	76,584	875,775	Shreveport, La	940	4,436	40,192
Louisville, Ky	3,952	16,092	152,850	Sioux City, Iowa	1,059	4,857	52,145
Lowell, Mass	1,535	4,071	44,650	Somerville, Mass	905	2,368	30,200
Lynn, Mass	1,445	4,466	51,714	South Bend, Ind	1,522	5,725	67,949
Macon, Ga	590	3,005	25,572	Spokane, Wash	1,606	6,766	74,889
Madison, Wis	973	3,907	46,813	Springfield, Ill	1,040	4,520	45,693
Malden, Mass	761	2,053	25,837	Springfield, Mass	2,233	9,579	107,587
Manchester, N. H	1,124	3,112	37,706	Springfield, Mo	865	2,876	30,363
McKeesport, Pa	812	2,354	27,540	Springfield, Ohio	968	3,084	36,119
Medford, Mass	387	922	12,300	Syracuse, N. Y	3,128	11,953	136,592
Memphis, Tenn	3,147	15,381	151,235	Tacoma, Wash	1,604	5,300	61,745
Miami, Fla	2,386	6,618	72,804	Tampa, Fla	1,875	4,963	48,706
Milwaukee, Wis	8,669	29,361	353,894	Terre Haute, Ind	1,260	3,690	37,689
Minneapolis, Minn	5,939	29,103	298,576	Toledo, Ohio	3,724	15,227	180,023
Mobile, Ala	943	3,829	33,062	Topeka, Kans	935	4,116	41,578
Montgomery, Ala	850	3,573	31,875	Trenton, N. J	1,908	6,270	75,061
Mount Vernon, N. Y	896	2,656	38,268	Troy, N. Y	1,148	3,670	45,830
Nashville, Tenn	1,843	8,959	90,024	Tulsa, Okla	1,586	8,868	91,654
Newark, N. J	7,153	26,208	322,778	Union City, N. J	1,356	2,573	39,176
New Bedford, Mass	1,892	4,583	51,758	Utica, N. Y	1,700	4,809	56,978
New Britain, Conn	601	1,482	22,795	Waco, Tex	936	3,394	33,340
New Haven, Conn	3,225	9,428	113,880	Washington, D. C	5,931	31,453	336,262
New Orleans, La	7,912	19,999	162,948	Waterbury, Conn	1,577	4,130	51,568
New Rochelle, N. Y	766	2,749	37,863	Wheeling, W. Va	990	3,995	42,487
Newton, Mass	512	1,632	20,744	Wichita, Kans	1,599	7,150	79,741
New York, N. Y	103,036	316,570	4,272,633	Wilkes-Barre, Pa	1,916	5,933	57,668
Niagara Falls, N. Y	1,118	3,168	38,402	Wilmington, Del	1,990	5,688	69,245
Norfolk, Va	2,133	7,368	67,087	Winston-Salem, N. C	894	3,027	31,856
Oakland, Calif	5,061	16,489	201,637	Worcester, Mass	2,338	9,528	109,101
Oak Park, Ill	510	2,661	32,741	Yonkers, N. Y	1,851	3,689	60,834
Oklahoma City, Okla	2,432	10,952	118,614	York, Pa	1,111	3,436	35,689
Omaha, Nebr	2,663	11,577	118,184	Youngstown, Ohio	2,040	8,977	96,875
Pasadena, Calif	1,419	5,215	60,035				

Source: Bureau of the Census, Department of Commerce.

No. 778.—INDEXES OF VALUES OF SALES BY DEPARTMENT STORES: BY FEDERAL RESERVE DISTRICTS AND BY MONTHS

NOTE.—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. Sales are much affected by changes in price levels

[1923–1925 average=100]

Year	United States	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City [1]	Dallas	San Francisco
1919	78	78	76	79	77	84	94	------	-------	93	-------	98	68
1920	94	91	91	93	98	93	113	------	-------	105	-------	117	83
1921	87	89	87	89	86	89	96	81	90	97	-------	97	79
1922	88	92	89	91	87	86	90	84	89	93	-------	90	83
1923	98	98	96	101	100	97	100	99	99	99	-------	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	102	100	104	105
1926	106	105	109	102	102	107	106	109	105	99	95	109	110
1927	107	106	111	98	102	105	107	110	103	97	96	106	113
1928	108	104	112	96	101	106	107	117	104	90	97	108	117
1929	111	106	117	96	103	110	104	119	105	86	96	110	120
1930	102	100	113	89	92	106	95	105	94	85	95	100	113
1931	91	91	104	78	80	100	84	89	82	76	82	84	100
1932	69	71	81	62	59	81	64	67	63	60	64	63	76
1933	67	65	76	59	59	77	64	66	60	57	63	64	72

Month	United States—Unadjusted					United States—With seasonal adjustment				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
January	90	88	79	64	49	110	107	97	78	60
February	91	89	80	64	49	111	108	98	78	60
March	107	93	92	69	50	112	107	97	72	57
April	103	110	101	74	68	110	107	106	79	67
May	109	105	97	72	67	109	105	97	72	67
June	108	98	90	66	64	113	103	95	69	68
July	79	71	65	46	49	109	100	91	65	70
August	84	77	67	49	59	111	102	88	65	77
September	117	103	87	71	73	114	99	84	68	70
October	122	112	93	75	77	112	102	86	69	70
November	125	113	95	73	75	108	98	83	63	65
December	191	165	142	106	121	108	94	81	60	69

[1] Monthly average sales in 1925=100.

