U.S. DEPARTMENT OF COMMERCE
DANIEL C. ROPER, Secretary
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
WILLARD L. THORP, Director

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LETTER OF SUBMITTAL

DEPARTMENT OF COMMERCE,
BUREAU OF FOREIGN AND DOMESTIC COMMERCE,
Washington, September 1, 1933.

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

The present volume has been prepared in the Division of Economic Research, under the general direction of Ernest A. Tupper, acting chief 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, the Bureau of Fisheries, and the Bureau of Mines of the Department of Commerce; the Bureau of Agricultural Economics and the Weather Bureau of the Department of Agriculture; the Bureau of Immigration and the Bureau of Labor Statistics of the Department of Labor; the Office of Education of the Department of the Interior; the Federal Board for Vocational Education; the Statistical Division of the Income Tax Unit of the Treasury Department; the Veterans' Administration; the Interstate Commerce Commission; the United States Shipping Board; and the Division of Research and Statistics of the Federal Reserve Board.

Respectfully,

WILLARD L. THORP,
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
Aggregate (1930)		**3, 738,395**
Continental United States		**3, 026, 789**
Territory in 1790 [1]		892, 135
Louisiana Purchase	1803	827, 987
Florida	1819	58, 666
By treaty with Spain	1819	13, 435
Texas	1845	389, 166
Oregon	1846	286, 541
Mexican Cession	1848	529, 189
Gadsden Purchase	1853	29, 670
Outlying territories and possessions		**711,606**
Alaska Territory	1867	586,400
Hawaii Territory	1898	6, 407
Philippine Islands	1899	114, 400
Puerto Rico	1899	3, 435
Guam	1899	200
American Samoa	1900	76
Panama Canal Zone	1904	549
Virgin Islands of the U. S.	1917	133

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

Source: Bureau of the Census, Department of Commerce.

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

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

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

Source: Bureau of the Census, Department of Commerce.

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

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

Census year	Area (square miles)			Population				
						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.

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

Source: Bureau of the Census, Department of Commerce.

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

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

Area	Gross area (land and water) in square miles [1]	Population		
		1910	1920	1930
United States, with outlying territories and possessions	**3, 738, 395**	**101, 146, 530**	**117, 823, 165**	**137, 008, 435**
Continental United States	3, 026, 789	91, 972, 266	105, 710, 620	122, 775, 046
Outlying territories and possessions	711, 606	9, 174, 264	12, 112, 545	14, 233, 389
Alaska Territory	586, 400	64, 356	55, 036	59, 278
American Samoa	76	[2] 7, 251	8, 056	10, 055
Guam	206	11, 806	13, 275	18, 509
Hawaii Territory	6, 407	191, 909	255, 912	368, 336
Panama Canal Zone	549	[3] 62, 810	22, 858	39, 467
Puerto Rico	3, 435	1, 118, 012	1, 299, 809	1, 543, 913
Military and naval, etc., services abroad		55, 608	117, 238	89, 453
Philippine Islands	114, 400	[5] 7, 635, 426	[4] 10, 314, 310	[5] 12, 082, 366
Virgin Islands of the United States	133	[6] 27, 086	[7] 26, 051	22, 012
Total Continental United States and incorporated territories (Alaska and Hawaii)	3, 619, 596	92, 228, 531	106, 021, 568	123, 202, 660
Total Statistical Customs Area—Continental United States, Alaska, Hawaii, Puerto Rico	3, 623, 031	93, 346, 543	107, 321, 377	124, 746, 573

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

Source: Bureau of the Census, Department of Commerce.

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

NOTE.—The population of continental United States has been divided by the total land area, although it included at each census some unorganized territory which was not canvassed by the enumerators. For each State or Territory the population as returned at a given census has been divided by the land area as constituted at the time that census was taken. The areas of Indian reservations, outside of Indian Territory, are included in the areas of the several States and Territories, although the population was not ascertained and can not be considered in figuring density of population prior to 1890. The census of 1870 in the Southern States is considered incomplete. Population density in 1930 of Alaska, Hawaii, and Puerto Rico, and of Philippine Islands, December 31, 1918, based on gross area, and not land area, was as follows: Alaska, 0.1; Hawaii, 57.5; Puerto Rico, 440.5; Philippine Islands, 90.0

Division and State	1800	1850	1860	1870	1880	1890	1900	1910	1920	1930
Continental United States	6.1	7.9	10.6	13.0	16.8	21.2	25.6	30.9	35.5	41.3
New England	19.9	44.0	50.8	56.3	64.7	75.8	90.2	105.7	112.4	131.8
Maine	6.1	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	208.7	259.2	323.8	401.6	508.5	566.4	644.3
Connecticut	52.1	76.9	95.5	111.5	129.2	154.8	188.5	231.3	286.4	333.4
Middle Atlantic	14.0	59.0	74.6	88.1	105.0	127.1	154.5	193.2	222.6	282.6
New York	12.4	65.0	81.4	92.0	106.7	126.0	152.5	191.2	217.9	264.2
New Jersey	28.1	65.2	89.4	120.6	150.5	192.3	250.7	337.7	420.0	537.8
Pennsylvania	13.4	51.6	64.8	78.6	95.5	117.3	140.6	171.0	194.5	214.8
East North Central	.2	18.4	28.2	37.2	45.7	54.9	65.2	74.3	87.5	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	30.4	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	8.0	7.6	12.1	17.5	20.3	22.8	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	31.0	39.0	45.2	47.9	49.5	52.8
North Dakota			(2)	(2)	(2)	2.7	4.5	8.2	9.2	9.7
South Dakota			(2)	(2)	(2)	4.5	5.2	7.6	8.3	9.0
Nebraska			.2	1.6	5.9	13.8	13.9	15.5	16.9	17.9
Kansas			1.3	4.5	12.2	17.5	18.0	20.7	21.6	23.0
South Atlantic	8.6	17.4	19.9	21.8	28.2	32.9	38.8	45.3	52.0	58.7
Delaware	32.7	40.6	57.1	63.6	74.6	85.7	94.0	103.0	113.5	121.3
Maryland	34.4	58.6	69.1	78.6	94.0	104.9	119.5	130.3	145.8	164.1
Dist. of Columbia	156.6	891.2	1,294.5	2,270.7	3,062.5	3,972.3	4,645.3	5,517.8	7,292.9	7,852.7
Virginia	13.7	22.1	24.8	30.4	37.6	41.1	46.1	51.2	57.4	60.2
West Virginia				18.4	25.7	31.8	39.9	50.8	60.9	72.0
North Carolina	9.8	17.8	20.4	22.0	28.7	33.2	38.9	45.3	52.5	65.0
South Carolina	11.3	21.9	23.1	23.1	32.6	37.7	44.0	49.7	55.2	57.0
Georgia	1.5	15.4	18.0	20.2	26.3	31.3	37.7	44.4	49.3	49.5
Florida		1.6	2.6	3.4	4.9	7.1	9.6	13.7	17.7	26.8
East South Central	2.9	18.7	22.4	24.5	31.1	35.8	42.0	46.8	49.5	55.1
Kentucky	5.5	24.4	28.8	32.9	41.0	46.3	53.4	57.0	60.1	65.1
Tennessee	2.5	24.1	26.6	30.2	37.0	42.4	48.5	52.4	56.1	62.8
Alabama		15.0	18.8	19.4	24.6	29.5	35.7	41.7	45.8	51.6
Mississippi	.3	13.1	17.1	17.9	24.4	27.8	33.5	38.8	38.6	43.4
West South Central		2.6	4.9	5.6	9.3	11.0	15.2	20.4	23.8	28.3
Arkansas		4.0	8.3	9.2	15.3	21.5	25.0	30.0	33.4	35.3
Louisiana		11.4	15.6	16.0	20.7	24.6	30.4	36.5	39.6	46.3
Oklahoma						[3]3.7	[3]11.4	23.9	29.2	34.5
Texas		.8	2.3	3.1	6.1	8.5	11.6	14.8	17.8	22.2
Mountain		.2	.3	.4	.8	1.4	1.9	3.1	3.9	4.4
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	4.6	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	[3] 17,069,453	23,191,876	31,443,321
2	New England	1,009,408	1,233,011	1,471,973	1,680,071	1,954,717	2,234,822	2,728,116	3,135,283
3	Maine	96,540	151,719	228,705	298,335	399,455	501,793	583,169	628,279
4	New Hampshire	141,885	183,858	214,460	244,161	269,328	284,574	317,976	326,073
5	Vermont	85,425	154,465	217,895	235,981	280,652	291,948	314,120	315,098
6	Massachusetts	378,787	422,845	472,040	523,287	610,408	737,699	994,514	1,231,066
7	Rhode Island	68,825	69,122	76,931	83,059	97,199	108,830	147,545	174,620
8	Connecticut	237,946	251,002	261,942	275,248	297,675	309,978	370,792	460,147
9	Middle Atlantic	958,632	1,402,565	2,014,702	2,699,845	3,587,664	4,526,260	5,898,735	7,458,986
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	2,906,216
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	426,514	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	1,851,809	2,286,494	2,674,891	3,061,063	3,645,752	3,925,299	4,679,090	5,364,703
28	Delaware	59,096	64,273	72,674	72,749	76,748	78,085	91,532	112,216
29	Maryland	319,728	341,548	380,546	407,350	447,040	470,019	583,034	687,049
30	Dist. of Col.	----------	14,093	24,023	33,039	39,834	43,712	51,687	75,080
31	Virginia [7]	747,610	880,200	974,600	1,065,366	1,211,405	1,239,797	1,421,661	1,595,318
32	West Virginia [8]	----------	----------	----------	----------	----------	----------	----------	----------
33	North Carolina	393,751	478,103	555,500	638,829	737,987	753,419	869,039	992,622
34	South Carolina	249,073	345,591	415,115	502,741	581,185	594,398	668,507	703,708
35	Georgia	82,548	162,686	252,433	340,989	516,823	691,392	906,185	1,057,286
36	Florida	----------	----------	----------	----------	34,730	54,477	87,445	140,424
37	East South Central	109,368	335,407	708,590	1,180,489	1,815,969	2,575,445	3,363,271	4,020,991
38	Kentucky	73,677	220,955	406,511	564,317	687,917	779,828	982,405	1,155,684
39	Tennessee	35,691	105,602	261,727	422,823	681,904	829,210	1,002,717	1,109,801
40	Alabama	----------	----------	----------	127,901	309,527	590,756	771,623	964,201
41	Mississippi	----------	8,850	40,352	75,448	136,621	375,651	606,526	791,305
42	West South Central	----------	----------	77,618	167,680	246,127	449,985	940,251	1,747,687
43	Arkansas	----------	----------	[7] 1,062	14,273	30,388	97,574	209,897	435,450
44	Louisiana	----------	----------	76,556	153,407	215,739	352,411	517,762	708,002
45	Oklahoma	----------	----------	----------	----------	----------	----------	----------	----------
46	Texas	----------	----------	----------	----------	----------	----------	212,592	604,215
47	Mountain	----------	----------	----------	----------	----------	----------	72,927	174,923
48	Montana	----------	----------	----------	----------	----------	----------	----------	----------
49	Idaho	----------	----------	----------	----------	----------	----------	----------	----------
50	Wyoming	----------	----------	----------	----------	----------	----------	----------	----------
51	Colorado	----------	----------	----------	----------	----------	----------	----------	34,277
52	New Mexico	----------	----------	----------	----------	----------	----------	61,547	93,516
53	Arizona	----------	----------	----------	----------	----------	----------	----------	----------
54	Utah	----------	----------	----------	----------	----------	----------	11,380	40,273
55	Nevada	----------	----------	----------	----------	----------	----------	----------	6,857
56	Pacific	----------	----------	----------	----------	----------	----------	105,891	444,053
57	Washington	----------	----------	----------	----------	----------	----------	----------	11,594
58	Oregon	----------	----------	----------	----------	----------	----------	13,294	52,465
59	California	----------	----------	----------	----------	----------	----------	92,597	379,994

[1] A minus sign (−) denotes decrease.
[2] Includes population (325,464) of Indian Territory and Indian reservations, specially enumerated in 1890, but not included in the general report on population for 1890.
[3] Includes persons (5,318 in 1830 and 6,100 in 1840) on public ships in the service of the United States not credited to any division or State.

Source: Bureau of the Census, Department of Commerce.

AT EACH CENSUS, 1790 TO 1930

Southern States is considered incomplete

Population—Continued							Per cent increase [1]		Per cent distribution		
1870	1880	1890 [2]	1900	1910	1920	1930	1900–1930	1920–1930	1920	1930	
38,558,371	50,155,783	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046	61.6	16.1	100.0	100.0	1
3,487,924	4,010,529	4,700,749	5,592,017	6,552,681	7,400,909	8,166,341	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
8,810,306	10,496,878	12,706,220	15,454,678	19,315,892	22,261,144	26,200,750	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
8,856,594	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	2,503,953	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	3,100,665	3,293,335	3,404,055	3,629,367	16.8	6.6	3.2	3.0	22
[3] 2,405	[3] 36,909	190,983	319,146	577,056	646,872	680,845	113.3	5.3	.6	.6	23
[3] 11,776	[3] 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	15,703,589	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	1,296,346	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	209,493	391,422	528,542	752,619	968,470	1,468,211	177.8	51.6	.9	1.2	36
4,404,445	5,585,151	6,429,154	7,547,757	8,409,801	8,893,307	9,887,214	31.0	11.2	8.4	8.1	37
1,321,011	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	2,615,556	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	12,176,330	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
		[4] 258,657	[4] 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	663,119	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
14,990	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
975,125	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

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

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

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

Class	1900		1910		1920	
	Number of places	Population	Number of places	Population	Number of places	Population
Total		75, 994, 575		91, 972, 266		105, 710, 620
Urban territory	1, 801	30, 380, 433	2, 313	42, 136, 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, 338
Places of 100,000 to 250,000	23	3, 272, 490	31	4, 840, 458	43	6, 519, 187
Places of 50,000 to 100,000	40	2, 709, 338	59	4, 178, 915	76	5, 265, 747
Places of 25,000 to 50,000	82	2, 809, 627	119	4, 026, 045	143	5, 075, 041
Places of 10,000 to 25,000	280	4, 338, 250	367	5, 524, 434	459	6, 942, 742
Places of 5,000 to 10,000	468	3, 220, 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, 836, 146		51, 406, 017
Incorporated places of less than 2,500	8, 930	6, 301, 533	11, 829	8, 164, 628	12, 863	8, 963, 125
Other rural territory		39, 312, 609		41, 641, 518		42, 442, 892

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

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

Year	Total population	Places of 8,000 inhabitants or more			Year	Total population	Places of 8,000 inhabitants or more		
		Population	Number of places	Per cent of total population			Population	Number of places	Per cent of total population
1790	3, 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, 366, 698	285	22.7
1810	7, 239, 881	356, 920	11	4.9	1890	62, 947, 714	18, 244, 239	445	29.0
1820	9, 638, 453	475, 135	13	4.9	1900	75, 994, 575	25, 018, 335	547	32.9
1830	12, 866, 020	864, 509	26	6.7	1910	91, 972, 266	35, 570, 334	768	38.7
1840	17, 069, 453	1, 453, 994	44	8.5	1920	105, 710, 620	46, 307, 640	924	43.8
1850	23, 191, 876	2, 897, 586	85	12.5	1930	122, 775, 046	60, 333, 452	1, 208	49.1
1860	31, 443, 321	5, 072, 256	141	16.1					

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

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

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

Division and State	1910		1920		1930		Per cent urban		
	Urban	Rural	Urban	Rural	Urban	Rural	1910	1920	1930
Continental United States	42,166,120	49,806,146	54,304,603	51,406,017	68,954,823	53,820,223	45.8	51.4	56.2
New England	4,998,052	1,554,599	5,885,073	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	3,660,248	202,108	3,831,426	418,188	92.8	94.8	90.2
Rhode Island [1]	524,654	17,956	599,180	15,217	635,420	52,063	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	16,794,308	8,502,277	52.7	60.8	66.4
Ohio	2,665,143	2,101,978	3,877,136	2,082,258	4,507,371	2,139,326	55.9	63.8	67.8
Indiana	1,143,535	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	8,873,718	7,784,205	4,727,372	7,816,377	5,556,181	7,740,734	33.3	37.7	41.8
Minnesota	850,294	1,225,414	1,051,503	1,385,532	1,257,610	1,306,337	41.0	44.1	49.0
Iowa	680,054	1,544,717	875,495	1,528,526	979,292	1,491,647	30.6	36.4	39.6
Missouri	1,398,817	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	405,306	891,089	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	3,092,158	9,102,742	4,338,792	9,651,480	5,698,122	10,095,487	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		100.0	100.0	100.0
Virginia	476,529	1,585,083	673,984	1,635,203	785,537	1,636,314	23.1	29.2	32.4
West Virginia	228,242	992,877	369,007	1,094,694	491,504	1,237,701	18.7	25.2	28.4
North Carolina	318,474	1,887,313	490,370	2,068,753	809,847	2,360,429	14.4	19.2	25.5
South Carolina	224,332	1,290,568	293,987	1,389,737	371,080	1,367,685	14.8	17.5	21.3
Georgia	538,050	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	1,674,229	6,835,672	1,994,207	6,899,100	2,778,687	7,108,527	18.7	22.4	28.1
Kentucky	555,442	1,734,463	633,543	1,783,087	799,026	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	500,317	1,838,357	744,273	1,901,975	17.3	21.7	28.1
Mississippi	207,311	1,589,803	249,121	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	821,081	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	1,686,008	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	34,464	56,594	16.3	19.7	37.8
Pacific	2,362,329	1,809,975	3,471,483	2,095,388	5,534,881	2,659,552	56.8	62.4	67.6
Washington	605,530	536,460	748,735	607,886	884,539	678,857	53.0	55.2	56.6
Oregon	307,060	365,705	391,019	392,370	489,746	464,040	45.6	49.9	51.3
California [1]	1,469,739	907,810	2,331,729	1,095,132	4,160,596	1,516,655	61.8	68.0	73.3

[1] See headnote.

Source: Bureau of the Census, Department of Commerce.

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

Division and State	Farm population				Rural-farm population		Urban-farm population		Rural nonfarm population, 1930
	Number		Per cent of total population						
	1920	1930	1920	1930	1920	1930	1920	1930	
Continental U. S.	31,614,269	30,445,350	29.9	24.8	31,358,640	30,157,513	255,629	287,837	23,662,710
New England	625,877	573,251	8.5	7.0	535,422	499,083	90,455	74,168	1,355,282
Maine	197,601	170,995	25.7	21.4	180,026	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	1,892,759	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	681,082
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	4,049,163
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	992,249	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	887,054	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	977,094	964,650	7,105	13,247	626,988
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	170,663
South Dakota	392,221	390,205	56.9	56.3	391,886	389,431	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
South Atlantic	6,416,698	5,898,176	45.9	37.3	6,397,757	5,878,956	18,941	19,220	4,216,511
Delaware	51,212	46,530	23.0	19.5	51,151	46,302	61	228	68,032
Maryland	279,225	237,456	19.3	14.6	277,656	236,172	1,569	1,284	420,485
Dist. of Columbia	894	435	.2	.1			894	435	
Virginia	1,064,417	950,757	46.1	39.3	1,059,913	948,746	4,504	2,011	687,568
West Virginia	477,924	449,114	32.7	26.0	476,631	447,750	1,293	1,364	789,951
North Carolina	1,501,227	1,599,918	58.7	50.5	1,499,946	1,597,220	1,281	2,698	703,209
South Carolina	1,074,693	916,471	63.8	52.7	1,072,479	914,098	2,214	2,373	453,587
Georgia	1,685,213	1,418,514	58.2	48.8	1,680,611	1,413,719	4,602	4,795	599,295
Florida	281,893	278,981	29.1	19.0	279,370	274,949	2,523	4,032	438,484
East South Central	5,182,937	5,085,096	58.3	51.5	5,174,806	5,084,435	8,131	10,661	2,024,092
Kentucky	1,304,862	1,176,524	54.0	45.0	1,302,342	1,174,232	2,520	2,292	641,331
Tennessee	1,271,708	1,215,452	54.4	46.5	1,269,179	1,213,065	2,529	2,387	600,953
Alabama	1,336,885	1,340,277	56.9	50.6	1,334,513	1,336,409	1,372	3,868	565,566
Mississippi	1,270,482	1,362,843	71.0	67.8	1,268,772	1,360,729	1,710	2,114	310,242
West South Central	5,228,199	5,326,412	51.0	43.7	5,210,570	5,307,939	17,629	18,473	2,441,462
Arkansas	1,147,049	1,119,464	65.5	60.4	1,144,482	1,117,330	2,567	2,134	354,274
Louisiana	786,050	830,606	43.7	39.5	784,455	826,882	1,595	3,724	441,179
Oklahoma	1,017,327	1,024,070	50.2	42.7	1,015,899	1,021,174	1,428	2,896	553,185
Texas	2,277,773	2,352,272	48.8	40.4	2,265,734	2,342,553	12,039	9,719	1,092,814
Mountain	1,168,367	1,138,718	35.0	30.8	1,152,993	1,123,663	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	82,503
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	186,808
Utah	140,249	115,718	31.2	22.8	131,872	106,667	8,377	9,046	134,916
Nevada	16,164	16,441	20.9	18.1	16,103	16,296	61	145	40,298
Pacific	1,014,173	1,148,910	18.2	14.0	985,544	1,101,038	28,629	47,872	1,558,514
Washington	283,382	304,737	20.9	19.5	280,022	300,143	3,360	4,594	378,714
Oregon	214,021	223,667	27.3	23.5	212,009	221,545	2,012	2,122	242,495
California	516,770	620,506	15.1	10.9	493,513	579,350	23,257	41,156	937,305

Source: Bureau of the Census, Department of Commerce.

No. 11.—POPULATION: ANNUAL MIDYEAR ESTIMATES BY STATES

NOTE.—Estimates of population from 1923 to 1930 are based on the assumption that the increase (or decrease) each year between the censuses of 1920 and 1930 is equal to the annual average change between the two enumerations. For 1931 and 1932, the total population is estimated upon the basis of the available birth, death, immigration and emigration figures and the increase in the United States total distributed to the various States according to the per cent which each State increase was of the United States increase between 1920 and 1930. If a State showed a decrease in population between 1920 and 1930, the 1930 census figure was used and no estimate made. For actual enumerations, 1790 to 1930, see Table 6, p. 4

[All figures in thousands]

Division and State	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
Continental United States	111, 537	113, 202	114, 867	116, 532	118, 197	119, 862	121, 526	123, 191	124, 070	124, 922
New England	7, 662	7, 737	7, 812	7, 886	7, 961	8, 036	8, 110	8, 185	8, 225	8, 258
Maine	775	781	784	787	790	792	795	798	800	801
New Hampshire	451	453	455	457	459	462	464	466	467	468
Vermont	355	356	356	357	358	358	359	360	360	360
Massachusetts	3, 988	4, 027	4, 066	4, 104	4, 143	4, 182	4, 221	4, 259	4, 280	4, 297
Rhode Island	633	641	649	657	665	673	681	690	694	698
Connecticut	1, 458	1, 480	1, 502	1, 524	1, 546	1, 568	1, 590	1, 612	1, 624	1, 634
Middle Atlantic	23, 627	24, 017	24, 407	24, 797	25, 188	25, 578	25, 969	26, 360	26, 565	26, 741
New York	11, 137	11, 352	11, 567	11, 782	11, 997	12, 212	12, 427	12, 643	12, 756	12, 852
New Jersey	3, 468	3, 545	3, 631	3, 717	3, 804	3, 890	3, 977	4, 063	4, 109	4, 148
Pennsylvania	9, 031	9, 120	9, 209	9, 298	9, 387	9, 476	9, 565	9, 654	9, 700	9, 741
East North Central	22, 780	23, 153	23, 526	23, 899	24, 272	24, 645	25, 018	25, 390	25, 587	25, 755
Ohio	6, 062	6, 149	6, 236	6, 322	6, 409	6, 495	6, 582	6, 668	6, 714	6, 753
Indiana	3, 036	3, 066	3, 096	3, 126	3, 156	3, 186	3, 216	3, 246	3, 262	3, 275
Illinois	6, 876	6, 988	7, 100	7, 212	7, 323	7, 435	7, 547	7, 659	7, 718	7, 768
Michigan	4, 069	4, 184	4, 298	4, 413	4, 527	4, 642	4, 756	4, 871	4, 931	4, 983
Wisconsin	2, 737	2, 767	2, 797	2, 827	2, 857	2, 887	2, 917	2, 946	2, 962	2, 976
West North Central	12, 801	12, 875	12, 948	13, 022	13, 095	13, 168	13, 242	13, 316	13, 352	13, 387
Minnesota	2, 448	2, 465	2, 482	2, 499	2, 517	2, 534	2, 551	2, 568	2, 577	2, 585
Iowa	2, 427	2, 433	2, 440	2, 446	2, 453	2, 460	2, 466	2, 473	2, 476	2, 479
Missouri	3, 481	3, 503	3, 525	3, 547	3, 569	3, 591	3, 613	3, 635	3, 646	3, 656
North Dakota	638	662	665	668	672	675	678	682	683	685
South Dakota	656	661	667	672	678	683	689	694	697	700
Nebraska	1, 324	1, 332	1, 340	1, 348	1, 356	1, 364	1, 372	1, 380	1, 384	1, 388
Kansas	1, 807	1, 818	1, 829	1, 840	1, 851	1, 862	1, 873	1, 884	1, 889	1, 894
South Atlantic	14, 606	14, 782	14, 958	15, 134	15, 310	15, 486	15, 662	15, 838	15, 930	16, 009
Delaware	228	230	231	233	234	236	237	239	240	240
Maryland	1, 512	1, 530	1, 547	1, 565	1, 583	1, 600	1, 618	1, 636	1, 645	1, 653
Dist. of Columbia	454	459	464	469	474	478	483	488	491	493
Virginia	2, 348	2, 359	2, 370	2, 381	2, 392	2, 403	2, 414	2, 425	2, 430	2, 435
West Virginia	1, 554	1, 580	1, 606	1, 632	1, 658	1, 684	1, 710	1, 736	1, 749	1, 761
North Carolina	2, 768	2, 827	2, 887	2, 947	3, 006	3, 066	3, 126	3, 185	3, 217	3, 244
South Carolina	1, 703	1, 708	1, 713	1, 719	1, 724	1, 729	1, 735	1, 740	1, 743	1, 745
Georgia	2, 900	2, 901	2, 903	2, 904	2, 905	2, 906	2, 908	2, 909	2, 909	2, 910
Florida	1, 139	1, 188	1, 237	1, 285	1, 334	1, 383	1, 432	1, 480	1, 506	1, 528
East South Central	9, 233	9, 330	9, 427	9, 524	9, 621	9, 718	9, 814	9, 911	9, 963	10, 006
Kentucky	2, 484	2, 504	2, 523	2, 542	2, 561	2, 581	2, 600	2, 619	2, 630	2, 638
Tennessee	2, 433	2, 460	2, 487	2, 515	2, 542	2, 569	2, 596	2, 623	2, 638	2, 650
Alabama	2, 450	2, 479	2, 508	2, 537	2, 566	2, 595	2, 624	2, 654	2, 669	2, 682
Mississippi	1, 865	1, 887	1, 908	1, 930	1, 951	1, 972	1, 994	2, 015	2, 026	2, 036
West South Central	10, 903	11, 092	11, 280	11, 469	11, 658	11, 847	12, 035	12, 224	12, 324	12, 409
Arkansas	1, 787	1, 797	1, 807	1, 817	1, 827	1, 837	1, 847	1, 857	1, 862	1, 867
Louisiana	1, 902	1, 932	1, 961	1, 991	2, 020	2, 050	2, 079	2, 109	2, 125	2, 138
Oklahoma	2, 154	2, 190	2, 226	2, 261	2, 297	2, 333	2, 369	2, 405	2, 424	2, 440
Texas	5, 060	5, 173	5, 286	5, 400	5, 513	5, 626	5, 740	5, 853	5, 913	5, 964
Mountain	3, 461	3, 497	3, 532	3, 568	3, 604	3, 639	3, 675	3, 709	3, 730	3, 748
Montana	545	544	543	542	541	540	538	[1] 538	[1] 538	[1] 538
Idaho	436	438	439	440	441	443	444	445	446	447
Wyoming	205	208	211	214	217	220	223	226	228	229
Colorado	972	982	991	1, 001	1, 010	1, 019	1, 029	1, 038	1, 043	1, 047
New Mexico	382	388	394	400	406	413	419	425	428	431
Arizona	369	379	389	398	408	418	428	438	443	448
Utah	469	475	481	486	492	498	504	509	512	515
Nevada	82	83	85	86	87	89	90	91	92	93
Pacific	6, 464	6, 720	6, 977	7, 233	7, 489	7, 746	8, 002	8, 258	8, 394	8, 508
Washington	1, 427	1, 447	1, 468	1, 488	1, 508	1, 528	1, 548	1, 568	1, 579	1, 588
Oregon	842	858	875	891	908	925	941	958	967	974
California	4, 195	4, 415	4, 634	4, 854	5, 073	5, 293	5, 513	5, 732	5, 848	5, 947

[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 1933, 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 1933, 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	1878	47, 932, 945	1906	85, 837, 372	177, 353	1, 058, 115	8, 199, 400	----------
1851	24, 085, 782	1879	49, 092, 687	1907	87, 455, 366	181, 192	1, 073, 912	8, 368, 592	----------
1852	24, 910, 926	1880	50, 262, 382	1908	89, 073, 360	185, 031	1, 089, 709	8, 537, 784	----------
1853	25, 736, 070	1881	51, 541, 575	1909	90, 691, 354	188, 870	1, 105, 506	8, 706, 977	----------
1854	26, 561, 214	1882	52, 820, 768						
				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] 01, 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] 29, 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, 056, 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, 560, 880	[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	[3] 23, 071
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, 493, 926	1926	116, 531, 963	327, 204	1, 454, 607	11, 577, 205	[3] 27, 092
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	[4] 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

[1] Enumeration by Canal Commission.
[2] Police census, excluding persons in military and naval service.
[3] Police census.
[4] 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		
	Males	Females	Males	Females	Males	Females	1910	1920	1930
All classes	47, 332, 277	44, 639, 989	53, 900, 431	51, 810, 189	62, 137, 080	60, 637, 966	106. 0	104. 0	102. 5
White	42, 178, 245	39, 553, 712	48, 430, 655	46, 390, 260	55, 163, 854	53, 700, 353	106. 6	104. 4	102. 7
Negro	4, 885, 881	4, 941, 882	5, 209, 436	5, 253, 695	5, 855, 669	6, 035, 474	98. 9	99. 2	97. 0
Indian	135, 133	130, 550	125, 068	119, 369	170, 350	162, 047	103. 5	104. 8	105. 1
Chinese	66, 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, 731, 955	40, 902, 333	40, 205, 828	48, 010, 145	47, 487, 655	102. 7	101. 7	101. 1
Native parentage	25, 229, 218	24, 259, 357	29, 636, 781	28, 785, 176	35, 460, 001	34, 676, 613	104. 0	103. 0	102. 3
Foreign or mixed parentage	9, 425, 239	9, 472, 598	11, 265, 552	11, 420, 652	12, 550, 144	12, 811, 042	99. 5	98. 6	98. 0
Foreign	6, 456, 793	6, 459, 518	7, 810, 531	7, 884, 008	8, 438, 676	8, 560, 545	100. 0	99. 1	98. 6
Mixed	2, 968, 446	3, 013, 080	3, 455, 021	3, 536, 644	4, 111, 468	4, 250, 497	98. 5	97. 7	96. 7
Foreign born	7, 523, 788	5, 821, 757	7, 528, 322	6, 184, 432	7, 153, 709	6, 212, 698	129. 2	121. 7	115. 1

	1860	1870	1880	1890	1900
Total population:					
Males	16, 085, 204	19, 493, 565	25, 518, 820	32, 237, 101	38, 816, 448
Females	15, 358, 117	19, 064, 806	24, 636, 963	30, 710, 613	37, 178, 127
Males per 100 females	104. 7	102. 2	103. 6	105. 0	104. 4

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

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

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

Class	1870 [1]	1880	1890	1900	1910	1920	1930
All classes	38,558,371	50,155,783	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046
White [2]	33,589,377	43,402,970	55,101,258	66,809,196	81,731,957	94,820,915	108,864,207
Negro	4,880,009	6,580,793	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143
Mexican [3]							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	23,771,397	28,568,424	34,475,716	40,940,362	49,488,575	58,421,957	70,136,614
Foreign or mixed parentage	5,324,268	8,274,867	11,503,675	15,646,017	18,897,837	22,686,204	25,361,186
Foreign	4,167,098	6,363,769	8,085,019	10,632,280	12,916,311	15,694,539	16,999,221
Mixed	1,157,170	1,911,098	3,418,656	5,013,737	5,981,526	6,991,665	8,361,965
Foreign born, white	5,493,712	6,559,679	9,121,867	10,213,817	13,345,545	13,712,764	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 [3]							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	13,735,354	17,064,426
Per cent	22.6	30.1	24.9	20.7	21.0	14.9	16.1
White [2]	6,666,840	9,813,593	11,580,020	11,707,938	14,922,761	13,088,958	[8] 14,743,833
Per cent	24.8	29.2	26.7	21.2	22.3	16.0	[8] 15.7
Negro	438,179	1,700,784	889,247	1,345,318	993,769	635,368	1,428,012
Per cent	9.9	34.9	13.5	18.0	11.2	6.5	13.6
Mexican							[9] 721,992
Per cent							[9] 103.1
Indian	−18,290	40,676	−7,601	−11,057	28,487	−21,246	87,960
Per cent	−41.5	158.1	−11.4	−4.5	12.0	−8.0	36.0
Chinese	28,266	42,266	2,010	−17,625	−18,332	−9,892	13,315
Per cent	80.9	66.9	1.9	−16.4	−20.4	−13.8	21.6
Japanese	55	93	1,891	22,287	47,831	38,853	27,824
Per cent		[10]	1,277.7	1,093.0	196.6	53.8	25.1
All other [4]					3,175	6,313	41,490
Per cent						198.8	437.3
Native (all races)	5,086,518	10,484,698	9,896,863	11,955,145	12,803,081	13,333,548	16,780,969
Per cent	20.8	31.8	22.8	22.3	19.5	17.0	18.3
Foreign born	1,428,532	1,112,714	2,569,604	1,091,716	3,174,610	404,806	283,457
Per cent	34.5	20.0	38.5	11.8	30.7	3.0	2.0
Native white, total	5,269,881	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		5,707,027	5,789,024	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		2,190,671	1,721,250	2,547,201	2,284,031	2,778,228	[8] 1,477,386
Per cent		52.7	27.0	31.5	21.5	21.5	[8] 9.5
Mixed		753,928	1,507,558	1,595,081	967,789	1,010,139	[8] 1,440,777
Per cent		65.2	78.9	46.7	19.3	16.9	[8] 20.8
Foreign born, white	1,396,959	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; this affects especially figures for the negro population.
[2] White population includes Mexicans prior to 1930. The estimated number of Mexicans included in the white classification in 1920 was as follows: Total, 700,541; native white, 243,181 (172,704 of foreign parentage and 70,477 of mixed parentage); foreign-born white, 457,360. For close comparison with 1930, adjusted figures for 1920 may be obtained by deducting these from the white population as reported in 1920.
[3] Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated prior to 1890.
[4] Comprises Filipinos, Hindus, Koreans, Hawaiians, Malays, Siamese, Samoans, and Maoris.
[5] Less than one-tenth of 1 per cent. [6] A minus sign (−) denotes decrease.
[7] Exclusive of 325,464 persons (117,368 whites, 18,636 Negroes, 189,447 Indians, and 13 Chinese), specially enumerated in 1890 in Indian Territory and on Indian reservations.
[8] Increase over figures adjusted for 1920 on account of Mexicans. See footnote 2.
[9] Increase over estimated number in 1920. [10] Per cent not shown where base is less than 100.

Source: Bureau of the Census, Department of Commerce.

No. 15.—SEX DISTRIBUTION BY RACE

Division and State	Total population					1930			
	1920		1930			Native white			Foreign-born white
	Male	Female	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male
Continental United States.	53,900,431	51,810,189	62,137,080	60,637,988	102.5	48,010,145	47,487,655	101.1	7,158,709
New England	3,672,591	3,728,318	4,024,657	4,141,684	97.2	3,067,723	3,168,080	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	223,534	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	246,989	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	13,188,681	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	1,890,075	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	11,035,041	10,440,502	12,904,783	12,392,402	104.1	10,605,117	10,448,622	101.5	1,786,458
Ohio	2,965,980	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	3,020,836	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	1,350,718	1,275,349	1,510,815	1,428,191	105.8	1,282,337	1,245,309	103.0	214,677
West North Central	6,459,067	6,085,132	6,785,442	6,511,473	104.2	5,976,171	5,838,039	102.4	591,094
Minnesota	1,245,537	1,141,588	1,316,571	1,247,382	105.5	1,085,126	1,065,553	101.8	217,983
Iowa	1,229,392	1,174,629	1,255,101	1,215,838	103.2	1,151,068	1,131,579	101.7	92,129
Missouri	1,723,319	1,680,736	1,822,866	1,806,501	100.9	1,625,545	1,623,952	100.1	81,299
North Dakota	341,673	305,199	359,615	321,230	111.9	294,141	271,954	108.2	60,378
South Dakota	337,120	299,427	363,650	329,199	110.5	313,906	289,809	108.3	37,665
Nebraska	672,805	623,567	706,348	671,615	105.2	630,013	608,343	103.6	63,380
Kansas	909,221	860,036	961,291	919,708	104.5	876,372	846,759	103.5	38,254
South Atlantic	7,035,343	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	953,158	935,607	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	910,431	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	12,202
Tennessee	1,173,967	1,163,918	1,304,559	1,311,997	99.4	1,064,404	1,061,149	100.3	7,394
Alabama	1,173,105	1,175,069	1,315,009	1,331,239	98.8	848,196	836,869	101.4	9,326
Mississippi	897,124	893,494	1,005,141	1,004,680	100.0	500,574	489,233	102.3	4,347
West South Central	5,285,829	4,976,395	6,186,924	5,899,909	103.3	4,555,245	4,374,504	104.1	97,320
Arkansas	895,228	856,976	939,843	914,639	102.8	696,255	668,478	104.2	6,006
Louisiana	993,335	895,174	1,047,823	1,053,770	99.4	644,305	638,945	100.8	20,376
Oklahoma	1,058,044	970,239	1,233,264	1,162,776	106.1	1,079,456	1,017,213	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	1,761,991	111.3	1,566,710	1,448,982	108.1	169,997
Montana	299,941	248,948	293,228	244,378	120.0	236,894	207,472	114.2	44,890
Idaho	233,919	197,947	237,347	207,685	114.3	214,007	193,101	110.8	18,947
Wyoming	110,359	84,043	124,785	100,780	123.8	105,264	89,145	118.1	12,439
Colorado	492,731	446,898	530,752	505,039	105.1	443,117	432,594	102.4	48,004
New Mexico	190,456	169,894	219,222	204,995	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	2,964,826	2,602,245	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	367,955	499,672	454,114	110.0	427,154	404,400	105.6	62,078
California	1,813,591	1,613,270	2,942,595	2,734,656	107.6	2,123,407	2,106,806	100.8	454,027

Source: Bureau of the Census, Department of Commerce.

AND NATIVITY, BY STATES

1930—Continued

Foreign-born white—Contd.		Negro			Mexican		Indian		Chinese		Japanese		Division and State
Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Male	Female	Male	Female	Male	Female	
6,212,698	115.1	5,855,669	6,035,474	97.0	758,674	663,859	170,350	162,047	59,802	15,152	81,771	57,063	U. S.
929,568	97.3	46,963	47,123	99.7	69	38	1,273	1,193	3,233	561	277	75	N. E.
50,069	100.5	597	499	119.6	-------	2	518	494	93	22	2	1	Me.
41,500	99.2	524	266	197.0	-------	1	33	31	71	13	------	------	N. H.
20,237	112.8	310	258	120.2	-------	1	20	16	29	5	1	------	Vt.
545,174	93.4	26,007	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	51	108	22	Conn.
2,507,302	110.1	520,826	532,073	97.9	4,550	2,207	4,012	3,697	12,503	1,502	2,740	922	M. A.
1,538,379	107.5	199,485	213,329	93.5	1,879	1,019	3,584	3,389	8,649	1,016	2,201	729	N. Y.
401,310	110.4	102,929	105,899	97.2	295	159	123	90	1,008	175	322	117	N. J.
567,613	117.2	218,412	212,845	102.6	2,376	1,029	305	218	2,246	311	217	76	Pa.
1,457,466	121.2	475,368	455,082	104.5	37,907	20,410	10,446	9,371	5,421	919	755	267	E. N. C.
292,166	120.5	159,128	150,176	106.0	2,806	1,231	252	183	1,168	287	131	56	Ohio.
58,177	132.3	57,068	54,014	103.9	6,708	2,934	158	127	247	32	53	18	Ind.
560,221	117.4	164,425	164,547	99.9	18,210	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.
171,530	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	8,303	107.1	2,380	1,015	349	311	126	27	16	3	Iowa.
98,091	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	1,674	1,582	152	42	414	260	Nebr.
31,462	121.6	33,980	32,364	105.0	11,200	7,950	1,333	1,121	53	7	30	7	Kans.
133,978	127.1	2,156,531	2,264,857	95.2	425	266	9,657	9,403	1,477	392	278	115	S. A.
7,604	122.1	16,983	15,619	108.7	24	-------	3	2	32	6	8	------	Del.
44,827	112.1	140,506	135,873	103.4	38	18	34	16	389	103	27	11	Md.
14,280	109.6	62,225	69,843	89.1	41	26	17	23	305	93	50	28	D. C.
10,119	135.4	321,545	328,620	97.8	20	16	436	343	239	54	37	6	Va.
18,656	176.2	60,873	54,020	112.7	155	102	15	3	74	12	6	3	W. Va.
3,699	137.6	446,500	472,147	94.6	8	2	8,353	8,226	59	9	11	6	N. C.
2,146	145.4	379,300	414,381	91.5	4	5	474	485	38	3	11	4	S. C.
5,742	142.4	513,451	557,674	92.1	38	9	26	17	181	72	23	9	Ga.
26,905	119.5	215,148	216,980	99.3	97	88	299	288	160	40	105	48	Fla.
24,306	137.2	1,301,552	1,356,686	95.9	790	613	1,072	1,034	589	154	32	14	E. S. C.
9,548	128.7	113,501	112,539	100.9	53	35	16	6	47	13	7	2	Ky.
5,672	130.4	232,569	245,077	94.9	16	9	85	76	60	10	8	3	Tenn.
6,384	146.1	457,144	487,690	93.7	27	42	228	237	44	8	16	9	Ala.
2,702	160.9	498,338	511,380	97.4	604	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	2,395	2,160	800	736	327	95	33	19	La.
11,200	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	16,312	13,913	117.2	132,905	116,409	52,534	49,549	2,675	577	7,086	4,382	Mt.
28,062	160.0	710	540	130.0	1,706	805	7,664	7,134	427	59	510	243	Mont.
11,507	164.7	395	273	144.7	907	371	1,833	1,805	295	40	847	574	Idaho.
7,219	172.3	699	551	126.9	4,582	2,592	982	863	113	17	645	381	Wyo.
37,402	128.3	5,739	6,089	94.3	30,824	26,852	748	647	195	38	1,847	1,366	Colo.
3,042	156.3	1,531	1,319	116.1	30,775	28,565	14,864	14,077	108	25	157	92	N. Mex.
6,199	151.5	6,352	4,397	144.5	59,102	55,071	22,471	21,255	845	265	532	347	Ariz.
20,794	110.5	609	499	122.0	2,728	1,284	1,516	1,353	282	60	2,056	1,213	Utah.
3,692	232.5	277	239	115.9	2,221	869	2,460	2,415	410	73	442	166	Nev.
501,066	131.5	45,059	45,063	100.0	200,952	169,191	18,238	17,003	31,236	10,395	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	4,653,191	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	826
Massachusetts	1,763,782	18,697	605	2,215,373	22,144	1,430	2,769,764	31,974
Rhode Island	269,939	6,488	104	337,859	7,393	254	419,050	9,092
Connecticut	610,769	11,547	384	733,438	12,302	518	892,424	15,226
Middle Atlantic	10,305,055	189,492	2,331	12,488,794	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	70,900	242	3,584,805	87,113	411	4,060,204	96,901
Indiana	1,938,798	39,228	275	2,146,736	45,215	453	2,458,502	57,505
Illinois	3,031,151	46,368	352	3,768,472	57,028	852	4,734,873	85,078
Michigan	1,614,560	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	5,948,376	202,823	5,744	8,680,088	224,089	47,935	10,065,817	237,909
Minnesota	776,884	1,564	2,325	1,296,408	3,683	10,192	1,737,036	4,959
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	96,955	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	834	1,376,619	49,710	1,779	1,416,319	52,003
South Atlantic	4,654,112	2,941,202	1,883	5,592,149	3,262,690	3,083	6,706,058	3,729,017
Delaware	120,160	26,442	6	140,066	28,386	41	153,977	30,697
Maryland	724,693	210,230	20	826,493	215,057	240	952,424	235,064
District of Columbia	118,000	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	25,880	34	730,077	32,690	27	915,233	43,499
North Carolina	867,242	531,277	1,231	1,055,382	561,018	1,549	1,263,603	624,469
South Carolina	391,105	604,332	140	462,008	688,934	207	557,807	782,321
Georgia	816,906	725,133	141	978,357	858,815	181	1,181,294	1,034,813
Florida	142,605	126,690	198	224,949	166,180	293	297,333	230,730
East South Central	3,657,593	1,924,996	2,562	4,305,668	2,119,797	3,689	5,044,847	2,499,886
Kentucky	1,377,179	271,451	60	1,590,462	268,071	102	1,862,309	284,706
Tennessee	1,138,331	403,151	377	1,336,937	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	2,243,723	1,087,705	2,793	3,295,636	1,378,090	67,257	4,771,065	1,694,066
Arkansas	591,531	210,666	328	818,752	309,117	342	944,580	366,856
Louisiana	454,954	483,655	1,337	558,395	559,198	1,000	729,612	650,804
Oklahoma[3]				172,554	21,609	64,494	670,204	55,684
Texas	1,197,237	393,384	1,128	1,745,935	488,171	1,421	2,426,669	620,722
Mountain	814,321	5,022	33,276	1,117,383	12,971	93,601	1,579,855	15,590
Montana	35,385	346	8,428	127,690	1,490	13,744	226,283	1,523
Idaho	29,013	53	3,544	82,117	201	6,230	154,495	293
Wyoming	19,437	298	1,054	59,324	922	2,309	89,051	940
Colorado	191,126	2,435	766	404,534	6,215	2,500	529,046	8,570
New Mexico	108,721	1,015	9,329	142,918	1,956	15,408	180,207	1,610
Arizona	35,160	155	5,125	55,734	1,357	31,152	92,903	1,848
Utah	142,423	232	1,308	205,925	588	4,266	272,465	672
Nevada	53,556	488	8,222	39,121	242	7,992	35,405	134
Pacific	997,455	6,880	110,293	1,754,644	14,110	119,580	2,293,613	14,664
Washington	67,190	325	7,592	340,829	1,602	14,801	496,304	2,514
Oregon	163,075	487	11,206	301,982	1,186	14,536	394,582	1,105
California	767,181	6,018	91,495	1,111,833	11,322	90,243	1,402,727	11,045

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

Source: Bureau of the Census, Department of Commerce.

RACE, BY STATES

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

1900—Contd.	1910			1920			1930			Division and State
All other	White	Negro	All other	White	Negro	All other	White	Negro	All other	
351,385	81,731,957	9,827,763	412,546	94,820,915	10,463,131	426,574	108,864,207	11,891,143	2,019,698	U. S.
5,892	6,480,514	66,306	5,861	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	404,350	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	593,080	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.
17,896	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	8,066,845	134,191	12,578	10,172,027	198,483	14,717	12,150,293	412,814	24,959	N. Y.
1,508	2,445,894	89,760	1,513	3,037,087	117,132	1,681	3,829,209	208,828	3,297	N. J.
3,606	7,467,713	193,919	3,479	8,432,726	284,508	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.
1,509	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	2,616,938	5,201	9,928	2,913,859	10,739	14,408	Wis.
43,697	11,351,621	242,662	43,638	12,225,337	278,521	40,341	12,873,487	331,784	91,644	W. N. C
9,399	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	639,964	467	6,451	671,243	377	9,225	N.Dak.
20,391	563,771	817	19,300	619,147	832	16,568	669,453	646	22,750	S. Dak.
3,505	1,180,293	7,689	4,232	1,279,219	13,242	3,911	1,353,702	13,752	10,509	Nebr.
2,173	1,634,352	54,030	2,567	1,768,906	57,925	2,426	1,792,847	66,344	21,808	Kans.
8,405	8,071,603	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	31,181	30	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	11,937	2,234,948	918,647	16,681	N. C.
188	679,161	835,843	396	818,538	864,719	467	944,040	703,681	1,044	S. C.
224	1,431,802	1,176,937	332	1,689,114	1,206,365	353	1,836,974	1,071,125	407	Ga.
479	443,634	308,669	316	638,153	329,487	830	1,035,205	431,828	1,178	Fla.
3,024	5,754,326	2,652,513	3,062	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	2,388,304	226,040	185	Ky.
187	1,711,432	473,088	269	1,885,993	451,758	134	2,138,619	477,646	291	Tenn.
238	1,228,832	908,282	979	1,447,032	900,652	490	1,700,775	944,834	630	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	709,257	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	534,200	1,658	12,971	517,327	1,286	19,023	Mont.
6,984	319,221	651	5,722	425,668	920	5,278	437,562	668	6,802	Idaho.
2,540	140,318	2,235	3,412	190,146	1,375	2,881	214,067	1,250	10,248	Wyo.
2,084	783,415	11,453	4,156	924,103	11,318	4,208	961,117	11,828	62,846	Colo.
13,493	304,594	1,628	21,079	334,673	5,733	19,944	331,755	2,850	88,712	N.Mex.
28,180	171,468	2,009	30,877	291,449	8,005	34,708	264,378	10,749	160,446	Ariz.
3,612	366,583	1,144	5,624	441,901	1,446	6,049	495,955	1,108	10,784	Utah.
6,790	74,276	513	7,086	70,699	340	6,362	81,425	516	9,117	Nev.
108,415	4,023,873	26,195	139,236	5,358,634	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	6, 991, 665	8, 361, 965	13, 712, 754
New England	2, 803, 149	3, 167, 082	1, 906, 340	2, 120, 423	735, 936	943, 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	35, 866	41, 043	44, 526
Massachusetts	1, 230, 773	1, 420, 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, 398	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	156, 868
Illinois	3, 066, 563	3, 763, 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, 435, 492	736, 051	698, 795	366, 065	392, 359	460, 128
West North Central	7, 475, 548	8, 547, 493	2, 126, 126	1, 946, 472	1, 251, 752	1, 320, 255	1, 371, 861
Minnesota	827, 027	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, 064	272, 240	202, 018	200, 919	186, 026
North Dakota	207, 966	255, 622	203, 973	193, 107	96, 512	116, 366	131, 503
South Dakota	308, 598	375, 378	141, 341	132, 497	86, 817	95, 930	82, 391
Nebraska	757, 064	873, 849	231, 948	216, 227	140, 555	148, 280	149, 652
Kansas	1, 308, 804	1, 453, 442	163, 964	144, 600	125, 560	125, 089	110, 578
South Atlantic	8, 779, 416	10, 412, 368	353, 643	384, 837	199, 961	247, 801	315, 920
Delaware	139, 876	155, 024	23, 288	23, 477	9, 641	10, 308	19, 810
Maryland	893, 088	1, 039, 796	143, 203	144, 418	66, 269	74, 863	102, 177
Dist. of Columbia	239, 488	262, 427	35, 129	36, 809	23, 095	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, 006
North Carolina	1, 765, 203	2, 208, 563	5, 737	7, 919	5, 740	9, 678	7, 009
South Carolina	799, 418	925, 439	7, 025	6, 477	5, 694	6, 858	6, 401
Georgia	1, 642, 607	1, 702, 499	16, 371	15, 215	13, 860	15, 343	16, 186
Florida	532, 205	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, 604	30, 780
Tennessee	1, 832, 757	2, 087, 383	20, 423	19, 303	17, 335	18, 867	15, 478
Alabama	1, 304, 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, 378	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, 000	48, 881	44, 871
Oklahoma	1, 679, 107	1, 904, 305	53, 083	48, 465	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, 388	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, 163	250, 055
Oregon	497, 726	629, 974	95, 827	108, 797	73, 442	92, 783	102, 151
California	1, 677, 955	2, 930, 135	573, 927	780, 460	331, 167	519, 618	681, 662

Source: Bureau of the Census, Department of Commerce.

AND PARENTAGE, BY STATES

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

Foreign-born white—Contd.	Negro		Mexican	Indian		Chinese		Japanese		Division and State
1930	1920	1930	1930	1920	1930	1920	1930	1920	1930	
13,366,407	10,463,131	11,891,143	1,422,533	244,437	332,397	61,639	74,954	111,010	138,834	U. S.
1,834,310	79,051	94,086	107	1,715	2,466	3,602	3,794	347	352	N. E.
100,368	1,310	1,096	2	839	1,012	161	115	7	3	Me.
82,660	621	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	1,052,899	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.
3,223,224	514,554	930,450	58,317	15,695	19,817	5,043	6,340	827	1,022	E. N. C.
644,151	186,187	309,304	4,037	151	435	941	1,425	130	187	Ohio.
135,134	80,810	111,982	9,642	125	255	283	279	81	71	Ind.
1,218,158	182,274	328,972	28,906	194	499	2,776	3,192	472	564	Ill.
840,208	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	39,305	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	29	19	Iowa.
149,390	178,241	223,840	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.
115,340	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	13,073	19,060	1,824	1,868	360	393	S. A.
16,885	30,335	32,602	24	2	5	43	38	8	8	Del.
95,093	244,479	276,379	56	32	50	371	492	29	38	Md.
29,932	109,966	132,068	67	37	40	461	398	103	78	D. C.
23,820	690,017	650,165	36	824	779	278	293	56	43	Va.
51,520	86,345	114,893	257	7	18	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	804,719	793,681	9	304	959	93	41	15	15	S. C.
13,917	1,206,365	1,071,125	47	125	43	211	253	9	32	Ga.
59,057	329,487	431,828	185	518	587	181	200	106	153	Fla.
57,665	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.
7,049	935,184	1,009,718	1,221	1,105	1,458	364	561	--------	1	Miss.
170,232	2,063,579	2,281,951	695,996	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	1,666	1,536	387	422	57	52	La.
26,753	149,408	172,198	7,354	57,337	92,725	261	206	67	104	Okla.
98,396	741,694	854,964	683,681	2,109	1,001	773	703	449	519	Tex.
287,914	30,801	30,225	249,314	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	3,638	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	2,303	2,195	17,387	17,837	Wash.
105,475	2,144	2,234	1,568	4,590	4,776	3,090	2,075	4,151	4,958	Oreg.
810,034	38,763	81,048	368,013	17,360	19,212	28,812	37,361	71,952	97,456	Calif.

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

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

Division and State	Per cent of total population						Per cent of white population						
	White			Negro			Native, 1930				Foreign born		
	1910	1920	1930	1910	1920	1930	Total	Native parentage	Foreign parentage	Mixed parentage	1910	1920	1930
Continental United States	88.9	89.7	88.7	10.7	9.9	9.7	87.7	64.4	15.6	7.7	16.3	14.5	12.3
New England	93.9	93.9	93.8	1.0	1.1	1.2	77.3	39.3	26.3	11.7	28.0	25.6	22.7
Maine	99.7	99.7	99.7	.2	.2	.1	87.4	64.3	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	93.8	93.7	93.7	1.1	1.2	1.2	74.8	34.1	28.7	12.1	31.6	28.3	25.2
Rhode Island	93.1	93.3	93.5	1.8	1.7	1.4	74.8	31.2	30.6	13.0	33.4	29.2	25.2
Connecticut	93.6	93.4	93.1	1.4	1.5	1.8	75.7	34.1	31.7	9.9	29.9	27.7	24.3
Middle Atlantic	87.7	87.2	85.9	2.2	2.7	4.0	79.1	45.5	24.8	8.7	25.6	22.7	20.9
New York	88.4	87.9	86.5	1.5	1.9	3.3	73.7	36.8	27.6	9.3	30.4	27.4	26.3
New Jersey	86.4	86.2	84.8	3.5	3.7	5.2	77.9	41.0	27.3	9.6	26.9	24.3	22.1
Pennsylvania	87.4	86.7	85.4	2.5	3.3	4.5	86.6	58.3	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	98.6	97.3	96.6	.1	.1	.1	90.2	56.1	19.8	14.3	17.8	13.3	9.8
Nebraska	98.0	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	76.3	10.7	5.5	9.8	8.5	7.0
Dist. of Columbia	71.3	74.7	72.7	28.5	25.1	27.1	91.5	74.1	10.4	7.0	10.3	8.7	8.5
Virginia	67.4	70.1	73.1	32.6	29.9	26.8	98.7	95.6	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	13.7	98.1	91.8	3.8	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	95.0	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	99.1	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	84.0	58.4	15.2	11.3	24.2	20.9	15.1
Pacific	96.0	96.2	91.5	.7	.9	1.1	84.5	59.1	14.9	10.5	21.4	19.3	15.5
Washington	97.1	97.3	97.3	.5	.5	.4	83.9	57.4	15.1	11.4	21.7	18.0	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, 820, 223	100. 0	100. 0	100. 0	100. 0
White	50, 620, 084	62, 836, 605	44, 200, 831	46, 027, 602	93. 2	91. 1	86. 0	85. 5
Negro	3, 559, 473	5, 193, 913	6, 903, 658	6, 697, 230	6. 6	7. 5	13. 4	12. 4
All other [1]	125, 046	924, 305	301, 528	1, 095, 391	.2	1. 3	.6	2. 0
Native white:								
Native parentage	24, 556, 729	33, 497, 232	33, 865, 228	36, 639, 382	45. 2	48. 6	65. 9	68. 1
Foreign or mixed parentage	15, 706, 272	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, 837, 903	108. 3
White	31, 162, 570	31, 674, 035	98. 4	24, 001, 284	22, 026, 318	109. 0
Negro	2, 479, 158	2, 714, 755	91. 3	3, 376, 511	3, 320, 719	101. 7
All other	513, 032	411, 273	124. 7	604, 525	490, 866	123. 2
Native white:						
Native parentage	16, 515, 816	16, 981, 416	97. 3	18, 944, 185	17, 695, 197	107. 1
Foreign or mixed parentage	9, 004, 667	9, 607, 847	93. 7	3, 545, 477	3, 203, 195	110. 7
Foreign-born white	5, 642, 087	5, 084, 772	111. 0	1, 511, 622	1, 127, 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, 060	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, 026
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, 618, 030	6, 308, 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, 068, 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, 509	900, 024	843, 675	863, 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	125,070	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	51,037	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	32,000	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	67,892	26,503	29,820	51.5
Binghamton, N. Y.	35,005	39,647	48,443	66,800	76,662	40,030	46,389	60.5
Birmingham, Ala.	26,178	38,415	132,685	178,806	259,678	92,211	141,493	54.5
Boston, Mass.[3]	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	53,782	65,000	62.0
Cedar Rapids, Iowa	18,020	25,656	32,811	45,566	56,097	26,067	36,025	64.2
Charleston, S. C.	54,955	55,807	58,833	67,957	62,265	28,262	28,248	45.4
Charleston, W. Va.	6,742	11,099	22,996	39,608	60,408	31,044	48,167	79.7
Charlotte, N. C.	11,557	18,091	34,014	46,338	82,675	30,196	54,819	66.3
Chattanooga, Tenn.	29,100	30,154	44,604	57,895	119,798	34,911	81,212	67.8
Chester, Pa.	20,226	33,988	38,537	58,030	59,164	25,627	26,856	45.4
Chicago, Ill.	1,099,850	1,698,575	2,185,283	2,701,705	3,376,438	642,871	943,301	27.9
Cicero, Ill.	10,204	16,340	14,557	44,995	66,602	6,470	13,564	20.4
Cincinnati, Ohio	296,908	325,902	363,591	401,247	451,160	206,605	264,123	58.5
Cleveland, Ohio	261,353	381,768	560,663	796,841	900,429	212,247	242,832	27.0
Cleveland Heights, Ohio			2,955	15,236	50,945	9,053	26,210	51.4
Columbia, S. C.	15,353	21,108	26,319	37,524	51,581	21,605	30,417	59.0
Columbus, Ohio	88,150	125,560	181,511	237,031	290,564	159,069	201,778	69.4
Covington, Ky.	37,371	42,938	53,270	57,121	65,252	37,391	49,297	75.5
Dallas, Tex.	38,067	42,638	92,104	158,976	260,475	112,509	192,580	73.9
Davenport, Iowa	26,872	35,254	43,028	50,727	60,751	29,394	36,214	59.6
Dayton, Ohio	61,220	85,333	116,577	152,559	200,982	100,996	142,059	70.7
Dearborn, Mich.		844	911	2,470	50,358	(4)	20,351	40.4
Decatur, Ill.	16,841	20,754	31,140	43,818	57,510	33,254	45,939	79.9
Denver, Colo.	106,713	133,859	213,381	256,491	287,861	144,678	169,457	58.9
Des Moines, Iowa	50,093	62,139	86,368	126,468	142,559	84,361	100,230	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.		21,567	34,371	50,710	68,020	27,456	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	62,130	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	80,320	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	40,478	31.8	17,630	17,918	14.1	1,308	2,452	1.9	61,947	65,405	Albany.
12,767	18,439	19.9	8,612	9,607	10.4	186	370	.4	45,437	47,126	Allentown.
10,729	13,425	16.4	5,312	5,951	7.3	900	718	.9	40,351	41,703	Altoona.
808	1,506	3.0	555	842	1.7	7,157	14,260	28.4	23,124	27,069	Asheville.
8,099	9,007	3.3	4,738	4,727	1.7	62,831	90,119	33.3	126,493	143,873	Atlanta.
10,590	16,147	24.4	7,009	9,903	15.0	11,021	15,684	23.7	31,449	34,749	Atlantic City.
2,078	1,953	3.2	927	734	1.2	22,060	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	46.8	25,472	24,899	28.0	682	2,314	2.6	47,119	41,860	Bayonne.
3,558	4,084	7.1	1,918	1,523	2.6	13,236	19,225	33.3	28,844	28,888	Beaumont.
15,954	21,500	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	18,907	24.7	10,368	10,566	13.8	660	760	1.0	37,206	39,456	Binghamton.
10,255	13,101	5.1	6,084	5,867	2.3	70,256	99,127	38.2	125,855	133,823	Birmingham.
309,755	320,270	42.1	238,919	220,356	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	3,301	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.
2,084	3,736	6.2	1,354	1,741	2.9	4,526	6,764	11.2	29,687	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	106	.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	500	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.
20,388	20,758	14.8	13,111	12,014	6.0	9,064	17,151	8.5	99,822	101,160	Dayton.
(4)	10,222	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	309,281	25.5	41,613	128,521	8.2	821,920	746,742	Detroit.
44,265	45,305	44.7	30,118	24,929	24.6	603	554	.5	51,285	50,178	Duluth.
272	570	1.1	181	361	.7	7,658	18,724	36.0	24,629	27,408	Durham.
13,893	18,994	34.7	14,663	13,793	25.2	1,457	10,476	19.1	30,618	24,166	East Chicago.
14,075	19,404	28.5	6,780	10,036	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.
39,668	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.
20,764	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	45,833	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	34,600	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	59,208	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	34,609	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	11,400	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*	*40,851*	*55,838*	*68.4*
Long Beach, Calif.	564	2,252	17,809	55,593	142,032	37,888	99,992	70.4
Los Angeles, Calif.	50,395	102,479	319,198	576,673	1,238,048	294,458	618,028	49.9
Louisville, Ky.	161,129	204,731	223,928	234,891	307,745	130,403	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	19,146	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	108,874	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.[2]	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	27,960	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.
52,088	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	41,500	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.
19,823	29,702	10.2	12,012	11,293	3.9	34,008	77,665	26.6	145,962	146,390	Houston.
1,834	2,974	3.9	732	1,097	1.5	2,891	4,647	6.1	37,081	38,491	Huntington.
43,156	40,975	11.3	16,968	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.
12,027	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	60,990	Kansas City, Kans.
57,063	62,578	15.7	27,320	24,278	6.1	30,893	42,005	10.5	194,542	205,204	Kansas City, Mo.
16,235	20,520	40.8	12,714	12,257	24.4	114	253	.5	25,743	24,519	Kenosha.
2,141	2,449	2.3	812	824	.8	11,307	17,097	16.2	50,973	54,829	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	6,030	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	43,560	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	465	.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.
31,039	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	27,994	26,638	McKeesport.
14,470	24,109	40.4	8,554	13,672	22.9	551	614	1.0	28,872	30,842	Medford.
12,543	14,192	5.6	5,775	5,262	2.1	61,238	96,615	38.2	120,581	132,562	Memphis.
3,358	13,171	11.9	2,563	8,218	7.4	9,302	25,176	22.8	54,629	56,008	Miami.
213,911	241,695	41.8	110,068	109,353	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	77,945	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	65,760	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	26,702	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.
7,889	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	159	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	28,783	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	31,035	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	20,304	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	740,598	38.0
Pittsburgh, Pa.	[2]343,904	[2]451,512	533,905	588,343	669,817	216,530	272,182	40.6
Pontiac, Mich.	6,200	9,769	14,532	34,273	64,928	20,031	38,178	58.8
Port Arthur, Tex.	----------	900	7,663	22,251	50,902	14,702	34,121	67.0
Portland, Me.	36,425	50,145	58,571	69,272	70,810	35,969	38,318	54.1
Portland, Oreg.	46,385	90,426	207,214	258,288	301,815	130,216	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	23,590	30,031	59.9
Quincy, Mass.	16,723	23,590	32,642	47,876	71,983	14,845	25,889	36.0
Racine, Wis.	21,014	29,102	38,002	58,593	67,542	17,211	25,049	37.1
Reading, Pa.	58,661	78,961	96,071	107,784	111,171	81,000	79,807	71.8
Richmond, Va.	81,388	85,050	127,628	171,667	182,929	102,956	115,536	63.2
Roanoke, Va.	16,159	21,495	34,874	50,842	69,206	39,000	54,153	78.2
Rochester, N. Y.	133,896	162,608	218,149	295,750	328,132	111,976	127,435	38.8
Rockford, Ill.	23,584	31,051	45,401	65,651	85,864	24,141	36,558	42.6
Sacramento, Calif.	26,386	29,282	44,696	65,908	93,750	32,696	47,436	50.6
Saginaw, Mich.	46,322	42,345	50,510	61,903	80,715	25,805	36,841	45.6
St. Joseph, Mo.	52,324	102,979	77,403	77,939	80,935	53,531	60,694	75.0
St. Louis, Mo.	451,770	575,238	687,029	772,897	821,960	359,482	438,592	53.4
St. Paul, Minn.	133,156	163,065	214,744	234,698	271,606	77,378	111,617	41.1
Salt Lake City, Utah	44,843	53,531	92,777	118,110	140,267	56,234	78,951	56.3
San Antonio, Tex.	37,673	53,321	96,614	161,379	231,542	76,209	99,602	43.0
San Diego, Calif.	16,159	17,700	39,578	74,361	147,995	41,333	86,933	58.8
San Francisco, Calif.	298,997	342,782	416,912	506,676	634,394	167,179	235,298	37.1
San Jose, Calif.	18,060	21,500	28,946	39,642	57,651	18,011	27,497	47.7
Savannah, Ga.	43,189	54,244	65,064	83,252	85,024	34,420	37,846	44.5
Schenectady, N. Y.	19,902	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	32,280	31,351	30.2
South Bend, Ind.	21,819	35,999	53,684	70,983	104,193	33,915	57,618	55.3
Spokane, Wash.	19,922	36,848	104,402	104,437	115,514	57,324	67,434	58.4
Springfield, Ill.	24,963	34,159	51,678	59,183	71,864	35,255	46,294	64.4
Springfield, Mass.	44,179	62,059	88,926	129,614	149,900	48,945	58,056	38.7
Springfield, Mo.	21,850	23,267	35,201	39,631	57,527	33,852	51,522	89.6
Springfield, Ohio	31,895	38,253	46,921	60,840	68,743	43,037	50,973	74.2
Syracuse, N. Y.	88,143	108,374	137,249	171,717	209,326	80,072	101,920	48.7
Tacoma, Wash.	36,006	37,714	83,743	96,965	106,817	44,657	52,217	48.9
Tampa, Fla.	5,532	15,839	37,782	51,608	101,161	17,542	43,096	42.6
Terre Haute, Ind.	30,217	36,673	58,157	66,083	62,810	48,976	48,337	77.0
Toledo, Ohio	81,434	131,822	168,497	243,164	290,718	124,055	165,182	56.8
Topeka, Kans.	31,007	33,608	43,684	50,022	64,120	33,594	45,759	71.4
Trenton, N. J.	57,458	73,307	96,815	119,289	123,356	44,195	42,397	34.4
Troy, N. Y.	60,956	60,651	76,813	71,996	72,763	33,080	37,428	51.4
Tulsa, Okla.	----------	1,390	18,182	72,075	141,258	55,660	111,931	79.2
Union City, N. J.	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.	230,392	278,718	331,069	437,571	486,869	239,488	262,427	53.9
Waterbury, Conn.	28,646	45,859	73,141	91,715	99,902	22,122	26,066	26.1
Wheeling, W. Va.	34,522	38,878	41,641	56,208	61,659	34,059	38,938	63.2
Wichita, Kans.	23,853	24,671	52,450	72,217	111,110	58,052	91,599	82.4
Wilkes-Barre, Pa.	37,718	51,721	67,105	73,833	86,626	28,709	34,538	39.9
Wilmington, Del.	61,431	76,508	87,411	110,168	106,597	56,868	56,838	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	60,716	58,699	30.1
Yonkers, N. Y.	32,033	47,931	79,803	100,176	134,646	36,059	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.
[2] 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	10,289	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	160,261	167,871	Rochester.
23,641	29,862	34.8	17,343	18,164	21.2	526	1,280	1.5	43,429	42,435	Rockford.
18,638	24,214	25.8	10,873	12,612	13.5	3,701	9,488	10.1	49,790	43,960	Sacramento.
24,119	27,803	34.4	11,605	11,099	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	703	.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	3,564	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.
29,330	32,546	30.5	20,563	19,796	18.5	2,409	2,258	2.1	54,154	52,663	Tacoma.
11,837	22,296	22.0	10,666	14,430	14.3	11,563	21,339	21.1	49,747	51,414	Tampa.
9,779	8,320	13.2	3,667	2,665	4.2	3,661	3,488	5.6	30,326	32,484	Terre Haute.
75,185	78,085	26.9	38,145	33,474	11.5	5,779	13,977	4.8	147,691	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	1,193	1,245	2.3	1,424	2,276	4.1	26,823	28,431	York.
45,302	59,565	35.0	33,834	32,938	19.4	6,763	14,894	8.8	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	11,882,053	11,748,399	0.8	−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	−0.5
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	625,586	595,250	−6.0	−4.8
Denmark and Iceland[2]	64,196	132,543	153,699	181,649	189,164	182,238	4.1	−3.7
Netherlands	58,090	81,828	94,931	120,063	131,766	133,133	9.7	1.0
Belgium[2]	15,535	22,539	29,757	49,400	62,087	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	113,070	−5.0	−4.8
France[2]	106,971	113,174	104,197	117,418	153,072	135,592	30.4	−11.4
Central and Eastern Europe	2,187,776	3,420,629	4,136,646	6,024,041	6,134,845	5,897,799	1.8	−3.9
Germany[3]	1,966,742	2,784,894	2,663,418	[3] 2,311,237	1,686,108	1,608,814	−27.0	−4.6
Poland[3]	48,557	147,440	383,407	[3] 937,884	1,139,979	1,268,583	21.5	11.3
Czechoslovakia[4]					362,438	491,638		35.6
Austria[2]	124,024	241,377	432,798	[3] 845,555	575,627	370,914	−31.9	−35.6
Hungary[4]	11,526	62,435	145,714	495,609	397,283	274,450	−19.8	−30.9
Yugoslavia[4]					169,439	211,416		24.8
Serbia[5]				4,639				
Montenegro[5]				5,374				
Russia and Lithuania	35,722	182,644	423,720	[3] 1,184,412	1,535,563	1,347,234	20.6	−10.7
Latvia and Estonia						24,223		
Finland			62,641	129,080	149,824	142,478	15.5	−4.9
Rumania[2]			15,032	65,923	102,823	146,393	56.0	42.4
Bulgaria[3]				11,498	10,477	9,309	−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	206,648	530,209	1,525,875	1,911,213	2,106,295	25.3	10.2
Greece[2]	776	1,887	8,515	101,282	175,076	174,526	73.7	−0.3
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	72,164	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	(6)	(6)	(6)	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	1,179,022	1,209,717	1,138,174	1,310,369	−5.9	15.1
Canada—								
French[3]		302,496	395,126	385,083	307,786	370,852	−20.1	20.6
Other[9]		678,442	784,790	819,554	817,139	915,537	−0.3	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] 78,902	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 (100,096), 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	3,828,376	27.9	3,724,035	27.9
England	812,828	5.9	808,672	6.1
Scotland	254,567	1.9	354,323	2.7
Wales	67,066	.5	60,205	.5
Northern Ireland	1,037,233	7.6	178,832	1.3
Irish Free State			744,810	5.6
Norway	363,862	2.7	347,852	2.6
Sweden	625,580	4.6	595,250	4.5
Denmark	[1] 189,154	[1] 1.4	179,474	1.3
Netherlands	131,766	1.0	133,133	1.0
Belgium	62,686	.5	64,194	.5
Luxemburg	12,585	.1	9,048	.1
Switzerland	118,659	.9	113,010	.8
France	152,890	1.1	135,232	1.0
Central Europe	4,330,860	31.6	4,225,815	31.6
Germany	1,686,102	12.3	1,608,814	12.0
Poland	1,139,978	8.3	1,268,563	9.5
Czechoslovakia	362,436	2.6	491,638	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			1,153,624	8.6
Latvia	1,400,489	10.2	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	23,971	.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	73,638	.6
Australia	10,801	.1	12,720	.1
Iceland	(1)	(1)	2,764	(2)
Azores	38,984	.3	35,427	.3
Other Atlantic islands			4,052	(2)
All other	17,727	.1	18,673	.1

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

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

Country of birth	Urban	Rural	Per cent urban
Total	10,726,859	2,639,548	80.3
Europe	9,438,606	2,301,515	80.4
Northwestern Europe	2,821,391	902,644	75.8
England	641,200	167,472	79.3
Scotland	295,541	58,782	83.4
Wales	45,968	14,237	76.4
Northern Ireland	150,782	28,050	84.3
Irish Free State	671,727	73,083	90.2
Norway	194,936	152,916	56.0
Sweden	408,032	187,218	68.5
Denmark	107,127	72,347	59.7
Netherlands	80,466	52,667	60.4
Belgium	47,136	17,058	73.4
Luxemburg	5,693	3,355	62.9
Switzerland	67,918	45,092	60.1
France	104,865	30,367	77.5
Central Europe	3,312,950	912,865	78.4
Germany	1,176,950	431,864	73.2
Poland	1,096,114	172,409	86.4
Czechoslovakia	348,261	143,377	70.8
Austria	308,482	62,432	83.2
Hungary	228,642	45,808	83.3
Yugoslavia	154,501	56,915	73.1
Eastern Europe	1,451,825	220,155	86.8
Russia	1,041,173	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	79,807	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	28,820	3,337	89.6
Palestine and Syria	57,357	6,005	90.5
Other Asia	13,431	1,970	87.2
America	1,092,246	302,824	78.3
Canada—French	292,564	78,288	78.9
Other	696,174	211,395	76.7
Newfoundland	22,021	1,950	91.9
Mexico	18,596	5,147	78.3
Cuba	15,128	816	94.9
Other West Indies [1]	13,960	1,522	90.2
Cen. and S. America	33,803	3,706	90.1
Other countries	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, 363, 407	803, 872	354, 323	60, 205	178, 332	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, 514	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, 686	78, 418	32, 724	1, 358	20, 378	138, 360	5, 454	36, 810	3, 070	1, 890	1, 956
Rhode Island	170, 714	24, 690	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, 209, 042	276, 133	137, 861	26, 336	92, 559	361, 502	55, 627	91, 045	28, 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, 620	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, 679	14, 535	23, 322	93, 861	74, 228	165, 785	42, 397	57, 443	33, 053
Ohio	644, 151	40, 665	17, 362	6, 807	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, 339	3, 277	10, 054	57, 208	30, 256	111, 016	18, 945	14, 828	11, 564
Michigan	840, 268	62, 721	35, 267	2, 236	6, 138	11, 390	7, 201	23, 905	7, 210	32, 128	13, 931
Wisconsin	386, 213	8, 477	2, 723	1, 241	1, 057	3, 473	34, 391	18, 808	13, 094	6, 260	2, 458
West North Central	1, 059, 277	38, 641	13, 035	3, 882	6, 750	23, 983	131, 904	147, 988	50, 193	20, 532	5, 590
Minnesota	388, 294	8, 445	3, 241	582	1, 403	5, 095	71, 562	90, 623	13, 831	4, 832	1, 701
Iowa	165, 735	9, 045	2, 871	1, 183	1, 778	4, 179	12, 932	16, 810	14, 698	10, 135	932
Missouri	149, 390	7, 919	2, 419	573	1, 308	8, 561	575	3, 895	1, 497	706	859
North Dakota	105, 148	1, 592	891	111	329	863	31, 337	8, 470	2, 936	658	238
South Dakota	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, 395	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, 824	1, 397
Delaware	16, 885	1, 302	502	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	20, 932	2, 835	884	116	403	3, 026	228	435	229	151	92
Virginia	23, 820	3, 088	1, 239	132	375	780	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	69
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, 178	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, 090	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, 248	5, 038	1, 343
Montana	72, 961	6, 020	2, 721	580	1, 095	3, 950	8, 991	5, 655	2, 541	1, 263	509
Idaho	30, 464	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	300
New Mexico	7, 797	648	354	99	91	218	119	263	101	64	34
Arizona	15, 591	2, 309	579	139	235	653	205	778	364	100	50
Utah	43, 772	10, 851	1, 669	862	234	584	1, 698	4, 389	4, 883	2, 325	79
Nevada	12, 275	994	285	67	155	463	191	443	541	44	24
Pacific	1, 159, 765	113, 400	39, 647	6, 397	14, 085	42, 237	56, 483	86, 850	33, 901	13, 383	5, 042
Washington	244, 259	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.
76	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	818	1,706	241	230	30	16	1,880	1,121	92	Me.
2	82	299	1,517	4,101	132	174	47	36	1,427	1,084	46	N. H.
1	168	182	577	1,562	191	132	156	71	660	160	21	Vt.
31	1,272	6,026	20,538	71,442	2,966	4,266	905	305	67,684	25,219	2,315	Mass.
11	204	2,013	3,090	8,696	274	838	133	24	5,890	922	93	R. I.
26	1,774	2,889	23,465	49,267	12,220	6,306	9,836	882	25,769	13,247	339	Conn.
867	30,985	52,449	572,571	619,628	198,705	216,000	136,753	54,662	659,250	69,882	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	175,168	67,872	4,451	E. N. C.
163	7,624	5,746	95,697	64,493	68,738	20,547	47,026	38,884	32,627	7,581	721	Ohio.
56	1,624	2,160	28,152	17,482	8,325	2,709	7,674	6,646	4,749	2,109	116	Ind.
2,786	7,315	10,155	190,605	173,007	76,420	33,336	20,395	28,173	87,026	44,733	2,609	Ill.
375	2,834	4,581	81,714	110,228	17,646	13,299	19,188	16,468	34,348	9,340	674	Mich.
596	7,669	1,459	128,269	42,359	19,580	12,709	6,490	12,266	16,418	4,109	331	Wis.
2,874	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	808	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.
86	2,248	3,950	38,225	26,239	8,309	7,578	6,737	3,065	35,870	5,681	1,384	S. A.
------	75	147	1,459	2,954	159	435	157	7	1,450	90	29	Del.
19	497	773	18,925	12,027	3,344	2,634	1,219	275	18,782	3,422	624	Md.
8	360	707	3,411	1,562	193	493	228	55	4,914	256	142	D. C.
3	191	365	2,505	1,221	927	492	560	67	2,989	400	261	Va.
11	398	546	3,129	5,545	2,831	2,254	3,683	2,440	2,209	1,009	71	W.Va.
4	87	156	903	319	50	146	70	9	758	121	31	N.C.
1	26	76	747	510	52	74	32	13	556	60	49	S. C.
------	114	278	1,682	1,156	115	225	136	39	2,200	155	115	Ga.
39	500	902	5,464	945	638	825	652	160	2,012	168	62	Fla.
19	1,561	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	203	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	9,988	2,488	1,714	2,468	690	3,650	12,979	262	61	Colo.
5	117	259	936	97	143	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	115,295	20,318	10,105	18,035	7,879	19,045	59,554	2,983	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	2,986	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	6,399	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	10,087	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	4	274
Massachusetts	89	13,077	1,089	116	217	16,780	126,103	798	24,840	3,116	7,705	7,403
Rhode Island	10	448	480	48	38	1,100	32,493	110	8,118	282	1,909	1,249
Connecticut	71	1,631	1,178	50	33	3,337	87,123	917	2,345	771	774	1,679
Middle Atlantic	1,949	22,290	72,826	1,544	1,043	51,053	1,040,159	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	6,029	190,858	4,982	3,655	1,040	1,947	2,939
Pennsylvania	210	2,125	15,126	442	117	11,646	225,979	2,840	1,291	2,969	1,591	5,521
East North Central	401	42,948	43,371	4,914	424	49,101	244,604	4,583	546	7,500	5,927	12,599
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	405	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	892	34	8,018	31,653	659	32	1,082	267	3,294
Minnesota	30	24,360	2,819	238	7	1,765	6,401	42	5	138	60	705
Iowa	4	70	284	159	2	1,910	3,834	22	1	69	68	580
Missouri	9	100	2,321	151	19	2,405	15,204	460	14	547	86	889
North Dakota	7	873	2,518	39		303	102	8	1	27	22	239
South Dakota	3	825	410	46	3	279	305	7	1	25	3	233
Nebraska	3	48	336	30	3	822	3,042	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	108	11,449	39,512	6,277	393	762	323	4,818
Delaware	11	50	91	2	4	339	3,709	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	1,853	111	57	104	133	560
West Virginia	6	144	667	121	12	2,479	12,088	1,372	49	172	16	1,317
North Carolina	4	9	33	7	6	1,006	438	21	9	37	2	701
South Carolina	2	38	21	1	6	627	188	19	3	30		413
Georgia	6	104	143	8	12	1,197	712	79	90	46	23	411
Florida	40	333	645	38	12	1,552	5,202	4,125	122	70	48	902
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	53	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	20	12	574	13,526	666	52	135	15	954
Oklahoma		25	140	109		642	1,157	50	12	71	10	838
Texas	28	180	544	49	23	1,803	6,550	714	39	370	24	1,802
Mountain	84	5,765	1,435	640	20	6,716	23,774	3,480	224	256	193	1,207
Montana	29	2,700	641	197	1	840	2,840	67	14	67	43	166
Idaho	9	858	110	29	1	414	1,153	1,086	18	12	14	45
Wyoming	10	633	55	68	2	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
Turkey in Asia	Other Asia[2]	Canada		Newfoundland	Mexico	Cuba	Other West Indies[3]	Central and South America	Australia	Azores	Iceland		
		French	Other										
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	12,583	145	350	1,037	2,460	597	22,272	73	3,235	N. E.
131	35	36,947	36,796	204	4	11	45	31	20	5	2	100	Me.
259	22	37,682	13,277	228	4	16	19	34	20	34	.....	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	66	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	160	6,484	M. A.
16,673	3,163	28,955	118,919	6,374	2,744	6,058	8,372	16,032	1,669	138	114	4,551	N. Y.
2,353	579	2,470	14,051	932	288	582	1,023	2,415	428	50	48	1,034	N. J.
2,157	667	1,911	14,441	740	519	489	489	1,702	539	10	4	899	Pa.
8,593	4,362	42,308	252,217	1,725	2,905	689	571	3,310	1,684	22	227	3,571	E. N. C.
1,826	614	2,606	24,241	217	309	189	119	683	307	2	6	660	Ohio.
297	288	682	5,519	69	218	30	22	148	98	3	3	178	Ind.
2,048	2,411	6,189	37,400	386	1,430	287	207	1,483	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	48	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	160	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	616	153	137	339	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	75	572	5,244	27	336	28	33	213	114	1	1	161	Colo.
8	17	62	551	6	300	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	8,824	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 adjusted by deducting from the total, and from Spanish mother tongue, the estimated number of persons who would have been classified as Mexican in 1930.

Mother tongue	Number		Per cent distribution		Per cent of increase, 1920–1930 [1]	Male		Female	
	1920	1930	1920	1930		1920	1930	1920	1930
Total	13,255,394	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	42,203	.3	.3	−7.5	26,020	23,707	19,076	18,556
Scandinavian:									
Swedish	643,203	615,405	4.9	4.6	−4.3	354,830	344,403	288,373	271,002
Norwegian	362,199	345,522	2.7	2.6	−4.6	201,778	195,131	160,421	150,391
Danish	187,162	178,944	1.4	1.3	−4.4	113,150	109,550	74,012	69,394
Icelandic	2,369	2,714	------	------	14.6	1,161	1,339	1,208	1,375
Latin and Greek:									
Italian	1,624,998	1,908,289	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	174,688	169,066	1.3	1.4	8.2	142,477	138,780	32,181	50,286
Slavic and Lettic:									
Polish	1,077,392	965,890	8.1	7.2	−10.3	614,876	524,243	462,516	441,656
Czech	234,564	201,138	1.8	1.5	−14.3	121,482	101,425	113,082	99,713
Slovak	274,948	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	40,609	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
Lithuanian	182,227	165,063	1.4	1.2	−5.3	112,557	96,164	69,670	68,889
Lettish		7,590		.1			4,383		3,207
Unclassified:									
Yiddish	1,091,820	1,222,658	8.2	9.1	12.0	570,030	621,809	521,790	600,849
Magyar	[2] 290,419	250,393	2.2	1.9	−13.8	161,140	129,775	129,279	120,618
Finnish	132,543	124,994	1.0	.9	−5.7	75,588	67,706	56,955	57,198
Estonian	1,024	2,800	------	------	174.3	742	1,920	282	880
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] Corrected figures.
[3] Reported as "Slavic, not specified" in 1920 but practically all Wendish.

Source: Bureau of the Census, Department of Commerce.

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

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

Country of birth	Male					Female				
	Total 21 years and over [1]	Naturalized		Having first papers	Aliens	Total 21 years and over [1]	Naturalized		Having first papers	Aliens
		Number	Per cent				Number	Per cent		
1920, total	6,747,394	3,308,924	49.0	1,114,432	1,973,918	5,445,935	2,883,092	52.9	77,301	2,118,196
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	301,838	272,566	69.6	46,307	56,671	376,363	255,542	67.9	18,871	84,708
Scotland	163,588	96,710	59.1	31,062	29,992	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	3,793
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	1,804	6,845
Luxemburg	5,383	4,452	82.7	386	351	3,509	2,761	78.7	158	435
Switzerland	62,951	42,521	67.5	7,843	10,052	46,530	32,447	69.7	2,465	9,408
France	63,240	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	108,093	87,606	734,959	534,407	72.7	46,037	121,694
Poland	656,348	363,922	55.4	110,597	169,496	560,282	252,427	45.1	30,238	264,097
Czechoslovakia	246,763	159,915	64.8	33,703	47,975	226,980	134,209	59.1	10,229	75,803
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	39,552	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	55,760	51.1	18,511	32,631	80,821	34,826	43.1	4,081	39,913
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	62,649	49.9	22,701	36,516	41,717	12,825	30.7	2,158	25,349
Albania	6,146	2,227	36.2	1,386	2,396	1,913	360	18.8	98	1,410
Italy	986,531	545,729	55.3	119,191	299,015	693,177	303,114	43.7	21,840	347,291
Spain	40,250	7,554	18.8	6,098	25,408	14,715	2,986	20.3	649	10,516
Portugal	40,264	8,129	20.2	4,237	26,872	25,728	4,602	17.9	581	19,631
Other Europe	9,086	4,289	47.2	1,812	2,358	5,993	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	1,607	51.4	488	596	1,981	1,083	54.7	124	684
Syria	30,994	17,997	58.1	4,707	7,449	23,131	9,876	42.7	1,082	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	161,660	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	116,804
Newfoundland	10,177	4,239	41.7	2,256	3,208	10,914	4,504	41.3	832	4,905
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	704	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	1,705	1,056	58.8	109	508
All other [4]	3,406	1,635	48.0	119	310	2,516	1,513	60.1	37	261

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

Source: Bureau of the Census, Department of Commerce.