No. 779.—INDEXES OF VALUE OF SALES OF MAIL-ORDER HOUSES AND 5-AND-10-CENT CHAIN STORES

NOTE.—Indexes for mail-order houses cover two companies [illegible]. The number of chain-store companies reporting varied from year to year, but in [illegible] has been made for these variations. No adjustment has been made, however, for [illegible] of increase in the number of stores operated by the individual companies, which accounts for a considerable part of the increase in the indexes. In the monthly indexes for both mail-order houses and chain stores, allowance has been made for the varying number of business days in the different months; the chain-store indexes have also been adjusted for seasonal variations. Sales are much affected by changes in price levels

[1923–1925 average=100]

Year	Mail-order houses [1]	5-and-10-cent (variety) chains [2]	Month	Mail-order houses [1]			5-and-10-cent (variety) chains [2]		
				1931	1932	1933	1931	1932	1933
1922	70	74	January	125	100	81	162	155	135
1923	89	88	February	129	106	85	163	156	138
1924	98	99	March	130	98	80	159	146	121
1925	113	113	April	157	120	111	168	141	140
1926	121	125	May	157	121	114	168	138	130
1927	126	138	June	149	120	117	162	138	137
1928	148	150	July	131	100	105	149	135	142
1929	188	164	August	130	98	117	160	127	139
1930	169	160	September	144	123	141	156	135	151
1931	144	157	October	152	137	155	152	133	132
1932	117	135	November	150	129	163	147	129	130
1933	122	134	December	177	155	194	144	117	135

[1] Includes mail-order and store sales.

[2] Some of the companies included do not limit the sales prices of individual articles to 10 cents, some selling as high as $1, but all come within the broad classification popularly known as "10-cent stores."

Source Tables 778 and 779: Federal Reserve Board and Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 780.—HOTELS OPERATING THE ENTIRE YEAR 1929 AND FROM 2 TO 8 MONTHS OF 1929: SUMMARY OF STATISTICS

NOTE.—The hotel census is confined to hotels in the [illegible] not i[illegible] and [illegible] An [illegible] or rooms and meals. A hotel is classed as [illegible] if more than 75 per cent of its patrons are "transient" or "permanent," respectively

[Receipts and salaries and wages in thousands of dollars]

	Total	Plan of operation			Type of occupancy		
		European	American	Mixed American and European	Mainly transient	Mainly permanent	Mixed transient and permanent
HOTELS OPERATING ENTIRE YEAR							
Number of hotels	13,328	10,907	1,097	1,324	4,941	1,702	6,685
Owned by corporations	3,047	2,549	243	255	1,262	424	1,361
Owned by individuals and partnerships	10,281	8,358	854	1,069	3,679	1,278	5,324
Number of guest rooms	1,134,957	969,172	78,020	87,765	438,959	151,900	544,098
Seating capacity of dining rooms	610,702	382,581	109,497	118,684	319,216	52,069	239,477
Receipts, total	962,801	799,740	90,663	81,398	482,542	99,102	381,157
Rooms	485,076	485,076	----------	----------	223,208	61,871	199,997
Meals	223,502	223,502	----------	----------	140,945	11,943	70,614
Rooms and meals	157,056	----------	80,917	76,139	60,613	19,674	76,769
Other sources	97,167	82,162	9,746	5,259	57,776	5,614	33,777
All employees:							
Number, average for the year [1]	291,259	237,531	28,457	25,271	151,367	26,527	113,365
Male	158,997	130,919	15,137	12,941	83,216	13,682	62,099
Female	132,262	106,612	13,320	12,330	68,151	12,845	51,266
Salaries and wages	257,034	213,406	23,713	19,915	130,854	25,005	101,175
Dining and lunch room and kitchen employees—							
Average for the year [1]	100,140	75,022	13,120	11,998	56,677	7,152	36,311
Male	60,480	47,138	6,943	6,399	33,537	4,581	22,362
Female	39,660	27,884	6,177	5,599	23,140	2,571	13,949
Salaries and wages	84,428	65,556	10,066	8,806	47,362	6,175	30,891
All other employees:							
Average for the year [1]	191,119	162,509	15,337	13,273	94,690	19,375	77,054
Male	98,517	83,781	8,194	6,542	49,679	9,101	39,737
Female	92,602	78,728	7,143	6,731	45,011	10,274	37,317
Salaries and wages	172,606	147,850	13,647	11,109	83,492	18,830	70,284
Proprietors and firm members	14,968	11,874	1,366	1,728	5,645	1,694	7,629
Male	10,160	8,268	854	1,038	3,978	1,093	5,089
Female	4,808	3,606	512	690	1,667	601	2,540
HOTELS OPERATING 2 TO 8 MONTHS							
Number of hotels	2,249	370	1,537	342	646	324	1,279
Owned by corporations	541	104	360	77	210	78	253
Owned by individuals and partnerships	1,708	266	1,177	265	436	246	1,026
Number of guest rooms	158,939	26,250	108,872	23,817	50,502	23,559	84,878
Seating capacity of dining rooms	274,571	16,478	210,098	47,995	80,422	43,699	150,450
Receipts, total	76,562	8,849	58,386	9,327	25,465	13,877	37,220
Rooms	5,582	5,582	----------	----------	2,764	394	2,424
Meals	2,631	2,631	----------	----------	1,533	139	959
Rooms and meals	63,224	----------	54,348	8,876	18,761	12,421	32,042
Other sources	5,125	636	4,038	451	2,407	923	1,795
Employees, number:							
April	9,883	1,262	7,565	1,056	4,180	1,626	4,077
July	55,818	3,785	43,978	8,055	16,894	9,229	29,695
October	10,064	1,925	6,649	1,490	2,821	1,629	5,614
December	14,999	3,357	10,253	1,389	6,543	2,629	5,827
Salaries and wages, all employees	15,814	1,868	11,936	2,010	5,405	2,776	7,633
Proprietors and firm members	2,777	331	1,938	458	712	406	1,659
Male	1,661	247	1,137	277	451	242	968
Female	1,116	134	801	181	261	164	691