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

Division and State	Persons 21 years of age and over						
	All classes			Native white			
				Total		Native parentage	
	Total	Male	Female	Male	Female	Male	Female
Continental United States.	72, 943, 624	37, 056, 757	35, 886, 867	26, 418, 680	26, 343, 811	19, 257, 937	18, 858, 829
New England	5, 095, 074	2, 481, 494	2, 613, 580	1, 696, 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, 022	66, 947
Massachusetts	2, 686, 487	1, 287, 970	1, 398, 517	787, 045	868, 395	384, 681	414, 903
Rhode Island	421, 197	202, 029	219, 168	120, 480	133, 911	64, 159	57, 644
Connecticut	985, 782	489, 250	496, 532	291, 803	313, 340	140, 203	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, 609	807, 451	442, 103	450, 191
Pennsylvania	5, 656, 779	2, 849, 895	2, 806, 884	2, 064, 557	2, 135, 670	1, 491, 075	1, 522, 811
East North Central	15, 685, 265	8, 067, 927	7, 627, 438	6, 013, 332	5, 948, 338	4, 032, 748	3, 899, 207
Ohio	4, 132, 251	2, 095, 788	2, 036, 463	1, 651, 202	1, 667, 020	1, 261, 525	1, 247, 068
Indiana	2, 003, 019	1, 016, 313	986, 706	898, 602	894, 572	709, 727	700, 552
Illinois	4, 841, 768	2, 469, 993	2, 371, 775	1, 707, 070	1, 723, 009	1, 038, 559	1, 014, 262
Michigan	2, 939, 409	1, 558, 021	1, 381, 388	1, 055, 413	983, 707	648, 349	581, 925
Wisconsin	1, 768, 818	917, 712	851, 106	701, 045	680, 024	314, 588	295, 400
West North Central	8, 000, 433	4, 104, 361	3, 896, 072	3, 386, 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, 596, 120	765, 863	740, 266	668, 240	662, 364	443, 975	435, 426
Missouri	2, 289, 657	1, 137, 503	1, 132, 154	980, 256	991, 121	802, 602	797, 097
North Dakota	358, 182	196, 028	162, 154	134, 564	116, 807	47, 998	40, 420
South Dakota	385, 808	207, 413	178, 395	164, 395	145, 021	83, 978	73, 135
Nebraska	812, 450	419, 139	393, 311	349, 159	336, 300	216, 777	207, 309
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, 788, 881
Delaware	148, 792	76, 058	72, 734	56, 450	56, 235	48, 222	47, 452
Maryland	996, 028	500, 549	496, 379	366, 686	374, 862	300, 548	302, 820
District of Columbia	341, 465	160, 800	180, 656	102, 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, 366	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, 811, 094	3, 391, 930	3, 219, 164	2, 497, 846	2, 353, 497	2, 278, 927	2, 149, 292
Arkansas	968, 231	494, 949	473, 282	359, 802	340, 696	346, 077	328, 216
Louisiana	1, 134, 852	566, 908	567, 944	341, 731	340, 854	306, 530	299, 807
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, 166	1, 080, 004	1, 021, 821
Mountain	2, 108, 221	1, 142, 751	965, 470	886, 977	769, 230	628, 341	548, 309
Montana	318, 611	181, 494	137, 117	131, 757	106, 511	80, 613	62, 038
Idaho	246, 770	136, 212	110, 558	115, 038	98, 072	83, 006	70, 667
Wyoming	152, 954	77, 205	75, 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, 703	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, 056	17, 640	16, 915	11, 487
Pacific	5, 405, 930	2, 902, 989	2, 502, 941	2, 036, 484	1, 980, 351	1, 416, 036	1, 334, 661
Washington	1, 010, 167	545, 410	464, 757	394, 909	362, 415	264, 735	236, 039
Oregon	621, 375	331, 805	289, 570	265, 741	246, 006	196, 171	177, 399
California	3, 864, 388	2, 025, 774	1, 838, 614	1, 375, 774	1, 371, 930	955, 130	921, 223

Source: Bureau of the Census, Department of Commerce.

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

Persons 21 years of age and over—Continued								Males 18 to 44 years of age	Division and State
Native white—Con.		Foreign-born white		Negro		All other			
Foreign or mixed parentage		Male	Female	Male	Female	Male	Female		
Male	Female								
7,160,643	7,484,982	6,797,494	5,840,149	3,235,441	3,296,498	605,242	406,409	25,839,207	U. S.
714,344	792,564	851,225	870,489	29,595	29,175	4,061	972	1,022,346	N. E.
44,155	45,067	45,712	45,179	391	322	373	258	145,948	Me.
35,095	37,576	38,457	38,512	409	157	75	23	86,164	N. H.
23,309	23,493	19,906	17,481	197	122	40	11	68,317	Vt.
402,964	453,402	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	156,659	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	146,088	15,184	3,436	2,894,157	N. Y.
331,506	357,260	419,593	376,920	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.
1,380,584	2,049,131	1,079,021	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	35,302	5,616	1,553	656,223	Ind.
668,511	708,747	630,727	531,973	115,261	111,431	16,935	5,362	1,722,268	Ill.
407,064	401,782	430,934	341,492	62,139	52,207	9,535	3,982	1,116,699	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	2,719,743	W. N. C.
349,600	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	130,758	N.Dak.
80,417	72,486	36,886	27,288	239	181	5,893	5,305	145,191	S. Dak.
132,382	120,060	61,942	50,502	4,967	4,554	3,071	1,955	286,346	Nebr.
106,749	102,308	37,553	30,810	22,477	20,487	7,228	3,742	381,713	Kans.
182,394	195,802	162,775	126,484	1,073,366	1,136,675	6,399	4,129	3,035,876	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	348,086	W. Va.
5,162	5,451	4,833	3,457	200,365	218,620	3,414	3,237	587,665	N. C.
4,210	4,372	2,996	2,026	159,190	184,598	268	211	309,581	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	25,058	127,988	123,037	480	229	308,700	Fla.
70,190	78,791	32,297	23,230	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	491,508	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	2,546,615	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	2,009	1,350	432,006	La.
40,548	36,423	15,178	10,852	48,364	45,798	22,902	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	780,317	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	2,808	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	406,285	32,501	31,337	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	40,200	978	739	6,082	2,566	206,921	Oreg.
420,644	450,707	430,492	332,330	28,628	28,932	190,880	105,422	1,338,850	Calif.

No. 28.—AGE DISTRIBUTION OF

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

	Division and State	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years
1	**Continental U. S.**	11,444,390	12,607,609	12,004,877	11,552,115	10,870,378	9,833,608	9,120,421	9,208,645
2	**New England**	689,782	768,842	761,595	715,663	657,383	605,870	601,804	628,368
3	Maine	75,037	79,727	74,061	68,683	60,575	53,110	52,613	52,853
4	New Hampshire	30,350	43,543	42,028	38,822	34,367	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	Massachusetts	349,640	390,657	387,003	366,149	345,573	324,136	321,499	335,441
7	Rhode Island	59,624	67,620	64,744	62,414	56,677	51,690	51,374	52,099
8	Connecticut	132,899	152,530	160,046	148,123	131,862	120,783	121,144	129,721
9	**Middle Atlantic**	2,214,805	2,470,204	2,447,292	2,354,216	2,303,339	2,187,974	2,115,881	2,133,190
10	New York	989,294	1,084,839	1,078,186	1,071,313	1,139,029	1,122,879	1,081,129	1,072,385
11	New Jersey	329,668	380,918	384,342	364,396	350,402	332,810	331,332	338,222
12	Pennsylvania	895,843	1,004,447	984,764	918,507	813,908	732,285	703,420	722,583
13	**East North Central**	2,208,821	2,414,163	2,334,961	2,227,213	2,187,732	2,063,777	1,968,728	2,011,235
14	Ohio	573,104	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	653,150	621,708	638,994
17	Michigan	463,441	486,970	455,469	416,886	418,202	415,904	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	985,954
20	Minnesota	231,001	256,751	253,788	239,946	214,432	193,469	189,705	192,934
21	Iowa	220,277	242,963	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	271,088
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	1,908,741	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	175,834	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	104,700
35	Georgia	316,404	353,910	338,860	334,836	288,126	222,930	183,399	186,959
36	Florida	141,832	152,127	142,881	138,215	137,814	128,299	110,119	110,752
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	313,882	331,713	303,440	294,168	250,361	208,954	164,833	163,991
41	Mississippi	234,295	249,398	228,344	222,402	199,362	158,723	126,211	125,993
42	**West South Central**	1,314,952	1,425,421	1,296,077	1,280,160	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	264,537	285,846	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**	383,666	408,579	382,579	352,747	320,176	280,076	259,569	268,505
48	Montana	49,263	53,992	50,396	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	20,446	18,489	18,130	18,808
51	Colorado	95,670	104,780	98,940	95,132	86,913	77,310	74,191	77,337
52	New Mexico	53,853	55,094	46,346	43,135	37,797	32,332	27,984	28,517
53	Arizona	50,087	50,457	42,861	39,981	40,453	37,633	33,450	32,939
54	Utah	59,261	62,239	59,384	52,702	46,072	37,333	33,967	32,472
55	Nevada	7,123	7,850	7,062	6,875	7,285	7,766	7,312	7,762
56	**Pacific**	580,079	652,927	645,179	649,976	683,514	688,733	669,214	686,472
57	Washington	114,854	136,013	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	406,367	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
29,081	28,113	26,676	24,068	20,548	15,846	12,506	7,428	3,735	2,045	244	4
21,794	21,040	20,093	17,626	14,990	11,408	9,318	5,830	2,978	1,629	118	5
206,004	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	58,241	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	780,661	655,197	504,264	406,041	293,447	195,668	105,162	48,984	24,064	10,566	10
201,871	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	106,038	75,079	43,087	20,731	9,956	2,875	17
194,881	168,758	142,987	115,965	97,731	79,947	57,178	32,148	15,058	7,728	1,636	18
867,038	769,649	661,664	543,720	451,101	353,721	257,853	149,457	75,211	38,659	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	126,305	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	41,048	21,064	10,624	2,739	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	6,204	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	690,508	498,869	393,400	278,066	201,837	116,562	57,216	30,258	13,435	27
15,969	14,160	13,001	10,024	8,578	6,844	4,887	2,893	1,338	716	158	28
107,367	94,879	82,466	64,676	52,901	39,202	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	82,933	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	34,383	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	67,502	45,142	33,738	19,505	9,504	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	126,018	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	124,300	89,615	68,211	48,478	34,889	20,416	10,160	5,102	3,625	39
130,871	138,403	106,459	73,716	55,948	39,246	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	372,852	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	29,086	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	7,083	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	210,896	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	19,705	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	24,603	20,262	15,230	12,371	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	3.0	2.5	1.7	1.6
Middle Atlantic	8.4	9.4	9.3	9.0	8.3	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	9.7	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	5.7	4.1	3.4	2.6	1.9	1.8
Indiana	8.8	9.7	9.2	8.8	8.2	7.6	7.2	7.3	6.6	6.0	5.3	4.4	3.7	2.9	2.1	2.1
Illinois	8.1	8.9	9.0	8.9	8.8	8.6	8.1	8.4	7.3	6.2	5.0	3.9	3.2	2.4	1.6	1.5
Michigan	9.6	10.1	9.4	8.6	8.6	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	7.6	7.2	7.3	6.5	5.8	5.0	4.1	3.4	2.7	1.9	2.0
Minnesota	9.0	10.0	9.9	9.4	8.4	7.5	7.4	7.5	6.7	5.7	4.8	3.9	3.3	2.7	1.9	1.8
Iowa	8.9	9.8	9.5	9.0	8.1	7.3	7.1	7.2	6.4	5.9	5.1	4.4	3.7	3.0	2.2	2.3
Missouri	8.4	9.3	9.0	9.0	8.6	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	5.6	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	7.0	7.6	6.6	5.8	5.1	4.0	3.2	2.4	1.7	1.6
Dist. of Col	6.6	7.3	6.7	7.4	9.9	9.9	9.3	8.1	7.5	6.7	5.9	4.4	3.5	2.4	1.6	1.6
Virginia	10.6	12.1	11.1	10.6	9.0	7.3	6.5	6.5	5.6	5.2	4.6	3.4	2.7	1.9	1.4	1.5
West Virginia	12.0	12.7	11.2	10.2	8.9	7.6	6.8	6.5	5.5	4.9	4.1	3.1	2.4	1.7	1.2	1.3
North Carolina	12.3	13.5	12.1	11.4	9.6	7.6	6.2	5.9	4.8	4.4	3.8	2.7	2.0	1.5	1.1	1.1
South Carolina	11.8	13.8	12.8	12.2	9.6	6.9	5.7	6.0	5.0	4.5	3.8	2.5	2.1	1.4	1.0	1.0
Georgia	10.9	12.2	11.7	11.5	9.9	7.7	6.3	6.4	5.2	4.6	4.5	2.9	2.3	1.6	1.2	1.2
Florida	9.7	10.4	9.7	9.4	9.4	8.7	7.5	7.5	6.3	5.6	4.6	3.5	2.8	2.0	1.4	1.4
E. South Central	11.4	12.2	11.0	10.6	9.4	7.7	6.4	6.4	5.3	5.0	4.4	3.2	2.5	1.8	1.3	1.4
Kentucky	11.2	12.1	10.7	9.9	8.5	7.2	6.5	6.5	5.6	5.1	4.6	3.6	2.9	2.2	1.6	1.6
Tennessee	10.8	11.7	10.7	10.6	9.5	7.8	6.6	6.6	5.4	4.9	4.8	3.4	2.6	1.9	1.3	1.4
Alabama	11.9	12.5	11.5	11.1	9.8	7.9	6.2	6.2	4.9	5.2	4.0	2.8	2.1	1.5	1.1	1.2
Mississippi	11.7	12.4	11.4	11.1	9.9	7.9	6.3	6.3	5.1	4.6	4.2	2.9	2.3	1.5	1.1	1.2
W. South Central	10.8	11.7	10.6	10.5	9.8	8.4	7.1	6.9	5.6	5.0	4.1	3.1	2.3	1.6	1.2	1.2
Arkansas	11.3	12.2	11.4	10.9	9.5	7.6	6.3	6.4	5.3	5.2	4.3	3.2	2.4	1.6	1.2	1.3
Louisiana	11.0	11.8	10.8	10.4	9.3	8.5	7.1	7.0	5.6	5.1	4.1	3.0	2.2	1.5	1.0	1.1
Oklahoma	11.0	11.9	10.8	10.5	9.6	8.2	7.0	6.7	5.6	4.8	4.1	3.2	2.4	1.6	1.2	1.2
Texas	10.5	11.4	10.3	10.4	10.0	8.7	7.4	7.1	5.8	5.1	4.0	3.0	2.3	1.6	1.2	1.2
Mountain	10.4	11.0	10.3	9.5	8.6	7.6	7.0	7.3	6.5	5.7	4.7	3.6	2.9	2.1	1.4	1.3
Montana	9.2	10.0	10.5	9.3	8.1	7.1	6.6	7.5	7.8	6.6	5.2	3.8	3.1	2.3	1.6	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	9.4	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	8.2	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		Foreign-born white	Negro
	1900	1910	1920	1930	Native parentage	Foreign or mixed parentage		
NUMBER								
All ages	75,994,575	91,972,266	105,710,620	122,775,046	70,136,614	25,361,186	13,366,407	11,891,143
Under 5 years	9,170,628	10,631,364	11,573,230	11,444,390	7,939,165	1,960,443	27,788	1,230,206
Under 1 year	*1,916,822*	*2,217,343*	*2,257,255*	*2,190,791*	*1,549,340*	*345,902*	*1,428*	*232,378*
5 to 9 years	8,874,123	9,760,632	11,398,075	12,007,609	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	5,556,039	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	9,208,045	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	1,094,176	687,423
45 to 49 years	3,454,612	4,469,197	5,763,620	7,042,279	3,454,299	1,303,476	1,565,214	630,065
50 to 54 years	2,942,829	3,900,791	4,734,873	5,975,804	2,941,026	1,150,660	1,317,370	504,590
55 to 59 years	2,211,172	2,786,951	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	2,982,548	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	1,105,390	612,330	157,752	269,780	58,711
80 to 84 years	251,512	321,754	402,779	534,676	303,217	52,604	140,892	33,377
85 to 89 years	88,600	122,818	156,530	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	3,501	3,555	4,267	3,964	659	71	459	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	[3]	.1	.1

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

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

Source: Bureau of the Census, Department of Commerce.

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

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

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

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

	1910	1920	1930
ALASKA			
Total	64,356	55,036	59,278
Male	45,857	34,539	35,764
Female	18,499	20,497	23,514
White	36,400	27,883	28,640
Indian	25,331	26,568	29,983
Chinese	1,209	56	26
Japanese	913	312	278
Negro	209	128	136
All other	294	99	215
Native	43,921	42,766	48,709
Foreign born	20,435	12,270	10,569
Native white	18,426	16,286	18,460
Native parentage	10,993	9,538	10,990
Foreign parentage	4,760	4,174	4,324
Mixed parentage	2,673	2,574	3,146
Foreign-born white	17,974	11,597	10,180
Under 5 years	5,363	5,669	6,356
Under 1 year	1,108	1,152	1,339
5 to 9 years	4,026	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	771,751
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	690,609	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	226,468
Under 1 year	39,860	43,184	44,033
5 to 9 years	151,223	195,131	224,022
10 to 14 years	143,751	168,054	199,337
15 to 19 years	113,789	126,248	186,150
20 to 44 years	389,775	441,128	508,729
45 years and over	134,231	168,696	198,985
Age unknown	54	297	222

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

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

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

Division, sex, and age	All classes [1]		Native white, native parentage		Native white, foreign or mixed parentage		Foreign-born white		Negro	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
United States, 1920 [2]	4,931,905	6.0	1,109,875	2.5	132,697	0.8	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	.8	1,304,084	9.9	1,513,892	16.3
Males	2,198,203	4.4	577,312	2.1	62,736	.6	573,977	8.1	801,949	17.0
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	1,800,604	3.2	183,227	.6	60,369	.4	1,058,845	10.0	395,849	9.2
10 to 20 years	65,803	.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	36,693	.5	686,479	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	2.0	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	38,454	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	41,005	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	172,288	2.7	10,181	2.0	15,958	9.4	302,230	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	120,886	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 other nonwhite not shown separately.

[2] Figures for native white of foreign or mixed parentage and for foreign-born white in 1920 include persons of the Mexican race who were given a separate classification in 1930.

Source: Bureau of the Census, Department of Commerce

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

Division and State	Number of illiterate persons 10 years of age and over						Illiterate persons of voting age	
	All classes [1]			Native white	Foreign-born white	Negro	Male	Female
	Total	Male	Female					
Continental United States	4,283,753	2,198,293	2,085,460	1,103,134	1,304,084	1,513,892	1,942,729	1,920,486
New England	245,270	110,237	135,033	30,129	210,046	4,187	107,189	132,621
Maine	17,172	10,294	6,878	8,617	8,393	43	9,580	6,512
New Hampshire	10,231	5,341	4,890	2,366	7,820	27	5,156	4,772
Vermont	6,209	3,805	2,404	3,261	3,005	22	3,635	2,378
Massachusetts	124,158	52,936	71,222	9,652	111,568	2,303	51,766	70,159
Rhode Island	27,536	12,027	15,509	2,732	24,124	635	11,742	15,247
Connecticut	59,874	25,834	34,040	3,501	55,136	1,157	25,310	33,553
Middle Atlantic	757,228	337,079	420,149	82,743	636,479	32,223	327,351	410,315
New York	388,883	165,262	223,621	34,654	341,345	8,604	160,435	218,745
New Jersey	128,022	57,651	70,371	11,572	107,192	8,711	56,065	68,867
Pennsylvania	240,323	114,166	126,157	36,517	187,942	14,908	110,851	123,203
East North Central	442,064	223,326	218,738	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	23,005	18,442
Illinois	153,507	73,953	79,554	28,284	108,084	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	68,838	51,282	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	2,962	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
Delaware	7,805	4,160	3,645	1,896	2,302	3,496	3,984	3,536
Maryland	49,910	26,987	22,923	13,202	11,530	25,073	25,105	21,807
Dist. of Columbia	6,611	2,827	3,784	533	1,411	4,591	2,741	3,715
Virginia	162,588	93,666	68,922	65,482	1,738	95,148	78,805	61,645
West Virginia	62,492	36,791	25,701	42,476	9,788	10,173	33,224	23,629
North Carolina	236,261	130,482	105,779	93,372	450	139,105	107,944	94,279
South Carolina	192,878	99,523	93,355	36,246	297	156,065	74,332	77,980
Georgia	210,736	115,860	94,807	46,898	554	163,237	91,613	83,459
Florida	83,242	45,151	38,091	14,478	3,159	65,167	37,998	33,545
East South Central	727,861	405,309	322,552	270,130	4,238	452,082	342,070	288,831
Kentucky	131,545	77,834	53,711	101,695	1,267	28,553	66,858	48,047
Tennessee	145,460	84,489	60,971	87,406	754	57,251	71,930	54,985
Alabama	251,095	133,645	117,450	60,959	1,335	188,673	110,565	103,359
Mississippi	199,761	109,341	90,420	20,070	882	177,605	92,708	80,430
West South Central	675,791	350,340	325,451	182,467	15,958	302,280	293,650	280,982
Arkansas	96,818	53,668	43,152	35,890	666	60,102	45,541	38,656
Louisiana	219,750	109,745	110,005	71,903	6,677	130,393	93,524	97,725
Oklahoma	51,102	30,114	20,988	27,790	1,479	12,560	26,141	18,946
Texas	308,121	156,815	151,306	46,878	7,136	99,225	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	11,046
New Mexico	41,845	18,329	23,516	18,733	530	140	15,739	20,567
Arizona	33,966	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	67,358
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	11.9	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	20.2	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	2.6
Washington	1.7	1.0	1.0	1.0	.3	.3	4.7	2.9	4.0	2.9	1.2	1.3
Oregon	1.5	1.0	1.0	.9	.4	.3	5.1	3.6	4.7	2.5	1.3	1.1
California	3.3	2.6	2.6	2.6	.4	.3	10.5	5.7	4.7	3.1	3.0	3.2

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

Source: Bureau of the Census, Department of Commerce.

No. 36.—MARITAL CONDITION OF PERSONS 15 YEARS

Division and State	Males 15 years of age and over								
	Number						Per cent of total		
	Total	Single	Married	Widowed	Divorced	Unknown	Single	Married	Widowed
Continental United States	43,881,021	14,953,712	26,327,100	2,025,036	489,478	85,686	34.1	60.0	4.6
New England	2,901,430	1,024,340	1,701,884	146,012	24,588	4,606	35.3	58.7	5.0
Maine	285,114	90,569	172,525	17,444	4,102	474	31.8	60.5	6.1
New Hampshire	168,465	54,469	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	545,506	870,510	72,410	10,610	2,808	36.3	58.0	4.8
Rhode Island	238,674	84,434	140,310	11,568	2,070	292	35.4	58.8	4.8
Connecticut	575,789	204,999	340,877	25,678	3,482	753	35.6	59.2	4.5
Middle Atlantic	9,580,982	3,413,672	5,673,131	421,004	50,541	22,634	35.6	59.2	4.4
New York	4,714,608	1,718,371	2,761,908	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	3,100,337	5,701,796	435,523	126,309	13,608	33.1	60.8	4.6
Ohio	2,436,085	709,282	1,514,131	117,191	33,696	2,385	31.6	62.1	4.8
Indiana	1,185,534	351,910	760,884	62,775	18,076	1,889	29.7	63.3	5.3
Illinois	2,809,347	935,343	1,715,640	127,762	35,562	5,040	34.3	59.8	4.5
Michigan	1,806,530	601,745	1,095,563	78,849	28,161	2,212	33.3	60.6	4.4
Wisconsin	1,079,077	392,557	625,578	48,946	10,814	2,082	36.3	57.9	4.5
West North Central	4,644,547	1,673,552	2,676,764	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	1,757,614	3,139,659	233,004	36,338	10,798	34.0	60.6	4.5
Delaware	88,886	30,568	52,604	4,712	661	251	34.4	59.3	5.3
Maryland	588,895	205,202	348,063	28,854	4,869	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	156,157	31,127	5,701	31.3	62.7	4.9
Kentucky	870,198	270,389	546,342	43,573	9,005	939	31.1	62.8	5.0
Tennessee	864,634	270,671	541,796	41,673	8,269	2,225	31.3	62.7	4.8
Alabama	835,246	266,977	521,268	38,946	7,307	748	32.0	62.4	4.7
Mississippi	644,677	197,383	406,994	31,965	6,546	1,789	30.6	63.1	5.0
West South Central	4,144,135	1,325,261	2,505,026	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	692,160	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	1,364,047	489,101	775,861	62,515	24,269	2,301	36.1	57.3	4.6
Montana	211,910	86,283	111,496	9,397	4,338	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	126,015	227,494	18,895	6,938	823	33.0	60.0	5.0
New Mexico	141,079	47,817	83,537	7,938	1,678	109	33.9	59.2	5.6
Arizona	158,621	57,232	90,370	7,785	2,957	277	36.1	57.0	4.9
Utah	168,237	59,334	100,785	5,842	2,153	123	35.3	59.9	3.5
Nevada	41,915	18,305	20,053	1,953	1,574	30	43.7	47.8	4.7
Pacific	3,295,609	1,103,965	1,886,568	147,295	84,588	13,203	35.3	57.2	4.5
Washington	628,346	224,798	357,702	28,951	14,876	2,019	35.8	56.9	4.6
Oregon	381,529	130,768	221,806	18,332	10,126	497	34.3	58.1	4.8
California	2,285,734	808,399	1,307,060	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	573,143	52,385	26.4	61.1	11.1	U. S.
3,044,692	972,313	1,697,891	340,998	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	1,038,836	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.
8,901,167	2,246,305	5,640,326	934,140	132,226	8,170	25.1	62.9	10.4	E. N. C.
2,384,808	594,443	1,496,574	255,108	37,165	1,518	24.9	62.8	10.7	Ohio
1,155,964	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
1,328,769	323,109	825,087	158,222	21,162	1,179	24.3	62.1	11.9	Mo.
205,764	65,124	124,632	14,292	1,474	242	31.6	60.6	6.9	N. Dak.
218,763	61,087	138,030	17,303	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.
582,733	158,968	340,675	69,352	5,853	1,885	27.3	59.5	11.9	Md.
204,556	61,769	109,427	29,766	2,992	662	30.2	53.5	14.6	D. C.
800,689	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.
553,365	160,775	318,837	70,694	2,667	392	29.1	57.6	12.8	S. C.
972,461	250,859	573,377	135,213	12,271	741	25.8	59.0	13.9	Ga.
513,588	107,925	326,812	69,095	8,878	878	21.0	63.6	13.5	Fla.
3,253,427	787,562	2,020,880	393,040	48,053	3,892	24.2	62.1	12.1	E. S. C.
865,056	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.
801,967	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	2,556,815	445,917	71,142	3,294	22.9	64.0	11.2	W. S. C.
595,127	126,357	388,783	70,231	9,421	335	21.2	65.3	11.8	Ark.
703,077	178,203	424,774	89,141	10,142	817	25.3	60.4	12.7	La.
764,560	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	19,968	1,013	23.4	64.9	9.9	Mt.
166,045	40,253	108,514	14,503	2,659	116	24.2	65.4	8.7	Mont.
136,154	31,359	91,745	10,927	1,995	128	23.0	67.4	8.0	Idaho
67,257	14,139	46,831	5,155	1,057	75	21.0	69.6	7.7	Wyo.
357,236	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	382,611	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	1,280,461	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	12,967,505	14,958,712	35.1	34.1	9,616,902	11,306,653	27.3	26.4
Married	21,849,266	26,327,109	59.2	60.0	21,318,933	26,170,756	60.6	61.1
Widowed	1,758,308	2,025,036	4.8	4.6	3,917,625	4,734,207	11.1	11.1
Divorced	235,284	489,478	.6	1.1	273,304	573,148	.8	1.3
Unknown	110,240	85,686	.3	.2	50,751	52,385	.1	.1
White	33,335,586	39,214,158	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	26,083,047	32,210,106	100.0	100.0	25,740,856	32,155,087	100.0	100.0
Single	9,927,618	11,858,592	38.1	36.8	7,936,933	9,459,175	30.8	29.4
Married	14,795,171	18,642,713	56.7	57.9	15,086,736	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	14,143,068	60.4	61.6
Widowed	874,821	976,083	4.6	4.2	1,885,030	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	306,286	3.4	3.5	595,407	802,612	8.3	8.7
Divorced	40,924	85,520	.6	1.0	48,166	100,914	.7	1.1
Unknown	11,740	15,391	.2	.2	8,222	11,367	.1	.1
Foreign-born white	7,252,539	7,004,050	100.0	100.0	5,913,985	6,065,142	100.0	100.0
Single	1,855,047	1,505,917	25.6	21.5	835,799	770,131	14.1	12.7
Married	4,902,942	4,930,599	67.6	70.3	4,123,503	4,243,337	69.7	70.0
Widowed	438,049	462,872	6.0	6.6	919,255	992,900	15.5	16.4
Divorced	31,950	62,830	.4	.9	27,656	51,942	.5	.9
Unknown	24,551	11,832	.3	.2	7,772	6,832	.1	.1
Negro	3,393,211	3,941,462	100.0	100.0	3,423,130	4,099,552	100.0	100.0
Single	1,104,877	1,270,950	32.6	32.2	825,258	953,806	24.1	23.3
Married	2,050,407	2,357,821	60.4	59.8	2,039,181	2,398,144	59.6	58.5
Widowed	200,734	247,595	5.9	6.3	507,961	652,503	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	10,902	58,172	10.0	11.2
Divorced	932	5,492	.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	25,201,087	8,501,813	15,242,615	1,086,856	316,383	33.7	60.5	4.3	1.3
White	23,012,886	7,769,480	13,957,981	955,319	282,736	33.8	60.7	4.2	1.2
Negro	1,842,029	576,114	1,112,731	118,454	30,809	31.3	60.4	6.4	1.7
All other	346,122	156,219	171,903	13,083	2,838	45.1	49.7	3.8	.8
Native white—									
Native parentage	11,322,687	3,843,634	6,850,950	420,680	172,211	33.9	60.5	3.8	1.5
Foreign or mixed parentage	6,173,365	2,748,154	3,154,845	195,869	62,597	44.5	51.1	3.2	1.0
Foreign-born white	5,516,834	1,177,692	3,952,186	329,770	47,928	21.3	71.6	6.0	.9
Females, total	25,986,592	7,228,694	15,199,397	3,076,806	428,658	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	454,636	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
Foreign or mixed parentage	6,824,165	2,560,477	3,555,597	613,842	84,950	37.5	52.1	9.0	1.2
Foreign-born white	4,960,475	680,083	3,427,363	802,028	45,273	13.7	69.1	16.2	.9
RURAL POPULATION									
Males, total	18,679,984	6,451,899	11,084,494	988,180	173,095	34.5	59.3	5.0	.9
White	16,201,270	5,695,029	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	18,370,557	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	9,562,419	1,365,100	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
Foreign or mixed parentage	2,352,323	643,880	1,501,641	188,770	15,964	27.4	63.8	8.0	.7
Foreign-born white	1,104,667	90,048	815,974	190,872	6,669	8.2	73.9	17.3	.6

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

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

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

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

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

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

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

Division and State	All families		Owner families, 1930	Tenant families, 1930	Per cent of total				Average population per family [2]		
					Owners		Tenants				
	1920	1930 [1]			1920	1930	1920	1930	1920	1930, incl. inst.	1930, priv. only
Continental U. S.	24,351,678	29,904,683	14,002,074	15,319,617	44.6	46.8	53.2	51.2	4.34	4.10	4.01
New England	1,703,812	1,961,499	915,441	1,042,521	39.2	46.2	59.3	52.6	4.34	4.11	4.00
Maine	186,106	197,826	119,808	74,358	58.5	60.6	39.7	37.6	4.13	4.02	3.93
New Hampshire	108,334	119,237	64,823	53,078	43.7	54.3	49.1	44.5	4.09	3.89	3.70
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	569,045	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	5,086,080	6,374,360	2,823,985	3,463,389	36.7	44.3	61.8	54.3	4.38	4.11	4.01
New York	2,441,125	3,153,124	1,155,036	1,957,733	30.3	36.6	68.4	62.1	4.25	3.98	3.86
New Jersey	721,841	985,636	476,509	502,497	37.7	47.7	60.8	51.0	4.37	4.09	4.02
Pennsylvania	1,922,114	2,235,620	1,192,420	1,003,159	44.4	53.6	53.9	44.9	4.54	4.30	4.23
E. North Central	5,143,813	6,382,823	3,395,203	2,868,065	51.4	53.4	46.8	45.1	4.17	3.97	3.88
Ohio	1,414,068	1,697,918	912,295	763,650	50.9	53.7	47.7	45.0	4.07	3.91	3.83
Indiana	737,707	843,066	474,196	353,807	53.6	56.2	44.2	42.0	3.97	3.84	3.77
Illinois	1,534,077	1,929,396	882,999	1,017,115	42.9	45.8	55.2	52.7	4.23	3.94	3.84
Michigan	862,745	1,180,554	685,516	476,682	57.9	58.1	40.5	40.4	4.25	4.09	4.01
Wisconsin	595,316	711,889	440,197	256,811	62.5	61.8	35.7	36.1	4.42	4.12	4.04
W. North Central	2,957,849	3,317,881	1,762,814	1,480,748	55.0	53.1	42.5	44.6	4.24	4.00	3.92
Minnesota	526,026	606,496	340,908	243,696	59.4	57.7	38.4	40.2	4.54	4.21	4.11
Iowa	586,070	635,704	340,778	282,697	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	57,399	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	4.20	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	2,991,828	3,511,860	1,486,339	1,969,291	40.8	41.8	56.3	56.1	4.68	4.49	4.41
Delaware	52,070	59,002	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	90,194	125,554	47,220	75,254	29.6	37.6	68.3	59.9	4.55	3.86	3.70
Virginia	483,363	529,089	272,208	247,497	50.1	51.4	47.9	46.8	4.78	4.57	4.48
West Virginia	310,098	373,941	168,543	198,736	45.6	45.1	51.8	53.1	4.72	4.62	4.55
North Carolina	513,377	644,033	279,946	349,555	45.9	43.5	50.9	54.3	4.98	4.91	4.85
South Carolina	349,126	365,680	111,257	248,335	31.0	30.4	65.2	67.9	4.82	4.75	4.70
Georgia	528,525	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	546,300	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	4.18
Arkansas	390,960	438,639	168,767	251,897	43.8	38.5	53.3	57.4	4.48	4.22	4.19
Louisiana	389,913	485,363	166,731	307,273	32.4	34.1	63.8	63.3	4.01	4.32	4.29
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	803,853	914,408	470,380	415,828	58.6	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	100,600	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	85,706	98,546	54,439	40,428	57.5	55.2	39.3	41.0	4.30	4.28	4.22
Arizona	80,208	105,992	45,808	56,380	41.2	43.2	55.1	53.2	4.17	4.09	3.96
Utah	98,346	115,936	60,583	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	423,333	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	20,963,803	5,736,491	2,803,756	25,204,976	22,333,110	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	158,687	38,633	259	172,988	155,406	13,929	3,653	551
New Hampshire	119,337	85,503	33,672	117	101,712	89,813	8,907	2,992	322
Vermont	89,188	72,922	16,117	135	79,455	72,366	5,778	1,321	244
Massachusetts	1,021,160	579,751	427,385	12,037	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	1,390,490	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	1,405,127	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	2,097,414	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	503,600	31,007	7,444	1,853
Iowa	635,704	517,268	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	7,202	2,268	777
Kansas	487,188	429,490	35,875	17,688	463,744	447,213	13,260	3,271	874
South Atlantic	3,511,860	2,401,398	131,160	974,592	3,243,552	3,064,048	148,808	30,696	7,631
Delaware	59,092	44,331	7,056	7,682	54,940	52,234	2,016	690	201
Maryland	385,179	282,287	41,442	61,160	346,117	318,246	22,890	4,981	903
Dist. of Columbia	125,554	83,700	11,586	29,995	84,903	74,649	6,805	3,449	465
Virginia	529,089	377,676	10,373	140,726	492,575	466,083	22,550	3,942	984
West Virginia	373,941	325,305	22,258	26,274	352,749	336,834	13,301	2,614	723
North Carolina	644,033	457,087	3,762	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
Alabama	591,625	361,656	7,326	222,533	554,565	523,935	27,270	3,360	844
Mississippi	471,704	217,143	3,479	250,240	448,490	428,086	18,422	1,982	652
West South Central	2,868,262	2,066,970	81,776	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	1,211,505	56,996	13,375	3,193
Mountain	914,408	694,118	136,437	8,743	846,808	809,645	27,600	9,563	4,148
Montana	136,210	97,796	34,135	458	126,854	122,144	3,357	1,353	809
Idaho	108,044	91,910	14,381	229	102,992	99,803	2,510	679	472
Wyoming	56,887	45,001	9,221	418	53,569	51,509	1,605	455	285
Colorado	267,324	210,335	41,476	3,538	242,548	230,607	8,304	3,637	1,099
New Mexico	98,516	75,405	3,707	799	92,530	87,921	3,824	785	279
Arizona	105,992	63,629	7,001	2,776	98,633	93,854	3,644	1,135	628
Utah	115,936	92,285	21,143	331	105,788	100,743	3,787	1,258	316
Nevada	25,469	17,757	5,373	194	23,894	23,064	569	261	260
Pacific	2,300,191	1,659,929	500,392	25,328	2,032,278	1,941,320	57,276	33,682	12,049
Washington	423,833	309,320	105,869	2,059	382,539	368,917	8,843	4,779	2,212
Oregon	266,328	216,260	46,669	674	246,558	239,059	4,941	2,548	1,366
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	10,503,933	7,382,357	2,504,634	430,324	76,071	100.0	100.0	100.0	100.0	100.0
Value under $1,000	794,724	484,442	80,356	188,795	41,131	7.6	6.6	3.1	39.3	54.1
$1,000 to $1,499	576,047	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	2,297,029	1,608,879	653,630	31,839	2,681	21.9	21.8	25.5	6.6	3.5
$7,500 to $9,999	989,468	687,099	291,545	10,108	716	9.4	9.3	11.4	2.1	.9
$10,000 to $14,999	906,557	620,066	279,222	6,676	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	84,525	1,280	296	3.4	3.6	3.3	.3	.4
Not reported	209,318	151,101	43,024	12,086	3,107	2.0	2.0	1.7	2.5	4.1
Rented nonfarm homes	12,351,549	8,282,135	2,583,875	1,290,697	194,842	100.0	100.0	100.0	100.0	100.0
Rental under $10	1,563,952	809,403	108,873	479,539	76,137	12.7	10.9	4.2	37.2	39.1
$10 to $14	1,330,927	869,816	183,911	241,898	35,302	10.8	10.5	7.1	18.7	18.1
$15 to $19	1,302,357	886,754	259,042	133,354	21,837	10.5	10.7	10.1	10.4	11.2
$20 to $29	2,545,208	1,739,044	501,796	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	8,838	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	316,829	214,725	53,231	37,492	10,380	2.6	2.6	2.1	2.9	5.3
	Median value of owned nonfarm homes					Median rental of rented nonfarm homes				
Total	$4,778	$4,766	$5,576	$1,341	(2)	$27.15	$27.92	$33.00	$13.04	$12.38
Urban	5,743	5,849	6,076	1,945	$1,291	32.06	34.11	35.13	16.48	15.15
Rural-nonfarm	2,661	2,772	3,168	(2)	(2)	12.01	13.14	14.37	(3)	(3)

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

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	5,056,807	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	523,838	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	842,660	518,376	202,093	99,800	22,400	2.8	2.5	3.5	3.6	5.7
9 persons	493,174	291,999	118,372	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—										
No children under 10	17,587,354	12,216,802	3,544,030	1,655,217	171,305	58.8	58.3	61.8	59.0	43.3
1 child under 10	5,745,158	4,164,091	1,045,547	467,575	67,945	19.2	19.9	18.2	16.7	17.2
2 children under 10	3,525,307	2,542,041	636,073	285,572	58,621	11.8	12.1	11.1	10.3	14.8
3 children under 10	1,787,690	1,243,769	305,503	100,380	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—										
No gainful workers	1,803,871	1,327,676	371,311	80,227	18,657	6.0	6.3	6.5	3.1	4.7
1 gainful worker	18,569,705	13,659,468	3,116,525	1,532,551	280,161	62.1	65.1	54.3	54.7	65.8
2 gainful workers	6,321,816	4,201,458	1,288,825	758,898	72,635	21.1	20.0	22.5	27.1	18.4
3 gainful workers	2,140,380	1,263,185	599,778	250,634	26,789	7.2	6.0	10.5	8.9	6.8
4 or more	1,069,885	517,016	360,052	175,446	17,371	3.6	2.5	6.3	6.3	4.4

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	64,430	503	1,130	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	133,430	290,854	614,716	640,459	295,894	399,065	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	11,423	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	111,968	3 749
Delaware	24,063	1,180	1,149	1,224	2,779	5,822	6,245	2,411	2,785	4,879
Maryland	176,702	9,290	6,788	7,521	21,051	54,793	42,201	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	23,533	13,924	10,071	19,222	28,767	22,969	9,905	16,425	3,392
West Virginia	103,802	11,108	8,988	7,668	15,292	23,368	17,775	5,915	10,490	3,629
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	68,474	23,436	34,596	2,844
Kentucky	154,085	27,568	13,582	10,456	18,864	31,356	25,877	9,294	12,355	3,268
Tennessee	138,660	23,502	14,119	11,907	19,695	28,377	19,146	7,333	10,565	2,903
Alabama	105,494	20,057	11,732	8,839	15,136	19,817	14,323	4,694	8,151	2,710
Mississippi	65,032	18,648	7,124	4,984	8,192	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	149,433	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	9,185	8,217	8,442	19,160	35,017	19,779	4,415	5,907	3,574
California	632,202	19,960	18,864	20,290	58,191	159,294	176,701	60,464	108,888	5,491

[1] Less than $1,000.

Source: Bureau of the Census, Department of Commerce.

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

Note.—Totals include homes with monthly rental unknown

Division and State	All rented nonfarm homes	Number of homes with monthly rental—								Median rental
		Under $10	$10 to $14	$15 to $19	$20 to $29	$30 to $49	$50 to $74	$75 to $99	$100 and over	
United States	12,351,549	1,563,952	1,330,927	1,302,387	2,545,208	3,191,435	1,503,401	343,071	255,339	$27.15
New England	1,025,519	46,608	102,656	139,308	299,291	309,949	87,816	16,396	11,349	27.29
Maine	70,427	10,053	12,870	13,093	18,943	11,093	2,095	288	168	19.35
N. Hampshire	51,400	5,945	10,445	11,194	14,095	7,081	987	114	64	18.83
Vermont	31,573	4,889	6,542	6,037	8,394	4,487	739	82	38	18.46
Massachusetts	565,870	13,803	45,209	65,684	160,224	196,250	59,508	11,683	7,748	29.70
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	3,382,319	128,125	194,826	274,996	677,338	1,103,907	634,017	150,537	141,641	36.84
New York	1,923,410	30,346	70,885	121,993	331,529	636,369	455,802	109,746	112,880	41.94
New Jersey	495,802	7,582	19,523	35,407	110,029	187,412	93,740	19,485	12,825	37.49
Pennsylvania	963,607	90,197	104,417	117,596	235,780	280,126	84,475	21,306	15,936	26.91
E.N.Central	2,542,573	157,675	219,987	257,832	520,036	729,137	443,743	109,467	57,298	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	109,182	150,613	150,178	229,513	239,363	75,967	14,366	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	8,649	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	5,603	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	2,966	2,587	2,742	5,691	6,204	2,013	398	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	8,701	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	1,600	1,589	14.56
E.S.Central	893,279	275,878	134,537	73,443	90,025	65,742	23,239	5,034	2,563	12.21
Kentucky	196,527	62,759	36,933	23,506	32,409	23,816	7,537	1,723	1,056	14.35
Tennessee	194,015	64,417	40,588	24,372	27,675	19,744	8,635	1,949	801	13.66
Alabama	205,076	100,576	38,917	17,780	19,993	14,374	5,125	960	523	(1)
Mississippi	97,661	47,926	18,099	7,785	9,948	7,808	1,942	402	183	(1)
W.S.Central	954,377	348,529	164,039	118,183	135,044	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	1,882	19.98
Montana	45,186	6,000	7,441	6,747	10,634	9,328	2,604	323	179	21.31
Idaho	31,991	5,666	6,657	5,243	7,457	4,823	897	89	80	17.99
Wyoming	23,203	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	5,116	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	19,312,051	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	2,216,203	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	18,966,959	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	4,033,215	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	1,206,480	110,539	9.2	1,175,899	46,821	4.0
15 years	2,205,699	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	2,640,004	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	3,550	41.6
Unknown	19,353	53.0	4,990	82.9	4,950	70.2	1,727	77.0

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

Sex and age	Native white		Foreign-born white		Negro		Other races	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Female	7,661,508	20.5	1,156,056	18.8	1,840,642	38.9	93,910	15.2
10 to 13 years	29,057	.7	105	.2	41,878	8.4	2,028	2.4
14 and 15 years	80,863	4.1	1,516	4.4	48,129	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	130,152	18.4	219,586	47.7	9,002	17.2
40 to 44 years	546,929	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	10.0
70 to 74 years	48,758	7.1	12,152	5.6	11,328	23.5	431	7.9
75 years and over	24,051	3.5	6,669	2.7	8,278	13.2	409	5.4
Unknown	8,725	28.1	1,420	37.3	3,143	47.1	114	15.9

Sex and age	Agriculture	Forestry and fishing	Extraction of minerals	Manufacturing and mechanical industries	Transportation and communication	Trade	Public service (not elsewhere classified)	Professional service	Domestic and personal service	Clerical occupations
Male	9,562,059	250,140	983,564	12,224,345	3,561,943	5,118,787	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	5,799	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	33,870	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	269,527	211,064	332,682
30 to 34 years	825,680	26,900	123,035	1,501,455	500,221	670,867	101,168	233,630	205,957	264,727
35 to 39 years	895,899	28,856	133,188	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	1,410,114	398,055	591,139	84,764	189,698	203,921	162,182
45 to 49 years	844,949	25,738	104,392	1,214,428	329,889	503,299	78,404	162,528	177,055	128,712
50 to 54 years	802,094	21,363	76,508	957,515	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	30,220	490,122	120,549	220,388	55,913	79,425	84,994	53,502
65 to 69 years	385,893	6,413	15,969	291,323	66,262	132,350	39,334	47,373	57,016	30,067
70 to 74 years	241,862	3,181	6,219	134,647	23,735	67,689	20,602	26,687	31,021	14,530
75 years and over	147,369	1,489	2,346	56,980	8,916	31,868	8,824	15,775	15,791	6,258
Unknown	4,645	315	593	11,374	3,514	4,232	684	1,744	2,571	1,357
Female	909,939	329	759	1,886,307	261,204	962,680	17,583	1,526,234	3,180,251	1,966,830
10 to 13 years	65,866	3	2	1,268	77	620	11	126	4,995	100
14 and 15 years	60,531	10	13	31,809	555	4,781	15	672	30,701	4,221
16 and 17 years	72,989	18	76	164,005	17,233	44,480	42	8,458	129,547	77,499
18 and 19 years	67,936	26	95	219,666	41,291	85,063	96	74,077	204,153	249,442
20 to 24 years	112,811	36	147	396,602	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	25	53	113,492	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	10,009	406	14,721	76,010	3,811
70 to 74 years	16,063	4	6	9,435	333	4,062	148	6,007	35,442	1,169
75 years and over	12,440	4	1	4,088	157	1,748	67	2,721	17,709	492
Unknown	438	2	2	1,849	234	1,151	35	2,726	5,076	1,889

Source: Bureau of the Census, Department of Commerce.

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

[Per cent not shown where less than 0.1]

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

Source: Bureau of the Census, Department of Commerce.

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

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
All occupations	41,614,248	33,064,737	8,549,511	48,829,920	38,077,804	10,752,116
Agriculture [1]	10,665,812	9,582,666	1,083,146	10,471,998	9,562,059	909,939
Farmers (owners and tenants)	6,387,360	6,121,783	265,577	6,012,012	5,749,367	262,645
Farm managers and foremen	92,324	77,984	14,340	67,222	66,259	963
Farm laborers	4,186,128	3,382,899	803,229	4,392,764	3,746,433	646,331
Wage workers [2]	2,336,009	2,109,422	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 changes made in 1930 in the classification of agricultural pursuits, it is impossible to group the 1920 occupations exactly according to the 1930 classification. It is believed, however, that the effect of the difference in grouping on the comparability of figures here presented is negligible. Figures have been adjusted to exclude those employed on turpentine farms classified in "Agriculture" in 1920 (see Note 5).

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

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Extraction of minerals	1,090,223	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	16,164	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	13,831,879	10,901,527	1,930,352	14,110,652	12,224,345	1,886,307
Apprentices to building and hand trades	73,953	73,897	56	40,133	40,105	28
Carpenters' apprentices	4,805	4,797	8	4,138	4,133	5
Electricians' apprentices	9,562	9,557	5	4,611	4,604	7
Machinists' apprentices [3]	39,463	39,448	15	13,606	13,600	6
Plumbers' apprentices	7,386	7,386	----	5,937	5,937	----
Apprentices to other building and hand trades	12,737	12,709	28	11,841	11,831	10
Apprentices to dressmakers and milliners	4,326	17	4,309	2,181	20	2,161
Apprentices to printers and bookbinders	11,603	10,366	1,237	10,928	10,575	353
Other apprentices in manufacturing [4]	50,518	46,687	3,831	24,210	22,855	1,355
Bakers	97,940	93,347	4,593	140,800	131,884	8,916
Blacksmiths, forgemen, and hammermen	221,421	221,416	5	147,469	147,460	9
Boilermakers	74,088	74,088	----	49,923	49,923	----
Brick and stone masons and tile layers	131,264	131,257	7	170,903	170,896	7
Builders and building contractors	90,109	90,030	79	167,512	167,310	202
Cabinetmakers	45,511	45,503	8	57,897	57,890	7
Carpenters	887,379	887,208	171	929,426	929,376	50
Compositors, linotypers, and typesetters	140,165	128,859	11,306	183,632	173,363	10,269
Coopers	19,066	19,061	5	11,347	11,347	----
Dressmakers and seamstresses (not in factory)	235,855	336	235,519	158,380	452	157,928
Dyers	15,109	14,978	131	17,719	17,425	294
Electricians	212,964	212,945	19	280,317	280,279	38
Electrotypers, stereotypers, and lithographers	13,716	13,530	186	16,692	16,448	244
Engineers (stationary), cranemen, etc	279,984	279,940	44	316,964	316,942	22
Engineers (stationary)	242,096	242,064	32	256,078	256,060	18
Cranemen, derrickmen, hoistmen, etc	37,888	37,876	12	60,886	60,882	4
Engravers	15,053	14,492	561	19,437	18,747	690
Filers, grinders, buffers, and polishers (metal)	59,785	57,315	2,470	78,660	76,204	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
Manufacturers [6]	183,695	178,750	4,945	207,901	202,190	5,711
Mechanics (n. o. s.) [6]	[6a] 281,741	[6a] 281,690	[6a] 51	638,253	638,190	63
Air transportation	(7)	(7)	(7)	3,406	3,405	1
Automobile factories, garages, 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] Many of the machinists' apprentices probably are machine tenders.

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

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

[6] Not otherwise specified.

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

[7] Comparable figures for 1920 not available.

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Painters, glaziers, varnishers, etc	323,032	319,697	3,335	528,931	524,150	4,781
Enamelers, lacquerers, and japanners	4,137	3,168	969	5,758	4,622	1,136
Painters, glaziers, and varnishers:						
Building	248,497	248,394	103	430,105	429,982	123
Factory	70,398	68,135	2,263	93,068	89,546	3,522
Paper hangers	18,746	18,338	408	28,328	26,872	1,456
Pattern and model makers	27,720	27,663	57	29,750	29,711	39
Piano and organ tuners	7,047	7,007	40	6,823	6,799	24
Plasterers and cement finishers	45,876	45,870	6	85,480	85,477	3
Plumbers and gas and steam fitters	206,718	206,715	3	237,814	237,813	1
Pressmen and plate printers (printing)	18,683	18,683		31,215	31,215	
Rollers and roll hands (metal)	25,061	25,061		30,765	30,765	
Roofers and slaters	11,378	11,378		23,636	23,636	
Sawyers	33,809	33,800	9	36,064	35,984	80
Shoemakers and cobblers (not in factory)	78,859	78,599	260	76,388	76,127	261
Skilled occupations (not elsewhere classified)	12,348	12,319	29	12,258	12,227	31
Stonecutters	22,099	22,096	3	22,888	22,887	1
Structural iron workers (building)	18,836	18,836		28,966	28,966	
Tailors and tailoresses	192,232	160,404	31,828	169,283	147,476	21,807
Tinsmiths and coppersmiths	74,968	74,957	11	83,427	83,421	6
Upholsterers	29,605	27,338	2,267	51,452	49,097	2,355
Operatives (n. o. s.[6]):						
Building industry	7,003	6,983	20	18,442	18,419	23
Chemical and allied industries	[8] 70,416	[8] 51,287	[8] 19,129	117,467	88,604	28,863
Charcoal and coke works	1,722	1,692	30	1,587	1,572	15
Explosives, ammunition, and fireworks factories	7,379	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	689,080	632,161	57,819	651,398	590,636	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.						
Metal industries (except iron and steel)	91, 291	60, 844	30, 447	91, 852	61, 049	30, 803
Brass mills	17, 482	13, 576	3, 906	14, 834	11, 606	3, 228
Clock and watch factories	18, 244	10, 043	8, 201	15, 036	8, 492	6, 544
Copper factories	2, 986	2, 834	152	2, 950	2, 824	126
Gold and silver factories	6, 239	4, 432	1, 807	5, 902	3, 877	2, 025
Jewelry factories	15, 083	8, 946	6, 137	13, 979	7, 766	6, 213
Lead and zinc factories	2, 464	2, 186	278	2, 014	1, 840	174
Tinware, enamelware, etc., factories	19, 356	12 167	7, 189	23, 290	15, 250	8, 040
Other metal factories	9, 437	6, 660	2, 777	13, 847	9, 394	4, 453
Leather industries	279, 231	196, 437	82, 794	267, 518	175, 768	91, 750
Harness and saddle factories	18, 135	17, 573	562	7, 164	6, 890	274
Leather belt, leather goods, etc., factories [12]	17, 189	12, 809	4, 380	16, 533	11, 080	5, 453
Shoe factories	206, 225	132, 813	73, 412	209, 928	128, 377	81, 551
Tanneries	32, 226	28, 998	3, 628	28, 993	25, 395	3, 598
Trunk, suitcase, and bag factories [12]	5, 456	4, 644	812	4, 900	4, 020	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	10, 852	16, 940	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, 830	30, 208	5, 622	35, 059	27, 806	7, 253
Paper, printing, and allied industries	155, 524	87, 679	67, 845	165, 911	102, 421	63, 490
Blank book, envelope, tag, paper bag, etc., factories	18, 694	5, 117	8, 577	17, 127	6, 488	10, 639
Paper and pulp mills	54, 669	41, 321	13, 348	63, 629	49, 709	13, 920
Paper box factories	20, 452	7, 077	13, 375	14, 284	5, 767	8, 517
Printing, publishing, and engraving	66, 709	34, 164	32, 545	70, 871	40, 457	30, 414
Textile industries—						
Cotton mills	302, 454	153, 269	149, 185	302, 501	156, 818	145, 683
Knitting mills	107, 604	26, 922	80, 682	134, 006	44, 203	89, 803
Silk mills	115, 721	42, 953	72, 768	125, 770	52, 080	73, 690
Textile dyeing, finishing, and printing mills	17, 736	12, 154	5, 582	19, 613	13, 947	5, 666
Woolen and worsted mills	126, 418	64, 703	61, 715	101, 821	52, 761	49, 060
Other textile mills	[14] 122, 464	[14] 54, 033	[14] 68, 431	133, 660	65, 312	68, 348
Carpet mills	23, 387	13, 003	10, 384	28, 009	16, 486	12, 123
Hemp, jute, and linen mills	6, 742	2, 811	3, 931	4, 503	2, 074	2, 429
Lace and embroidery mills	19, 083	6, 086	12, 997	11, 417	4, 221	7, 196
Rope and cordage factories	8, 454	4, 714	3, 740	5, 469	3, 067	2, 402
Sail, awning, and tent factories	3, 543	2, 538	1, 005	4, 275	2, 566	1, 709
Other and not specified textile mills	[14] 61, 255	[14] 24, 881	[14] 36, 374	79, 387	36, 898	42, 489
Miscellaneous manufacturing industries	536, 832	344, 568	192, 264	536, 108	353, 744	182, 364
Broom and brush factories	12, 606	10, 219	2, 387	9, 521	7, 622	1, 899
Button factories	12, 977	7, 768	5, 209	7, 565	4, 496	3, 069
Electric light and power plants	15, 949	15, 610	339	49, 269	49, 218	51
Electrical machinery and supply factories	64, 841	37, 452	27, 389	117, 327	72, 012	45, 315
Rubber factories	86, 264	67, 370	18, 894	80, 835	59, 546	21, 289
Straw factories	14, 102	7, 751	6, 351	1, 818	584	1, 234
Turpentine farms and distilleries	1, 138	1, 130	8	1, 368	1, 360	8
Other and not specified manufacturing	[15] 329, 015	[15] 197, 268	[15] 131, 747	268, 405	158, 906	109, 499
Not specified industries and services				153, 152	123, 252	29, 900
Laborers (n. o. s.[6]):						
Building, general, and not specified laborers	686, 722	671, 487	15, 235	1, 115, 667	1, 104, 132	11, 535
Laborers and helpers, building construction	(7)	(7)	(7)	419, 802	419, 675	127
General and not specified laborers	(7)	(7)	(7)	695, 865	684, 457	11, 408
Chemical and allied industries	[16] 134, 313	[16] 130, 699	[16] 3, 614	151, 918	148, 507	3, 411
Charcoal and coke works	9, 384	9, 352	32	4, 783	4, 772	11
Explosives, ammunition, and fireworks factories	8, 467	7, 821	646	5, 047	4, 447	600
Fertilizer factories	12, 943	12, 808	135	18, 243	18, 157	86
Gas works	18, 845	18, 787	58	28, 897	28, 884	13
Paint and varnish factories	4, 841	4, 677	164	6, 171	6, 017	154
Petroleum refineries	31, 795	31, 566	229	40, 816	40, 645	171
Rayon factories	(16)	(16)	(16)	4, 962	4, 451	511
Soap factories	4, 715	4, 346	369	4, 799	4, 566	233
Other chemical factories	43, 323	41, 342	1, 981	38, 200	36, 568	1, 632

[6] Not otherwise specified.

[7] Comparable figures for 1920 not available.

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

[13] Includes box factories (wood).

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

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

[16] See note 8, p. 57.

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Laborers (n. o. s.[6])—Continued.						
Cigar and tobacco factories	35,157	21,295	13,862	20,581	14,094	6,487
Clay, glass, and stone industries	124,544	120,215	4,329	145,665	142,095	3,570
Brick, tile, and terra-cotta factories	48,636	48,099	537	59,543	58,792	751
Glass factories	28,937	26,461	2,476	28,108	26,362	1,746
Lime, cement, and artificial-stone factories	30,051	29,884	167	38,634	38,475	159
Marble and stone yards	5,094	5,061	23	8,102	8,097	5
Potteries	11,836	10,710	1,126	11,278	10,369	909
Clothing industries	12,776	6,414	6,362	15,293	8,558	6,735
Corset factories	771	194	577	350	133	217
Glove factories	1,757	899	858	1,159	550	609
Hat factories (felt)	989	825	164	1,142	966	176
Shirt, collar, and cuff factories	2,708	1,317	1,391	4,136	2,314	1,822
Suit, coat, and overall factories	3,984	2,219	1,765	3,794	2,456	1,338
Other clothing factories	2,567	960	1,607	4,712	2,139	2,573
Food and allied industries	170,065	153,692	16,373	154,886	136,802	18,084
Bakeries	8,315	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
Flour and grain mills	18,121	17,983	138	15,997	15,839	158
Fruit and vegetable canning, etc	13,058	9,743	3,315	19,544	14,987	4,557
Slaughter and packing houses	59,548	55,436	4,112	43,045	39,384	3,661
Sugar factories and refineries	15,733	15,414	319	9,298	9,038	260
Other food factories	16,686	14,119	2,567	16,968	13,281	3,687
Liquor and beverage industries	10,530	10,295	235	8,515	8,293	222
Iron and steel, machinery, and vehicle industries	729,613	717,022	12,591	662,131	652,027	10,104
Agricultural-implement factories	11,409	11,292	117	10,873	10,735	138
Automobile factories	83,341	80,874	2,467	123,717	120,150	3,567
Automobile repair shops	[9]	[9]	[9]	12,653	12,617	36
Blast furnaces and steel rolling mills [10]	258,330	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	20,181	18,313	1,868
Other metal factories	5,106	4,709	397	8,137	7,702	435
Leather industries	54,639	48,167	6,472	38,601	33,003	5,598
Harness and saddle factories	1,885	1,727	158	501	469	32
Leather-belt, leather-goods, etc., factories [12]	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 [12]	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.
[12] Includes box factories (wood).
[13] 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.[5])—Continued.						
Textile industries—Continued.						
Other textile mills	[14] 22, 140	[14] 18, 619	[14] 3, 521	23, 199	20, 320	2, 879
Carpet mills	3, 953	3, 378	575	4, 828	4, 236	592
Hemp, jute, and linen mills	1, 712	1, 474	238	961	863	98
Lace and embroidery mills	944	677	267	569	444	125
Rope and cordage factories	4, 268	3, 805	463	2, 921	2, 632	289
Sail, awning, and tent factories	283	237	46	721	661	60
Other and not specified textile mills	[14] 10, 980	[14] 9, 048	[14] 1, 932	13, 199	11, 484	1, 715
Miscellaneous mfg. industries [16]	[19] 399, 988	[19] 364, 244	[19] 35, 744	322, 696	298, 609	24, 087
Broom and brush factories	2, 800	2, 407	393	2, 587	2, 370	217
Button factories	1, 407	1, 093	314	1, 129	940	189
Electric light and power plants	15, 417	15, 255	162	35, 665	35, 650	15
Electrical machinery and supply factories	28, 789	23, 562	3, 227	36, 885	33, 345	3, 540
Rubber factories	51, 407	47, 515	3, 952	29, 123	25, 980	3, 143
Straw factories	577	513	64	148	136	12
Turpentine farms and distilleries [16]	25, 830	25, 395	435	37, 620	37, 313	307
Other and not specified mfg. industries	[19] 275, 701	[19] 248, 504	[19] 27, 197	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 [21, 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, 054	6, 054	
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, 073	16, 072	1
Owners, managers, and officials, truck, transfer, and cab companies	23, 497	23, 231	266	41, 084	40, 508	576
Railroad transportation: [20]						
Baggagemen and freight agents	16, 819	16, 789	30	16, 377	16, 361	16
Boiler washers and engine hostlers	25, 305	25, 271	34	18, 300	18, 300	
Brakemen, steam railroad	114, 107	114, 107		88, 197	88, 197	
Conductors, steam railroad	74, 539	74, 539		73, 332	73, 332	
Conductors, street railroad	63, 760	63, 507	253	35, 697	35, 680	17
Foremen and overseers	79, 294	79, 216	78	79, 737	79, 682	55
Steam railroad	73, 046	72, 986	60	73, 910	73, 860	50
Street railroad	6, 248	6, 230	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, 420	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

[5] Not otherwise specified. [14] See note 8, p. 57 and note 15, p. 58. [16] See note 5, p. 56.
[19] See note 15, p. 58. [20] Selected occupations. [21] Not classified separately in 1920.
[22] *Neither in 1920 nor in 1930 was the attempt to distinguish chauffeurs and motor truck drivers from draymen, teamsters, and carriage drivers very successful.*
[23] *Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; drivers for bakeries and stores are classified as deliverymen in trade, and drivers for laundries are classified as deliverymen in domestic and personal service.*
[24] Included with "Draymen, teamsters, and expressmen" in 1920.
[25] *Because of indefinite returns by census enumerators, it is probable that some stationary engineers were included with locomotive engineers, and some firemen of stationary boilers with locomotive firemen.*

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Transportation, etc.—Continued.						
Express, post, radio, telegraph, and telephone :[20]						
Agents, express companies	5,293	5,193	100	4,176	4,102	74
Express messengers and railway mail clerks	25,005	24,996	9	25,608	25,600	8
Express messengers	9,138	9,129	9	8,211	8,207	4
Railway mail clerks	15,867	15,867		17,397	17,393	4
Mail carriers	91,451	90,131	1,320	121,333	120,204	1,129
Postmasters [20]	31,935	20,727	11,208	34,421	20,818	13,603
Radio operators	(27)	(27)	(27)	4,955	4,909	46
Telegraph and telephone linemen	37,917	37,905	12	71,625	71,624	1
Telegraph messengers	9,403	8,969	434	16,176	15,997	179
Telegraph operators	[27] 79,434	[27] 62,574	[27] 16,860	67,821	51,699	16,122
Telephone operators	190,160	11,781	178,379	248,884	13,625	235,259
Other transportation and communication:						
Apprentices, steam railroad, telegraph and telephone, and other transportation, etc	(28)	(28)	(28)	6,151	6,097	54
Aviators [29]	1,312	1,304	8	6,097	6,031	66
Foremen and overseers (n. o. s.[6])	29,863	29,824	39	52,135	52,061	74
Air transportation	(21)	(21)	(21)	181	181	
Garages, greasing stations, and automobile laundries	(30)	(30)	(30)	6,652	6,650	2
Road, street, etc., building and repairing	9,558	9,557	1	23,250	23,249	1
Telegraph and telephone	6,822	6,797	25	11,172	11,112	60
Other transp. and communication	[30] 13,483	[30] 13,470	[30] 13	10,880	10,869	11
Inspectors	50,233	40,848	385	52,120	50,965	1,155
Steam railroad	42,721	42,675	46	39,079	39,066	13
Street railroad	3,451	3,445	6	3,330	3,325	5
Telegraph and telephone	2,821	2,491	330	4,173	3,040	1,133
Other transp. and communication	1,240	1,237	3	5,538	5,534	4
Laborers (n. o. s.[6])	33,432	33,229	203	51,063	50,998	65
Air transportation	(21)	(21)	(21)	1,609	1,602	7
Express companies	9,089	9,067	22	7,080	7,085	1
Pipe lines	7,369	7,362	7	13,704	13,700	4
Telegraph and telephone	5,088	5,011	77	12,674	12,647	27
Water transportation	5,966	5,963	3	11,329	11,327	2
Other transp. and communication	5,920	5,826	94	4,661	4,637	24
Proprietors, managers, and officials (n. o. s.[6])	30,197	29,552	645	37,990	34,987	3,003
Air transportation	(21)	(21)	(21)	1,090	1,085	5
Telegraph and telephone	11,603	11,059	544	18,957	16,084	2,873
Other transp. and communication	18,594	18,493	101	17,943	17,818	125
Other occupations	48,124	46,634	1,490	85,717	83,794	1,923
Road, street, etc., building and repairing	4,435	4,331	104	8,565	8,524	41
Steam railroad	28,621	27,916	705	42,619	42,011	608
Street railroad	9,259	9,088	171	13,375	13,242	133
Other transp. and communication	5,809	5,299	510	21,158	20,017	1,141
Trade	4,257,684	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	(24)	(24)	(24)	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
Deliverymen, bakeries and stores [33]	[34] 170,235	[34] 170,039	[34] 196	159,444	159,328	116
Floorwalkers and foremen in stores	20,601	16,565	4,039	32,564	27,928	4,636
Foremen, warehouses, stockyards, etc	5,833	5,802	31	5,599	5,440	159

[6] Not otherwise specified. [20] Selected occupations. [21] Not classified separately in 1920.
[20] Postmasters were classified in "Public service" in 1920.
[27] Radio and wireless operators were included with telegraph operators in 1920. [28] See Note 4, p. 56.
[29] Aviators, designated "Aeronauts" and classified in "Other professional pursuits" in 1920, were transferred to "Transportation and communication" in 1930.
[30] Foremen in garages, greasing stations, etc., included in "Other transportation and communication."
[31] Classified in 1920 in the group "Agents" in "Clerical occupations."
[32] Group more strictly confined in 1930 than in 1920 to persons specifically returned as "Clerks in stores."
[33] Some deliverymen probably returned and classified as chauffeurs, others as teamsters or truck drivers.
[34] Includes deliverymen for laundries classified in "Domestic and personal service" in 1930.

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Trade—Continued.						
Inspectors, gagers, and samplers	13,714	12,683	1,031	16,743	10,923	5,820
Insurance agents, managers, and officials	134,978	129,589	5,389	286,235	271,530	14,705
Insurance agents	119,918	114,835	5,083	256,927	243,974	12,953
Managers and officials, insurance cos	15,060	14,754	306	29,308	27,556	1,752
Laborers in coal and lumber yards, etc	125,609	124,713	896	113,669	113,027	642
Coal yards and lumber yards	68,543	68,454	89	73,232	73,211	21
Grain elevators	11,312	11,244	68	9,212	9,141	71
Stockyards	22,888	22,859	29	8,735	8,733	2
Warehouses	22,866	22,156	710	18,699	18,205	494
Other and not specified trade	(21)	(21)	(21)	3,791	3,737	54
Laborers, porters, and helpers in stores	125,607	116,602	8,405	208,088	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	7,380	7,327	62
Other proprietors, managers, and officials	16,539	16,212	327	14,107	13,194	913
Real estate agents and officials	149,135	139,027	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	23,864	22,976	888
Junk and rags	24,773	24,581	192	27,478	27,166	312
Lumber	27,087	27,589	98	34,070	33,903	167
Opticians	12,632	11,743	889	14,385	13,769	616
Other specified dealers	[38] 91,107	[38] 85,085	[38] 6,022	113,061	101,377	11,684
Not specified dealers	65,728	59,483	6,245	58,377	52,460	5,917
Salesmen and saleswomen	1,192,199	826,866	365,333	2,069,003	1,508,283	560,720
Auctioneers	5,048	5,045	3	4,281	4,277	4
Canvassers [39]	14,705	10,514	4,191	63,769	51,956	11,813
Demonstrators	4,823	1,639	3,184	7,533	1,793	5,740
Sales agents	41,841	40,207	1,634	5,088	4,571	517
Salesmen and saleswomen	1,125,782	769,461	356,321	1,988,332	1,445,686	542,646
Undertakers	24,469	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	3,784	6,142
Meat cutters	22,884	22,804	80	45,108	45,025	83
Other occupations	36,653	24,314	12,339	52,367	32,870	19,497
Other trade industries				5,062	4,215	847
Public service (not elsewhere classified)	738,525	727,939	10,586	856,205	838,622	17,583
Firemen, fire department	50,771	50,771		73,008	73,008	
Guards, watchmen, and doorkeepers	115,553	115,154	399	148,115	147,115	1,000
Laborers, public service	106,915	105,385	1,530	157,010	155,903	1,107

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

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Public Service—Continued.						
Marshals, sheriffs, detectives, etc.	32,214	30,968	1,246	41,823	39,247	2,576
Detectives	11,055	11,562	393	12,865	12,180	685
Marshals and constables	6,897	6,880	17	9,350	9,288	62
Probation and truant officers	2,679	1,899	780	4,270	2,715	1,555
Sheriffs	10,683	10,627	56	15,338	15,064	274
Officials and inspectors (city)	33,505	31,918	1,587	48,309	45,200	3,109
Officials and inspectors (county)	22,092	18,830	3,262	30,086	24,231	5,855
Officials and inspectors (State)	9,126	8,596	530	15,236	14,256	980
Officials and inspectors (United States) [41]	39,273	38,621	652	36,461	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	22,009	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]	37,089	37,078	11	54,356	54,338	18
Mining engineers [45]	6,695	6,695		11,970	11,966	4
Trained nurses	149,128	5,464	143,664	294,189	5,452	288,737
Veterinary surgeons	13,494	13,493	1	11,863	11,852	11
Other professional pursuits [46]	(47)	(47)	(47)	114,393	43,847	70,546
County agents, farm demonstrators, etc.	(47)	(47)	(47)	5,597	4,590	1,007
Librarians	15,297	1,795	13,502	29,613	2,557	27,056
Social and welfare workers	(48)	(48)	(48)	31,241	6,649	24,592
Other occupations	18,409	12,646	5,763	47,942	30,141	17,801
Semiprofessional and recreational pursuits	(7)	(7)	(7)	198,549	143,365	55,184
Abstracters, notaries, and justices of peace	10,071	8,588	1,483	11,756	9,848	1,908
Architects', designers', and draftsmen's apprentices [28]	3,777	3,479	298	2,656	2,436	220
Apprentices to other professional persons	(28)	(28)	(28)	3,935	3,861	74
Billiard room, dance hall, skating rink, etc., keepers [49]	24,897	24,655	242	29,129	28,819	310
Chiropractors	(50)	(50)	(50)	11,916	9,203	2,713
Directors, managers, and officials, motion picture production	(51)	(51)	(51)	1,923	1,888	35
Healers (not elsewhere classified)	[50] 14,774	[50] 6,872	[50] 7,902	17,640	7,866	9,774
Keepers of charitable and penal institutions	12,884	7,953	4,931	15,020	9,468	5,552
Keepers of pleasure resorts, race tracks, etc.	3,360	3,163	197	10,718	9,741	977
Officials of lodges, societies, etc.	11,736	9,574	2,162	14,515	11,513	3,002
Radio announcers, directors, managers, and officials	(52)	(52)	(52)	1,819	1,639	180
Religious workers	[43] 41,078	[43] 14,151	[43] 26,927	31,290	11,339	19,951
Theatrical owners, managers, and officials	[51] 18,395	[51] 17,138	[51] 1,257	19,723	18,691	1,032

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

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

Occupation	1920			1930		
	Total	Male	Female	Total	Male	Female
Professional service—Continued.						
Semiprofessional, etc., pursuits—Contd.						
Technicians and laboratory assistants	(53)	(53)	(53)	15, 088	8, 288	7, 700
Other occupations	4, 257	3, 187	1, 070	10, 521	8, 765	1, 756
Attendants and helpers	(7)	(7)	(7)	170, 384	114, 759	55, 625
Attendants, pool rooms, bowling alleys, golf clubs, etc.	(54)	(54)	(54)	16, 168	16, 047	121
Dentists' assistants and attendants	6, 708	1, 768	4, 940	13, 715	770	12, 945
Helpers, motion-picture production	(55)	(55)	(55)	2, 213	1, 234	979
Laborers, professional service	(56)	(56)	(56)	25, 383	23, 762	1, 621
Laborers, recreation and amusement	(56)	(56)	(56)	29, 803	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, 920	4, 039	2, 890	52, 235	29, 392	22, 843
Domestic and personal service	3, 379, 995	1, 193, 313	2, 186, 682	4, 952, 451	1, 772, 200	3, 180, 251
Barbers, hairdressers, and manicurists	216, 211	182, 965	33, 246	374, 290	261, 096	113, 194
Boarding and lodging house keepers	133, 392	18, 652	114, 740	144, 371	17, 093	127, 278
Bootblacks	15, 175	15, 142	33	18, 784	18, 747	37
Charwomen and cleaners	36, 803	11, 848	24, 955	61, 932	20, 943	40, 989
Cleaning, dyeing, and pressing shop workers	21, 667	17, 094	4, 573	88, 118	66, 515	21, 603
Owners, managers, and officials	(21)	(21)	(21)	22, 116	19, 822	2, 294
Foremen and overseers	(21)	(21)	(21)	819	470	349
Laborers	(21)	(21)	(21)	4, 549	3, 910	639
Other operatives	(21)	(21)	(21)	60, 634	42, 313	18, 321
Elevator tenders	40, 713	33, 376	7, 337	67, 614	55, 255	12, 359
Hotel keepers and managers	55, 583	41, 449	14, 134	56, 848	39, 538	17, 310
Housekeepers and stewards	221, 612	17, 262	204, 350	256, 746	20, 383	236, 363
Janitors and sextons	178, 628	149, 590	29, 038	309, 625	273, 805	35, 820
Laborers, domestic and personal service	58 32, 893	58 31, 224	58 1, 669	71, 687	67, 337	4, 350
Launderers and laundresses (not in laundry)	396, 756	10, 882	385, 874	361, 033	4, 565	356, 468
Laundry owners, managers, and officials 57	13, 692	12, 239	1, 453	24, 545	22, 482	2, 063
Laundry operatives 57	120, 715	39, 968	80, 747	240, 704	80, 229	160, 475
Deliverymen 58	(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	6, 570	6, 537	19, 293	11, 001	8, 292
Other operatives	103, 997	31, 322	72, 675	194, 501	45, 087	149, 414
Midwives	4, 773		4, 773	3, 566		3, 566
Nurses (not trained)	151, 996	19, 338	132, 658	153, 443	13, 867	139, 576
Porters (except in stores)	88, 168	87, 683	485	127, 488	127, 436	52
Domestic and personal service	43, 208	42, 929	279	57, 612	57, 599	13
Professional service				7, 766	7, 750	16
Steam railroad	22, 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, 026, 324	2, 038, 494	1, 986, 830
Agents, collectors, and credit men	62 161, 067	62 149, 427	62 11, 640	196, 107	182, 630	13, 477
Bookkeepers, cashiers, and accountants	734, 688	375, 564	359, 124	930, 648	447, 937	482, 711
Accountants and auditors	118, 451	105, 073	13, 378	191, 571	174, 557	17, 014
Bookkeepers and cashiers	616, 237	270, 491	345, 746	739, 077	273, 380	465, 697
Clerks (except "clerks" in stores)	1, 487, 905	1, 015, 742	472, 163	1, 997, 000	1, 290, 447	706, 553
Messenger, errand, and office boys and girls 63	113, 022	98, 768	14, 254	90, 379	81, 430	8, 949
Stenographers and typists	615, 154	50, 410	564, 744	811, 190	36, 050	775, 140

[1] Comparable figures for 1920 not available.

[21] Not classified separately in 1920.

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

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

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

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

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

[58] Some deliverymen probably returned as chauffeurs.

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

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

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

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

[63] Except telegraph messengers.

Source: Bureau of the Census, Department of Commerce.

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

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

Division and State	Males				Females			
	Number		Per cent		Number		Per cent	
	1920	1930	1920	1930	1920	1930	1920	1930
Continental United States	33,064,737	38,077,804	78.2	76.2	8,549,511	10,752,116	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	68,403	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	28,367	19.2	19.9
Massachusetts	1,225,163	1,285,316	80.9	75.8	503,155	528,990	31.6	29.2
Rhode Island	194,438	209,343	82.0	77.2	80,562	87,829	32.7	30.4
Connecticut	443,653	499,201	81.0	76.0	146,252	178,007	27.1	26.8
Middle Atlantic	7,122,699	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	2,076,168	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	946,185	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	1,243,953	1,473,514	23.8	24.1
Delaware	73,122	77,221	79.7	77.1	18,102	20,883	20.8	21.6
Maryland	466,257	515,137	80.0	77.4	137,221	157,692	23.8	23.9
Dist. of Columbia	143,401	155,028	82.6	78.4	92,626	88,825	45.5	40.1
Virginia	677,366	697,944	76.4	74.4	156,210	182,267	18.1	19.5
West Virginia	433,677	488,254	76.0	72.5	57,430	82,198	11.2	13.1
North Carolina	693,155	868,006	75.5	74.7	202,697	272,965	21.9	22.9
South Carolina	468,601	480,976	77.6	76.4	205,656	206,761	33.4	31.2
Georgia	840,412	850,219	78.6	77.4	288,745	311,930	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	719,620	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	17.8	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	983,564	12,324,345	3,561,043	5,118,787	838,622	1,727,650	1,772,200
New England	206,338	22,007	6,601	1,175,769	232,075	368,617	75,897	124,777	125,705
Maine	49,973	9,103	1,434	95,266	21,372	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	608,316	126,171	210,499	42,528	72,660	72,361
Rhode Island	8,607	1,065	237	111,631	17,722	30,879	7,394	9,189	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	989,336	1,328,792	318,847	459,079	497,316
New York	260,233	5,196	9,119	1,568,416	458,713	742,401	115,927	252,223	314,451
New Jersey	61,975	2,845	3,633	630,945	139,348	208,593	37,576	75,135	68,866
Pennsylvania	243,850	5,433	299,038	1,203,772	391,275	377,798	65,344	131,721	113,999
East North Central	1,413,202	25,662	144,609	3,237,041	764,512	1,109,246	155,074	374,889	352,559
Ohio	303,582	2,213	39,374	889,451	214,329	285,560	38,131	100,568	86,357
Indiana	233,947	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	137,154
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	896,148	385,735	546,327	66,270	169,337	155,269
Minnesota	294,294	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	20,561	23,649
Missouri	353,243	3,751	16,318	308,142	112,360	168,230	19,546	50,457	55,605
North Dakota	130,818	35	1,088	20,751	13,782	19,373	1,856	6,854	4,737
South Dakota	127,584	217	1,496	25,035	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
Virginia	252,539	11,349	16,003	179,833	67,483	71,198	25,431	23,440	25,181
West Virginia	112,767	5,208	109,900	122,064	44,762	41,709	5,318	18,560	13,390
North Carolina	420,303	8,996	2,739	221,930	48,019	76,607	11,520	23,285	27,072
South Carolina	256,039	3,345	927	114,925	28,285	37,506	7,913	11,321	12,539
Georgia	412,311	5,164	3,414	189,226	59,265	83,229	18,667	23,633	20,763
Florida	115,929	12,825	2,241	127,435	45,781	67,126	12,210	21,423	27,130
East South Central	1,492,058	19,077	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	340,276	4,409	14,594	169,572	62,810	79,554	9,802	23,747	28,968
Alabama	388,316	5,460	31,403	103,731	52,698	63,528	8,762	19,153	21,630
Mississippi	414,872	7,638	509	75,836	34,686	39,365	4,885	12,890	14,118
West South Central	1,840,903	28,919	90,424	707,255	303,355	418,400	67,009	120,363	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	46,705
Montana	77,409	2,616	14,949	32,393	18,119	17,236	3,016	6,588	6,082
Idaho	64,112	5,470	5,577	25,419	10,751	13,774	1,620	5,590	4,149
Wyoming	29,781	814	6,312	14,792	9,353	6,542	3,911	2,978	2,906
Colorado	101,990	1,249	17,483	70,761	32,193	45,533	6,438	16,646	14,842
New Mexico	56,689	1,142	7,002	20,158	12,638	10,059	1,208	4,742	4,242
Arizona	36,511	809	13,973	30,491	13,274	16,771	4,794	7,044	6,469
Utah	49,284	235	10,506	34,268	14,114	18,146	2,945	7,575	5,684
Nevada	8,710	120	4,992	7,817	5,680	3,630	584	1,871	2,331
Pacific	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	16,879	14,451
California	320,377	12,933	39,697	576,570	182,680	356,183	59,319	131,589	138,760

Source: Bureau of the Census, Department of Commerce.