[1] Based on the reported number of employees as of the 15th of April, July, October, and December.

Source: Bureau of the Census, Department of Commerce.

34.—CONSTRUCTION

No. 781.—CONSTRUCTION CONTRACTS AWARDED

NOTE [illegible]

[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	4,759	1,141	1,383	2,820	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	1,193	1,500
1933	85,217	40,479	18,189	3,776	13,172	2,023	2,197	546	1,394	1,216	2,225
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
Floor space of buildings:											
1925	[illegible]			66,900			61,308	14,036	8,293	18,869	31,565
1926				75,705			54,565	14,790	7,856	16,371	29,872
1927				68,130			55,475	18,803	9,941	17,191	32,381
1928							62,983	20,004	11,287	15,398	26,691
1929							60,644	19,494	12,626	12,817	19,709
1930							53,550	19,120	17,024	10,862	14,606
1931							37,372	16,881	24,256	5,578	13,287
1932							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

[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 chang [illegible] for the "Factories" class exclude data for power plants for all years and for p [illegible] arate figures not available for years prior to 1929), which data are included wit [illegible]

[3] Figures for the 37 [illegible] 11 States in the Mountain and Pacific divisions.

Source: The F. W. Dodge Corporation.

No. 782.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES: BY MONTHS[1]

NOTE.—See headnote, Table 781

Month	Value of construction (thousands of dollars)					Floor space of buildings[2] (thousands of square feet)				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
Total	5,750,791	4,523,115	3,092,850	1,351,159	1,255,708	779,747	494,809	357,789	152,829	143,170
January	406,468	323,975	227,956	84,798	83,356	57,356	31,037	24,002	12,301	7,620
February	361,274	317,053	235,405	89,046	52,712	53,465	36,157	28,017	12,123	7,234
March	484,588	456,119	369,981	112,235	59,969	76,531	52,920	37,362	16,728	9,773
April	642,061	482,877	336,925	121,705	56,573	84,375	54,502	38,486	13,675	10,786
May	587,706	457,416	306,079	146,221	77,172	80,445	52,512	38,484	15,561	14,877
June	529,891	600,573	316,148	113,075	102,342	70,751	46,263	32,370	12,189	15,345
July	652,436	366,878	285,997	128,769	82,554	74,873	43,466	32,262	14,134	14,304
August	488,882	346,644	233,106	133,988	105,989	65,483	38,364	29,793	13,659	12,706
September	444,402	331,864	251,110	127,527	120,134	58,466	39,592	29,566	13,271	12,767
October	445,642	336,706	242,094	107,274	145,367	64,389	39,108	30,365	10,896	15,199
November	391,013	253,574	151,196	105,302	162,341	50,471	32,598	20,179	11,525	11,486
December	316,368	249,436	136,852	81,219	207,210	43,141	28,290	16,903	6,768	11,074

[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 781.

Source: The F. W. Dodge Corporation.

No. 783.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES: BY TERRITORIES

NOTE.—See he[illegible]hire, Vermont, Massach u
setts, Rhode
Jersey, New
State New Y
eastern Penn
Pittsburgh i
consists of the souther
southern Wisconsin.
gan, and northwest W
sas, western Tennesse
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]			
	1930	1931	1932	1933	1930	1931	1932	1933
Total	4,523,115	3,092,850	1,351,159	1,255,708	494,809	357,789	152,829	143,170
New England	354,466	295,019	114,053	120,696	45,310	36,345	15,425	13,982
Metropolitan New York and vicinity	938,693	725,061	190,678	176,618	120,411	106,872	26,819	27,117
Up-State New York	188,164	169,718	75,955	76,671	18,266	15,701	7,868	6,598
Middle Atlantic	538,636	356,807	227,615	136,101	58,411	41,677	30,300	19,982
Pittsburgh	567,796	309,540	151,612	146,866	56,090	32,268	13,633	13,365
Southern Michigan	173,537	90,611	41,715	47,969	22,959	11,206	5,044	4,907
Chicago	560,291	345,583	152,842	121,885	53,598	33,155	13,578	13,800
Central Northwest	93,712	93,815	61,516	44,072	10,373	8,686	4,305	4,325
St. Louis	245,878	120,750	83,077	80,775	18,198	11,680	5,810	7,051
Kansas City	300,284	153,496	76,681	73,751	25,094	14,481	6,241	7,173
Texas	186,026	157,093	56,238	59,652	22,331	16,384	6,943	8,217
New Orleans	102,037	126,484	35,921	43,621	9,708	7,446	4,800	2,857
Southeastern	268,596	148,932	83,260	127,033	33,561	21,888	12,058	13,798

[1] Figures do not include data for floor space for public works and public utilities.