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

females gainfully employed, see Table 60

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	909,930	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.
89,930	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.
33,905	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	231,745	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.
486,113	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.
180,510	8,231	2	10	125,324	26,517	75,342	1,038	96,681	192,311	190,012	Ill.
79,480	6,586	10	130	55,882	10,599	40,306	682	57,471	109,839	78,317	Mich.
38,334	9,128	2	1	41,057	6,495	22,868	356	35,831	58,081	41,395	Wis.
171,021	44,761	20	52	106,748	30,577	102,437	2,372	191,517	293,665	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	53,085	8,872	30,563	534	40,876	91,853	60,799	Mo.
4,796	3,575	-------	-------	1,244	1,140	2,938	138	10,711	12,760	3,707	N. D.
3,999	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.
168,891	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	70,054	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	42,663	793	73,749	256,878	61,905	E. S. C.
22,919	15,917	2	11	20,941	4,176	13,373	306	20,464	51,132	20,356	Ky.
23,330	30,576	13	4	32,042	3,494	12,316	195	22,710	73,022	20,952	Tenn.
17,700	104,445	16	12	21,950	2,465	10,040	146	20,504	80,815	13,621	Ala.
8,378	142,195	7	2	6,628	1,840	6,954	146	15,071	51,909	6,976	Miss.
126,682	188,817	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	38	63	14,803	3,215	12,495	146	18,195	77,946	16,367	La.
22,772	12,812	4	13	5,998	4,630	14,392	361	24,696	46,126	20,314	Okla.
67,853	79,828	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	77,834	38,098	Mt.
5,702	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.
184,870	19,460	45	58	79,797	22,917	106,232	1,886	143,272	219,166	170,337	Pac.
25,288	4,703	27	10	11,502	3,908	17,608	281	23,407	36,151	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	156,315	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 1916	Churches reporting members 1926	Number of members 1916	Number of members 1926	Membership by age, 1926: Under 13 years	Membership by age, 1926: 13 years and over	Membership by age, 1926: Age not reported
All denominations	**226, 718**	**232, 154**	**43, 311, 647**	**54, 576, 346**	**3, 320, 795**	**36, 948, 260**	**9, 307, 301**
Adventists (5 bodies)	2, 667	2, 576	114, 915	146, 177	3, 540	127, 467	15, 170
Baptist bodies	57, 828	60, 192	7, 153, 313	8, 440, 922	415, 798	6, 149, 474	1, 875, 650
Northern Baptist Convention	[1] 8, 177	7, 611	[1] 1, 190, 863	1, 289, 966	49, 897	1, 122, 211	117, 858
Southern Baptist Convention	[2] 23, 580	[2] 23, 374	[2] 2, 708, 870	[3] 3, 524, 378	182, 828	2, 805, 542	536, 008
American Baptist Association		[2] 1, 431		117, 858	1, 149	103, 899	12, 810
Negro Baptists	[2] 21, 213	22, 081	[2] 2, 992, 421	3, 196, 623	178, 230	1, 921, 338	1, 097, 055
Free Will Baptists	750	1, 024	54, 833	79, 592	1, 190	65, 786	12, 616
Primitive Baptists	2, 142	2, 267	80, 311	81, 374	75	42, 283	39, 016
All other (13 bodies)	*1, 966*	*2, 404*	*126, 015*	*151, 131*	*2, 429*	*88, 415*	*60, 287*
Brethren, German Baptist (Dunkers) (5 bodies)	1, 283	1, 279	133, 626	158, 248	9, 769	137, 343	11, 136
Christian Church (Gen. Convention)	1, 263	1, 044	118, 737	112, 795	7, 411	93, 500	11, 884
Church of Christ, Scientist	[4]	1, 913	[3]	202, 098		202, 098	
Church of the Nazarene	866	1, 444	32, 259	63, 558	3, 077	55, 991	4, 490
Churches of Christ	*5, 670*	*6, 226*	*317, 937*	*433, 714*			*433, 714*
Congregational Churches	[5] 5, 900	5, 928	[4] 809, 236	881, 696	16, 291	752, 534	112, 871
Disciples of Christ	8, 396	7, 648	1, 226, 028	1, 377, 595	87, 237	1, 148, 336	142, 023
Eastern Orthodox Churches	301	446	249, 840	259, 304	59, 913	186, 309	13, 082
Greek Orthodox Church	87	153	119, 871	119, 495	23, 020	87, 844	8, 631
Russian Orthodox Church	169	199	99, 681	95, 134	26, 003	65, 751	3, 380
All other (5 bodies)	45	94	30, 288	*44, 765*	10, 890	32, 804	1, 071
Evangelical Church	[6] 2, 592	2, 054	[5] 210, 530	206, 080	10, 410	186, 910	8, 760
Evangelical Congregational Church		153		20, 449	[7] 1, 205	*19, 012*	*232*
Evangelical Synod of North America	1, 331	1, 287	339, 853	314, 518		314, 518	
Friends (4 bodies)	1, 023	885	112, 982	110, 422	16, 166	*85, 945*	*8, 311*
Jewish congregations	1, 619	3, 118	357, 135	4, 081, 242			4, 081, 242
Latter Day Saints (2 bodies)	1, 530	1, 867	462, 329	606, 561	115, 861	442, 874	43, 826
Lutheran bodies	13, 921	15, 102	[6] 3, 445, 883	3, 966, 003	1, 086, 652	2, 731, 969	147, 382
United Luth. Church in America	[7] 3, 559	3, 650	[6] 1, 030, 178	1, 214, 340	304, 723	865, 844	43, 773
Augustana Synod	1, 165	1, 189	[6] 271, 927	311, 425	76, 920	232, 733	1, 772
Synodical Conference of America [8]	3, 620	4, 752	[6] 1, 112, 065	1, 292, 620	370, 685	860, 021	*61, 914*
Norwegian Luth. Church of America	[9] 2, 749	2, 554	[6] 459, 944	496, 707	146, 306	328, 306	22, 095
Joint Synod of Ohio and other States	826	872	[6] 236, 010	247, 783	73, 234	170, 043	4, 506
Synod of Iowa and other States	977	873	[6] 186, 027	217, 873	63, 798	150, 159	3, 916
All other (12 bodies)	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 bodies	65, 692	80, 644	7, 166, 885	8, 070, 619	686, 910	6, 190, 559	1, 193, 120
Methodist Episcopal Church	29, 315	26, 130	3, 717, 785	4, 080, 777	313, 840	3, 250, 506	516, 432
Methodist Protestant Church	2, 473	2, 239	186, 908	192, 171	11, 551	150, 373	30, 247
Methodist Episcopal, South	19, 184	18, 096	2, 114, 479	2, 487, 694	239, 647	1, 820, 330	427, 717
African Methodist Episcopal	6, 633	6, 708	548, 355	545, 814	42, 230	358, 833	144, 751
African Methodist Episcopal Zion	*2, 716*	*2, 466*	*257, 169*	*456, 813*	*57, 977*	*391, 060*	*6, 876*
Colored Methodist Episcopal	2, 621	2, 518	245, 749	202, 713	14, 964	129, 643	58, 106
All other (13 bodies)	*2, 750*	*2, 487*	*96, 440*	*104, 637*	*6, 731*	*88, 915*	*8, 991*
Polish National Catholic Church	34	91	28, 245	61, 574	16, 151	35, 950	9, 473
Presbyterian bodies	15, 840	14, 848	2, 255, 626	2, 625, 284	122, 361	2, 281, 698	221, 225
Presbyterian Church, U. S. A	[10] 9, 773	8, 947	[10] 1, 625, 817	1, 894, 030	77, 709	1, 653, 033	163, 297
Cumberland Presbyterian Church	1, 313	1, 097	72, 052	67, 938	3, 345	57, 770	6, 823
United Presbyterian Church	991	901	160, 726	171, 571	7, 587	156, 512	7, 472
Presbyterian Church, U. S	3, 365	3, 469	357, 769	*457, 013*	30, 769	379, 463	46, 811
All other (5 bodies)	398	434	39, 262	40, 702	2, 960	34, 920	2, 822
Protestant Episcopal Church	7, 345	7, 209	[6] 1, 480, 898	1, 859, 086	462, 310	1, 299, 351	97, 425
Reformed bodies	2, 745	2, 682	[6] 556, 171	617, 551	35, 891	524, 155	57, 505
Reformed Church in America	715	717	144, 929	153, 739	1, 951	118, 664	33, 124
Reformed Church in the U. S	[11] 1, 804	1, 709	[6] [11] 354, 225	361, 286	1, 995	339, 344	19, 947
Free Magyar Reformed Christian		11		3, 992	1, 398	1, 895	699
Roman Catholic Church	226	245	57, 017	98, 534	30, 547	64, 252	3, 735
Salvation Army	17, 375	18, 940	15, 721, 815	18, 605, 003	5, 053, 781	12, 857, 277	693, 945
Spiritualists	742	1, 052	35, 954	74, 768	21, 006	53, 745	17
Unitarians	354	611	20, 028	50, 631	506	39, 204	*10, 921*
United Brethren (3 bodies)	411	353	82, 515	60, 152	595	57, 373	2, 184
Universalist Church	3, 889	3, 375	307, 934	395, 885	32, 819	330, 305	32, 761
All other denominations	643	498	58, 556	54, 957	676	49, 835	4, 446
	4, 723	8, 673	364, 044	632, 200	48, 684	516, 798	66, 718

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

Source: Bureau of the Census, Department of Commerce.

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

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

Denomination	Value of church edifices		Expenditures during year		Sunday schools	
	Churches reporting	Amount	Churches reporting	Amount	Churches reporting	Number of scholars
All denomination	202,930	$3,839,500,810	216,042	$817,214,528	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	19,833	103,465,759	20,209	19,475,981	18,755	1,121,362
Free Will Baptists	765	1,156,743	872	252,613	643	38,199
Primitive Baptists	1,037	1,730,348	776	166,847	5	181
All other (13 bodies)	1,167	2,814,858	1,267	444,561	687	39,847
Brethren, German Baptist (Dunkers) (5 bodies)	1,206	11,110,013	1,182	2,293,622	1,067	133,483
Christian Church (General Convention)	976	7,202,193	1,004	1,353,379	938	85,478
Church of Christ Scientist	1,185	69,416,744	1,859	14,202,116	1,055	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	102,212,552	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
Evangelical Church	1,989	25,380,761	2,036	5,951,009	2,000	280,195
Evangelical Congregational Church	142	2,319,400	153	574,165	148	27,395
Evangelical Synod of North America	1,253	35,789,581	1,274	6,002,900	1,146	171,402
Federated churches	343	6,150,725	354	1,272,455	347	46,820
Friends (4 bodies)	819	10,217,657	854	1,687,785	727	67,889
Jewish Congregations	1,135	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	1,669	131,147
Joint Synod of Ohio and Other States	832	15,646,708	865	3,702,259	769	88,822
Synod of Iowa and Other States	799	8,657,486	867	2,223,888	778	50,878
All other (12 bodies)	979	8,219,499	1,149	1,767,882	786	45,524
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	20,714,845	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	88,467,147	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	5,367,450	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	49,930,675	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	**57,034**	**63,489**	**267,617**	**42,954**	**109,619**	**27,238**	**78,090**	**46.5**	**51.7**	**245.0**	**99.7**
New England	**3,607**	**3,952**	**26,876**	**5,009**	**5,948**	**2,603**	**9,529**	**44.2**	**48.4**	**352.7**	**77.8**
Maine	444	626	1,864	467	511	288	745	55.7	78.5	240.6	65.9
New Hampshire	222	251	1,309	303	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	399.0	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	1,155	516	1,162	35.3	36.2	333.8	79.0
Middle Atlantic	**11,396**	**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	10,535	3,202	8,740	42.7	35.1	382.6	98.7
New Jersey	1,824	1,222	8,864	1,633	2,694	887	1,764	32.8	30.2	207.4	77.5
Pennsylvania	4,099	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**	**256.0**	**93.7**
Ohio	3,047	4,154	13,163	2,310	5,638	1,604	6,872	45.8	62.5	218.8	92.9
Indiana	1,713	2,204	6,595	1,505	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**	**3,228**	**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	256.5	79.3
North Dakota	306	195	1,269	338	338	160	120	44.9	28.6	190.9	50.6
South Dakota	425	263	1,297	424	377	94	171	61.3	36.5	190.5	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	90.7
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	94	101	518	50	318	153	277	26.8	42.4	226.9	138.6
Maryland	737	709	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**	**13,460**	**621**	**9,849**	**1,485**	**4,097**	**48.7**	**61.2**	**149.1**	**103.9**
Kentucky	1,316	1,977	4,708	531	2,434	618	1,457	50.3	75.6	192.2	101.1
Tennessee	1,425	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**	**6,126**	**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	203	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	66	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	702	3,815	803	1,358	334	769	47.7	50.7	270.2	96.4
Oregon	549	496	2,666	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 4,664 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 [3]	1890	1900	1910	1920	1930
United States	**40, 502**	**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	50. 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

[1] Deaf persons unable to speak at all.
[2] Deaf persons unable to speak at all, for whom special schedules were returned.
[3] Persons reported as deaf and dumb by the population enumerators.
[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, 069**	**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	64,768	57,272	52,567	63,489	80.8	85.2	62.3	49.7	51.7
New England	4,367	4,846	4,090	4,099	3,952	92.9	86.7	62.4	63.5	48.4
Middle Atlantic	9,154	10,931	10,091	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	5,111	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	1,905	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	768	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	604	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	269	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	63	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 1932

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	97,997	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	71,298	60.8	129,050	110.9
1932 [7]	-------	-------	305,315	245.2	-------	-------	76,535	63.7	-------	-------	137,516	117.3

[1] Includes 2 Federal hospitals—St. Elizabeths, Dist. of Col., and Asylum for Insane Indians, S. D.
[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, 1927, 1929, and 1930 and 2 in 1928 and 1931; 2 State hospitals in 1926; 3 State prisons in 1926, 1928, 1929, and 1930, 2 in 1927, and 4 in 1931 and 1932.

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, 1930, AND 1931, BY PSYCHOSIS[1]

Psychosis	Number			Per 100,000 population		
	1922 [2]	1930	1931	1922 [2]	1930	1931
Grand total	52,472	62,987	67,152	47.8	51.1	54.1
With psychosis, total	48,116	57,757	61,621	44.7	46.9	49.7
Traumatic	136	348	338	.1	.3	.3
Senile	5,101	5,869	5,944	4.6	4.8	4.8
With cerebral arteriosclerosis	3,045	6,438	6,853	2.8	5.2	5.5
General paralysis	4,977	5,026	5,336	4.5	4.1	4.3
With cerebral syphilis	589	1,148	1,214	.5	.9	1.0
With Huntington's chorea	86	106	124	.1	.1	.1
With brain tumor	38	51	46	(3)	(3)	(3)
With other brain or nervous diseases	456	955	862	.4	.8	.7
Alcoholic	1,819	2,671	2,976	1.7	2.2	2.4
Due to drugs and other exogenous toxins	355	490	368	.3	.4	.3
With pellagra	339	951	971	.3	.8	.8
With other somatic diseases	1,285	1,605	1,726	1.2	1.3	1.4
Manic-depressive	8,095	8,764	9,584	7.4	7.1	7.7
Involution melancholia	1,083	1,245	1,369	1.0	1.0	1.1
Dementia præcox (schizophrenia)	11,887	13,071	13,330	10.8	10.6	11.1
Paranoia or paranoid conditions	1,266	1,041	1,021	1.2	.8	.8
Epileptic psychoses	1,513	1,529	1,642	1.4	1.2	1.3
Psychoneuroses and neuroses	1,063	1,145	1,339	1.0	.9	1.1
With psychopathic personality	754	726	809	.7	.6	.7
With mental deficiency	1,615	2,210	2,409	1.5	1.8	1.9
Undiagnosed psychoses	3,142	2,368	2,547	2.9	1.9	2.1
Psychoses not reported	462	-------	313	.4	-------	.3
Without psychosis, total	3,356	5,230	5,531	3.1	4.2	4.5
Epilepsy	(4)	241	229	-------	.2	.2
Alcoholism	(4)	1,330	1,808	-------	1.1	1.5
Drug addiction	(4)	585	607	-------	.5	.5
Psychopathic personality	(4)	440	427	-------	.4	.3
Mental deficiency	(4)	1,092	1,056	-------	.9	.9
Others without psychosis	(4)	1,542	1,404	-------	1.3	1.1

[1] See footnote 1, Table 61.
[2] Figures include 2,186 admissions to three *State psychopathic* hospitals in Iowa, Massachusetts, and Michigan, which were not separately tabulated by psychosis.
[3] Less than one-tenth of 1 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	260.1	298.8	352.7
Middle Atlantic	12,710	21,435	42,562	52,380	70,635	121.1	168.8	252.5	271.2	306.4
East North Central	8,966	15,674	33,089	41,246	56,881	80.0	116.3	196.6	226.0	255.0
West North Central	3,493	8,641	18,595	22,683	31,356	56.7	97.2	171.9	194.9	245.4
South Atlantic	4,660	9,007	16,514	19,952	28,637	61.3	101.7	149.1	163.6	198.1
East South Central	2,549	4,493	7,867	9,759	13,450	45.6	69.9	100.1	116.0	149.1
West South Central	800	2,049	5,010	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	634	.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 1932 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	5,740	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	70.6
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 imprisoned for nonpayment of fine (5,552 for 1923).
[2] Including prisoners in Federal 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	1930 [2]	1931 [2]	1910	1923	1930 [3]	1931 [3]
Male, total	26,222	35,216	62,957	68,265	55.5	61.9	105.8	115.0
Homicide	2,585	3,220	3,300	3,524	5.4	5.7	5.5	5.9
Rape	1,077	1,497	1,876	1,790	2.3	2.6	3.2	3.0
Robbery	1,216	2,923	6,908	8,471	2.6	5.1	11.6	14.3
Assault	2,610	1,830	2,754	3,006	5.5	3.2	4.6	5.1
Burglary	6,004	6,295	12,271	14,117	12.7	11.1	20.6	23.8
Forgery	1,611	2,568	4,063	4,371	3.4	4.5	6.8	7.4
Embezzlement	293	494	507	522	.6	.9	.9	.9
Fraud	509	614	877	914	1.1	1.1	1.5	1.5
Having stolen property	231	638	2,052	2,198	.5	1.1	3.4	3.7
Larceny	6,676	6,690	12,192	13,228	14.1	11.8	20.5	22.3
Sex offenses, except rape	796	1,110	1,081	1,197	1.7	2.0	1.8	2.0
Violating liquor laws	306	2,533	7,534	7,444	.6	4.5	12.7	12.5
Violating drug laws	22	2,015	1,495	1,616	[4]	3.5	2.5	2.7
Carrying weapons	146	242	427	476	.3	.4	.7	.8
Nonsupport or neglect of family	115	232	820	638	.2	.4	1.4	1.1
Other	2,015	2,167	4,481	4,454	4.2	3.9	7.5	7.5
Not reported	60	148	319	299	.1	.3	.5	.5
Female, total	1,510	2,369	3,056	3,033	3.4	4.3	5.3	5.2
Homicide	118	223	247	276	.3	.4	.4	.5
Robbery	20	38	80	115	[4]	.1	.1	.2
Assault	103	59	132	130	.2	.1	.2	.2
Burglary	47	42	97	92	.1	.1	.2	.2
Forgery	15	81	157	178	[4]	.1	.3	.3
Embezzlement	1	16	9	11	[4]	[4]	[4]	[4]
Fraud	10	8	27	52	[4]	[4]	[4]	.1
Having stolen property	12	24	57	59	[4]	[4]	.1	.1
Larceny	365	293	319	394	.8	.5	.6	.7
Sex offenses	340	543	611	599	.8	1.0	1.1	1.0
Violating liquor laws	19	186	330	365	[4]	.3	.6	.6
Violating drug laws	1	166	189	182	[4]	.3	.3	.3
Carrying weapons	4	2	5	10	[4]	[4]	[4]	[4]
Nonsupport or neglect of family	20	50	67	56	[4]	.1	.1	.1
Other	435	620	714	669	1.0	1.1	1.2	.8
Not reported	-------	18	15	45	-------	[4]	[4]	.1

[1] Based upon enumerated population Apr. 15, 1910, and estimated population July 1, 1923, 1930, and 1931.
[2] These figures represent the institutions which furnished detailed information.
[3] Based upon estimated population proportional to prisoners of each sex reported in detail.
[4] 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	1929	1930	1931	1910	1931	1910	1923	1931	1932
United States	29,710	38,628	158,906	166,013 [2]	71,299	32	61	68,735	81,959 [2]	129,050 [3]	137,516
Federal prisons and reformatories	987	3,703	9,734	9,800	10,615	1	9	1,904	4,864	12,186	12,963
State prisons and reformatories	28,723	34,925	49,172	56,213	60,683	32	52	66,831	77,295	116,865	124,553
New England:											
Maine	69	202	235	216	316	9	40	201	379	403	487
New Hampshire	43	35	62	107	77	10	17	147	138	184	189
Vermont	(3)	277	338	389	417	------	116	170	316	455	442
Massachusetts	1,114	693	776	972	929	33	22	1,966	1,448	2,436	2,500
Rhode Island [4]	658	294	165	179	216	121	31	421	466	410	463
Connecticut	186	346	543	679	604	17	37	605	891	1,328	1,342
Middle Atlantic:											
New York	3,188	2,666	3,005	3,349	3,079	35	29	7,073	6,316	8,856	9,292
New Jersey	814	825	1,500	1,761	1,977	32	48	1,839	1,912	3,187	3,263
Pennsylvania	1,145	1,250	2,059	2,397	2,572	15	27	3,510	4,293	5,836	6,307
East North Central:											
Ohio	1,115	2,264	3,544	3,712	3,511	23	52	2,561	4,234	9,251	9,154
Indiana	770	1,358	1,606	1,942	2,062	29	63	2,362	2,302	4,323	4,727
Illinois	844	1,387	2,509	2,658	2,629	15	34	2,509	4,416	9,088	9,796
Michigan	559	1,996	3,301	3,949	3,733	29	76	1,596	3,641	8,115	8,995
Wisconsin	527	532	1,047	1,253	1,285	23	43	953	1,153	2,381	2,584
West North Central:											
Minnesota	444	659	915	894	1,166	21	45	1,092	1,634	2,242	2,443
Iowa	333	753	756	975	1,047	15	42	963	1,794	2,759	2,971
Missouri	839	912	1,710	1,950	2,249	26	62	2,307	2,205	4,311	4,577
North Dakota	102	136	225	233	268	18	39	212	244	369	433
South Dakota	152	185	309	308	391	26	56	207	326	466	529
Nebraska	197	378	557	636	723	17	52	481	789	1,200	1,231
Kansas	500	1,001	1,378	1,545	1,246	30	66	1,264	1,574	2,756	2,538
South Atlantic:											
Delaware	(5)	(5)	(3)	(5)	336	------	140	(5)	(3)	332	340
Maryland [6]	1,700	1,390	2,297	2,899	2,831	131	172	1,675	1,483	2,602	2,549
Dist. of Columbia	(5)	(5)	(5)	(5)	475	------	97	(5)	(5)	732	812
Virginia	662	608	1,204	1,336	1,419	32	58	2,145	1,960	2,896	2,994
West Virginia	425	772	1,061	1,171	1,388	35	79	1,071	1,628	2,344	2,571
North Carolina	102	368	1,201	1,362	1,591	9	50	710	1,046	2,327	2,886
South Carolina	237	351	510	554	664	16	38	848	528	790	1,032
Georgia	744	876	(3)	(3)	(3)	29	------	2,638	3,738	(3)	(3)
Florida	428	451	868	1,042	1,315	57	87	1,297	1,368	1,985	2,668
East South Central:											
Kentucky	855	827	1,870	2,269	2,421	37	92	2,028	2,079	3,448	3,504
Tennessee	652	599	1,206	1,459	1,652	30	63	1,813	1,630	2,887	2,922
Alabama	1,785	1,057	(3)	(3)	(3)	84	------	3,381	3,109	(3)	(3)
Mississippi	624	478	(3)	991	(3)	35	------	1,690	1,620	(3)	(3)
West South Central:											
Arkansas	570	957	980	1,269	1,430	36	77	794	1,410	1,312	1,333
Louisiana	750	559	895	1,070	1,320	45	62	1,999	1,593	2,440	2,771
Oklahoma	818	1,711	2,047	2,137	2,853	49	118	1,110	1,799	3,614	4,188
Texas	1,131	1,503	2,520	2,607	3,196	29	54	3,523	3,577	5,068	5,385
Mountain:											
Montana	297	243	443	398	328	79	61	691	331	721	611
Idaho	95	110	129	(3)	(3)	29	------	220	284	(3)	(3)
Wyoming	123	125	176	135	151	84	66	257	335	338	352
Colorado	606	562	803	872	1,067	75	102	851	1,015	1,331	1,382
New Mexico	193	164	278	280	378	59	88	313	239	436	546
Arizona	279	207	296	369	362	137	82	405	355	539	587
Utah	149	186	201	223	217	40	42	270	200	314	329
Nevada	80	75	122	125	165	98	179	190	174	225	256
Pacific:											
Washington	510	750	1,055	1,053	1,227	45	78	1,249	1,010	1,765	1,911
Oregon	221	262	443	501	482	33	50	399	405	888	891
California	1,008	1,370	2,027	2,023	2,318	42	40	2,816	3,837	7,116	7,513

[1] Excluding 3 institutions not reported. [2] Excluding 4 institutions not reported. [3] No report.
[4] Data for 1910 and 1923 include the State workhouse and house of correction; data for later years include the State reformatory for women, established since 1923.
[5] State prisoners in Delaware in Newcastle County Workhouse excluded from this census; those for the District of Columbia in Lorton Reformatory, Va., also excluded.
[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 instance, but duplicates of the original certificates of individual births and deaths are received and tabulated by the Census Bureau. Owing to the gradual expansion of the "registration" areas (see Tables 68, 74, and 83), the number of births and deaths for the areas as a whole are not strictly comparable but, in most cases, the rates are affected very slightly.

General tables cover the registration area in continental United States. Hawaii 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 and 1931 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 and 1931 in order that the data may be comparable with previous years.

No. 68.—DEATHS: NUMBER AND RATES IN THE DEATH REGISTRATION AREA, 1880 TO 1931

NOTE.—See general note above

Year	Registration area			All deaths		Deaths under 1 year of age		Deaths under 5 years of age	
	Population	Percent of U. S. total population	Percent of U. S. total area	Number	Rate per 1,000 population	Number	Percent of all deaths	Number	Percent of all deaths
1880[1]	8,538,366	17.0	0.6	169,453	19.8	48,041	28.3	74,810	44.0
1890[1]	19,659,440	31.2	3.0	386,212	19.6	86,790	22.5	133,778	34.6
1900	30,765,618	40.5	7.1	539,039	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	43,016,900	49.2	20.3	687,034	16.0	131,110	19.1	183,774	26.7
1908	46,780,913	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	908,059	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	155,858	11.3	216,090	15.7
1929	116,317,515	95.7	88.6	1,386,363	11.9	148,886	10.7	206,028	14.9
1930	118,560,800	96.2	91.2	1,343,356	11.3	145,374	10.8	195,200	14.5
1931	119,421,000	96.3	91.2	1,322,587	11.1	132,874	10.0	178,537	13.5

[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	1929	1930	1931	1920	1925	1928	1929	1930	1931
Both sexes, all ages	15.8	14.6	12.3	12.3	11.5	11.4	13.0	11.9	12.2	12.0	11.4	11.2
Under 1 year	138.2	123.0	89.2	71.5	68.0	61.6	96.9	83.9	75.8	71.6	69.2	63.6
1 to 4 years	15.8	11.8	7.7	6.9	4.8	4.6	9.8	6.9	6.7	6.3	5.4	5.0
Under 5 years	41.7	34.6	23.3	18.3	16.8	15.3	26.7	21.7	19.9	18.8	17.5	16.2
5 to 9 years	4.1	3.1	2.6	2.2	1.9	1.9	3.0	2.2	2.2	2.1	1.9	1.8
10 to 14 years	2.7	2.1	1.9	1.6	1.4	1.4	2.3	1.8	1.7	1.6	1.5	1.5
15 to 19 years	4.4	3.5	2.9	2.7	2.3	2.2	4.0	3.2	3.1	2.9	2.7	2.6
20 to 24 years	6.1	4.9	3.8	3.7	3.3	3.2	5.7	4.3	4.2	4.2	3.8	3.7
25 to 34 years	7.5	6.1	4.6	4.4	4.0	3.8	6.8	5.0	4.9	4.9	4.5	4.4
35 to 44 years	9.9	9.0	6.8	6.9	6.3	6.3	8.2	7.1	7.4	7.2	6.7	6.7
45 to 54 years	14.4	14.3	12.1	12.8	12.2	12.4	12.1	12.0	12.7	12.6	12.3	12.2
55 to 64 years	27.1	27.5	25.0	26.5	25.4	25.4	23.6	23.9	25.0	25.0	24.4	24.2
65 to 74 years	55.1	58.0	54.6	56.9	53.9	53.8	51.8	52.3	54.0	54.4	52.0	51.5
75 years and over	137.8	140.1	136.2	144.7	134.6	133.8	133.2	133.7	142.0	139.6	130.5	130.5
Males, all ages	16.6	15.5	12.9	13.1	12.3	12.2	13.4	12.6	13.1	12.9	12.4	12.2
Under 1 year	152.7	136.7	100.5	80.1	76.1	69.4	108.8	94.2	85.3	80.0	77.2	71.3
1 to 4 years	16.5	12.4	8.1	6.4	5.2	5.0	10.2	7.3	7.1	6.7	5.8	6.4
Under 5 years	45.3	37.8	25.8	20.3	18.6	17.1	29.3	23.9	22.0	20.7	19.4	17.9
5 to 9 years	4.2	3.3	2.9	2.4	2.1	2.1	3.1	2.4	2.4	2.3	2.1	2.0
10 to 14 years	2.8	2.2	2.1	1.9	1.6	1.6	2.4	2.0	1.9	1.8	1.7	1.7
15 to 19 years	4.4	3.7	3.1	2.9	2.5	2.5	4.2	3.2	3.2	3.1	2.9	2.8
20 to 24 years	6.2	5.3	3.8	3.9	3.4	3.3	5.4	4.3	4.3	4.3	4.0	3.8
25 to 34 years	7.8	6.5	4.6	4.7	4.2	4.0	6.5	5.1	5.1	5.1	4.8	4.6
35 to 44 years	10.6	10.1	7.3	7.7	7.1	7.1	8.3	7.6	8.0	7.9	7.4	7.4
45 to 54 years	15.6	15.9	13.0	14.5	13.9	14.0	12.5	13.0	14.1	14.1	13.8	13.8
55 to 64 years	29.1	30.1	26.9	29.6	28.4	28.4	24.6	25.9	27.5	27.8	27.1	27.1
65 to 74 years	58.2	61.7	57.7	61.5	58.3	58.4	53.8	55.2	59.3	58.9	56.6	56.1
75 years and over	142.9	144.6	138.7	149.3	139.3	139.4	135.5	137.6	147.1	144.2	135.7	136.5
Females, all ages	14.9	13.6	11.8	11.5	10.7	10.6	12.6	11.2	11.3	11.1	10.5	10.3
Under 1 year	123.3	109.0	77.5	62.6	59.7	53.5	84.7	73.3	66.0	62.9	60.9	55.8
1 to 4 years	15.2	11.3	7.2	5.5	4.5	4.2	9.4	6.5	6.3	6.0	5.0	4.7
Under 5 years	38.0	31.2	20.7	16.3	14.8	13.4	24.0	19.3	17.7	16.8	15.6	14.4
5 to 9 years	4.0	2.9	2.3	2.0	1.7	1.6	2.8	2.0	2.0	1.9	1.7	1.6
10 to 14 years	2.7	2.0	1.7	1.4	1.2	1.2	2.1	1.7	1.5	1.4	1.3	1.3
15 to 19 years	4.4	3.2	2.8	2.4	2.2	2.0	3.9	3.2	2.9	2.8	2.5	2.4
20 to 24 years	6.9	4.5	3.7	3.6	3.2	3.1	5.9	4.3	4.1	4.0	3.7	3.6
25 to 34 years	7.3	5.6	4.5	4.2	3.8	3.6	7.2	4.9	4.8	4.7	4.3	4.2
35 to 44 years	9.0	7.9	6.2	6.0	5.4	5.5	8.0	6.6	6.7	6.5	6.0	5.9
45 to 54 years	13.1	12.6	11.1	11.0	10.5	10.6	11.6	10.9	11.2	11.0	10.6	10.5
55 to 64 years	25.1	24.9	23.1	23.5	22.4	22.4	22.4	21.7	22.2	22.2	21.4	21.3
65 to 74 years	52.1	54.5	51.7	52.6	49.9	49.4	49.8	48.4	50.4	49.9	47.3	46.9
75 years and over	133.3	136.4	134.2	141.0	130.7	129.3	131.2	130.3	137.4	135.6	125.9	125.2

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	13.6

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							
	1930	1931	1920	1925	1926	1927	1928	1929	1930	1931
Total[1]	1,327,240	1,307,273	13.0	11.8	12.2	11.4	12.0	11.9	11.3	11.1
Alabama	30,422	28,431	(2)	11.6	11.7	10.5	12.3	12.4	11.5	10.7
White	*16,010*	*15,116*	(2)	*9.6*	*9.6*	*8.7*	*10.0*	*10.2*	*9.4*	*8.8*
Colored	*14,412*	*13,315*	(2)	*15.3*	*15.4*	*13.7*	*16.2*	*16.2*	*15.2*	*14.0*
Arizona	6,679	6,074	(2)	(2)	14.0	14.4	15.4	15.9	15.2	13.7
Arkansas	18,950	17,847	(2)	(2)	(2)	10.0	10.9	10.5	10.2	9.6
White	*12,485*	*12,161*	(2)	(2)	(2)	*8.8*	*9.7*	*9.4*	*9.1*	*8.8*
Colored	*6,465*	*5,686*	(2)	(2)	(2)	*13.4*	*14.3*	*13.8*	*13.5*	*11.9*
California	66,249	67,410	13.3	12.3	12.1	12.1	12.5	11.9	11.6	11.5
Colorado	13,207	12,470	14.5	12.7	12.3	13.0	13.8	12.5	12.7	12.0
Connecticut	17,287	17,246	13.6	11.8	12.0	10.8	11.4	11.5	10.7	10.6
Delaware	3,256	3,301	14.6	13.5	14.8	12.8	13.6	12.2	13.6	13.8
Florida	18,229	18,102	12.8	13.6	15.6	13.6	13.7	12.7	12.3	12.0
White	*11,047*	*11,057*	*11.5*	*11.9*	*13.7*	*11.7*	*11.8*	*10.8*	*10.6*	*10.4*
Colored	*7,182*	*7,045*	*15.3*	*17.4*	*19.9*	*17.9*	*18.2*	*17.1*	*16.5*	*16.0*
Georgia	35,183	32,992	(2)	(2)	(2)	(2)	12.4	12.2	12.1	11.3
White	*17,993*	*16,989*	(2)	(2)	(2)	(2)	*10.8*	*10.0*	*9.8*	*9.2*
Colored	*17,190*	*16,003*	(2)	(2)	(2)	(2)	*15.9*	*15.8*	*16.1*	*15.1*
Idaho	4,171	4,000	(2)	7.8	8.8	8.6	9.4	9.2	9.4	9.0
Illinois	83,591	85,788	12.6	11.5	11.8	11.3	12.1	11.6	10.9	11.1
Indiana	39,196	38,699	13.4	12.5	12.8	11.9	12.7	12.7	12.1	11.9
Iowa	26,228	25,681	(2)	10.0	10.4	10.0	10.3	10.4	10.6	10.4
Kansas	19,505	18,618	11.4	10.2	10.4	10.0	11.2	10.4	10.4	9.9
Kentucky	29,562	28,905	11.8	11.3	11.8	10.6	11.8	12.0	11.3	11.0
White	*24,812*	*24,356*	*11.0*	*10.4*	*10.9*	*9.8*	*10.9*	*11.1*	*10.4*	*10.1*
Colored	*4,750*	*4,549*	*19.4*	*20.2*	*20.9*	*19.3*	*20.8*	*21.3*	*21.0*	*20.1*
Louisiana	24,707	23,535	11.9	12.8	12.2	11.8	12.2	11.9	11.7	11.1
White	*12,623*	*12,279*	*9.8*	*10.0*	*9.9*	*9.4*	*10.0*	*9.7*	*9.5*	*9.2*
Colored	*12,084*	*11,256*	*15.2*	*17.3*	*15.9*	*15.8*	*15.9*	*15.7*	*15.5*	*14.3*
Maine	11,082	10,490	15.4	13.8	14.4	13.9	13.9	14.3	13.9	13.1
Maryland	21,567	21,763	14.6	14.0	14.5	13.3	13.6	13.5	13.2	13.2
White	*16,808*	*16,966*	*13.3*	*12.6*	*13.2*	*12.0*	*12.4*	*12.4*	*12.0*	*12.0*
Colored	*5,284*	*6,397*	*21.1*	*20.9*	*20.6*	*19.6*	*19.5*	*18.9*	*18.9*	*19.3*
Massachusetts	49,333	48,577	13.8	12.7	12.8	11.9	12.2	12.3	11.6	11.3
Michigan	51,620	49,104	13.8	11.5	12.3	11.2	11.8	11.8	10.6	10.0
Minnesota	25,702	25,450	10.7	10.2	10.3	9.8	10.3	10.1	10.0	9.9
Mississippi	24,099	22,009	12.2	11.6	12.3	11.9	13.1	13.0	12.0	10.9
White	*9,168*	*8,694*	*9.2*	*8.8*	*9.7*	*9.2*	*10.5*	*10.3*	*9.1*	*8.6*
Colored	*14,941*	*13,315*	*15.0*	*14.8*	*14.8*	*14.5*	*15.6*	*15.5*	*14.7*	*13.1*
Missouri	43,099	44,120	12.5	11.7	12.1	11.4	12.0	12.3	11.9	12.1
Montana	5,440	5,280	9.6	9.6	10.0	9.9	10.7	10.7	10.1	9.8
Nebraska	13,202	12,908	10.0	9.3	9.4	9.1	10.0	9.8	9.6	9.3
Nevada	1,160	1,346	(2)	(2)	(2)	(2)	(2)	13.3	12.7	14.6
New Hampshire	6,322	5,923	15.2	14.4	14.7	13.8	14.0	14.1	13.6	12.7
New Jersey	43,597	44,475	12.9	11.6	12.1	11.1	11.6	11.6	10.7	10.8
New Mexico	6,596	6,156	(2)	(2)	(2)	(2)	(2)	15.4	15.5	14.4
New York	145,453	149,107	13.8	12.3	12.8	11.7	12.4	12.4	11.7	11.7
North Carolina	35,782	33,116	12.6	11.3	11.7	10.9	11.8	11.8	11.2	10.3
White	*21,627*	*20,164*	*11.2*	*9.7*	*10.1*	*9.4*	*10.4*	*10.2*	*9.6*	*8.9*
Colored	*14,155*	*12,952*	*15.9*	*14.9*	*15.5*	*14.6*	*15.1*	*15.5*	*15.1*	*13.7*
North Dakota	5,371	5,128	(2)	7.6	7.9	7.8	8.2	8.0	7.9	7.5
Ohio	76,226	75,557	12.8	11.8	12.4	11.5	12.3	12.4	11.4	11.3
Oklahoma	19,646	18,802	(2)	(2)	(2)	(2)	9.0	9.0	8.2	7.8
White	*16,663*	*15,893*	(2)	(2)	(2)	(2)	*8.7*	*8.7*	*7.8*	*7.4*
Colored	*2,983*	*2,909*	(2)	(2)	(2)	(2)	*11.4*	*12.0*	*11.2*	*10.8*
Oregon	10,543	10,242	11.7	11.0	11.1	11.2	11.3	11.3	11.0	10.6
Pennsylvania	111,606	111,936	13.8	12.6	13.0	11.9	12.6	12.3	11.6	11.5
Rhode Island	8,006	7,973	14.3	12.7	13.4	11.9	12.5	13.1	11.6	11.5
South Carolina	22,433	21,087	14.1	12.8	13.6	12.6	14.1	13.3	12.9	12.1
White	*9,271*	*8,718*	*11.4*	*9.8*	*10.3*	*9.8*	*11.3*	*10.1*	*9.8*	*9.1*
Colored	*13,162*	*12,369*	*16.6*	*16.1*	*17.3*	*15.7*	*17.4*	*17.0*	*16.6*	*15.7*
South Dakota	5,873	5,868	(2)	(2)	(2)	(2)	(2)	(2)	8.5	8.4
Tennessee	29,987	28,618	12.1	11.2	12.5	11.4	12.2	12.2	11.4	10.8
White	*21,237*	*20,601*	*10.7*	*9.8*	*10.8*	*9.9*	*10.7*	*10.7*	*9.9*	*9.5*
Colored	*8,750*	*8,017*	*18.0*	*18.1*	*19.7*	*18.0*	*19.1*	*18.7*	*18.3*	*16.7*
Utah	5,064	4,478	11.5	9.3	10.6	9.6	10.3	10.1	9.9	8.7
Vermont	4,687	4,493	15.7	14.4	14.6	13.6	13.6	14.7	13.0	12.5
Virginia	30,315	30,029	13.2	12.4	12.9	12.0	12.6	13.0	12.5	12.4
White	*18,593*	*18,470*	*11.3*	*10.3*	*11.0*	*10.1*	*10.6*	*11.0*	*10.5*	*10.4*
Colored	*11,722*	*11,559*	*17.6*	*17.6*	*17.9*	*17.0*	*17.9*	*18.2*	*18.0*	*17.8*
Washington	16,678	16,524	11.1	10.4	10.3	10.6	10.0	10.6	10.6	10.5
West Virginia	18,220	17,620	(2)	10.7	11.1	10.2	10.4	10.6	10.5	10.1
Wisconsin	30,553	30,217	11.2	10.5	10.7	10.4	11.0	10.7	10.4	10.2
Wyoming	2,079	2,035	(2)	9.0	8.9	9.1	9.8	9.0	9.2	8.9
Hawaii[3]	3,865	3,731	17.6	13.0	11.9	12.0	11.8	12.2	10.4	9.8

[1] Includes District of Columbia (for rates see Washington, Table 73); number of deaths, 1931, 7,743.
[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, 1931[2]	Registration area—rate								Registration States of 1900 (incl. D.C.)—rate					
			1900	1910	1920	1925	1928	1929	1930	1931	1900	1910	1920	1929	1930	1931
	All causes	1,322,587	1,755.0	1,496.2	1,303.8	1,184.1	1,206.6	1,191.9	1,133.1	1,107.6	1,719.5	1,562.4	1,376.0	1,234.3	1,152.3	1,136.5
1, 2	Typhoid and paratyphoid fever	5,382	35.9	23.5	7.8	8.0	4.9	4.2	4.8	4.5	31.3	18.0	4.9	1.6	1.6	1.4
7	Measles	3,576	12.5	12.3	8.3	2.3	5.4	2.5	3.2	3.0	13.4	12.6	10.3	2.5	2.6	2.2
8	Scarlet fever	2,650	10.2	11.6	4.6	2.7	2.0	2.1	1.9	2.2	9.6	12.2	6.2	1.9	1.8	2.2
9	Whooping cough	4,619	12.1	11.4	12.5	6.7	5.5	6.3	4.8	3.9	12.2	10.7	11.9	4.2	3.4	3.4
10	Diphtheria	5,738	43.3	21.4	15.3	7.8	7.2	6.6	4.9	4.8	40.4	22.5	17.3	6.7	4.3	2.9
11, 107–109	Influenza and pneumonia (all forms)	128,675	203.4	162.1	208.0	123.4	143.5	147.2	102.7	107.7	202.2	174.4	209.2	140.5	97.9	101.1
11	Influenza	31,701	22.9	14.4	70.9	29.7	45.3	55.5	19.5	26.5	26.7	15.5	54.9	35.2	11.1	16.1
107	Bronchopneumonia[3]	40,108	21.9	47.1	54.5	38.7	39.6	37.6	34.3	33.6	22.8	52.6	64.8	43.7	38.7	36.2
108	Lobar pneumonia	53,098	158.6	46.4	73.0	49.9	53.4	49.5	45.4	44.5	152.7	52.4	82.4	59.5	48.6	47.6
109	Pneumonia unspecified	3,773		54.3	9.5	5.1	5.1	4.6	3.5	3.2		53.9	7.0	2.0	1.5	1.2
15	Erysipelas	2,275	5.1	4.5	3.1	2.4	2.4	2.5	2.1	1.9	5.4	4.9	3.6	3.1	2.7	2.3
18	Epidemic cerebrospinal meningitis	2,332	(4)	.4	1.6	1.1	2.6	4.5	3.6	2.4	(4)	.3	1.8	5.5	3.6	2.2
23	Tuberculosis of the respiratory system	72,515	180.5	136.0	97.0	75.9	70.3	67.6	63.4	60.7	173.3	138.1	93.1	63.1	59.1	55.9
24–32	Other forms of tuberculosis	8,880	21.4	24.3	17.0	10.8	9.0	8.4	8.1	7.5	21.9	26.6	18.6	8.8	8.6	7.4
38	Malaria	2,536	7.9	2.2	3.6	2.1	3.6	3.5	2.9	2.1	6.2	1.3	.2	.1	.1	.1
45–53	Cancer and other malignant tumors	118,141	63.0	76.2	83.2	92.8	96.1	95.9	97.2	98.9	64.0	83.0	98.7	117.3	117.6	119.7
59	Diabetes mellitus	24,331	9.7	14.9	16.0	16.9	19.0	18.8	19.0	20.4	11.0	17.6	20.4	24.1	24.0	25.6
82a, c	Cerebral hemorrhage and softening	94,420	71.5	75.7	81.7	81.0	83.4	82.1	81.0	79.1	76.5	88.0	96.4	87.4	82.7	81.6
90–93, 94a, 95	Diseases of the heart[5]	241,123	132.1	158.8	159.1	185.7	208.2	210.8	205.5	201.9	137.4	180.9	197.6	266.4	253.2	265.2
106	Bronchitis	4,536	45.7	23.4	13.2	6.5	5.2	4.7	4.2	3.8	45.2	26.6	17.1	5.8	4.9	4.1
119, 120	Diarrhea and enteritis[6]	24,723	133.2	117.4	54.3	39.4	26.9	23.5	26.3	20.7	139.9	119.4	55.6	17.7	17.4	13.0
121	Appendicitis	18,113	9.7	11.4	13.4	15.2	15.3	15.2	15.3	15.2	8.8	11.1	13.2	15.9	15.8	15.6
122	Hernia, intestinal obstruction[7]	12,539	12.2	12.4	10.6	10.8	10.5	10.6	10.3	10.5	11.9	12.6	11.1	10.6	10.3	10.2
124	Cirrhosis of the liver	8,851	12.9	13.9	7.1	7.3	7.6	7.2	7.2	7.4	12.6	14.4	7.7	8.1	7.8	8.3
130–132	Nephritis	104,119	89.0	99.1	89.2	96.5	95.2	91.2	90.8	87.2	88.7	107.3	97.4	90.8	91.0	88.3
140, 142a, 145	Puerperal septicemia	5,445	5.7	7.2	6.6	5.5	5.0	5.0	4.6	4.6	5.8	6.7	6.0	4.2	3.9	3.9
140, 142a, 145, 141, 142b, 143	Other puerperal causes	8,794	7.6	8.5	12.5	9.3	8.8	8.2	8.2	7.3	7.6	8.4	11.5	7.0	6.7	6.2
157–161	Congenital malformations and diseases of early infancy	67,426	91.8	88.1	84.7	74.0	65.8	62.4	60.9	56.5	88.2	94.6	90.8	62.6	60.6	55.5
163–171	Suicide	20,088	11.5	16.0	10.2	12.1	13.6	14.0	15.6	16.8	10.2	15.4	10.9	15.6	16.9	18.3
172–175	Homicide	11,160	2.1	5.9	7.1	8.6	8.8	8.5	9.0	9.3	1.2	3.9	4.2	5.0	5.1	5.3
206	Automobile and railroad-train collision	1,651	(4)	(4)	(4)	1.2	1.8	1.7	1.5	1.4	(4)	(4)	(4)	1.6	1.3	1.3
208	Automobile and street-car collision	419	(4)	(4)	(4)	.5	.5	.4	.4	.4	(4)	(4)	(4)	.4	.4	.3
210	Automobile accidents[8]	30,042	(4)	1.8	10.4	17.1	20.8	23.3	24.5	25.2	(4)	2.0	12.1	25.1	25.0	25.5
	Other external causes	61,699	79.0	82.6	60.9	59.7	56.3	55.5	54.2	51.6	72.3	75.8	58.5	53.6	51.3	49.3