Source: The F. W. Dodge Corporation.

No. 784.—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 [illegible] 50,000 or over in 1930. The estimated cost of new build- [illegible] 1921 is as follows: [illegible] $2,995,000 [illegible] 4 [illegible] 000,000. [illegible] constructed may differ considerably from that originally estimated

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
Akron, Ohio	5,560	2,421	1,506	908	690	21,640	8,777	1,939	804	689
Albany, N. Y	1,784	1,612	1,229	1,172	1,402	9,035	9,004	6,061	3,896	1,521
Allentown, Pa	1,388	671	428	329	277	4,510	2,270	968	1,093	674
Altoona, Pa	1,932	1,481	1,016	634	511	1,984	1,369	745	170	119
Asheville, N. C	598	383	267	201	180	2,236	422	234	96	150
Atlanta, Ga	2,946	3,043	3,239	2,393	1,768	12,564	8,446	3,471	3,520	946
Atlantic City, N. J	701	593	663	1,233	858	7,483	1,401	843	825	403
Augusta, Ga	1,884	989	964	624	467	1,137	715	732	420	372
Austin, Tex	1,139	1,234	1,435	1,104	1,176	4,477	3,335	2,471	5,565	1,609
Baltimore, Md	19,332	16,943	15,680	12,364	7,978	33,175	27,821	24,691	13,663	7,465
Bayonne, N. J	329	226	240	293	234	1,107	792	448	195	303
Beaumont, Tex	1,852	1,561	1,046	772	725	2,582	2,606	1,021	711	275
Berkeley, Calif	1,806	1,541	1,143	940	749	6,369	2,986	1,900	1,097	786
Bethlehem, Pa	604	381	177	113	75	2,905	1,065	443	239	100
Binghamton, N. Y	2,747	2,814	2,590	2,654	2,835	3,988	2,255	969	1,484	864
Birmingham, Ala	3,071	2,542	1,716	1,240	919	8,234	2,420	1,937	699	515
Boston, Mass.[1]	8,169	7,496	7,694	5,964	5,513	53,834	26,906	33,968	11,695	7,562
Bridgeport, Conn	1,172	1,140	938	581	484	4,242	2,618	2,753	1,249	566
Brockton, Mass	927	772	614	482	404	1,467	1,113	830	495	326
Buffalo, N. Y	4,326	3,763	3,568	2,240	1,919	24,128	14,825	9,338	4,067	2,371
Cambridge, Mass	941	773	650	490	513	12,166	11,063	4,991	1,977	1,321
Camden, N. J	1,131	832	609	301	311	6,164	2,582	1,130	445	223
Canton, Ohio	1,507	930	627	319	333	3,456	1,585	640	378	88
Cedar Rapids, Iowa	1,216	1,227	1,177	1,004	1,001	2,906	2,032	1,606	436	416
Charleston, S. C	673	438	400	466	330	671	1,103	414	244	361
Charleston, W. Va	719	456	325	381	324	2,241	6,881	1,050	491	280
Charlotte, N. C	1,086	824	641	397	279	3,729	2,588	1,318	602	736
Chattanooga, Tenn	3,218	2,978	2,349	1,622	1,706	2,261	2,934	1,230	2,185	631
Chester, Pa	343	252	146	61	68	1,099	1,139	681	126	63
Chicago, Ill	16,849	10,380	6,613	3,872	3,166	210,798	85,749	66,694	12,881	5,729
Cicero, Ill	562	241	142	93	74	3,609	1,117	1,071	66	57
Cincinnati, Ohio	8,971	6,667	5,395	3,861	3,687	31,037	33,161	21,467	7,820	4,194
Cleveland, Ohio	9,863	7,637	6,645	3,612	3,005	37,783	32,554	11,991	12,048	2,750
Columbia, S. C	620	535	559	506	292	1,255	1,903	2,073	631	143
Columbus, Ohio	3,557	2,594	1,738	1,074	908	10,613	5,616	3,369	1,868	2,136
Covington, Ky	409	343	347	212	123	1,479	629	761	197	160
Dallas, Tex	3,251	3,325	3,071	2,409	3,044	9,660	11,028	4,348	2,222	1,821
Davenport, Iowa	1,489	1,557	1,493	1,157	2,237	2,342	2,462	1,252	712	432
Dayton, Ohio	2,017	1,697	1,396	744	640	6,343	5,958	2,895	939	598
Decatur, Ill	839	447	252	158	136	3,890	1,991	781	179	158
Denver, Colo	6,111	5,043	4,183	3,523	3,421	16,576	7,648	6,828	3,001	1,881
Des Moines, Iowa	1,171	1,113	1,171	953	899	4,082	4,011	3,033	1,895	751
Detroit, Mich	26,554	15,313	10,082	5,159	4,079	100,567	48,369	23,435	8,740	4,053
Duluth, Minn	1,700	1,390	1,472	919	920	3,686	2,168	948	1,352	1,014
Durham, N. C	284	233	191	152	199	1,863	1,047	693	667	538
East Chicago, Ind	525	367	215	58	117	5,307	1,801	605	76	184
East Orange, N. J	769	678	644	353	444	5,946	2,627	1,411	665	258
East St. Louis, Ill	895	506	468	321	279	2,392	1,365	1,052	272	192
Elizabeth, N. J	731	433	292	216	401	4,095	2,384	2,348	385	618
El Paso, Tex	1,181	1,123	697	419	361	4,325	2,937	949	376	281
Erie, Pa	1,694	1,480	1,220	685	484	6,431	3,302	2,711	673	544
Evanston, Ill	736	513	354	224	183	8,196	3,103	3,251	789	400
Evansville, Ind	1,354	1,639	1,055	814	1,224	4,421	1,761	1,188	485	281
Fall River, Mass	607	561	537	428	378	792	1,189	697	447	183
Flint, Mich	6,717	3,104	2,103	992	1,094	14,684	3,994	1,966	262	420
Fort Wayne, Ind	1,927	1,351	1,311	595	439	7,039	3,099	3,188	1,623	761
Fort Worth, Tex	3,237	2,616	1,923	1,325	922	11,262	10,463	6,345	1,432	2,626
Fresno, Calif	1,784	1,496	1,437	1,088	964	1,699	1,333	1,007	893	546
[illegible]	1,895	1,376	1,371	1,454	1,033	3,613	1,717	2,543	877	454
[illegible]	1,162	743	340	89	131	3,146	1,177	983	130	113
[illegible]	4,415	2,640	1,664	1,002	700	6,087	2,922	1,147	1,513	415
[illegible]	710	471	511	393	360	3,134	766	1,135	209	256

[1] Applications filed.

No. 784.—Building Permits Issued in Principal Cities—Continued

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
Hamilton, Ohio	756	502	325	361	142	2,411	1,552	467	703	64
Hammond, Ind	777	704	345	190	194	4,154	1,876	3,314	152	190
Hamtramck, Mich	643	322	228	118	140	1,066	1,299	121	54	202
Harrisburg, Pa	778	676	482	350	289	7,958	2,519	2,001	695	464
Hartford, Conn	2,192	1,339	1,331	1,116	1,186	16,144	6,365	4,847	2,068	864
Highland Park, Mich	388	235	142	132	120	2,327	624	117	81	57
Hoboken, N. J	265	272	289	227	271	748	828	567	486	166
Holyoke, Mass	298	250	243	149	149	1,256	1,703	766	237	185
Houston, Tex	3,972	2,741	2,261	963	1,480	29,133	17,265	11,863	2,573	3,084
Huntington, W. Va	306	201	236	237	169	1,455	770	1,096	202	212
Indianapolis, Ind	6,785	4,919	3,229	2,160	2,014	14,844	7,451	9,339	2,546	1,699
Irvington, N. J	567	445	380	242	164	2,134	1,700	1,749	366	199
Jackson, Mich	1,227	736	506	280	226	3,492	698	410	374	184
Jacksonville, Fla	2,557	2,103	2,288	2,331	3,171	4,580	2,410	1,847	2,344	1,530
Jersey City, N. J	1,219	835	725	571	458	14,585	12,167	1,991	1,171	1,130
Johnstown, Pa	522	412	327	214	216	682	696	605	139	82
Kalamazoo, Mich	1,349	973	742	493	444	2,410	1,172	1,085	202	238
Kansas City, Kans	867	673	596	358	381	1,844	1,350	667	288	193
Kansas City, Mo	1,946	1,503	1,396	708	583	14,845	15,663	8,291	1,961	943
Kenosha, Wis	945	522	387	210	190	4,577	1,484	646	248	115
Knoxville, Tenn	1,220	667	526	316	296	5,499	3,627	1,035	1,415	476
Lakewood, Ohio	550	456	391	311	227	1,330	1,482	797	404	183
Lancaster, Pa	671	520	410	202	115	1,982	1,381	538	362	141
Lansing, Mich	1,308	722	470	329	282	8,738	2,065	1,209	523	108
Lawrence, Mass	241	236	350	180	199	854	618	892	235	192
Lincoln, Nebr	980	609	627	394	641	2,560	1,598	1,745	340	358
Little Rock, Ark	1,376	1,496	848	742	733	3,268	2,251	2,771	398	205
Long Beach, Calif	4,949	4,502	3,304	2,449	9,320	18,044	13,058	4,472	3,101	6,384
Los Angeles, Calif	31,722	30,614	25,311	17,122	15,873	93,020	75,357	41,422	17,786	15,396
Louisville, Ky	2,466	1,756	1,174	898	695	13,205	6,937	5,585	2,415	1,627
Lowell, Mass	676	663	537	434	405	704	1,147	627	167	251
Lynn, Mass	1,133	1,041	802	626	523	3,942	2,972	1,521	740	418
Macon, Ga	1,416	674	501	420	391	988	777	564	585	557
Madison, Wis	1,155	845	685	398	377	4,974	2,348	1,345	608	312
Malden, Mass	534	475	495	328	237	1,894	1,133	986	252	144