[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	1929	1930	1931
Akron	11.7	8.6	9.4	7.8	7.7
Albany	15.7	15.3	16.1	14.8	14.1
Atlanta	17.1	16.1	15.7	15.5	14.9
White	*14.6*	*12.0*	*11.9*	*11.6*	*11.6*
Colored	*22.8*	*24.6*	*23.5*	*23.2*	*21.6*
Baltimore	15.4	15.1	14.5	13.9	14.2
White	*14.0*	*13.5*	*13.3*	*12.7*	*12.9*
Colored	*23.3*	*23.1*	*20.6*	*19.6*	*19.9*
Birmingham	16.3	15.8	15.3	13.6	13.0
White	*12.3*	*11.7*	*11.9*	*10.0*	*10.2*
Colored	*22.6*	*22.4*	*20.7*	*19.3*	*17.7*
Boston	15.5	15.1	15.0	14.1	14.0
Bridgeport	13.0	10.6	11.9	10.9	11.1
Buffalo	14.7	13.7	13.9	12.9	12.7
Cambridge	14.9	12.8	12.6	11.8	11.9
Camden	14.9	15.1	14.1	13.4	14.1
Canton	12.6	11.6	11.1	9.7	9.9
Chattanooga	19.4	21.7	20.9	15.7	13.6
White	*15.5*	*15.1*	*16.4*	*12.2*	*11.1*
Colored	*27.6*	*38.2*	*32.6*	*24.6*	*20.1*
Chicago	12.7	11.2	11.2	10.4	10.4
Cincinnati	15.0	15.2	16.8	15.5	15.7
Cleveland	12.5	11.4	12.2	11.0	11.0
Columbus	14.8	14.4	14.5	15.3	13.4
Dallas	13.3	12.5	11.6	11.5	11.1
White	*12.0*	*11.3*	*10.6*	*10.2*	*9.5*
Colored	*20.4*	*19.6*	*17.2*	*18.3*	*20.3*
Dayton	12.2	11.0	11.4	11.0	11.8
Denver	17.4	15.1	14.6	15.0	14.1
Des Moines	(1)	11.2	11.9	12.0	11.4
Detroit	13.5	11.0	10.9	9.3	8.1
Duluth	10.2	11.1	11.8	11.7	11.2
Elizabeth	12.7	11.3	12.4	11.5	10.6
El Paso	28.1	19.2	19.4	17.7	14.8
Erie	13.7	11.8	12.1	11.2	10.8
Evansville	13.0	12.3	12.6	12.6	11.3
Fall River	14.7	13.5	13.2	11.5	11.0
Flint	11.8	7.8	10.6	8.9	6.9
Fort Wayne	13.2	11.4	11.7	11.0	10.9
Fort Worth	(1)	10.4	11.6	11.0	10.5
White	(1)	*9.9*	*11.0*	*10.1*	*9.8*
Colored	(1)	*13.8*	*15.8*	*16.5*	*14.9*
Gary	13.8	13.0	10.2	9.6	9.6
Grand Rapids	13.2	11.5	10.3	10.0	9.0
Hartford	16.5	13.5	13.8	13.0	13.2
Houston	13.5	12.8	12.5	12.2	10.9
White	*12.0*	*10.3*	*11.0*	*10.3*	*9.8*
Colored	*18.2*	*19.4*	*17.9*	*19.1*	*16.5*
Indianapolis	14.6	14.5	14.7	14.2	13.6
White	*13.8*	*13.3*	*13.9*	*13.5*	*13.1*
Colored	*21.1*	*20.1*	*21.2*	*19.6*	*17.3*
Jacksonville, Fla	16.9	16.7	16.6	15.2	14.7
White	*14.1*	*12.7*	*12.3*	*11.8*	*11.5*
Colored	*20.3*	*22.5*	*23.6*	*21.0*	*20.4*
Jersey City	14.1	11.9	12.4	11.3	11.2
Kansas City, Kans	14.5	14.1	13.4	13.7	12.8
White	*13.5*	*12.4*	*12.2*	*13.1*	*12.0*
Colored	*20.6*	*23.5*	*19.9*	*16.9*	*16.7*
Kansas City, Mo	16.1	13.9	13.7	13.2	12.8
Knoxville	17.0	14.2	13.5	14.1	12.7
White	*16.2*	*12.6*	*12.5*	*13.2*	*11.9*
Colored	*21.7*	*22.7*	*13.6*	*18.5*	*16.9*
Long Beach	12.8	11.7	10.8	10.4	9.8
Los Angeles	13.6	12.5	11.4	11.2	10.8
Louisville	15.0	14.3	15.1	14.3	14.0
White	*13.6*	*13.9*	*13.7*	*12.6*	*12.6*
Colored	*21.9*	*23.1*	*22.6*	*23.2*	*21.8*
Lowell	15.8	14.6	13.6	13.2	12.9
Lynn	12.8	11.6	11.3	10.3	9.3
Memphis	19.8	18.5	18.9	17.3	16.6
White	*15.6*	*13.8*	*15.8*	*13.5*	*13.6*
Colored	*26.8*	*26.2*	*23.8*	*23.5*	*21.4*
Miami	15.0	(2)	9.5	11.1	11.4
White	*12.5*	(2)	*8.3*	*9.9*	*10.5*
Colored	*20.7*	(2)	*13.8*	*15.2*	*14.7*
Milwaukee	11.7	10.6	10.7	9.6	9.0
Minneapolis	12.3	11.7	10.8	10.8	10.9
Nashville	18.1	17.0	17.8	16.3	16.7
White	*15.5*	*14.1*	*15.6*	*13.7*	*14.6*
Colored	*24.0*	*24.1*	*23.4*	*23.1*	*22.4*
Newark, N. J	12.9	12.4	12.8	11.9	11.4
New Bedford	14.4	12.0	11.9	11.0	12.0
New Haven	14.6	13.4	13.4	13.0	13.1
New Orleans	17.6	18.7	17.7	17.4	16.4
White	*14.5*	*14.7*	*14.3*	*14.4*	*13.5*
Colored	*20.2*	*20.0*	*20.4*	*25.1*	*23.6*
New York	12.9	11.4	11.3	10.8	10.9
Bronx Boro	10.4	8.1	9.3	7.9	8.1
Brooklyn Boro	12.5	10.8	10.6	9.8	10.1
Manhattan Boro	14.4	14.5	14.3	15.0	16.4
Queens Boro	11.0	8.8	9.5	7.1	7.1
Richmond Boro	15.0	13.4	14.2	13.8	13.4
Norfolk	15.5	12.9	15.0	13.6	13.2
White	*12.1*	*9.3*	*10.6*	*10.1*	*10.1*
Colored	*21.1*	*19.6*	*23.6*	*20.4*	*19.1*
Oakland	11.8	10.2	11.3	11.1	10.8
Oklahoma City	11.9	8.4	10.5	11.2	10.5
Omaha	14.4	13.8	13.4	13.1	13.2
Paterson	12.8	12.5	13.4	12.0	13.2
Peoria	15.1	12.3	13.2	12.3	12.3
Philadelphia	14.5	13.8	13.0	12.5	12.8
Pittsburgh	16.4	15.0	14.5	13.9	14.1
Portland, Oreg	12.2	11.9	12.6	12.1	11.6
Providence	15.5	13.5	14.4	12.9	12.7
Reading	14.4	13.4	11.8	11.1	11.4
Richmond	16.5	15.4	16.1	14.9	15.5
White	*13.4*	*12.7*	*13.2*	*12.3*	*13.1*
Colored	*23.3*	*21.8*	*23.1*	*21.4*	*21.4*
Rochester	12.7	12.2	12.2	11.5	11.7
St. Louis	14.1	14.2	14.5	13.9	14.6
St. Paul	12.5	12.3	10.9	10.6	10.8
Salt Lake City	14.3	11.8	12.9	12.9	11.6
San Antonio	16.2	15.2	16.2	16.0	14.6
White	*16.1*	*15.0*	*15.9*	*15.7*	*14.4*
Colored	*16.8*	*17.2*	*19.3*	*19.7*	*16.8*
San Diego	17.0	15.0	15.0	14.5	13.7
San Francisco	14.2	12.9	13.0	13.0	12.9
Scranton	14.9	13.9	14.2	12.8	12.8
Seattle	10.7	9.8	11.1	10.9	11.3
Somerville	12.0	11.2	9.2	9.7	8.9
South Bend	12.7	11.0	10.2	9.1	8.1
Spokane	14.1	12.4	12.9	12.5	12.2
Springfield, Mass	13.1	12.7	12.7	11.8	11.0
Syracuse	15.2	12.2	12.7	11.7	11.4
Tacoma	12.9	12.3	12.2	12.8	12.7
Tampa	13.4	14.6	11.6	11.6	11.2
White	*11.2*	*12.1*	*10.5*	*10.4*	*10.1*
Colored	*20.8*	*24.2*	*15.7*	*15.9*	*16.5*
Toledo	13.9	13.0	13.7	12.6	11.8
Trenton	15.8	15.4	15.5	15.3	14.7
Tulsa	(1)	(1)	9.7	9.9	8.0
White	(1)	(1)	*8.9*	*9.2*	*7.5*
Colored	(1)	(1)	*15.6*	*15.4*	*11.3*
Utica	14.7	15.2	16.6	14.8	15.0
Washington, D. C	14.7	15.1	15.4	15.1	15.8
White	*12.7*	*12.6*	*13.0*	*12.9*	*13.4*
Colored	*20.6*	*22.2*	*21.7*	*21.0*	*22.0*
Wichita	15.0	11.8	12.4	11.9	9.7
Wilmington, Del	14.2	13.3	13.4	14.6	13.9
Worcester	14.8	13.5	12.8	12.8	12.0
Yonkers	11.3	9.6	9.4	8.4	8.6
Youngstown	13.0	11.8	12.3	10.5	9.7

[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	398,615	377,689	436,593	234,871	201,722
1917	54,771,416	53.6	26.7	1,353,792	696,101	657,691	776,222	423,359	352,863
1918	55,515,241	53.6	26.7	1,363,649	701,164	662,485	996,627	534,720	461,907
1919	61,453,423	58.0	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	86,256,025	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	89,582,479	77.0	63.2	1,856,068	953,638	902,430	1,093,511	589,653	503,858
1927	103,575,656	87.6	72.0	2,137,836	1,099,287	1,038,549	1,170,805	638,080	532,725
1928	113,050,693	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

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	1,104		
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	835,366	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

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	77,672	43,818	33,764	100	110	89	1,298
1920	129,531	73,737	55,794	86	95	76	1,322
1921	129,588	73,582	56,006	76	84	67	1,314
1922	135,228	77,105	58,123	76	85	67	1,327
1923	138,259	78,309	59,950	77	85	69	1,306
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

[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	1929	1930	1931	1925	1929	1930	1931
Total birth registration area	1,508,874	1,878,880	2,189,920	2,203,958	2,112,760	848,362	800,163	882,591	811,355
White	1,395,523	1,731,669	1,924,475	1,953,163	1,867,245	803,481	748,985	821,605	747,259
Colored	*113,351*	*147,211*	*245,445*	*250,795*	*245,515*	44,881	51,178	60,986	64,096
Cities in birth registration area	763,209	964,302	1,019,622	1,080,674	1,012,385	408,352	332,618	385,971	322,973
Rural part of birth registration area	745,665	914,578	1,150,298	1,123,284	1,100,375	440,010	467,545	496,620	488,382
Alabama	(2)	(2)	62,920	63,757	62,743	(2)	30,481	33,335	34,312
White	(2)	(2)	*40,781*	*40,782*	*39,829*	(2)	*23,636*	*24,772*	*24,713*
Colored	(2)	(2)	*22,139*	*22,975*	22,914	(2)	6,845	8,563	9,599
Arizona	(2)	(2)	9,590	10,376	9,369	(2)	2,806	3,697	3,295
Arkansas	(2)	(2)	37,324	41,093	41,042	(2)	*17,845*	22,143	23,195
White	(2)	(2)	*28,802*	*32,009*	*31,581*	(2)	*15,933*	*19,524*	*19,420*
Colored	(2)	(2)	*8,522*	*9,084*	*9,461*	(2)	*1,912*	*2,619*	*3,775*
California	67,199	85,204	81,568	84,206	81,426	28,404	16,123	17,957	14,016
Colorado	(2)	(2)	17,939	18,814	18,513	(2)	5,065	5,607	6,043
Connecticut	34,096	29,736	27,257	27,693	25,555	12,056	8,975	10,406	8,309
Delaware	(2)	4,674	4,286	4,474	4,237	1,559	1,154	1,218	936
District of Columbia	8,823	9,107	8,896	9,376	9,353	2,002	1,467	1,989	1,610
White	*6,319*	*6,245*	*5,987*	*6,324*	*6,368*	*1,962*	*1,404*	*1,729*	*1,594*
Colored	*2,504*	*2,862*	*2,908*	*3,052*	*2,985*	*140*	*63*	*260*	*16*
Florida	(2)	29,403	26,868	26,993	27,033	12,541	8,674	8,764	8,931
White	(2)	*20,160*	*18,304*	*18,602*	*18,663*	*10,000*	*7,393*	*7,555*	*7,606*
Colored	(2)	*9,243*	*8,564*	*8,391*	*8,370*	*2,541*	*1,281*	*1,209*	*1,326*
Georgia	(2)	(2)	58,506	60,689	61,780	(2)	23,162	25,506	28,788
White	(2)	(2)	*35,730*	*37,285*	*37,516*	(2)	*17,473*	*19,292*	*20,527*
Colored	(2)	(2)	*22,776*	*23,404*	*24,264*	(2)	*5,689*	6,214	*8,261*
Idaho	(2)	(2)	8,810	9,177	9,075	(2)	4,735	5,006	5,075
Illinois	(2)	135,437	128,633	128,121	118,788	53,844	40,845	44,530	33,000
Indiana	64,809	64,342	58,830	59,278	55,973	25,710	17,853	20,082	17,274
Iowa	(2)	47,760	42,126	42,733	41,943	23,466	16,445	16,505	16,262
Kansas	30,632	36,716	32,637	33,707	32,794	18,135	13,245	14,202	14,176
Kentucky	62,888	63,507	56,510	59,202	57,120	35,120	25,401	29,700	28,215
White	*58,747*	*59,088*	*52,968*	*55,881*	*53,865*	*35,352*	*26,692*	*31,069*	*29,509*
Colored	*4,141*	*4,419*	*3,542*	*3,321*	*3,255*	*—232*	*—1,291*	*—1,369*	*—1,294*
Louisiana	(2)	(2)	42,146	42,890	43,369	(2)	17,423	18,183	19,834
White	(2)	(2)	*25,780*	*26,166*	*26,313*	(2)	*13,167*	*13,543*	*14,034*
Colored	(2)	(2)	*16,366*	*16,724*	*17,056*	(2)	*4,256*	*4,640*	*5,800*
Maine	17,328	17,453	15,871	16,199	16,303	6,661	4,518	5,117	5,813
Maryland	35,212	33,864	29,924	30,251	28,782	12,236	8,051	8,684	7,019
White	*29,452*	*27,124*	*23,497*	*23,854*	*22,551*	*10,081*	*6,816*	*7,531*	*6,185*
Colored	*6,760*	*6,740*	*6,427*	*6,417*	*6,231*	*1,255*	*1,235*	*1,153*	*834*
Massachusetts	91,692	86,037	74,052	73,616	69,221	34,316	22,136	24,283	20,644
Michigan	92,740	90,220	99,134	99,325	90,929	49,801	43,016	47,705	41,825
Minnesota	55,909	53,776	46,699	47,418	46,882	28,340	21,007	21,716	21,432
Mississippi	(2)	45,155	45,612	48,163	45,211	23,002	19,782	24,064	23,202
White	(2)	*22,083*	*22,025*	*23,296*	*21,708*	*13,865*	*11,819*	*14,198*	*13,008*
Colored	(2)	*23,072*	*23,587*	*24,867*	*23,509*	*9,137*	*7,963*	*9,986*	*10,194*
Missouri	(2)	(2)	61,192	62,166	60,734	(2)	16,911	19,067	16,614
Montana	(2)	10,234	10,046	9,971	9,638	5,046	4,304	4,531	4,358
Nebraska	30,911	29,233	26,587	27,004	26,609	16,740	13,210	13,712	13,701
Nevada	(2)	(2)	1,280	1,332	1,223	(2)	81	172	—123
New Hampshire	9,946	9,407	8,170	8,342	7,764	2,844	1,628	2,020	1,841
New Jersey	(2)	74,181	68,345	68,321	64,054	31,989	22,203	24,724	19,579
New Mexico	(2)	(2)	11,348	12,115	12,322	(2)	4,920	5,519	6,166
New York	235,243	229,717	217,215	216,072	205,677	87,217	63,230	68,619	56,570
North Carolina	81,407	83,716	77,161	76,772	74,799	51,168	40,242	40,990	41,683
White	*57,054*	*57,681*	*55,211*	*53,462*	*51,901*	*37,979*	*30,647*	*31,835*	*31,737*
Colored	*24,353*	*26,035*	*23,950*	*23,310*	*22,898*	*13,189*	*9,595*	*9,155*	*9,946*
North Dakota	(2)	14,471	14,647	14,783	14,380	9,426	9,226	9,412	9,252
Ohio	123,729	126,878	116,564	118,260	108,150	53,271	35,232	42,034	32,593
Oklahoma	(2)	(2)	39,738	42,505	43,260	(2)	18,340	22,859	24,467
White	(2)	(2)	*37,397*	*39,468*	*39,798*	(2)	*19,123*	*22,805*	*23,905*
Colored	(2)	(2)	*2,341*	*3,037*	*3,471*	(2)	*—783*	*54*	*562*
Oregon	14,942	15,486	13,236	13,468	13,210	5,857	2,568	2,925	2,968
Pennsylvania	220,462	215,120	189,524	189,458	178,714	99,375	72,159	77,852	66,778
Rhode Island	(2)	14,400	12,289	12,191	11,326	6,174	3,373	4,185	3,352
South Carolina	47,777	(2)	39,444	40,460	39,515	(2)	16,391	18,027	18,428
White	*23,813*	(2)	*19,514*	*20,057*	*19,259*	(2)	*10,064*	*10,786*	*10,541*
Colored	*23,964*	(2)	*19,930*	*20,403*	*20,256*	(2)	*6,327*	*7,241*	7,887
Tennessee	(2)	(2)	50,600	52,652	52,234	(2)	19,005	22,665	23,616
White	(2)	(2)	*42,172*	*44,548*	*44,343*	(2)	*19,778*	*23,309*	*23,742*
Colored	(2)	(2)	*8,128*	*8,106*	*7,891*	(2)	*—773*	*—644*	*—126*

[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	1929	1930	1931	1925	1929	1930	1931
Utah	14,157	13,735	12,380	12,946	12,018	9,251	7,318	7,882	7,540
Vermont	7,409	7,509	6,728	6,934	6,676	2,372	1,433	2,247	2,183
Virginia	65,794	61,193	53,977	54,703	52,731	31,850	22,715	24,388	22,702
White	*45,229*	*42,407*	*38,170*	*38,972*	*37,746*	*24,884*	*18,842*	*20,370*	*19,276*
Colored	*20,565*	*18,786*	*15,807*	*15,731*	*14,985*	*6,966*	*3,873*	*4,009*	*3,426*
Washington	27,072	24,741	22,658	23,019	22,028	9,461	6,245	6,341	5,504
West Virginia	(2)	45,311	40,668	41,614	39,325	28,157	22,540	23,394	21,705
Wisconsin	58,697	57,324	55,553	56,788	54,420	27,944	24,266	26,235	24,203
Wyoming	(2)	4,833	4,424	4,471	4,504	2,937	2,414	2,392	2,469
Hawaii [3]	(2)	(2)	11,248	10,814	10,463	(2)	6,865	6,949	6,732
Virgin Islands [3]	(2)	634	496	592	478	133	−37	108	29

[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	1923	1924	1925	1926	1927	1928	1929	1930	1931
Total birth registration area:										
Births	23.7	22.2	22.4	21.5	20.7	20.6	19.8	18.9	18.9	18.0
Deaths	13.1	12.3	11.7	11.8	12.2	11.4	12.0	11.9	11.3	11.1
Excess	10.6	9.9	10.7	9.7	8.5	9.2	7.8	7.0	7.6	6.9
White:										
Births	23.4	22.0	22.1	21.2	20.4	20.4	19.5	18.6	18.6	17.7
Deaths	12.7	11.9	11.2	11.4	11.8	10.9	11.5	11.3	10.8	10.6
Excess	10.7	10.1	10.9	9.8	8.6	9.5	8.0	7.3	7.8	7.1
Colored:										
Births	26.9	25.3	26.2	25.4	24.9	23.6	22.2	21.3	21.5	20.9
Deaths	18.3	17.0	17.3	17.6	18.1	16.5	17.1	16.9	16.2	15.5
Excess	8.6	8.3	8.9	7.8	6.8	7.1	5.1	4.4	5.3	5.4
Cities:										
Births	23.9	22.5	22.8	21.9	21.2	21.0	20.1	19.4	19.1	17.5
Deaths	14.0	13.0	12.5	12.7	13.1	12.4	13.3	13.0	12.3	11.9
Excess	9.8	9.5	10.3	9.2	8.1	8.6	6.8	6.4	6.8	5.6
Rural:										
Births	23.5	22.0	22.0	21.0	20.2	20.3	19.5	18.4	18.7	18.4
Deaths	12.2	11.6	10.9	10.9	11.2	10.4	11.0	10.9	10.5	10.3
Excess	11.4	10.4	11.3	10.1	8.9	9.9	8.5	7.5	8.2	8.1

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 of births over deaths per 1,000 population [1]				
	1920	1925	1926	1927	1928	1929	1930	1931	1925	1928	1929	1930	1931
Total birth registration area	23.7	21.5	20.7	20.6	19.8	18.9	18.9	18.0	9.7	7.8	7.0	7.6	6.9
White	23.4	21.2	20.4	20.4	19.5	18.6	18.6	17.7	9.8	8.0	7.3	7.8	7.1
Colored	26.9	25.4	24.9	23.6	22.2	21.3	21.5	20.9	7.8	5.1	4.4	5.2	5.4
Cities in birth registration area	23.9	21.9	21.2	21.0	20.1	19.4	19.1	17.5	9.2	6.8	6.4	6.8	5.6
Rural part of birth registration area	23.5	21.0	20.2	20.3	19.5	18.4	18.7	18.4	10.1	8.5	7.5	8.2	8.1
Alabama	(2)	(2)	(2)	26.3	24.5	24.0	24.0	23.5	(2)	12.2	11.6	12.5	12.8
White	(2)	(2)	(2)	*26.9*	*24.8*	*24.2*	*23.9*	*23.2*	(2)	*14.8*	*14.0*	*14.5*	*14.4*
Colored	(2)	(2)	(2)	*25.2*	*23.9*	*23.5*	*24.3*	*24.1*	(2)	*7.7*	*7.3*	*9.1*	*10.1*
Arizona	(2)	(2)	21.1	20.9	21.4	22.4	23.7	21.1	(2)	6.0	6.5	8.5	7.4

[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	1926	1927	1928	1929	1930	1931	1925	1928	1929	1930	1931
Arkansas	(2)	(2)	(2)	22.1	20.8	20.2	22.1	22.0	(2)	9.9	9.7	11.9	12.4
White	(2)	(2)	(2)	*23.5*	*21.9*	*21.0*	*23.2*	*22.8*	(2)	*12.2*	*11.6*	*14.1*	*14.0*
Colored	(2)	(2)	(2)	*18.6*	*17.8*	*17.8*	*18.9*	*19.8*	(2)	*3.5*	*4.0*	*5.4*	*7.9*
California	19.0	18.4	17.1	16.6	15.8	14.8	14.7	13.9	6.0	3.3	2.9	3.1	2.4
Colorado	(2)	(2)	(2)	(2)	18.8	17.4	18.1	17.7	(2)	5.0	4.9	5.4	5.7
Connecticut	24.5	19.8	19.1	18.7	18.0	17.1	17.2	16.7	8.0	6.6	5.6	6.5	5.1
Delaware	(2)	20.2	18.0	18.2	18.3	18.1	18.7	17.7	6.7	4.7	4.9	5.1	3.9
District of Columbia	20.1	19.6	19.0	19.1	18.7	18.4	19.2	19.0	4.5	3.6	3.0	4.1	3.2
White	*19.3*	*18.3*	*17.6*	*17.9*	*17.5*	*17.0*	*17.8*	*17.9*	*5.7*	*4.7*	*4.0*	*4.9*	*4.5*
Colored	*22.4*	*23.3*	*22.9*	*23.3*	*21.8*	*22.2*	*22.9*	*22.1*	*1.1*	*.4*	*.6*	*1.9*	*.1*
Florida	(2)	23.8	27.1	25.6	21.5	18.8	18.2	18.0	10.2	7.8	6.1	5.9	6.0
White	(2)	*23.7*	*28.0*	*25.7*	*21.3*	*18.2*	*17.8*	*17.6*	*11.8*	*9.5*	*7.4*	*7.2*	*7.1*
Colored	(2)	*24.0*	*25.0*	*25.4*	*22.0*	*20.1*	*19.3*	*19.0*	*6.0*	*3.8*	*3.0*	*2.8*	*3.0*
Georgia	(2)	(2)	(2)	(2)	20.3	20.1	20.9	21.2	(2)	7.9	7.9	8.8	9.9
White	(2)	(2)	(2)	(2)	*20.5*	*19.6*	*20.3*	*20.3*	(2)	*10.2*	*9.6*	*10.5*	*11.1*
Colored	(2)	(2)	(2)	(2)	*20.0*	*21.1*	*21.9*	*22.9*	(2)	*4.1*	*5.3*	*5.8*	*7.8*
Idaho	(2)	(2)	21.2	20.8	20.5	19.8	20.6	20.3	(2)	11.1	10.6	11.2	11.3
Illinois	(2)	19.1	18.6	18.3	17.4	17.0	16.7	15.4	7.6	5.3	5.4	5.8	4.3
Indiana	22.0	20.8	20.1	19.7	18.9	18.3	18.3	17.2	8.3	6.2	5.6	6.2	5.3
Iowa	(2)	19.6	18.7	18.2	17.6	17.1	17.3	16.0	9.6	7.3	6.7	6.7	6.5
Kansas	22.3	20.1	19.1	18.8	18.2	17.4	17.9	17.4	9.9	7.0	7.0	7.5	7.5
Kentucky	25.0	25.7	23.8	24.3	23.0	21.7	22.6	21.7	13.9	11.2	9.7	11.3	10.7
White	*26.8*	*25.8*	*24.4*	*25.0*	*23.7*	*22.3*	*23.4*	*22.4*	*15.4*	*12.8*	*11.2*	*13.0*	*12.3*
Colored	*17.6*	*19.2*	*18.0*	*17.7*	*16.1*	*15.6*	*15.0*	*14.4*	*−1.0*	*−4.7*	*−5.7*	*−6.0*	*−5.7*
Louisiana	(2)	(2)	(2)	22.9	20.5	20.3	20.3	20.4	(2)	8.3	8.4	8.6	9.3
White	(2)	(2)	(2)	*22.8*	*20.1*	*19.7*	*19.7*	*19.8*	(2)	*10.1*	*10.0*	*10.2*	*10.4*
Colored	(2)	(2)	(2)	*23.0*	*21.1*	*21.2*	*21.4*	*21.7*	(2)	*5.2*	*5.5*	*5.9*	*7.4*
Maine	22.5	22.3	20.9	20.7	20.8	20.0	20.3	20.4	8.5	6.9	6.7	6.4	7.3
Maryland	24.8	21.9	21.0	20.5	19.9	18.5	18.5	17.5	7.0	6.3	5.0	5.3	4.3
White	*24.3*	*21.1*	*20.1*	*19.8*	*19.0*	*17.5*	*17.6*	*16.5*	*8.5*	*6.6*	*5.1*	*5.6*	*4.5*
Colored	*27.4*	*25.7*	*25.3*	*24.4*	*24.3*	*23.4*	*23.1*	*22.3*	*4.8*	*4.8*	*4.5*	*4.2*	*3.0*
Massachusetts	23.7	21.2	20.3	19.9	18.9	17.5	17.3	16.2	8.5	6.7	5.2	5.7	4.9
Michigan	24.9	23.1	22.4	22.1	21.1	20.8	20.4	18.4	11.6	9.3	9.0	9.8	8.4
Minnesota	23.3	21.7	21.0	20.2	19.5	18.3	18.5	18.2	11.5	9.2	8.2	8.5	8.3
Mississippi	(2)	23.7	26.3	25.3	24.4	22.9	23.9	22.3	12.1	11.3	9.9	11.9	11.4
White	(2)	*23.7*	*26.8*	*25.3*	*24.3*	*22.3*	*23.2*	*21.5*	*14.9*	*13.8*	*12.0*	*14.1*	*12.9*
Colored	(2)	*23.6*	*26.4*	*25.2*	*24.6*	*23.4*	*24.6*	*23.1*	*9.3*	*9.0*	*7.9*	*9.8*	*10.0*
Missouri	(2)	(2)	(2)	18.6	17.6	16.9	17.1	16.7	(2)	5.0	4.6	5.2	4.6
Montana	(2)	18.9	18.2	18.1	18.5	18.7	18.5	17.9	9.3	7.8	8.0	8.4	8.1
Nebraska	23.8	21.8	21.0	20.5	20.5	19.4	19.6	19.2	12.5	10.5	9.6	10.0	9.9
Nevada	(2)	(2)	(2)	(2)	(2)	14.2	14.6	13.3	(2)	(2)	.9	1.9	−1.3
New Hampshire	22.4	20.7	19.1	19.2	18.8	17.6	17.9	16.6	6.3	4.8	3.5	4.3	3.9
New Jersey	(2)	20.4	19.5	19.1	18.0	17.2	16.8	15.6	8.8	6.4	5.6	6.1	4.8
New Mexico	(2)	(2)	(2)	(2)	(2)	27.1	28.5	28.8	(2)	(2)	11.7	13.0	14.4
New York	22.4	19.9	18.9	19.0	18.3	17.5	17.1	16.1	7.6	5.9	5.1	5.4	4.4
North Carolina	31.4	29.0	27.9	27.7	26.4	24.7	24.1	23.3	17.7	14.6	12.9	12.9	13.0
White	*31.6*	*28.5*	*27.3*	*27.3*	*25.8*	*24.2*	*23.8*	*22.9*	*18.8*	*15.4*	*14.0*	*14.2*	*14.0*
Colored	*31.1*	*30.2*	*29.2*	*28.3*	*27.7*	*25.9*	*24.8*	*24.2*	*15.3*	*12.6*	*10.4*	*9.7*	*10.5*
North Dakota	(2)	21.8	22.3	21.0	22.2	21.6	21.7	21.1	14.2	14.0	13.6	13.8	13.6
Ohio	21.3	20.3	19.6	19.3	18.5	17.7	17.7	16.1	8.5	6.2	5.3	6.3	4.8
Oklahoma	(2)	(2)	(2)	(2)	18.4	16.8	17.7	17.9	(2)	9.4	7.8	9.5	10.1
White	(2)	(2)	(2)	(2)	*19.5*	*17.7*	*18.5*	*18.5*	(2)	*10.8*	*9.0*	*10.7*	*11.1*
Colored	(2)	(2)	(2)	(2)	*9.9*	*9.0*	*11.4*	*12.9*	(2)	*−1.5*	*−3.0*	*.2*	*2.1*
Oregon	18.9	17.7	16.6	16.1	15.2	14.1	14.1	13.7	6.7	3.9	2.8	3.1	3.1
Pennsylvania	25.2	23.4	22.3	22.4	21.2	19.8	19.6	18.4	10.8	8.6	7.5	8.0	6.9
Rhode Island	(2)	22.2	20.7	20.6	19.3	18.0	17.7	16.3	9.5	6.8	4.9	6.1	4.8
South Carolina	28.3	(2)	(2)	(2)	25.0	22.7	23.3	22.7	(2)	10.9	9.4	10.4	10.6
White	*28.9*	(2)	(2)	(2)	*23.4*	*20.9*	*21.2*	*20.2*	(2)	*12.1*	*10.8*	*11.4*	*11.1*
Colored	*27.8*	(2)	(2)	(2)	*26.9*	*24.0*	*25.7*	*25.7*	(2)	*9.5*	*7.9*	*9.1*	*10.0*
Tennessee	(2)	(2)	(2)	21.5	19.6	19.5	20.1	19.8	(2)	7.4	7.3	8.7	9.0
White	(2)	(2)	(2)	*22.1*	*20.2*	*20.0*	*20.8*	*20.6*	(2)	*9.5*	*9.3*	*10.9*	*11.0*
Colored	(2)	(2)	(2)	*18.8*	*16.8*	*17.1*	*17.0*	16.4	(2)	*−2.3*	*−1.6*	*−1.3*	*−.3*
Utah	31.3	28.6	27.0	26.2	26.0	24.6	25.4	23.5	19.3	15.7	14.5	15.5	14.8
Vermont	21.0	21.1	20.0	19.6	19.6	18.7	19.3	18.5	6.7	6.0	4.0	6.3	6.0
Virginia	28.4	25.8	24.3	24.3	23.5	22.4	22.6	21.7	13.4	10.9	9.4	10.1	9.3
White	*27.8*	*24.9*	*23.5*	*23.6*	*22.9*	*21.7*	*22.0*	*21.2*	*14.6*	*12.3*	*10.7*	*11.5*	*10.8*
Colored	*29.8*	*28.0*	*26.2*	*26.1*	*25.2*	*24.2*	*24.2*	*23.1*	*10.4*	*7.3*	*6.0*	*6.8*	*5.3*
Washington	19.8	16.9	16.1	15.5	15.2	14.6	14.7	14.0	6.5	4.3	4.0	4.1	3.5
West Virginia	(2)	28.2	26.9	27.1	25.8	23.8	24.0	22.5	17.5	15.4	13.2	13.5	12.4
Wisconsin	22.2	20.5	19.7	20.2	19.9	19.0	19.3	18.4	10.0	8.9	8.3	8.9	8.2
Wyoming	(2)	22.9	20.5	20.6	20.4	19.8	19.8	19.8	13.9	10.6	10.8	10.6	10.9
Hawaii[3]	(2)	(2)	(2)	(2)	(2)	31.2	29.1	27.4	(2)	(2)	19.0	18.7	17.6

[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, 1931

Area	Births (excluding stillbirths)			Stillbirths			Stillbirths per 100 live births		
	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate
Birth registration area [1]	1,992,113	1,892,711	69,402	75,373	70,175	5,703	3.9	3.7	8.2
White	1,715,197	1,632,213	32,984	57,599	55,646	1,953	3.4	3.3	5.9
Colored	246,916	210,498	35,418	18,279	14,529	3,750	7.4	6.9	10.3
Alabama	62,743	57,655	5,088	3,065	2,603	462	4.9	4.5	9.1
White	*39,829*	*39,174*	*655*	*1,863*	*1,825*	*38*	*3.4*	*3.4*	*5.8*
Colored	*22,914*	*18,481*	*4,433*	*1,702*	*1,278*	*424*	*7.4*	*6.9*	*9.6*
Arizona	9,369	9,208	161	291	280	11	3.1	3.0	6.8
Arkansas	41,042	39,335	1,707	1,596	1,443	153	3.9	3.7	9.0
White	*31,575*	*31,128*	*447*	*935*	*905*	*30*	*3.0*	*2.9*	*6.7*
Colored	*9,467*	*8,207*	*1,260*	*661*	*538*	*123*	*7.0*	*6.6*	*9.8*
Colorado	18,513	18,094	419	571	545	26	3.1	3.0	6.2
Connecticut	25,655	25,062	593	692	672	20	2.7	2.7	4.0
Delware	4,237	4,020	217	174	161	13	4.1	4.0	6.0
District of Columbia	9,353	8,660	693	430	366	64	4.6	4.2	9.2
White	*6,368*	*6,208*	*160*	*207*	*198*	*9*	*3.3*	*3.2*	*5.6*
Colored	*2,985*	*2,452*	*533*	*223*	*168*	*55*	*7.5*	*6.9*	*10.3*
Florida	27,033	25,468	1,565	1,523	1,306	217	5.6	5.1	13.9
White	*18,963*	*18,359*	*574*	*690*	*669*	*27*	*3.7*	*3.6*	*9.9*
Colored	*8,370*	*7,679*	*1,291*	*833*	*643*	*190*	*10.0*	*9.1*	*14.7*
Georgia	61,780	57,412	4,368	3,079	3,192	487	6.0	5.6	11.1
White	*37,515*	*36,973*	*542*	*1,424*	*1,385*	*39*	*3.8*	*3.7*	*7.2*
Colored	*24,265*	*20,439*	*3,826*	*2,255*	*1,807*	*448*	*9.3*	*8.8*	*11.7*
Idaho	9,075	8,954	121	180	176	4	2.0	2.0	3.3
Illinois	118,788	116,179	2,609	4,080	3,941	139	3.4	3.4	5.3
Indiana	55,973	54,995	978	1,028	1,565	63	2.9	2.8	6.4
Iowa	41,043	41,182	761	1,333	1,290	43	3.2	3.1	5.7
Kansas	32,794	32,233	561	952	917	35	2.9	2.8	6.2
Kentucky	57,120	56,168	952	2,027	1,900	127	3.5	3.4	13.3
White	*55,884*	*53,210*	*654*	*1,769*	*1,702*	*67*	*3.9*	*3.2*	*10.2*
Colored	*5,256*	*2,958*	*298*	*258*	*198*	*60*	*7.9*	*6.7*	*20.1*
Louisiana	43,369	40,147	3,222	2,148	1,884	264	5.0	4.7	8.2
White	*26,311*	*25,871*	*440*	*944*	*923*	*21*	*3.6*	*3.6*	*4.8*
Colored	*17,058*	*14,276*	*2,782*	*1,204*	*961*	*243*	*7.1*	*6.7*	*8.7*
Maine	16,303	15,859	444	597	566	31	3.7	3.6	7.0
Maryland	28,782	26,867	1,915	1,012	1,633	279	6.6	6.1	14.6
White	*22,551*	*22,045*	*506*	*1,280*	*1,197*	*83*	*5.7*	*5.4*	*16.4*
Colored	*6,231*	*4,822*	*1,409*	*632*	*436*	*196*	*10.1*	*9.0*	*13.9*
Michigan	90,929	88,867	2,062	3,232	3,121	111	3.6	3.5	5.4
Minnesota	48,882	46,789	1,093	1,400	1,353	47	3.0	3.0	4.3
Mississippi	45,211	41,643	3,568	2,001	1,749	312	4.6	4.2	8.7
White	*21,696*	*21,409*	*287*	*640*	*621*	*19*	*2.9*	*2.9*	*6.6*
Colored	*23,515*	*20,234*	*3,281*	*1,421*	*1,128*	*293*	*6.0*	*5.6*	*8.9*
Missouri	60,734	58,813	1,921	2,547	2,381	166	4.2	4.0	8.6
Montana	9,638	9,441	197	309	301	8	3.2	3.2	4.1
Nebraska	26,609	26,138	471	766	737	29	2.9	2.8	6.2
Nevada	1,223	1,209	14	41	40	1	3.4	3.3	7.1
New Hampshire	7,764	7,612	152	312	302	10	4.0	4.0	6.6
New Jersey	64,054	62,832	1,222	2,519	2,450	69	3.9	3.9	5.6
New Mexico	12,322	11,895	427	344	327	17	2.8	2.7	4.0
New York	205,677	202,226	3,451	8,529	8,300	229	4.1	4.1	6.6
North Carolina	74,799	69,308	5,491	3,385	2,883	502	4.5	4.2	9.1
White	*51,900*	*50,584*	*1,316*	*1,629*	*1,562*	*67*	*3.1*	*3.1*	*5.1*
Colored	*22,895*	*18,724*	*4,175*	*1,756*	*1,321*	*435*	*7.7*	*7.1*	*10.4*
North Dakota	14,380	14,107	273	405	392	13	2.8	2.8	4.8
Ohio	108,150	105,560	2,590	3,755	3,600	155	3.5	3.4	6.0
Oklahoma	43,269	42,420	849	1,057	1,021	36	2.4	2.4	4.2
White	*39,691*	*39,130*	*561*	*911*	*889*	*22*	*2.3*	*2.3*	*4.4*
Colored	*3,638*	*3,290*	*348*	*146*	*132*	*14*	*4.0*	*4.0*	*4.0*
Oregon	13,210	12,955	255	359	354	5	2.7	2.7	2.0
Pennsylvania	178,714	173,201	5,513	6,421	6,044	377	3.6	3.5	6.8
Rhode Island	11,325	11,081	244	366	352	14	3.2	3.2	5.7
South Carolina	39,515	35,436	4,079	2,448	2,038	410	6.2	5.8	10.1
White	*19,259*	*18,879*	*380*	*660*	*633*	*27*	*5.4*	*5.3*	*7.1*
Colored	*20,256*	*16,557*	*3,699*	*1,793*	*1,415*	*383*	*8.9*	*8.5*	*10.4*
Tennessee	52,234	50,183	2,051	2,198	1,981	217	4.2	3.9	10.6
White	*44,343*	*43,420*	*923*	*1,640*	*1,481*	*59*	*3.5*	*3.4*	*6.4*
Colored	*7,891*	*6,763*	*1,128*	*558*	*500*	*158*	*8.9*	*7.4*	*14.0*
Utah	12,018	11,882	136	277	272	5	2.3	2.3	3.7
Vermont	6,676	6,467	209	186	181	5	2.8	2.8	2.4
Virginia	52,731	49,182	3,549	2,308	1,975	333	4.4	4.0	9.4
White	*37,745*	*36,786*	*959*	*1,186*	*1,076*	*60*	*3.0*	*2.9*	*6.3*
Colored	*14,986*	*12,396*	*2,590*	*1,178*	*899*	*273*	*7.8*	*7.3*	*10.6*
Washington	22,028	21,574	454	591	572	19	2.7	2.7	4.2
West Virginia	39,325	37,705	1,620	1,526	1,410	116	3.9	3.7	7.2
Wisconsin	54,420	53,241	1,179	1,541	1,485	56	2.8	2.8	4.7
Wyoming	4,504	4,456	48	117	114	3	2.6	2.6	6.3

[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						
	1930	1931	1920	1925	1927	1928	1929	1930	1931
Total birth registration area	142,413	130,134	86	72	65	69	68	65	62
White	117,352	107,269	82	68	61	64	63	60	57
Colored	25,061	22,865	132	111	100	106	102	100	93
Cities	67,900	61,705	91	73	65	69	66	63	61
White	58,190	52,672	87	69	61	65	62	59	57
Colored	9,710	9,033	168	125	113	121	114	109	106
Rural part	74,513	68,429	81	70	64	68	69	66	62
White	59,162	54,597	76	67	60	63	64	62	58
Colored	15,351	13,832	118	101	92	99	96	95	86
Alabama	4,599	3,855	(1)	(1)	64	75	74	72	61
White	*2,442*	*2,098*	(1)	(1)	*55*	*64*	*64*	*60*	*53*
Colored	*2,157*	*1,757*	(1)	(1)	*82*	*94*	*91*	*94*	*77*
Arizona	1,210	1,027	(1)	(1)	130	142	133	117	110
Arkansas	2,115	2,013	(1)	(1)	61	67	58	51	49
White	*1,604*	*1,530*	(1)	(1)	*56*	*61*	*55*	*50*	*48*
Colored	*511*	*483*	(1)	(1)	*77*	*86*	*69*	*56*	*51*
California	4,943	4,613	74	69	62	62	63	59	57
Colorado	1,775	1,500	(1)	(1)	(1)	89	91	94	81
Connecticut	1,551	1,375	92	73	59	59	64	56	54
Delaware	351	346	(1)	91	71	78	81	78	82
District of Columbia	664	627	91	87	68	65	71	71	67
White	*327*	*285*	*72*	*67*	*49*	*46*	*48*	*52*	*44*
Colored	*337*	*344*	*139*	*132*	*109*	*107*	*117*	*110*	*115*
Florida	1,733	1,728	(1)	74	67	67	66	64	64
White	*932*	*967*	(1)	*60*	*56*	*55*	*52*	*50*	*52*
Colored	*801*	*761*	(1)	*105*	*93*	*95*	*94*	*95*	*91*
Georgia	4,700	4,217	(1)	(1)	(1)	82	76	77	68
White	*2,441*	*2,127*	(1)	(1)	(1)	*68*	*66*	*65*	*57*
Colored	*2,259*	*2,090*	(1)	(1)	(1)	*104*	*93*	*97*	*86*
Idaho	524	507	(1)	(1)	50	59	55	57	56
Illinois	7,152	6,961	(1)	73	64	64	61	56	59
Indiana	3,423	3,224	82	68	59	63	64	58	58
Iowa	2,303	2,055	(1)	56	55	53	53	54	49
Kansas	1,772	1,571	73	62	55	59	58	53	48
Kentucky	3,876	3,713	73	70	61	70	71	65	65
White	*3,463*	*3,293*	*69*	*67*	*58*	*66*	*67*	*62*	*61*
Colored	*413*	*445*	*138*	*120*	*109*	*118*	*130*	*122*	*137*
Louisiana	3,352	2,856	(1)	(1)	77	78	74	78	66
White	*1,622*	*1,409*	(1)	(1)	*58*	*64*	*59*	*62*	*54*
Colored	*1,730*	*1,447*	(1)	(1)	*109*	*102*	*98*	*103*	*85*
Maine	1,227	1,166	102	76	80	73	77	76	72
Maryland	2,279	2,318	104	90	81	80	80	75	81
White	*1,502*	*1,496*	*90*	*76*	*68*	*67*	*69*	*63*	*66*
Colored	*777*	*822*	*164*	*148*	*134*	*128*	*120*	*121*	*132*
Massachusetts	4,426	3,774	91	73	65	64	62	60	55
Michigan	6,224	5,184	92	75	68	69	66	63	57
Minnesota	2,488	2,370	66	60	52	54	51	52	51
Mississippi	3,261	2,529	(1)	68	67	74	72	68	56
White	*1,197*	*952*	(1)	*53*	*56*	*61*	*58*	*51*	*44*
Colored	*2,054*	*1,577*	(1)	*83*	*78*	*86*	*85*	*83*	*67*
Missouri	3,645	3,814	(1)	(1)	60	66	62	59	63
Montana	583	583	(1)	71	66	61	64	58	60
Nebraska	1,333	1,299	64	58	51	53	52	49	49
Nevada	91	91	(1)	(1)	(1)	(1)	67	68	74
New Hampshire	512	445	88	76	69	69	68	61	57
New Jersey	3,858	3,640	(1)	69	61	65	60	56	57
New Mexico	1,761	1,656	(1)	(1)	(1)	(1)	146	145	134
New York	12,696	11,808	86	68	59	65	61	59	57
North Carolina	6,037	5,455	85	79	79	86	79	79	73
White	*3,586*	*3,115*	*73*	*67*	*66*	*75*	*67*	*67*	*60*
Colored	*2,451*	*2,340*	*118*	*105*	*109*	*109*	*107*	*105*	*102*
North Dakota	912	845	(1)	72	63	60	67	62	59
Ohio	7,177	6,494	83	70	62	66	69	61	60
Oklahoma	2,581	2,228	(1)	(1)	(1)	*69*	70	61	51
White	*2,253*	*1,942*	(1)	(1)	(1)	*65*	*66*	*57*	*49*
Colored	*328*	*286*	(1)	(1)	(1)	*131*	*142*	*108*	*88*
Oregon	673	577	62	51	48	47	48	50	44
Pennsylvania	12,892	11,918	97	82	69	72	71	68	67

[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						
	1930	1931	1920	1925	1927	1928	1929	1930	1931
Rhode Island	753	689	(1)	78	67	67	72	62	61
South Carolina	3,689	3,201	116	(1)	(1)	97	91	89	81
White	*1,334*	*1,154*	*88*	(1)	(1)	*78*	*72*	*69*	*60*
Colored	*2,305*	*2,067*	*148*	(1)	(1)	*115*	*110*	*108*	*102*
Tennessee	3,988	3,530	(1)	(1)	71	81	77	76	68
White	*3,057*	*2,727*	(1)	(1)	*64*	*73*	*70*	*69*	*61*
Colored	*931*	*803*	(1)	(1)	*107*	*121*	*117*	*115*	*102*
Utah	743	618	71	56	54	59	59	57	51
Vermont	449	400	96	72	70	65	66	65	60
Virginia	4,226	4,026	84	81	75	76	79	77	76
White	*2,539*	*2,411*	*72*	*68*	*62*	*64*	*67*	*66*	*64*
Colored	*1,687*	*1,615*	*110*	*111*	*106*	*105*	*107*	*107*	*103*
Washington	1,122	1,064	66	56	50	48	49	49	48
West Virginia	3,371	3,036	(1)	80	72	70	78	81	77
Wisconsin	3,163	2,887	77	67	59	61	60	56	53
Wyoming	310	301	(1)	64	69	68	70	69	69
Hawaii [2]	890	796	(1)	(1)	(1)	(1)	*101*	*82*	*76*
Virgin Islands [2]	71	57	(1)	142	210	215	145	120	110
Total for area having birth registration in 1917 [3]	76,947	70,437	86	73	65	68	66	63	61

[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	1927	1928	1929	1930	1931	1920	1925	1929	1930	1931
All causes under 1 year of age	85.8	71.7	64.6	66.7	67.6	64.6	61.6	86.1	72.8	66.4	63.1	60.9
Measles	1.0	.3	.4	.6	.3	.4	.4	1.0	.4	.3	.3	.4
Scarlet fever	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(1)
Whooping cough	3.0	1.8	1.9	1.6	1.9	1.5	1.2	3.0	1.6	1.7	1.4	1.2
Diphtheria [2]	.5	.3	.2	.3	.2	.2	.2	.5	.3	.2	.2	.1
Influenza and pneumonia (lobar and unspecified)	5.9	4.4	3.7	5.6	5.9	3.8	4.2	5.7	4.4	5.4	3.6	4.1
Dysentery	.4	.3	.3	.3	.3	.4	.3	.3	.3	.2	.3	.2
Erysipelas	.4	.3	.4	.3	.4	.3	.3	.4	.4	.4	.4	.3
Tetanus	.1	.1	.1	.1	.1	.1	.1	.1	(1)	(1)	(1)	(1)
Tuberculosis (all forms)	1.0	.6	.6	.5	.4	.5	.4	1.0	.7	.5	.5	.4
Syphilis	.9	.7	.7	.8	.8	.8	.8	.8	.7	.7	.7	.7
Convulsions	1.0	.7	.5	.5	.4	.4	.3	1.0	.7	.4	.4	.3
Bronchitis and broncho-pneumonia	9.0	7.7	6.4	7.3	7.0	6.8	6.7	10.1	8.0	7.5	7.2	7.2
Diseases of the stomach [3]	1.2	.6	.5	.5	.4	.3	.3	1.1	.6	.4	.3	.2
Diarrhea and enteritis [4]	14.9	11.2	7.8	7.7	7.1	7.8	6.6	15.2	11.2	6.9	7.5	6.3
Congenital malformations	6.2	6.2	5.6	5.4	5.5	5.3	5.4	6.4	6.3	6.2	5.9	6.1
Congenital debility and other diseases of early infancy	7.7	5.9	4.8	5.0	4.7	4.7	4.5	7.7	6.1	4.7	4.7	4.5
Premature birth	19.4	17.2	16.8	17.6	17.5	16.7	16.0	19.1	17.6	17.6	16.8	16.3
Injury at birth	3.7	4.9	4.8	4.7	4.8	4.8	4.8	3.9	4.9	5.1	5.3	5.3
External causes	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9
Unknown or ill-defined diseases	2.5	2.2	3.1	3.7	3.8	4.0	3.7	2.5	2.0	2.0	2.0	1.8
All other causes	5.4	5.2	4.9	5.0	5.0	4.6	4.3	5.3	5.4	5.2	4.7	4.4

[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[1]				
	1920	1925	1927	1928	1929	1930	1931	1920	1925	1929	1930	1931
Total under 1 year	**85.8**	**71.7**	**64.6**	**68.7**	**67.6**	**64.6**	**61.6**	**86.1**	**72.8**	**66.4**	**63.1**	**60.9**
Under 1 day	14.8	15.0	15.1	15.3	15.3	15.0	15.0	14.8	15.0	15.2	14.9	15.0
1 day	4.6	4.2	4.1	4.4	4.4	4.2	4.0	4.6	4.3	4.4	4.2	4.1
2 days	3.4	3.2	3.0	3.1	3.0	2.9	2.7	3.4	3.2	3.1	2.9	2.8
3 to 6 days	6.4	5.8	5.3	5.4	5.3	5.1	4.7	6.4	5.9	5.3	5.0	4.7
1 week	5.4	4.4	3.9	4.1	3.9	3.9	3.6	5.4	4.5	3.8	3.8	3.6
2 weeks	3.8	2.9	2.6	2.6	2.6	2.5	2.4	3.8	3.0	2.6	2.5	2.4
3 weeks	3.1	2.3	2.2	2.3	2.3	2.1	2.0	3.1	2.4	2.2	2.1	2.0
Under 1 month	41.5	37.8	36.1	37.2	36.9	35.7	34.6	41.5	38.3	36.5	35.4	34.6
1 month	7.3	5.8	5.1	5.5	5.6	5.3	5.0	7.2	5.9	5.3	5.1	4.9
2 months	5.7	4.6	4.0	4.4	4.3	4.2	4.0	5.7	4.7	4.2	4.1	3.9
3 to 5 months	13.1	10.3	8.6	9.3	9.2	8.8	8.0	13.2	10.5	9.1	8.4	7.7
6 to 8 months	10.0	7.5	6.1	6.9	6.5	6.2	5.7	10.1	7.5	6.4	5.9	5.6
9 to 11 months	8.3	5.8	4.7	5.4	5.1	4.6	4.3	8.5	5.9	4.9	4.3	4.2

[1] Exclusive of Rhode Island.

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
1903	15,286,581	636	4.2	2,758	18.0
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	20,273,426	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	1,786	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	2,005	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	27,259,474	2,924	10.7	5,668	20.8

[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	Kentucky	1911	Connecticut	1916	Nebraska	1920
New Jersey	1880	Missouri	1911	Maine	1916	Delaware	1921
Dist. of Col	1880	Virginia	1913	Massachusetts	1916	Mississippi	1921
Connecticut	1880	Kansas	1914	Michigan	1916	New Jersey	1921
Delaware [1]	1880	South Carolina	1916	Minnesota	1916	Illinois	1921
New Hampshire	1890	Tennessee	1917	New Hampshire	1916	Montana	1922
New York	1890	Illinois	1918	New York	1916	Wyoming	1922
Rhode Island	1890	Louisiana	1918	Pennsylvania	1916	Florida	1924
Vermont	1890	Oregon	1918	Rhode Island [5]	1916	Iowa	1924
Maine	1900	Florida	1919	Vermont	1916	North Dakota	1924
Michigan	1900	Mississippi	1919	Dist. of Col	1916	West Virginia	1925
Indiana	1900	Nebraska	1920	Maryland	1916	Arizona	1926
California	1900	Georgia [4]	1922	Indiana	1917	Idaho	1926
Colorado	1900	Idaho	1922	Kansas	1917	Alabama	1927
Maryland	1900	Wyoming	1922	Kentucky	1917	Arkansas	1927
Pennsylvania	1900	Iowa	1923	North Carolina	1917	Louisiana	1927
South Dakota [2]	1900	North Dakota	1924	Ohio	1917	Missouri	1927
Washington	1908	Alabama	1925	Utah	1917	Tennessee	1927
Wisconsin	1908	West Virginia	1925	Virginia	1917	Colorado	1928
Ohio	1909	Arizona	1926	Washington	1917	Georgia	1928
Minnesota	1909	Arkansas	1927	Wisconsin	1917	Oklahoma	1928
Montana	1910	Oklahoma	1928	California	1919	Nevada	1929
North Carolina [3]	1910	Nevada	1929	Oregon	1919	New Mexico	1929
Utah	1910	New Mexico	1929	South Carolina [6]	1919		

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

NOTE.—The Territory of Hawaii was added to the death registration area in 1917 and to the birth registration area in 1929; the Virgin Islands to both the death and the birth registration areas in 1924.

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	----
1892	577,870	36,579	12,577	34.4	24,002	65.6	63	----
1893	578,673	37,468	12,590	33.6	24,878	66.4	65	----
1894	566,161	37,568	12,551	33.4	25,017	66.6	66	----
1895	598,855	40,387	13,456	33.3	26,931	66.7	67	----
1896	613,873	42,937	14,448	33.6	28,489	66.4	70	----
1897	622,350	44,699	14,765	33.0	29,934	67.0	72	----
1898	626,655	47,849	15,988	33.4	31,861	66.6	76	----
1899	650,610	51,437	16,925	32.9	34,512	67.1	79	----
1900	685,284	55,751	18,620	33.4	37,131	66.6	81	----
1901	716,621	60,984	20,008	32.8	40,976	67.2	85	----
1902	746,733	61,480	20,056	32.6	41,424	67.4	82	----
1903	786,132	64,925	21,321	32.8	43,604	67.2	83	----
1904	781,145	66,199	22,189	33.5	44,010	66.5	85	----
1905	804,787	67,976	22,220	32.7	45,756	67.3	84	----
1906	853,290	72,062	23,455	32.5	48,607	67.5	84	----
1916	1,040,684	[2] 112,036	33,809	31.1	74,893	68.9	108	----
1922	1,134,151	[2] 148,815	47,359	32.0	100,416	68.0	131	----
1923	1,220,784	[2] 165,095	52,999	32.2	111,480	67.8	134	----
1924	1,184,574	[2] 170,952	52,984	31.5	115,328	68.5	144	----
1925	1,188,334	[2] 175,449	52,147	30.1	121,333	69.9	148	----
1926	1,202,574	[2] 180,853	52,834	29.5	126,563	70.5	150	3,825
1927	1,201,053	[2] 192,037	54,037	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	1,060,554	[2] 183,664	49,591	27.2	132,612	72.8	173	4,389

[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, 1931
	Number		Per 1,000 of the population [1]		Number		Per 1,000 of the population [1]				
	1930	1931	1930	1931	1930	1931	1930	1931	1930	1931	
Continental U.S.	1,126,856	1,060,554	9.1	8.5	191,591	183,664	1.56	1.48	170	173	4,339
New England	57,520	55,282	7.0	6.7	8,248	7,937	1.01	.96	143	144	90
Maine	6,438	6,232	8.1	7.8	1,476	1,342	1.85	1.68	229	215	5
New Hampshire	5,142	5,535	11.0	11.9	639	660	1.37	1.41	124	119	10
Vermont	2,633	2,554	7.3	7.1	371	325	1.03	.90	141	127	
Massachusetts	27,431	26,296	6.4	6.1	3,691	3,585	.87	.84	135	136	60
Rhode Island	4,810	4,635	7.0	6.7	748	674	1.08	.97	155	145	
Connecticut	11,066	10,030	6.9	6.2	1,323	1,351	.82	.83	120	135	15
Middle Atlantic	211,441	200,906	8.0	7.6	15,713	15,484	.60	.58	74	77	1,192
New York	118,172	114,322	9.3	9.0	4,801	5,091	.38	.40	41	45	1,049
New Jersey	28,499	26,458	7.0	6.4	2,891	3,152	.71	.77	101	119	89
Pennsylvania	64,770	60,826	6.7	6.2	8,021	7,241	.83	.75	124	121	54
East North Central	217,863	196,511	8.6	7.7	50,091	46,551	1.97	1.82	230	237	508
Ohio	58,591	42,863	8.8	6.4	14,198	13,312	2.13	1.98	242	311	82
Indiana	38,611	38,372	11.9	11.8	7,420	7,278	2.20	2.23	192	190	84
Illinois	75,961	71,636	9.9	9.3	15,432	13,893	2.01	1.80	203	194	204
Michigan	29,482	28,850	6.1	5.9	10,535	9,425	2.16	1.91	357	327	76
Wisconsin	15,218	14,784	5.2	5.0	2,506	2,643	.85	.89	165	179	62
West North Central	118,512	107,337	8.9	8.0	23,311	22,531	1.75	1.69	197	210	172
Minnesota	22,697	19,207	8.8	7.5	2,855	2,807	1.11	1.09	126	146	23
Iowa	20,642	14,190	8.3	5.7	4,319	4,117	1.75	1.66	209	290	27
Missouri	34,705	33,971	9.5	9.3	9,214	8,994	2.53	2.47	265	265	44
North Dakota	3,794	3,633	5.6	5.3	466	487	.68	.71	123	134	10
South Dakota	6,489	6,995	9.4	10.0	728	753	1.05	1.08	112	108	12
Nebraska	10,248	11,030	7.4	8.0	1,635	1,531	1.18	1.11	160	139	20
Kansas	19,937	18,311	10.6	9.7	4,094	3,842	2.17	2.03	205	210	27
South Atlantic	160,752	159,701	10.1	10.0	14,981	14,573	.95	.91	93	91	203
Delaware	1,126	1,013	4.7	4.2	211	181	.88	.75	187	179	8
Maryland	24,592	24,703	15.0	15.0	2,045	2,014	1.25	1.22	83	82	20
Dist. of Columbia	5,346	5,316	11.0	10.8	93	215	.19	.44	17	40	4
Virginia	23,871	25,295	9.8	10.4	3,281	3,130	1.34	1.29	137	124	34
West Virginia	17,739	18,173	10.2	10.4	1,804	1,599	1.07	.91	105	88	43
North Carolina	14,579	13,130	4.6	4.1	1,537	1,525	.48	.47	105	116	16
South Carolina [2]	26,017	26,404	15.0	15.1							19
Georgia	30,335	28,331	10.4	9.7	2,338	2,346	.80	.81	77	83	33
Florida	17,147	17,336	11.6	11.5	3,632	3,563	2.45	2.37	212	206	26
East South Central	105,237	101,362	10.6	10.2	15,283	14,098	1.54	1.41	145	139	46
Kentucky	31,105	34,132	11.9	13.0	4,337	4,472	1.66	1.70	139	131	22
Tennessee	20,817	19,696	7.9	7.5	4,986	4,669	1.90	1.77	240	237	13
Alabama	27,587	25,945	10.4	9.7	3,224	2,942	1.21	1.10	117	113	7
Mississippi	25,728	21,589	12.8	10.7	2,736	2,015	1.36	.99	106	93	4
West South Central	127,805	119,139	10.5	9.7	30,395	27,766	2.49	2.25	238	233	289
Arkansas	25,134	24,537	13.5	13.2	4,169	3,476	2.25	1.87	166	142	8
Louisiana	20,930	20,167	9.9	9.5	1,833	1,601	.87	.75	88	79	17
Oklahoma	36,567	33,923	15.2	14.0	7,748	6,901	3.22	2.85	212	203	143
Texas	45,174	40,512	7.7	6.9	16,645	15,788	2.84	2.67	368	390	121
Mountain	51,622	47,846	13.9	12.8	10,762	13,223	2.90	3.55	208	276	264
Montana	5,445	5,064	10.1	9.4	1,339	1,253	2.49	2.33	246	247	24
Idaho	4,497	2,263	10.1	5.1	997	961	2.24	2.15	222	425	16
Wyoming	1,772	1,244	7.8	5.5	650	653	2.88	2.86	367	525	13
Colorado	11,733	9,952	11.3	9.5	2,245	2,209	2.16	2.12	191	222	106
New Mexico	8,711	8,380	20.5	19.6	770	725	1.81	1.69	88	87	9
Arizona	7,715	7,575	17.6	17.1	1,136	1,125	2.59	2.54	147	149	38
Utah	5,649	5,738	11.1	11.2	1,016	1,037	2.00	2.03	180	181	24
Nevada	6,100	7,630	67.0	82.9	2,609	5,260	28.67	57.17	428	689	34
Pacific	76,104	72,770	9.2	8.7	22,807	21,501	2.76	2.56	300	295	1,575
Washington	18,274	17,906	11.7	11.3	4,379	3,971	2.79	2.51	240	222	49
Oregon	7,676	7,339	8.0	7.6	2,825	2,417	2.95	2.50	368	329	27
California	50,154	47,525	8.7	8.1	15,603	15,113	2.72	2.58	311	318	1,499

[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 AND EMIGRATION

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

No. 86.—IMMIGRATION: 1821 TO 1932

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

Period or year	Number	Year	Number	Year	Number	Year	Number
1821–1830 [1]	143, 439	1878	138, 469	1900	448, 572	1922	309, 556
1831–1840 [2]	599, 125	1879	177, 826	1901	487, 918	1923	522, 919
1841–1850 [3]	1, 713, 251	1880	457, 257	1902	648, 743	1924	706, 896
1851–1860 [3]	2, 598, 214	1881	669, 431	1903	857, 046	1925	294, 314
1861–1870 [4]	2, 314, 824	1882	788, 992	1904	812, 870	1926	304, 488
1871–1880	2, 812, 191	1883	603, 322	1905	1, 026, 499	1927	335, 175
1881–1890	5, 246, 613	1884	518, 592	1906	1, 100, 735	1928	307, 255
1891–1900	3, 687, 564	1885	395, 346	1907	1, 285, 349	1929	279, 678
1901–1910	8, 795, 386	1886	334, 203	1908	782, 870	1930	241, 700
1911–1920	5, 735, 811	1887	490, 109	1909	751, 786	1931	97, 139
1921–1930	4, 107, 209	1888	546, 889	1910	1, 041, 570	1932	35, 576
1900–1904	3, 255, 140	1889	444, 427	1911	878, 587	Calendar years:	
1905–1909	4, 947, 239	1890	455, 302	1912	838, 172	1928	290, 297
1910–1914	5, 174, 701	1891	560, 319	1913	1, 197, 892	1929	268, 941
1915–1919	1, 172, 679	1892	579, 663	1914	1, 218, 480	1930	180, 261
1920–1924	2, 774, 600	1893	439, 730	1915	326, 700	1931	43, 353
1925–1929	1, 520, 910	1894	285, 631	1916	298, 826	1932	28, 008
1873	459, 803	1895	258, 536	1917	295, 403		
1874	313, 339	1896	343, 267	1918	110, 618		
1875	227, 498	1897	230, 832	1919	141, 132		
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
1920–1924, total	2, 774, 600	810, 352	3, 584, 952	892, 984	723, 824	1, 616, 808	1, 881, 616	1, 968, 144
1925–1929, total	1, 520, 910	951, 590	2, 472, 500	339, 746	843, 861	1, 233, 607	1, 131, 164	1, 238, 893
1910	1, 041, 570	156, 467	1, 198, 037	202, 436	177, 982	380, 418	839, 134	817, 619
1911	878, 587	151, 713	1, 030, 300	205, 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
Dec. 31:								
1931	43, 353	156, 611	199, 964	89, 570	204, 868	294, 438	−46, 217	−94, 474
1932	28, 008	130, 609	158, 617	97, 517	174, 935	272, 452	−69, 509	−113, 835

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

Source of Tables 86 and 87: Commissioner General of Immigration, 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	1921	805,228	13,779	4,517
1905–1909, total	4,947,239	58,688	6,709	1922	309,556	13,731	4,345
1910–1914, total	5,174,701	115,655	16,010	1923	522,919	20,619	3,661
1915–1919, total	1,172,679	74,929	11,835	1924	706,896	30,284	6,409
1920–1924, total	2,774,600	90,208	21,694	1925	294,314	25,390	9,495
1925–1929, total	1,520,910	102,661	56,594	1926	304,488	20,550	10,904
1915	326,700	24,111	2,564	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	12,903
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	19,425

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

	1910–1914, total	1915–1919, total	1920–1924, total	1925–1929, total	1930	1931	1932
Reporting occupations—							
Professional	62,124	41,308	79,309	53,953	9,888	4,773	2,538
Skilled	747,794	198,985	510,236	280,107	45,572	13,549	2,831
Unskilled	2,882,435	417,805	954,418	505,119	60,758	20,630	3,056
Farmers	56,788	27,638	74,973	51,001	8,375	2,743	403
Farm laborers	1,257,060	82,251	111,583	101,120	13,736	3,422	264
Common laborers	963,421	188,162	466,575	194,587	16,447	4,503	1,118
Servants	604,967	115,010	288,109	149,447	20,073	9,740	1,232
Other unskilled	10,199	4,714	13,178	8,964	2,127	222	49
Commercial [1]	72,572	35,926	59,924	27,535	5,137	2,393	1,133
Miscellaneous	55,279	49,254	95,895	50,198	5,751	2,782	954
Bringing—							
Less than $50	3,222,314	480,506	954,147	549,474	67,872	25,138	7,742
$50 or more	674,931	378,449	822,386	598,087	122,177	49,981	18,330
Amount brought ($1,000)	171,406	84,870	171,467	111,743	21,877	10,771	4,560
Passage paid by—							
Self	3,460,555	708,655	1,569,835	863,541	135,776	50,039	16,557
Relative	1,657,869	429,701	1,123,827	632,616	103,099	44,013	17,383
Others	56,277	34,323	80,938	24,753	2,825	3,087	1,636
Going to join—							
Relative	4,109,633	758,897	2,132,479	1,140,502	199,841	78,870	28,293
Friend	706,468	173,946	277,995	146,595	25,808	10,412	2,529
No one	298,600	239,836	364,126	233,813	16,051	7,857	4,754

[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

	1900–1909, total	1910–1914, total	1915–1919, total	1920–1924, total	1925–1929, total	1930	1931	1932
Admissions, total	8,202,388	5,174,701	1,172,679	2,774,600	1,520,910	241,700	97,139	35,576
Males	5,710,052	3,442,917	688,881	1,577,496	836,091	117,026	40,621	13,917
Females	2,492,336	1,731,784	483,798	1,197,104	684,819	124,026	56,518	21,659
Males per 1,000 females	2,291	1,988	1,424	1,318	1,221	939	719	643
Under 16 years [1]	992,656	657,825	195,241	516,293	247,373	40,777	17,320	6,781
16 to 44 years [1]	6,803,052	4,229,546	863,348	2,003,466	1,135,903	177,059	67,100	22,905
45 years and over	406,680	287,330	124,090	254,841	137,634	23,864	12,719	5,890
Illiterates, number [2]	1,924,786	1,143,266	116,749	75,231	20,556	2,495	2,334	1,523
Per cent	23.5	22.1	10.0	2.7	1.4	1.0	2.4	4.3
Departures, total [3]		1,442,892	618,223	892,984	389,748	50,661	61,882	103,295
Males		1,163,750	495,643	682,170	278,709	32,565	40,857	66,859
Females		279,142	122,580	210,814	111,037	18,096	21,025	36,436
Males per 1,000 females		4,169	4,043	3,236	2,510	1,798	1,943	1,835
Under 16 years [1]		69,018	38,883	39,280	18,493	3,479	5,241	8,977
16 to 44 years [1]		1,217,753	488,282	635,980	235,680	34,199	41,640	70,521
45 years and over		156,121	91,058	217,724	85,573	12,983	15,001	23,797

[1] Prior to 1918 the division point is 14 years.
[2] Unable to read or write in any language.
[3] Not available prior to 1908.

Source of Tables 88, 89, and 90: Commissioner General of Immigration, 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	758,819	1,028,484	789,407	294,972	494,435
Albania				[1] 250	[1] 284	[1] —34	1,072	1,062	10
Austria	575,852	181,494	394,358	25,842	4,716	21,126	5,550	2,447	3,103
Hungary	563,801	174,362	389,439	25,262	32,110	—6,848	4,237	4,268	—31
Belgium	28,450	4,727	23,723	17,936	5,668	12,268	3,575	2,455	1,120
Bulgaria	24,821	20,514	4,307	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	679	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] 2,369	[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	57,979	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	—8,091
Rumania	12,851	2,331	10,520	61,083	30,863	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	10,939	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	475	6,156	6,195	229	5,966
Yugoslavia				43,487	55,296	—11,809	5,728	10,182	—4,454
Other Europe	2,109	90	2,019	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	83,000	8,560	75,340	23,769	6,980	16,789	235	440	—206
Other Asia	4,982	593	4,389	2,837	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	26,802	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.	3,341	2,854	2,487	6,459	2,804	3,654	2,881	2,188	693
Pacific Islands, not specified.	483	163	320	361	169	192	160	114	46

[1] Figures for 1924 only. Data for prior years included with countries to which they formerly belonged.
[2] Included with United Kingdom 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		1931		1932		
Admitted	Departed	Admitted	Departed	Admitted	Departed	Admitted	Departed	Admitted	Departed	
241,700	50,661	97,139	61,882	35,576	103,295	43,353	89,570	28,008	97,517	All countries, total.
147,438	29,538	61,909	33,135	20,579	52,101	25,825	44,047	15,967	54,197	Europe, total.
341	33	222	23	245	122	262	73	148	119	Albania.
1,744	301	738	270	301	452	355	389	261	425	Austria.
1,265	550	887	512	446	783	603	698	324	604	Hungary.
909	489	551	625	229	676	259	640	186	614	Belgium.
211	84	200	96	65	157	114	146	30	170	Bulgaria.
4,438	1,166	2,016	1,331	494	1,862	735	1,805	373	1,556	Czechoslovakia.
1,161	305	555	513	262	582	385	566	206	406	Denmark.
132	27	104	49	32	74	50	55	20	76	Estonia.
525	274	327	547	100	704	166	669	88	722	Finland.
3,713	1,978	1,830	1,978	854	2,572	1,029	2,356	649	2,151	France.
26,569	4,639	10,401	3,369	2,670	5,533	3,291	4,467	2,252	5,561	Germany.
2,291	733	1,763	753	877	1,406	994	1,143	699	1,417	Greece.
17,971	1,242	6,121	1,556	441	2,457	681	2,057	272	2,985	Irish Free State.
22,327	2,054	13,399	2,410	6,662	4,866	7,875	3,507	5,411	6,311	Italy.
370	33	227	115	69	61	89	123	54	34	Latvia.
612	169	403	349	191	411	286	390	136	413	Lithuania.
2,738	476	1,143	612	231	780	362	753	205	695	Netherlands.
2,649	1,085	1,280	1,437	348	1,686	586	1,616	222	1,612	Norway.
9,231	1,979	3,604	2,110	1,296	2,408	1,342	2,222	1,361	2,243	Poland.
637	265	542	204	248	1,003	449	553	122	2,485	Portugal.
1,726	508	933	504	465	768	582	742	404	639	Rumania.
1,133	256	335	433	244	1,524	311	1,154	152	891	Russia.
670	1,231	476	1,667	445	2,998	444	2,388	308	3,399	Spain.
3,109	1,113	1,298	1,583	328	2,930	541	2,173	187	2,553	Sweden.
1,689	465	864	411	235	778	329	613	154	682	Switzerland.
222	5	59	-------	62	5	72	4	76	8	Turk. in Europe.
36,489	6,070	10,204	8,215	2,155	12,321	2,962	10,709	1,282	13,628	U. Kingdom.[8]
12,884	4,055	4,825	4,588	1,374	7,019	1,772	5,958	901	7,794	England.
5,474	321	1,184	552	98	621	121	594	70	692	Ireland.
16,602	1,589	3,895	2,866	633	4,370	988	3,886	267	4,802	Scotland.
1,439	105	390	215	50	311	81	271	44	340	Wales.
1,737	1,302	859	1,317	508	1,814	566	1,708	318	1,468	Yugoslavia.
829	116	478	137	76	308	105	238	67	330	Other Europe.
4,585	4,792	3,345	4,405	1,931	4,918	2,279	4,858	1,022	5,785	Asia, total.
1,589	3,471	1,150	3,375	750	3,384	880	3,507	365	3,859	China.
837	1,035	653	699	526	813	664	750	193	984	Japan.
110	121	123	111	87	169	101	168	54	190	India.
1,199	81	630	110	439	255	501	210	330	322	Syria, Palestine, and Iraq.
105	19	139	20	43	55	53	51	22	77	Turkey in Asia.
695	65	650	90	86	242	80	172	58	353	Other Asia.
88,104	15,773	30,816	23,943	12,577	45,784	14,567	40,226	10,745	37,068	America, total.
65,254	3,229	22,183	2,895	8,003	2,181	9,564	2,236	6,601	2,190	Canada and Newfoundland.
1,618	869	1,107	854	672	856	834	918	534	788	Central America.
12,703	6,355	3,333	14,442	2,171	37,074	2,147	31,324	2,201	28,902	Mexico.
3,302	1,742	1,695	2,010	702	2,209	880	2,229	521	1,874	South America.
5,225	3,577	2,496	3,742	1,029	3,463	1,142	3,518	888	3,311	West Indies.
2	1	2	-------	-------	1	-------	1	-------	3	Other America.
572	180	417	160	186	221	251	204	90	213	Africa.
1,026	358	616	223	291	235	413	207	173	233	Australia, Tasmania, New Zealand.
25	20	36	16	12	36	18	28	11	21	Pacific Islands, not specified.

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

Source: Commissioner General of Immigration, 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
Armenian	30,960	4,164	26,796	20,559	1,571	18,988	4,291	314	3,977
Bohemian and Moravian (Czech)	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	162,693	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	257,713	48,262	219,451	207,885	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	1,208	54,862
Irish	183,471	19,005	164,466	149,781	12,747	137,034	198,977	7,307	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	56,026	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	13,760	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			
1930		1931		1932						1931		1932	
				Admitted			Departed						
Admitted	Departed	Admitted	Departed	Total	Male	Female	Total	Male	Female	Admitted	Departed	Admitted	Departed
241,700	50,661	97,139	61,882	35,576	13,917	21,659	103,295	66,859	36,436	43,353	89,570	28,008	97,517
1,806	776	884	737	183	66	117	811	383	428	245	815	107	1,014
790	57	519	40	316	81	235	45	35	10	369	51	266	42
653	574	266	792	110	34	76	670	498	178	126	954	86	434
744	846	429	927	184	76	108	954	801	153	243	987	126	854
970	3,404	748	3,333	545	317	228	3,311	3,061	250	639	3,442	213	3,806
1,314	280	668	382	299	91	208	781	659	122	385	736	185	504
2,122	1,274	717	1,363	409	261	148	1,227	830	397	448	1,213	356	1,079
108	119	69	119	51	24	27	238	140	98	32	179	51	195
4,713	998	2,001	1,238	497	235	262	1,433	855	578	658	1,363	389	1,296
51	65	65	95	50	45	5	166	160	6	55	155	9	181
34,960	6,461	12,703	6,582	4,491	1,778	2,713	8,478	4,698	3,780	5,536	7,441	3,404	9,176
556	331	310	694	133	44	89	1,227	784	443	204	1,022	118	1,044
13,771	1,945	4,908	2,040	1,873	644	1,229	2,646	1,438	1,208	2,265	2,387	1,381	2,240
34,415	5,732	13,813	4,379	3,902	1,424	2,478	6,953	3,833	3,120	4,789	5,681	3,271	6,835
3,793	785	2,663	816	1,105	208	897	1,607	1,366	241	1,295	1,290	842	1,587
11,526	299	5,692	319	2,755	1,165	1,590	452	271	181	3,121	400	2,585	452
34,947	1,940	10,814	2,379	1,570	578	992	3,509	2,118	1,391	2,020	3,012	1,302	4,122
2,822	765	1,731	389	1,118	352	766	666	531	135	1,377	563	826	792
20,494	2,206	12,239	2,391	5,697	2,036	3,661	4,705	3,827	878	6,653	3,484	4,747	5,994
796	1,004	626	696	503	351	152	781	572	209	639	737	177	969
27	33	21	28	19	14	5	25	20	5	24	32	4	31
426	194	320	348	171	53	118	420	276	144	231	397	134	418
1,542	668	999	562	441	200	241	808	495	313	618	753	325	665
11,915	6,296	2,627	14,406	1,674	716	958	36,992	22,413	14,579	1,546	31,258	1,723	28,801
-------	7	6	3	-------	-------	-------	6	3	3	1	5	-------	3
4,924	1,924	2,008	2,101	639	219	420	2,375	1,721	654	873	2,192	527	2,181
780	336	626	307	265	120	145	1,105	934	171	470	633	133	2,523
432	429	245	470	112	32	80	668	470	198	173	661	107	540
1,634	472	967	532	448	169	279	970	694	276	546	875	330	598
473	12	158	24	90	28	62	70	47	23	78	66	86	62
8,478	2,775	3,947	3,761	1,206	499	707	5,403	3,530	1,873	1,891	4,546	830	4,781
28,117	2,210	7,618	3,435	1,902	674	1,228	4,724	2,690	2,034	2,434	4,294	1,292	5,261
3,214	758	1,474	576	336	142	194	1,438	1,107	331	548	970	249	1,385
1,189	1,776	734	2,214	621	359	262	3,606	3,148	458	622	2,946	460	3,929
3,237	1,741	1,848	2,023	1,043	542	501	2,097	1,334	763	1,273	2,220	709	1,840
637	81	344	70	284	114	170	164	114	50	312	143	204	191
175	26	75	28	60	19	41	84	73	11	60	66	38	99
2,043	180	650	257	104	49	55	389	255	134	156	352	70	391
600	737	428	852	128	57	71	836	332	504	168	891	77	750
526	155	239	174	242	101	141	449	343	106	221	358	209	462

Source: Commissioner of Immigration, Department of Labor.

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

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

Country	1841–1850	1851–1860	1861–1870 [1]	1871–1880	1881–1890	1891–1900	1901–1910	1911–1920	1921–1930
Grand total	1,713,251	2,598,214	2,314,824	2,812,191	5,246,613	3,687,564	8,795,386	5,735,811	4,107,209
Total Europe	1,597,501	2,452,660	2,065,270	2,272,262	4,737,046	3,558,978	8,136,016	4,376,564	2,477,868
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	30,280	22,533	2,945
Czechoslovakia								3,426	102,194
Denmark	539	3,749	17,694	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	1,104	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	2,058	14,082	16,978	27,508	69,149	89,732	29,994
Switzerland	4,644	25,011	23,236	28,293	81,988	31,179	34,922	23,091	20,676
Turkey in Europe	59	83	129	337	1,562	3,626	79,976	54,677	14,059
United Kingdom	1,047,763	1,338,093	1,042,674	984,914	1,462,839	659,954	865,015	437,589	[4] 550,804
England	32,092	247,126	222,277	437,706	644,680	216,726	388,017	249,944	157,420
Ireland	780,719	914,119	435,778	436,871	655,482	388,416	339,065	146,181	220,591
Scotland	3,712	38,331	38,769	87,564	149,869	44,188	120,469	78,357	159,781
Wales	1,261	6,319	4,313	6,631	12,640	10,557	17,464	13,107	13,612
Not specified	229,979	132,199	341,537	16,142	168	67			
Yugoslavia								1,888	49,064
Other Europe	79	5	8	1,001	682	122	665	8,111	22,983
Total Asia [5]	82	41,456	64,630	123,623	69,380	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 [4]	47	58	141	406	2,179	3,696	15,772	8,055	14,866
Total America [7]	62,469	74,720	166,607	404,044	426,967	38,972	361,888	1,143,671	1,518,718
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	17,150	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	29,160	17,969	790	789	14,063	33,523	1,147	228

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

Source: Reports of the Commissioner General of Immigration, 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	1931	1932	Race or people	1910–1914	1920–1924	1925–1929	1931	1932
Total	100.0	100.0	100.0	100.0	100.0	Irish	3.5	5.4	13.1	11.1	4.4
						Italian (north)	3.4	2.4	.7	1.8	3.1
African (black)	.6	1.6	.3	.9	.5	Italian (south)	18.8	14.5	4.1	12.6	16.0
Armenian	.6	.7	.3	.5	.9	Japanese	.6	1.3	.2	.6	1.4
Bohemian and Moravian (Czech)	.9	.6	.6	.3	.3	Lithuanian	1.9	.2	.1	.3	.5
						Magyar	2.8	1.1	.4	1.0	1.2
Bulgarian, Serbian, Montenegrin	1.2	.5	.2	.4	.5	Mexican	1.6	9.0	15.7	2.7	4.7
						Polish	11.2	2.3	1.2	2.1	1.8
Chinese	.2	.7	.4	.8	1.5	Portuguese	.9	1.5	.3	.0	.7
Croatian and Slovenian	3.1	.9	.3	.7	.8	Rumanian	1.3	.4	.1	.2	.3
						Russian	3.0	.8	.4	1.0	1.3
Cuban	.3	.2	.6	.7	1.2	Ruthenian	2.6	.2	.2	.2	.3
Dalmatian, Bosnian, Herzegovinian	.4	.1	[1]	.1	.1	Scandinavian (Norwegians, Danes, Swedes)	3.9	5.0	6.4	4.1	3.4
Dutch and Flemish	1.3	1.5	1.0	2.1	1.4	Scotch	2.1	5.8	8.2	7.8	5.4
						Slovak	2.6	2.0	.4	1.5	.9
East Indian	.1	[1]	[1]	.1	.1	Spanish	.8	2.2	.3	.8	1.8
English	5.2	10.7	13.0	13.1	12.6	Spanish-American	.1	.5	1.0	1.9	2.9
Finnish	1.1	.6	.2	.3	.4	Syrian	.7	.4	.2	.4	.8
French	1.9	5.3	6.6	5.1	5.3	Turkish	.2	[1]	[1]	.1	.2
German	7.0	8.1	18.4	14.2	11.0	Welsh	.2	.3	.5	.6	.3
Greek	3.7	2.1	.7	2.7	3.1	West Indian (other than Cuban)	.1	.3	.1	.4	.4
Hebrew	9.6	10.3	3.7	5.9	7.7	Other peoples	.3	.2	.1	.3	.7

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

No. 95.—QUOTA AND NONQUOTA IMMIGRANTS ADMITTED: BY COUNTRY OR REGION OF BIRTH, YEAR ENDED JUNE 30, 1932

NOTE.—See headnote Table 96

Country	Quota immigrants	Nonquota immigrants			Country	Quota immigrants	Nonquota immigrants		
		From nonquota countries	Returning residents	Other exempt classes			From nonquota countries	Returning residents	Other exempt classes
All countries	12,963	3,461	67,067	11,546	Europe—Contd.				
					United Kingdom—Con.				
Europe, total	12,022	[1] 120	55,073	10,157	Scotland	723	11	4,269	125
Albania	102		191	143	Wales	59	1	367	17
Austria	187		435	129	Yugoslavia	252		577	277
Belgium	117	1	413	56	Other Europe	128		257	74
Bulgaria	11		39	43					
Czechoslovakia	304		1,080	284	America, total	150	9,331	6,074	183
Denmark	209	1	933	57	Canada and Newfoundland		6,060	1,709	50
Finland	69		731	62					
France	288	2	2,662	180	Mexico		1,698	942	4
Germany	2,036	10	12,932	621	West Indies	127	530	2,667	111
Greece	141		806	605	Central and South America	22	1,043	743	17
Hungary	329	1	475	191					
Irish Free State	452	2	3,472	44	Other America	1		13	1
Italy	2,012	47	7,258	4,552					
Lithuania	181	1	304	111	Asia, total	530	4	5,614	1,032
Netherlands	185		614	41	China	59	1	1,575	274
Norway	260		1,964	114	India	28	1	74	64
Poland	917	2	1,780	851	Japan	11		3,636	247
Portugal [2]	201		1,156	34	Palestine	37	1	63	68
Rumania	318	2	388	243	Syria	137	1	102	120
Russia	528	2	659	317	Turkey in Asia	184		111	218
Spain	191	5	1,334	283	Other Asia	74		53	41
Sweden	290		2,339	69					
Switzerland	132		847	67	Africa	99	2	111	63
Turkey in Europe	33	2	46	50	Australia and New Zealand	169	1	160	108
United Kingdom—					Other countries	13	3	25	3
England	1,213	28	5,980	473					
N. Ireland	104	2	765	44					

[1] Wives and children (born in quota countries) of natives of nonquota countries.
[2] Including Azores, Cape Verde, and Madeira Islands.