Manchester, N. H	1,044	1,095	1,045	996	782	1,241	765	826	717	382
McKeesport, Pa	1,320	1,231	815	404	338	1,674	1,052	632	349	136
Medford, Mass	904	625	608	303	242	3,483	1,656	2,243	461	326
Memphis, Tenn	3,178	3,693	2,717	2,059	1,811	8,062	9,501	3,334	1,809	1,625
Miami, Fla	2,511	3,032	2,970	2,354	2,382	3,615	1,917	3,097	1,197	1,722
Milwaukee, Wis	7,501	4,939	3,892	2,165	1,791	37,947	25,285	12,634	4,147	2,207
Minneapolis, Minn	6,054	5,932	5,861	3,889	3,020	20,960	13,449	12,390	6,991	2,821
Mobile, Ala	1,055	680	443	343	432	1,667	1,100	881	639	385
Montgomery, Ala	2,320	1,558	1,194	820	889	2,769	1,274	820	1,187	586
Mt. Vernon, N. Y	577	596	516	293	216	6,179	4,197	3,819	677	608
Nashville, Tenn	2,327	2,062	1,580	1,273	1,016	5,695	5,517	4,403	1,124	1,829
Newark, N. J	2,763	1,882	1,593	1,025	857	28,338	12,379	6,456	5,410	4,594
New Bedford, Mass	581	520	542	423	500	789	982	471	194	233
New Britain, Conn	1,051	592	535	403	379	1,248	896	1,000	317	261
New Haven, Conn	1,323	1,193	1,003	749	626	12,762	15,924	9,491	2,449	1,910
New Orleans, La	1,933	1,227	1,323	1,047	853	11,971	6,487	5,526	3,406	1,251
New Rochelle, N. Y	740	609	485	288	218	7,585	5,669	4,340	715	525
Newton, Mass	1,337	1,048	915	511	567	6,857	5,870	4,882	1,341	1,680
New York, N. Y.:										
Borough of Bronx [1]	7,811	7,507	7,183	5,956	6,640	95,666	56,116	65,399	8,881	20,770
Borough of Brooklyn [1]	13,271	11,503	11,396	8,350	10,222	146,016	70,632	75,534	20,396	19,008
Borough of Manhattan [1]	3,692	3,396	3,202	2,487	2,991	595,522	198,445	137,371	30,496	28,204
Borough of Queens [1]	16,152	17,583	18,899	12,049	11,530	94,510	77,344	76,754	15,982	14,802
Borough of Richmond [1]	2,868	2,539	2,217	1,592	1,477	10,584	7,629	7,805	3,097	3,777
Niagara Falls, N. Y	1,805	1,640	1,305	1,013	897	5,071	3,736	1,249	904	441
Norfolk, Va	1,185	1,092	1,142	966	758	2,730	2,603	1,540	3,991	1,037
Oakland, Calif	4,264	3,154	2,734	2,023	1,722	14,396	9,085	7,223	2,266	1,945
Oak Park, Ill	529	315	240	119	112	5,721	1,861	1,249	600	126
Oklahoma City, Okla	4,280	3,270	1,796	859	625	22,501	26,412	19,019	7,176	2,934
Omaha, Nebr	1,046	854	1,017	740	770	5,581	5,121	3,915	2,228	1,100
Pasadena, Calif	3,834	4,040	3,285	2,978	2,725	6,937	5,886	4,460	1,220	994
Passaic, N. J	976	709	629	569	470	4,870	2,099	604	451	355
Paterson, N. J	2,123	1,785	1,477	1,066	947	4,872	2,088	1,548	1,177	736
Pawtucket, R. I	904	597	525	256	295	1,995	1,847	962	288	273

[1] Applications filed.

No. 784.—Building Permits Issued in Principal Cities—Continued

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
Peoria, Ill	1,207	1,150	807	497	506	3,604	3,436	2,515	584	1,877
[illegible]	10,388	6,430	5,491	4,144	3,577	104,406	53,142	35,265	17,863	12,099
[illegible]	6,128	5,115	4,059	2,401	2,317	35,639	20,730	19,386	9,135	2,695
[illegible]	2,299	572	444	193	206	6,219	1,280	341	77	67
[illegible]	972	1,070	626	398	[2] 243	1,979	2,430	905	87	[2] 44
Portland, Me	1,214	1,173	1,117	922	685	2,133	1,567	1,254	1,067	537
Portland, Oreg	7,646	6,041	4,823	3,435	3,185	15,504	12,063	7,156	2,982	2,385
Providence, R. I	5,046	4,835	4,729	4,004	3,500	14,943	10,742	7,913	2,189	2,325
Pueblo, Colo	1,281	1,028	730	424	406	1,572	538	454	129	97
Quincy, Mass	1,920	1,438	1,312	904	864	4,217	2,724	1,783	687	496
Racine, Wis	1,264	723	333	134	142	4,783	3,924	1,757	205	100
Reading, Pa	2,483	2,417	1,543	843	644	6,111	2,474	2,772	478	327
Richmond, Va	2,151	1,668	1,543	1,119	1,005	9,146	5,951	3,054	1,096	1,025
Roanoke, Va	700	499	422	293	278	2,220	2,606	1,113	257	1,692
Rochester, N. Y	3,429	2,490	2,291	1,785	1,359	13,303	8,011	6,303	3,557	2,078
Rockford, Ill	1,652	1,089	583	249	218	5,083	2,908	647	732	120
Sacramento, Calif	1,101	1,636	1,377	1,373	1,147	4,381	3,029	3,787	2,339	1,349
Saginaw, Mich	1,801	1,054	825	542	507	3,121	2,690	485	288	219
St. Joseph, Mo	558	470	453	274	235	1,404	1,620	431	220	241
St. Louis, Mo	9,533	8,120	6,754	4,387	3,546	27,074	17,322	16,620	4,414	13,068
St. Paul, Minn	5,055	3,780	3,959	2,813	2,750	9,365	10,682	12,652	2,796	4,566
Salt Lake City, Utah	1,089	948	968	518	528	5,691	4,274	3,462	540	571
San Antonio, Tex	4,550	3,234	2,586	2,023	1,538	18,070	8,488	3,272	1,638	2,310
San Diego, Calif	3,811	3,219	2,831	2,067	1,874	11,415	5,426	5,811	2,592	2,539
San Francisco, Calif	5,505	4,951	5,251	3,931	3,439	33,426	22,414	21,442	16,465	58,198
San Jose, Calif	937	755	811	583	558	2,428	3,403	1,803	1,230	1,152
Savannah, Ga	317	187	276	181	918	1,122	1,069	450	155	473
Schenectady, N. Y	1,341	1,390	1,050	754	795	3,431	5,339	1,300	599	660
Scranton, Pa	880	826	744	652	594	2,947	3,190	1,378	2,126	458
Seattle, Wash	7,924	6,577	5,714	3,677	2,980	29,101	30,356	12,483	3,257	1,953
[illegible]	2,838	1,924	1,687	1,332	1,198	3,535	1,542	1,600	455	1,337
[illegible]	748	705	668	328	315	3,130	3,412	1,571	1,141	377
[illegible]	639	555	559	395	354	3,076	1,380	980	556	234
[illegible]	2,445	1,760	1,074	665	470	7,015	3,709	1,329	493	285
[illegible]	2,241	2,169	1,757	1,334	1,209	4,148	3,641	2,176	566	808
Springfield, Ill	1,101	964	850	602	395	3,112	3,179	2,329	714	636
Springfield, Mass	1,367	1,062	827	569	507	5,095	5,703	2,948	1,021	747
Springfield, Mo	522	426	347	329	403	1,525	1,115	2,283	361	325
Springfield, Ohio	1,006	651	428	231	194	1,750	777	1,194	445	60
Syracuse, N. Y	2,512	1,532	1,268	657	590	11,267	5,399	7,000	1,598	646
Tacoma, Wash	2,538	1,621	1,278	800	615	4,053	4,070	2,002	432	534
Tampa, Fla	2,405	2,337	2,642	2,065	1,937	1,858	1,302	741	414	407
Terre Haute, Ind	1,189	879	675	507	438	799	687	228	615	192
Toledo, Ohio	4,802	2,637	1,822	898	921	13,507	10,405	2,295	493	401
Topeka, Kans	897	684	591	435	453	1,751	2,425	2,305	909	260
Trenton, N. J	824	580	565	399	438	3,675	2,449	2,421	707	411
Troy, N. Y	781	713	556	451	467	2,037	3,024	2,201	723	470
Tulsa, Okla	3,161	2,360	1,501	714	646	11,757	8,356	4,389	513	514
Union City, N. J	462	497	534	389	355	855	887	1,075	624	170
Utica, N. Y	486	552	326	207	166	2,497	1,350	1,134	533	619
Waco, Tex	486	360	312	319	252	2,700	1,154	1,779	327	257
Washington, D. C	5,641	4,605	5,819	4,492	3,819	56,128	48,824	52,588	59,927	8,539
Waterbury, Conn	746	541	438	290	281	2,999	2,037	1,187	309	286
Wheeling, W. Va	669	528	421	271	273	1,768	1,121	645	318	343
Wichita, Kans	2,712	1,762	1,132	652	560	8,652	6,308	2,340	1,195	351
Wilkes-Barre, Pa	865	774	696	601	561	3,177	1,669	1,170	780	719
Wilmington, Del	1,537	1,407	1,055	559	573	6,143	4,017	3,297	1,382	2,118
Winston-Salem, N.C	1,568	1,217	1,027	584	553	5,000	1,602	852	403	246
Worcester, Mass	1,925	1,663	1,304	950	932	7,251	6,341	5,592	1,583	1,162
Yonkers, N. Y	1,413	1,134	1,265	810	663	21,366	9,887	10,014	2,595	2,145
York, Pa	974	830	891	674	672	1,458	1,679	792	235	392
Youngstown, Ohio	1,787	1,029	768	473	587	5,894	2,801	1,464	595	543

[2] For 7 months only; August to December not yet available.

Source: Bureau of Labor Statistics, Department of Labor.

No. 785.—BUILDING PERMITS ISSUED, BY CLASSES

NOTE.—See headnote, Table 784. Figures for 1931 represent 360 cities; 1932 and 1933, 364 identical cities.

Class of building	Number of buildings			Proposed cost (1,000 dollars)		
	1931	1932	1933	1931	1932	1933
Grand total, all buildings	414,586	290,793	277,798	1,326,005	523,369	408,581
Total new buildings	174,462	92,253	71,092	1,123,158	412,850	291,558
New residential buildings	63,556	24,912	18,292	458,577	114,491	100,002
1-family dwellings	55,010	22,522	16,713	260,880	87,298	63,461
2-family dwellings	5,608	1,854	1,046	38,888	10,118	6,077
1-family and 2-family dwellings with stores	541	238	188	3,953	1,473	946
Multifamily dwellings	2,177	430	314	132,933	13,025	28,382
Multifamily dwellings with stores	99	32	9	9,453	563	101
Hotels	20	6		2,305	205	
Lodging houses	10	12	6	336	132	81
Other	91	18	16	9,830	1,678	955
New nonresidential buildings	110,906	67,341	52,800	664,581	298,359	191,556
Amusement buildings	551	377	322	24,080	12,858	4,666
Churches	498	267	257	19,100	9,089	5,020
Factories and workshops	1,552	823	862	49,275	17,597	18,464
Public garages	1,092	358	303	11,127	2,645	1,705
Private garages	81,442	44,541	32,990	24,097	10,742	7,363
Service stations	3,905	3,287	2,513	10,551	6,825	5,855
Institutions	247	117	74	58,426	16,806	20,149
Office buildings	286	135	83	107,293	10,316	5,216
Public buildings	409	226	122	123,384	106,508	32,035
Public works and utilities	493	313	197	44,232	25,649	55,098
Schools and libraries	575	206	77	113,697	44,298	10,483
Sheds	9,704	10,260	9,790	2,906	2,539	2,497
Stables and barns	268	284	348	488	331	272
Stores and warehouses	7,170	4,748	4,363	67,108	26,660	21,737
All other	2,714	1,399	499	2,817	5,495	997
Additions, alterations, and repairs	240,124	198,540	206,706	202,848	110,519	117,023

Source: Bureau of Labor Statistics, Department of Labor.

No. 786.—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	Frame house materials, retail prices	Brick house materials, retail prices
	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	-------	49.7	49.2
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	90.5	91.6
1923	104.3	107.6	101.2	102.4	109.1	98.0	102.1	100.9	101.9	102.7	103.0
1924	98.2	95.6	101.0	100.3	100.7	96.4	100.7	101.6	100.1	100.0	100.1
1925	97.6	96.8	97.8	97.3	90.1	105.7	97.2	97.5	98.1	97.2	96.8
1926	96.0	96.2	97.7	94.9	88.2	96.7	96.8	98.1	99.5	96.7	95.9
1927	90.9	89.6	93.5	91.7	83.5	93.1	92.4	97.3	97.2	92.9	92.6
1928	90.3	87.1	93.4	91.0	84.0	90.0	93.6	97.5	96.4	88.4	90.1
1929	91.6	90.3	92.1	87.1	86.5	91.8	94.6	97.6	[7] 95.9	88.0	89.6
1930	86.3	82.6	87.7	87.1	77.0	87.5	90.3	95.7	[7] 94.3	85.9	87.3
1931	76.0	66.9	81.6	75.3	73.3	76.8	82.1	85.5	[7] 88.8	78.7	81.5
1932	68.5	56.3	75.5	73.2	71.3	68.8	77.0	74.0	[7] 84.8	75.0	77.2
1933	73.9	68.0	77.3	81.7	73.3	70.9	80.1	80.3	[7] 85.8	[8] 72.4	[8] 74.4

[1] Beginning 1926 t[illegible] been revised to include additional items no[illegible]g and heating equipment[illegible]

[2] Excludes tile prior to 1926. [3] Composite price. [4] Pitts[illegible]1926.

[6] Based upon the cost of lumber, steel, cement, and the rates paid common labor.

[7] Average of March, June, September, and December.

[8] Average for the 5 months January to May, inclusive; series has been discontinued.

Sources: Wholesale prices, Department of Labor; Construction costs, Engineering News-Record; Standard factory building costs, Aberthaw Construction Co.; Retail prices of frame and brick house building materials in 60 cities, Department of Commerce.

No. 787.—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	828,772
New England	2,780	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	9,992	7,972	2,020	857	3,106	4,091	2,080
Vermont	61	5,878	4,955	923	266	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	226	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	17,280
Middle Atlantic	8,546	2,219,827	1,709,448	510,379	610,855	519,448	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	400,298	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	438,590	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	36,996	52,422	24,706
North Dakota	81	8,388	7,348	1,040	960	1,817	3,557	1,077
South Dakota	70	8,364	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	439,732	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	34,943	29,486	5,457	6,344	7,507	11,733	6,332
Oklahoma	312	56,298	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	73,189	16,916	15,902	21,247	29,218	13,169
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	128,906	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. 788.—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	30,697	6,250,267	4,911,766	1,338,501	1,455,494	1,467,542	2,055,595	823,772
Operative builders	750	153,524	153,519	5	103,142	13,146	22,602	7,418
[illegible]	[illegible]	[illegible]	[illegible]	45,480	1,290,378	914,112	1,188,687	565,179
[illegible]	[illegible]	[illegible]	[illegible]	10,681	1,124,702	502,676	652,167	286,962
[illegible]	[illegible]	[illegible]	[illegible]	10,022	919,417	424,776	527,438	245,043
[illegible]	[illegible]	[illegible]	[illegible]	154	67,126	23,702	25,284	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	102,294	165,341	78,733
Bridge and culvert	475	137,206	129,086	8,120	11,893	35,596	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	42,778
Sewer, gas, water, conduit	494	115,153	113,352	1,801	5,959	36,056	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	2,695	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	2,837	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	1,436	1,152
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	844,306	256,176
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	13,766
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	2,684	32,749	34,191	16,045
Painting and decorating	1,102	83,899	26,858	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	4,633	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	21,026
Steel erection	300	135,716	56,914	78,802	10,498	25,285	71,285	11,661
Stone work	173	27,085	2,913	24,172	1,196	9,265	9,686	4,169
Marble and tiling	851	112,950	14,417	98,533	1,372	34,213	50,626	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	26	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	204	242	290
Foundation	25	22,950	4,877	18,073	3,841	6,922	6,091	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 787.

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.

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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