Source of Tables 94 and 95: Commissioner General of Immigration, 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 of any nationality subject to the quota law, to 3 per cent of the number of foreign-born persons of such nationality resident in continental United States as determined by the Census of 1910; the population plan of the act of 1924, to 2 per cent according to the Census of 1890. The national origins clause of the latter act, which became effective July 1, 1929, provided that the quota of any nationality should be computed by applying to 150,000 the ratio between the calculated number of inhabitants in continental United States in 1920 owing their origin to the nationality concerned and the total inhabitants in the United States of all nationalities subject to the quota law. (For estimates of white population by countries of origin, calculated as a basis for immigration quotas, see Table 97, Statistical Abstract, 1932.) Under the act of 1924, the minimum quota is 100. Both immigrant and nonimmigrant aliens may appear in quota law statistics, or aliens of both classes may not be counted against quotas at all

Country or region	Under immigration act of 1921		Under immigration act of 1924						
				Admitted			Admitted		
	Annual quota [1]	Admitted, 1922-1924, total [2]	Annual quota, 1925-1929	1925-1929, total	1929	Annual quota 1930 to 1932 [3]	1930	1931	1932
All countries	357,803	937,075	164,667	761,622	146,918	153,831	141,497	54,118	12,983
Europe	356,061	929,670	161,423	749,911	144,187	150,491	137,018	51,153	12,022
Albania	288	856	100	472	85	100	110	81	102
Austria	7,342	19,407	785	4,213	832	1,413	1,417	524	187
Belgium	1,563	4,707	512	2,652	517	1,304	1,118	524	117
Bulgaria	302	898	100	509	108	100	95	52	11
Czechoslovakia	14,357	42,962	3,073	14,668	2,990	2,874	2,898	1,448	304
Danzig, Free City of	301	649	228	1,065	214	100	112	52	6
Denmark	5,619	14,129	2,789	13,114	2,703	1,181	1,144	516	209
Estonia	1,348	1,465	124	612	129	116	112	71	15
Finland	3,921	10,880	471	2,363	477	569	559	300	69
France	5,729	15,106	3,954	17,730	3,632	3,086	2,812	1,226	288
Germany	67,607	135,918	51,227	242,363	48,468	25,957	27,119	10,100	2,066
Greece	3,063	9,804	100	737	166	307	362	308	141
Hungary	5,747	17,420	473	2,445	527	869	864	624	329
Irish Free State [4]			28,567	132,715	19,341	17,853	19,692	6,780	452
Italy	42,057	126,263	3,845	18,383	3,845	5,802	5,610	4,245	2,012
Latvia	1,540	3,053	142	754	174	236	202	138	43
Lithuania	2,629	5,089	344	1,828	368	386	398	305	181
Luxemburg	92	277	100	495	101	100	96	41	7
Netherlands	3,607	9,622	1,648	7,708	1,552	3,153	2,788	1,142	185
Norway	12,202	30,345	6,453	30,335	6,061	2,377	2,546	1,156	250
Poland	30,977	80,836	5,982	29,000	5,651	6,524	6,456	2,841	917
Portugal	2,465	7,416	503	2,449	520	440	433	433	201
Rumania	7,419	22,267	603	3,783	870	295	670	497	318
Russia	24,405	77,718	2,248	10,018	1,844	2,701	2,231	1,537	528
Spain	912	2,712	131	805	170	252	332	203	191
Sweden	20,042	48,675	9,561	44,849	9,176	3,314	3,204	1,247	290
Switzerland	3,752	11,227	2,081	9,683	2,020	1,707	1,605	797	132
Turkey	2,654	6,138	100	431	67	226	65	20	33
United Kingdom [4]	77,342	197,354	34,007	148,660	30,442	65,721	50,275	12,934	2,099
Yugoslavia	6,426	19,496	671	3,081	698	845	782	523	252
Other Europe	353	891	500	[5] 1,991	[5] 510	600	[5] 909	[5] 428	57
Asia	1,261	5,881	1,424	[5] 4,927	[5] 1,186	1,523	[5] 2,150	[5] 1,344	539
Africa	122	439	1,200	[5] 1,667	[5] 361	1,200	[5] 330	[5] 231	99
Australia, New Zealand, and Pacific islands	359	1,085	621	[5] 1,470	[5] 324	600	[5] 284	[5] 246	182
Western Hemisphere				[5] 3,647	[5] 880		[5] 1,717	51,144	150

[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. The change in 1932 was due to a decrease in Russia's quota from 2,784 to 2,701 and new allotments of 100 each for Bessarabia and Hejaz and Nejd.

[4] All Ireland included with United Kingdom prior to 1926; thereafter, Northern Ireland only.

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

Source: Commissioner General of Immigration, Department of Labor.

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

NOTE.—In addition to the 19,426 aliens formally deported in 1932, 10,775 aliens subject to deportation were permitted to leave the country, either without the institution of deportation proceedings or before their conclusion, and 2,637 indigent aliens were returned to their native land at their own request

	1926–1930, total	1931	1932
Total	63,730	18,142	19,426
Destined to Europe	23,613	6,162	6,530
Austria	228	46	55
Belgium	351	86	80
Czechoslovakia	1,054	351	304
Denmark	599	172	135
Finland	518	174	161
France	514	75	70
Germany	2,917	736	596
Great Britain	3,615	898	863
Greece	843	203	364
Hungary	411	113	87
Ireland	1,145	245	236
Italy	3,200	645	996
Netherlands	701	150	115
Norway	928	289	188
Poland	1,220	352	389
Portugal	358	167	277
Rumania	615	354	268
Spain	1,474	283	508
Sweden	735	151	138
Yugoslavia	1,168	451	477
Other Europe	1,019	221	223
Destined to:			
Canada and Newfoundland	12,412	2,305	2,367
Mexico	22,311	8,409	7,116
West Indies	1,325	209	230
Destined to—Contd.			
Other America	1,118	266	302
China	1,142	402	2,379
Japan	442	123	160
Other countries	1,367	266	336
Race or people:			
African (black)	1,142	213	271
Chinese	1,133	398	2,380
Dutch and Flemish	1,149	243	202
English	6,439	1,195	1,243
French	3,141	585	587
German	4,176	1,156	935
Irish	2,856	635	671
Italian	3,569	724	1,055
Japanese	448	126	181
Mexican	21,943	8,335	7,049
Polish	1,223	390	437
Scandinavian	2,687	720	513
Scotch	2,221	535	513
Spanish	1,921	394	599
All others	9,682	2,493	2,810
Causes for deportation:			
Public charges from causes existing prior to entry	4,145	578	492
Mentally, or physically defective at time of entry	960	374	615
Criminal and immoral classes	9,060	2,719	2,804
Miscellaneous causes	49,565	14,471	15,515

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

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

	Year ended June 30—			July to Dec., 1932
	1930	1931	1932	
Total	8,098	16,242	14,144	3,192
Born in:				
Germany	505	1,003	531	154
Great Britain	501	861	680	131
Greece	517	683	423	118
Ireland	223	464	443	67
Italy	510	1,263	1,020	289
Poland	692	2,101	1,956	369
Scandinavia	528	983	595	121
Other Europe	2,117	4,058	3,157	695
Canada	1,059	2,342	3,237	541
Mexico	1,144	1,701	1,391	446
Other countries	302	783	711	231
Entered the United States at:				
New York, N. Y.	2,980	6,741	5,838	1,348
Other Atlantic ports	1,059	2,006	1,498	374
Pacific and Gulf ports	477	825	587	107
Canadian land border	2,412	4,883	4,784	818
Mexican land border	1,170	1,787	1,437	455
Entered:				
By boat	5,427	11,177	9,191	2,177
By railway	1,767	3,582	3,786	692
By automobile	126	170	134	22
By wagon	192	197	141	51
Afoot	586	1,116	892	220
Prior to 1891	313	739	806	24
1891 to 1900	381	1,246	1,306	49
1901 to 1910	1,491	4,096	4,832	897
1911 to 1920	5,282	9,122	6,567	2,021
Jan. 1 to June 2, 1921	631	1,039	543	171
Race or people:				
English	735	1,292	1,532	320
German	514	1,397	932	231
Greek	579	804	488	132
Hebrew	705	1,672	1,337	237
Irish	406	884	998	139
Italian	487	1,160	960	282
Mexican	1,131	1,672	1,360	435
Scandinavian	564	1,050	644	131
All other	2,877	6,311	5,893	1,255
Sex:				
Male	6,794	13,743	11,270	2,561
Female	1,304	2,499	2,874	601

Source of Tables 97 and 98: Commissioner General of Immigration, Department of Labor.

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

Class	1915–1919, average	1920–1924, average	1925–1929, average	1930	1931	1932
Aliens and citizens:						
Arrivals	454,192	963,630	888,385	923,474	720,576	514,133
Departures	416,948	588,089	632,323	734,448	737,302	668,494
Excess of arrivals (+) or departures (−)	+37,244	+375,541	+256,062	+189,026	−16,726	−154,361
Aliens, total:						
Arrivals	322,549	716,990	494,500	446,214	280,679	174,871
Departures	236,172	323,362	246,721	272,425	290,916	287,657
Excess of arrivals (+) or departures (−)	+86,377	+393,628	+247,779	+173,789	−10,237	−112,786
Aliens, immigrant or emigrant:						
Arrivals	234,536	554,920	304,182	241,700	97,139	35,576
Departures	123,645	178,597	77,949	50,661	61,882	103,295
Excess of arrivals (+) or departures (−)	+110,891	+376,323	+226,233	+191,039	+35,257	−67,719
Aliens, nonimmigrant or nonemigrant:						
Arrivals	88,013	162,070	190,318	204,514	183,540	139,295
Departures	112,527	144,765	168,772	221,764	229,034	184,302
Excess of arrivals (+) or departures (−)	−24,514	+17,305	+21,546	−17,250	−45,494	−45,007
Citizens:						
Arrivals	131,643	246,640	393,885	477,260	439,897	339,262
Departures	180,776	264,727	385,602	462,023	446,386	380,837
Excess of arrivals (+) or departures (−)	−49,133	−18,087	+8,283	+15,237	−6,489	−41,575
Citizens permanently departed:						
Naturalized	[1] 4,097	7,097	3,675	1,597	1,417	1,319
Native-born	[1] 44,174	49,117	20,579	19,142	18,576	32,668

[1] Average for 1918 and 1919.

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	1900–1909, average	1910–1914, average	1915–1919, average	1920–1924, average	1925–1929, average	1930	1931	1932
United States, total	1,060,919	1,488,422	454,192	963,630	888,385	923,474	720,576	514,133
United States citizens	166,280	273,262	131,643	246,640	393,885	477,260	439,897	339,262
Immigrants	820,239	1,034,940	234,536	554,920	304,182	241,700	97,139	35,576
Nonimmigrant aliens	73,544	180,220	88,013	162,070	190,318	204,514	183,540	139,295
New York	812,848	1,048,710	193,356	571,942	551,927	618,265	506,098	362,192
United States citizens	128,088	173,578	55,192	161,265	272,872	326,914	317,726	246,946
Immigrants	630,141	759,791	100,970	321,403	153,683	147,982	63,302	21,500
Nonimmigrant aliens	53,719	115,341	37,194	89,274	125,372	141,369	124,980	93,746
Boston	84,942	73,896	13,034	30,329	19,445	44,938	15,863	11,799
United States citizens	12,351	11,498	2,723	4,486	8,223	31,132	8,640	7,711
Immigrants	47,913	52,474	8,801	24,168	7,162	9,483	3,053	660
Nonimmigrant aliens	4,678	9,925	1,510	1,675	4,060	4,323	4,170	3,428
Philadelphia	24,183	54,823	2,385	10,627	815	1 716	2,118	1,089
United States citizens	3,510	3,506	462	1,355	413	1,383	1,809	879
Immigrants	20,203	48,547	1,667	8,597	150	72	71	21
Nonimmigrant aliens	470	2,770	256	675	252	261	236	199
Baltimore	44,707	31,283	914	511	198	335	340	1,347
United States citizens	1,277	1,126	76	132	110	205	249	1,138
Immigrants	42,994	29,395	780	317	50	73	39	58
Nonimmigrant aliens	436	762	58	62	38	57	52	151
New Orleans	[1] 8,422	11,674	11,199	11,052	13,050	13,057	11,326	8,755
United States citizens	[1] 3,925	7,837	6,808	6,474	9,246	9,626	8,632	6,991
Immigrants	[1] 3,288	1,791	1,931	1,407	847	765	549	401
Nonimmigrant aliens	[1] 1,209	2,046	2,460	3,171	2,957	2,666	2,145	1,363
San Francisco	10,729	14,053	19,587	24,738	16,245	17,974	15,677	12,208
United States citizens	3,609	5,389	5,460	6,976	6,791	7,812	7,921	7,271
Immigrants	5,115	4,776	8,442	7,659	2,297	3,344	2,156	1,160
Nonimmigrant aliens	2,005	3,887	5,685	10,103	7,157	6,818	5,600	3,777
Seattle	[1] 4,537	4,827	6,911	8,733	5,583	5,580	4,711	4,205
United States citizens	[1] 667	794	614	1,739	2,332	2,580	2,335	2,233
Immigrants	[1] 3,136	2,208	3,938	4,046	959	716	544	342
Nonimmigrant aliens	[1] 734	1,625	2,359	2,948	2,292	2,284	1,832	1,630

[1] Average, 1906 to 1909.

Source of Tables 99 and 100: Commissioner General of Immigration, Department of Labor.

5. EDUCATION

No. 101.—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
Pupils enrolled in public schools	6,871,522	9,867,505	12,722,581	15,503,110	17,813,852
Per cent of total population	17.82	19.67	20.32	20.51	19.37
Per cent of population 5–17, incl	57.00	65.50	68.61	72.43	73.49
Average daily attendance	4,077,347	5,144,143	8,153,635	10,632,772	12,827,307
Per cent of pupils enrolled	59.3	52.3	64.1	68.6	72.1
Average number of days schools in session	132.2	130.3	134.7	144.3	157.5
Average number of days attended per enrolled pupil	78.4	81.1	86.3	99.0	113.0
Number of teachers	200,515	286,593	363,922	423,062	523,210
Male	77,529	122,795	125,525	126,588	110,481
Female	122,986	163,798	238,397	296,474	412,729
Per cent male teachers	38.7	42.8	34.5	29.9	21.1
Salaries: Teachers, supervisors, and principals (thousands of dollars)	37,795	55,886	91,708	137,495	253,757
Average annual salary per teacher	[3] $189	[3] $195	[3] $252	[3] $325	[3] $485
Total expenditure for education (thousands of dollars)	63,397	78,095	140,507	214,965	426,250
Per capita of total population	$1.64	$1.56	$2.24	$2.84	$4.64
Per capita of population 5–17, inclusive	$5.26	$5.18	$7.58	$10.04	$17.58
Per capita of enrollment	$9.23	$7.91	$11.04	$13.87	$23.93

	1920	1924	1926	1928	1930
Total population	[1] 105,710,620	[4] 113,202,319	[4] 116,531,963	[4] 119,861,607	[1] 122,775,046
Population 5–17 years, inclusive	[1] 27,728,788	[4] 29,415,763	[4] 30,165,515	[4] 30,915,278	[1] 31,571,322
Per cent of total population	26.2	[5] 26.0	[5] 25.9	[5] 25.8	25.7
Pupils enrolled in public schools	21,578,316	24,288,808	24,741,468	25,179,696	25,678,015
Per cent of total population	20.4	[5] 21.5	[5] 21.2	[5] 21.0	20.9
Per cent of population 5–17, incl	77.8	82.6	82.0	81.4	81.3
Average daily attendance	16,150,035	19,132,451	19,855,881	20,608,353	21,264,886
Per cent of pupils enrolled	74.8	78.8	80.3	81.8	82.8
Average number of days schools in session	161.9	168.3	169.3	171.5	172.7
Average number of days attended per enrolled pupil	121.2	132.5	135.9	140.4	143.0
Number of teachers	679,533	761,308	814,169	831,934	854,263
Male	95,666	128,731	138,810	138,193	141,771
Female	583,867	632,577	675,359	693,741	712,492
Per cent male teachers	14.1	16.9	17.0	16.6	16.6
Salaries: Teachers, supervisors, and principals (thousands of dollars)	590,120	949,877	1,061,583	1,164,583	1,250,427
Average annual salary per teacher	[6] $871	[6] $1,227	[6] $1,277	[6] $1,364	[6] $1,420
Total expenditure for education (thousands of dollars)	1,036,151	1,820,744	2,026,308	2,184,337	2,316,790
Per capita of total population	$9.80	[5] $16.08	[5] $17.39	[5] $18.23	$18.87
Per capita of population 5–17, inclusive	$37.37	$61.90	$67.17	$70.67	$73.38
Per capita of enrollment	$48.02	$74.96	$81.90	$86.75	$90.22

[1] Census enumeration as of June 1, 1870 to 1900, Apr. 15, 1910, Jan. 1, 1920, and Apr. 1, 1930.
[2] Excluding the population of Indian Territory which is not included in public school statistics.
[3] Computed from number of teaching positions.
[4] Census estimates for July 1. Figures are revised estimates based on 1920 and 1930 census data.
[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. 102.—ELEMENTARY, COMMERCIAL, SECONDARY, NORMAL SCHOOL, AND COLLEGE ENROLLMENTS: CONTINENTAL UNITED STATES

Schools	1890	1900	1910	1920	1930
Elementary and kindergarten, total	14, 191, 415	16, 224, 784	18, 339, 828	20, 864, 488	23, 534, 023
Kindergartens (public and private)	[1] 31, 227	225, 394	[2] 346, 189	510, 949	777, 899
Public elementary schools (including public kindergartens)	12, 519, 618	14, 983, 859	16, 898, 791	19, 378, 927	21, 278, 593
Private elementary schools (largely estimated)	1, 661, 897	1, 240, 925	1, 441, 037	1, 485, 561	2, 255, 430
Secondary students, total	357, 813	695, 903	1, 111, 393	2, 494, 676	4, 799, 367
Public high schools	*202, 963*	*519, 251*	*915, 001*	[2] 2, 199, 389	[3] 4, 399, 422
Private high schools	94, 931	110, 797	117, 400	[3] 213, 920	[4] 341, 158
Preparatory schools (in colleges and universities)	51, 749	56, 285	66, 042	59, 309	47, 309
Secondary students in normal schools	8, 170	9, 570	12, 890	22, 058	11, 978
College and normal students, total	156, 756	237, 592	355, 315	597, 682	1, 188, 532
Normal schools and teachers colleges (excluding secondary students)	34, 814	69, 593	88, 561	135, 237	264, 257
Colleges, universities, and professional schools (excl. preparatory students)	121, 942	167, 999	266, 654	462, 445	924, 275
Private commercial and business schools	78, 920	91, 549	155, 244	335, 181	179, 758

[1] 1888. [2] 1912. [3] From State reports.

[4] Figure for 1928. Data are as furnished by reporting schools supplemented by reports from the State departments of education and information furnished by the National Catholic Welfare Conference.

Source: Office of Education, Department of the Interior.

No. 103.—PUBLIC HIGH SCHOOLS AND PRIVATE HIGH SCHOOLS AND ACADEMIES: CONTINENTAL UNITED STATES

NOTE.—Data are from reports received from the schools. In 1930, 22,237 public high schools out of a total of approximately 24,000 furnished complete reports. The total enrollment in all high schools as reported by the State departments of education are shown for 1920 and 1930 in Table 102

	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, 637	[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, 993*	*8, 395*	*12, 636*	*27, 631*	*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]	153, 176	346, 684	670, 089	852, 012
Fourth year	[5]	[5]	111, 444	261, 369	546, 528	684, 985
Postgraduate	[5]	[5]	[5]	7, 986	*18, 783*	16, 152
Per cent of total population in public high schools	0. 32	0. 68	1. 00	1. 76	2. 80	3. 38
Number graduated during year, total	21, 382	61, 737	111, 363	230, 902	474, 736	591, 719
Boys	7, 692	22, 575	43, 657	90, 516	210, 916	267, 298
Girls	14, 190	39, 162	67, 706	140, 386	263, 820	324, 421

[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, men, 1,361, women, 5,069; 1928, men, 7,305, women, 24,634; 1930, 9,277 men, 30,755 women.

[5] No data.

No. 103.—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*	*9,863*
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

No. 104.—Normal Schools and Teachers' Colleges (State, County, City, and Private): Continental United States

	1900	1910	1920	1924	1928	1930
ALL NORMAL SCHOOLS AND TEACHERS' COLLEGES						
Number reporting	305	264	369	382	339	331
Instructors, total	4,367	5,914	[1] 9,467	12,517	14,492	14,463
Men	1,856	2,195	[1] 3,512	4,949	5,831	5,995
Women	2,511	3,719	[1] 5,955	7,568	8,661	8,468
Students in all courses, total	[1,3] 116,634	[2] 132,438	162,368	273,107	297,430	270,195
Men	47,906	37,823	29,107	53,351	61,573	60,935
Women	68,778	94,615	133,261	219,756	235,857	218,260
Students in normal courses, total	[3] 69,593	88,561	135,237	245,869	274,348	264,257
Men	24,169	19,746	19,080	42,477	52,054	54,123
Women	45,424	68,815	116,157	203,192	222,294	210,134
Graduates from normal courses during year	11,359	15,430	20,917	40,484	49,627	49,227
Enrollment in model schools	35,397	66,180	91,641	85,585	71,685	90,601
Volumes in libraries	807,963	1,521,528	2,380,073	2,926,023	3,536,032	4,065,076
Receipts, all sources (1,000 dollars)	5,232	14,688	31,275	48,949	70,017	69,984
Total current expenditures (1,000 dollars)			23,232	36,041	51,222	53,241
STATE NORMAL SCHOOLS AND TEACHERS' COLLEGES[4]						
Number	127	151	182	196	206	206
Instructors	2,199	3,340	[1] 7,162	10,153	12,169	12,572
Students in all courses	[2] 60,309	[2] 94,143	140,382	239,226	267,184	256,270
Students in normal courses	41,655	71,447	118,831	219,906	249,533	243,964
TEACHERS' COLLEGES (INCLUDED ABOVE)						
Number			45	88	137	140
Instructors			[1] 2,504	6,022	9,658	10,262
Students in all courses			61,906	151,562	219,119	215,187
Students in normal courses			54,721	140,029	206,799	205,750
CITY AND COUNTY NORMAL SCHOOLS						
Number	30	40	128	110	74	73
Instructors	550	845	1,098	843	850	893
Students in all courses	[2] 7,505	[2] 16,940	12,527	15,689	15,579	12,385
Students in normal courses	4,592	7,773	12,527	15,689	15,579	12,385
PRIVATE NORMAL SCHOOLS						
Number	148	73	59	67	59	52
Instructors	1,618	1,229	1,207	1,521	1,443	998
Students in all courses	[2] 48,675	[2] 21,355	9,459	18,192	14,667	10,540
Students in normal courses	23,304	9,341	3,879	10,074	9,236	7,908

[1] Private teachers' colleges for Utah revised to exclude 44 men and 21 women teachers in secondary schools previously included.
[2] A number of pupils in model schools are included in these data.
[3] Data includes 135 pupils in all courses and 42 for normal courses not distributed by kind of school.
[4] Includes all teachers' colleges.

Source of Tables 103 and 104: Office of Education, Department of the Interior.

No. 105.—UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS: CONTINENTAL UNITED STATES

	1890	1900	1910	1920	1926	1928	1930
PROFESSORS AND INSTRUCTORS							
Total, excluding duplicates	13,565	22,134	33,631	42,882	62,224	67,209	71,722
Men	10,676	18,343	28,477	34,111	48,049	52,263	55,861
Women	2,889	3,791	5,154	8,771	13,575	14,946	15,861
Preparatory departments	2,803	4,078	4,548	4,282	3,917	3,267	2,815
Men		2,572	2,807	2,714	2,189	1,834	1,564
Women		1,506	1,741	1,568	1,728	1,433	1,251
Collegiate departments	6,198	11,219	17,281	28,113	43,326	50,122	54,195
Men		9,014	14,051	21,644	32,605	36,783	39,735
Women		2,205	3,230	6,469	10,721	13,339	14,460
Professional departments	3,995	8,277	13,285	10,915	14,733	14,915	16,214
Men			12,886	10,603	14,152	14,373	15,562
Women			399	312	581	542	652
Other departments				2,221	1,435	116	(1)
Men				982	550	27	(1)
Women				1,239	885	89	(1)
STUDENTS							
Total, excluding duplicates	173,691	224,284	332,698	521,754	822,895	919,381	971,584
Men	119,860	162,899	227,995	334,226	509,732	563,244	604,243
Women	53,831	61,385	104,701	187,528	313,163	356,137	367,341
Preparatory departments	51,749	56,285	66,042	59,309	55,632	50,588	47,309
Men	29,530	34,814	42,616	38,398	33,185	30,206	27,766
Women	22,219	21,471	23,426	20,911	22,447	20,382	19,543
Collegiate departments	65,274	104,098	174,213	341,082	595,458	695,219	753,827
Men	44,650	68,047	113,074	212,405	347,665	402,242	441,985
Women	20,624	36,051	61,139	128,677	247,793	292,977	311,842
Graduate departments	2,382	5,831	9,370	15,612	32,500	44,165	47,255
Men	1,973	4,112	6,504	9,837	20,159	26,540	29,070
Women	409	1,719	2,866	5,775	12,341	17,625	18,185
Professional departments [1]	33,011	58,070	71,257	57,131	98,413	99,424	98,041
Men	32,034	55,926	65,569	53,295	92,591	93,639	92,786
Women	977	2,144	5,688	3,836	5,822	5,785	5,255
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
Students in engineering courses (included above)	1,195	11,415	30,337	51,908	59,315	66,637	74,000
DEGREES CONFERRED							
Baccalaureate	6,853	14,018	22,687	38,552	71,529	83,065	91,623
Men		*9,547*	*15,267*	*23,272*	*41,106*	*45,912*	*51,160*
Women		4,471	7,420	15,280	30,423	37,153	40,463
Professional [2]	8,680	13,392	14,512	8,774	20,096	19,917	19,788
Men				8,272	19,047	18,966	18,846
Women				502	1,049	951	942
Graduate	1,135	1,952	2,541	4,853	11,451	13,834	16,832
Men		1,628	1,939	3,457	7,700	8,976	10,093
Women		324	602	1,396	3,751	4,858	6,139
Ph. D., on examination	126	342	409	532	1,302	1,447	2,024
Men		322	365	439	1,115	1,249	1,692
Women		20	44	93	187	198	332
Volumes in libraries.....thousands	4,521	8,764	14,059	24,191	37,549	40,498	44,369
Total receipts, exclusive of additions to endowment.....*1000 dollars*	[3] *15,615*	[4] *40,554*	*77,873*	*189,235*	*407,460*	*496,529*	*567,619*

[1] Included in collegiate departments.
[2] Includes students in theology, law, medicine, dentistry, pharmacy, osteopathy, and veterinary medicine.
[3] First degrees in theology, law, medicine, dentistry, pharmacy, osteopathy, and veterinary medicine.
[4] Including endowment.

Source: Office of Education, Department of the Interior.

No. 106.—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			
	1900	1910	1920	1930	1900	1930	Total, 1930 (1,000 dollars)	Average annual salary (dollars)		
								1900	1920	1930
Continental U. S.	423,062	523,210	[2] 679,533	854,263	29.9	16.6	1,250,427	325	[2] 871	1,420
New England	32,549	36,723	43,480	52,642	11.0	12.7	89,261	424	1,064	1,636
Maine	6,445	7,457	7,020	6,547	[3] 16.4	12.2	5,830	191	603	942
New Hampshire	2,740	3,040	3,047	3,051	8.9	12.6	3,857	254	759	1,254
Vermont	3,742	3,257	2,902	2,978	13.6	8.6	2,871	176	667	963
Massachusetts	13,575	15,321	[3] 19,085	26,229	8.8	14.7	50,598	602	[2] 1,202	1,875
Rhode Island	1,887	2,371	2,971	4,026	9.5	11.8	6,448	536	1,070	1,437
Connecticut	4,160	5,277	[4] 8,455	9,811	[3] 9.0	9.1	19,647	486	1,124	1,812
Middle Atlantic	71,250	92,657	123,254	165,475	21.7	14.4	341,972	481	1,133	2,103
New York	34,848	45,074	61,703	82,204	14.9	13.0	186,854	552	1,256	2,493
New Jersey	7,012	12,087	17,440	25,555	12.9	12.0	56,489	646	1,282	2,113
Pennsylvania	29,390	35,496	44,111	57,716	32.0	17.4	98,629	381	920	1,620
East North Central	96,934	107,208	128,955	165,886	31.3	19.3	270,910	350	1,010	1,568
Ohio	26,017	27,841	33,751	41,432	40.4	20.0	72,016	340	1,088	1,665
Indiana	15,617	17,267	17,209	21,847	46.2	25.3	34,631	322	964	1,466
Illinois	26,313	29,384	36,599	47,766	26.4	19.0	79,931	440	1,081	1,630
Michigan	15,924	17,987	24,302	34,552	20.3	17.6	54,295	283	911	1,534
Wisconsin	13,063	14,729	17,094	20,289	18.4	15.3	30,037	288	915	1,399
West North Central	85,437	99,138	117,051	122,284	24.9	14.1	141,756	394	797	1,134
Minnesota	10,586	15,157	19,575	22,169	19.4	12.9	28,448	363	882	1,251
Iowa	28,789	27,598	27,660	24,585	17.2	8.7	27,380	195	827	1,094
Missouri	16,201	18,365	21,120	24,200	37.6	18.2	29,895	289	797	1,235
North Dakota	4,083	7,387	8,975	8,856	28.8	16.8	8,201	200	728	900
South Dakota	4,802	6,065	7,853	8,943	24.4	15.0	8,547	196	696	956
Nebraska	9,463	11,099	14,873	14,400	21.8	14.5	16,321	279	765	1,483
Kansas	11,513	13,467	16,989	19,141	32.7	18.1	22,958	276	761	1,159
South Atlantic	48,994	62,187	84,688	112,005	40.7	16.2	109,233	203	560	945
Delaware	831	993	1,134	1,420	25.3	13.7	2,304	336	848	1,570
Maryland	5,116	5,514	6,675	8,745	21.7	14.6	13,090	418	902	1,518
Dist. of Columbia	1,220	1,631	2,096	2,722	13.1	11.9	6,479	684	1,359	2,269
Virginia	8,954	10,443	14,271	16,477	31.5	11.3	14,652	173	546	861
West Virginia	7,067	8,782	11,221	15,837	57.9	28.9	18,454	174	639	1,023
North Carolina	7,387	11,216	16,852	23,375	49.4	16.0	20,762	110	464	873
South Carolina	5,504	6,968	9,699	13,398	[3] 43.5	14.8	10,570	134	464	788
Georgia	10,120	12,625	15,921	19,071	44.0	13.9	13,135	179	426	684
Florida	2,729	4,015	6,819	10,960	36.9	13.5	9,737	203	518	876
East South Central	34,693	40,308	51,145	65,922	44.5	18.6	54,533	173	423	804
Kentucky	10,427	11,100	13,348	15,323	45.5	20.9	14,931	238	[5] 413	896
Tennessee	6,195	10,286	13,277	18,331	[3] 54.0	20.8	15,959	153	494	902
Alabama	6,578	8,758	12,558	17,130	30.1	16.4	13,414	140	484	792
Mississippi	8,493	10,166	11,962	15,138	44.2	16.1	10,179	142	[5] 291	620
West South Central	28,478	46,023	63,832	80,637	50.9	20.3	80,914	229	643	923
Arkansas	6,959	9,522	10,476	12,990	59.7	27.3	8,675	174	477	673
Louisiana	4,157	6,286	8,966	12,173	47.9	14.3	11,488	227	723	941
Oklahoma	2,343	9,473	15,389	19,807	42.8	23.4	26,239	165	768	1,070
Texas	15,019	20,742	29,001	35,667	48.9	18.2	39,512	266	612	924
Mountain	9,596	15,974	30,130	35,336	27.0	18.8	47,583	400	956	1,330
Montana	1,214	2,250	7,215	6,422	16.6	12.8	7,331	479	958	1,215
Idaho	1,060	2,232	3,982	4,500	31.2	23.3	5,617	257	932	1,200
Wyoming	570	1,109	2,232	2,751	15.6	14.8	3,594	316	869	1,239
Colorado	3,597	5,200	7,386	9,744	20.9	17.2	14,163	455	929	1,453
New Mexico	966	1,474	2,752	3,400	[3] 55.2	21.5	4,014	236	803	1,113
Arizona	399	851	1,955	3,273	27.3	16.9	5,458	474	1,279	1,637
Utah	1,466	2,369	3,904	4,452	36.5	29.2	6,102	415	992	1,330
Nevada	324	489	704	794	11.1	14.5	1,204	488	1,163	1,483
Pacific	15,131	22,982	36,998	54,116	23.2	15.8	114,275	506	1,182	1,649
Washington	3,784	7,170	9,877	11,140	28.9	17.0	18,221	362	1,229	1,556
Oregon	3,742	4,453	7,778	6,208	28.4	11.8	11,222	240	870	1,612
California	7,605	11,369	19,343	36,768	17.8	16.1	84,832	709	1,272	2,123
Alaska Territory	------	------	154	154	------	16.2	266	------	1,325	1,728
American Samoa	------	------	------	26	------	84.6	16	------	------	444
Canal Zone	------	------	102	175	------	47.4	282	------	1,324	1,541
Guam	------	------	------	125	------	38.4	46	------	------	315
Hawaii Territory	------	------	1,326	2,241	------	16.9	4,222	------	1,181	1,812
Philippine Islands	------	------	21,254	26,167	------	55.0	------	------	------	------
Puerto Rico	------	------	3,832	4,461	------	26.7	3,871	------	635	848
Virgin Islands	------	------	------	112	------	35.7	67	------	------	572

[1] Includes some superintendents, principals, and supervisors, some States not reporting them separately.
[2] Includes 231 part-time teachers. [3] Estimated. [4] Estimated for 7,525 teaching positions. [5] 1919.

Source: Office of Education, Department of Interior.

No. 107.—ELEMENTARY AND SECONDARY SCHOOLS,

Division and State or outlying area	Population, 5–17 years, inclusive, 1930	Public elementary and secondary schools						
		Pupils enrolled				Ratio of enrolled to total population 5–17 years, inclusive, per cent		
		1900	1910	1920	1930	1910	1920	1930
Continental U. S.	31,571,322	15,503,110	17,813,852	21,578,316	25,678,015	73.5	77.8	81.3
New England	1,964,958	959,920	1,081,148	1,242,221	1,492,320	73.0	72.7	75.9
Maine	195,796	130,918	144,278	137,681	154,455	84.9	76.3	78.9
New Hampshire	109,241	65,688	63,972	64,205	74,240	67.0	64.3	68.0
Vermont	87,563	65,964	66,615	61,785	65,976	80.4	73.4	75.3
Massachusetts	999,696	474,891	535,389	623,586	759,492	71.3	71.3	76.0
Rhode Island	169,885	67,231	80,061	93,501	118,704	63.8	65.4	69.9
Connecticut	402,778	155,228	190,353	261,463	319,453	74.4	80.3	79.3
Middle Atlantic	6,327,984	2,684,029	3,135,731	3,925,080	4,870,924	66.3	72.9	77.0
New York	2,792,866	1,209,574	1,422,969	1,719,841	2,141,479	68.7	72.8	76.7
New Jersey	985,274	322,575	429,797	594,780	792,012	70.6	77.4	80.4
Pennsylvania	2,549,904	1,151,880	1,282,965	1,610,459	1,937,433	67.2	71.5	76.0
East North Central	6,092,323	2,303,006	2,378,038	3,371,428	4,375,526	74.7	75.0	80.0
Ohio	1,599,554	828,160	838,080	1,020,663	1,277,636	74.4	76.6	79.9
Indiana	783,553	564,807	531,459	566,288	667,379	78.7	79.4	85.2
Illinois	1,770,315	958,911	1,002,687	1,127,560	1,395,907	72.3	72.1	78.9
Michigan	1,195,057	504,085	541,501	691,674	970,582	78.3	79.3	81.2
Wisconsin	743,844	445,142	464,311	465,243	564,022	72.6	68.2	75.8
West North Central	3,395,529	2,539,564	2,603,951	2,724,540	2,953,752	84.0	83.7	84.8
Minnesota	667,090	399,207	446,083	503,597	551,741	78.3	81.8	84.0
Iowa	614,740	606,223	610,661	514,521	554,655	87.4	86.1	90.2
Missouri	860,094	719,817	707,031	672,483	656,073	82.2	78.3	76.3
North Dakota	204,010	77,686	139,802	168,283	169,277	80.1	84.6	83.0
South Dakota	195,477	98,822	126,253	146,955	165,624	78.1	82.9	84.7
Nebraska	357,648	288,227	[3] 281,375	311,821	325,216	87.0	90.5	90.9
Kansas	476,464	389,582	398,746	406,880	431,166	89.2	87.9	90.5
South Atlantic	4,680,460	2,182,615	2,573,386	3,282,217	3,755,278	69.6	77.6	80.2
Delaware	57,610	36,895	35,950	38,483	42,360	71.8	73.3	73.5
Maryland	402,562	222,373	238,393	241,618	277,459	70.1	66.9	68.9
Dist. of Columbia	85,104	46,519	55,774	65,298	80,965	84.7	84.3	91.9
Virginia	716,445	370,595	402,109	505,190	562,955	64.2	73.3	78.6
West Virginia	520,236	232,343	276,458	346,256	395,505	78.2	79.8	76.0
North Carolina	1,030,317	400,452	520,404	691,249	886,939	73.4	82.4	84.1
South Carolina	592,047	281,891	340,415	478,045	469,370	67.3	83.9	79.3
Georgia	894,723	482,673	555,794	[6] 690,918	713,290	66.7	[7] 74.0	79.7
Florida	378,446	108,874	148,089	225,160	346,434	68.5	82.6	91.5
East South Central	2,935,749	1,748,578	1,910,364	2,137,794	2,434,538	73.7	77.2	82.9
Kentucky	753,063	500,294	494,863	[5] 535,332	588,354	73.5	[8] 76.2	78.1
Tennessee	752,173	485,354	521,753	619,852	627,747	79.6	87.6	83.5
Alabama	817,365	376,423	424,611	509,940	622,988	62.5	74.1	76.2
Mississippi	613,148	386,507	469,137	[8] 412,670	595,449	80.2	[9] 69.8	97.1
West South Central	3,489,536	1,270,031	1,903,625	2,462,181	2,881,420	69.4	77.7	82.6
Arkansas	560,048	314,662	395,978	483,172	456,185	80.1	85.7	81.5
Louisiana	660,318	198,160	263,617	354,079	434,557	50.8	63.5	71.7
Oklahoma	695,334	99,602	422,399	589,282	682,650	83.1	92.6	98.2
Texas	1,627,836	659,598	821,631	1,035,648	1,308,028	67.3	73.4	80.4
Mountain	1,004,328	341,123	525,118	794,536	898,248	80.7	90.0	89.4
Montana	141,349	39,430	66,141	126,576	120,337	81.7	92.2	85.1
Idaho	127,201	35,669	76,168	115,192	120,947	88.7	94.8	95.1
Wyoming	57,795	14,512	24,584	43,112	54,505	81.6	91.6	94.3
Colorado	260,748	117,555	168,798	220,232	240,482	90.3	95.0	92.2
New Mexico	127,324	36,735	56,304	81,399	102,084	59.3	75.4	80.2
Arizona	117,218	16,504	31,312	76,505	103,806	62.5	88.0	88.6
Utah	153,936	73,042	91,611	117,406	138,946	84.5	87.2	89.8
Nevada	19,007	6,676	[6] 10,200	14,114	18,041	75.9	91.5	94.9
Pacific	1,710,431	474,245	702,491	1,138,319	1,816,009	81.7	97.5	94.5
Washington	357,028	115,104	215,688	291,053	344,731	86.2	94.1	96.6
Oregon	214,179	89,405	118,412	151,028	202,595	80.2	84.1	94.6
California	1,139,224	269,736	368,391	696,238	1,068,683	79.7	([10])	93.8
Alaska Territory	13,973			3,360	3,436		26.8	24.6
Canal Zone	8,729			3,486	7,003		85.4	80.2
Guam	5,186				3,083			71.0
Hawaii Territory	[11] 111,953			41,350	71,657			64.0
Philippine Islands	3,224,104			935,678	1,121,233			34.8
Puerto Rico	530,148			180,458	221,248			41.7
Virgin Islands	5,403				3,061			56.7
American Samoa	2,084				1,952			65.4

[1] Enrollment for 1930 not available. For total for elementary schools, 1930, see Table 102.
[2] Includes kindergarten. [3] Includes secondary pupils in local normal and vocational schools.
[4] 1908–9. [5] Elementary only. [6] Estimated. [7] Approximate.

PUBLIC AND PRIVATE: ENROLLMENT AND ATTENDANCE

Public elementary and secondary schools—Continued							Private and parochial schools			Division and State or outlying area
Number enrolled, 1930		Average daily attendance	Average days attendance per year per pupil enrolled				Number enrolled [1]			
Elementary [2]	Secondary [3]	1930	1900	1910	1920	1930	1010	1920	1928	
21,278,593	4,399,422	21,264,886	99.0	113.0	121.2	143.0	1,558,437	1,899,481	2,576,157	C. U. S.
1,194,413	297,907	1,314,726	132.9	143.6	145.9	160.0	190,925	263,634	351,458	N. E.
124,450	30,005	138,043	105.2	118.5	142.4	160.0	14,137	16,698	26,351	Me.
60,082	14,158	65,906	106.3	128.6	144.3	169.0	14,331	24,200	26,568	N. H.
54,376	11,600	57,975	111.3	125.1	131.6	151.2	[4] 6,000	7,770	8,544	Vt.
594,084	165,408	675,676	145.7	154.2	149.6	163.1	98,404	129,268	201,336	Mass.
101,318	17,386	102,584	136.0	148.8	142.9	151.5	17,781	23,662	32,648	R. I.
250,103	59,350	274,482	135.8	143.5	144.1	157.9	42,215	62,027	66,011	Conn.
4,027,769	843,155	4,190,332	126.9	140.5	145.2	159.3	507,072	401,596	809,322	M. A.
1,716,645	424,834	1,866,243	131.8	149.0	148.8	163.4	267,072	238,478	381,325	N. Y.
672,083	119,929	662,961	119.9	138.9	151.3	157.7	65,000	40,124	127,395	N. J.
1,639,041	298,392	1,661,128	123.6	133.0	139.0	155.4	175,000	122,994	300,602	Pa.
3,896,553	978,973	4,259,502	119.0	130.0	134.9	159.2	405,417	534,830	748,428	E. N. C.
1,911,915	265,721	1,141,324	122.6	131.6	130.7	160.0	97,832	107,828	171,063	Ohio.
523,378	144,001	590,416	115.6	116.8	125.8	155.1	[4] 20,751	26,279	67,899	Ind.
1,094,788	307,119	1,203,537	123.4	133.7	144.9	162.5	[5] 167,929	241,739	270,819	Ill.
808,787	161,705	844,907	115.2	140.0	129.6	161.5	[5] 61,539	82,243	134,324	Mich.
457,085	105,337	473,258	111.4	124.4	138.9	150.3	57,360	76,741	104,323	Wis.
2,284,229	569,523	2,409,542	95.8	114.2	127.4	148.9	132,608	186,183	280,716	W. N. C.
453,128	98,613	456,836	91.8	118.0	125.5	149.1	21,000	45,374	60,033	Minn.
437,426	117,229	495,051	105.5	121.4	137.2	147.4	50,000	31,191	47,371	Iowa.
524,023	132,050	576,417	92.3	107.7	128.6	158.6	40,000	54,326	70,029	Mo.
139,580	29,697	148,614	87.3	94.9	127.4	145.5	1,000	6,288	8,528	N. Dak.
134,286	31,338	138,635	111.0	106.0	112.4	149.4	1,840	4,357	10,558	S. Dak.
256,230	68,986	259,188	102.7	118.9	122.3	139.6	[4] 9,000	23,927	24,847	Nebr.
339,556	91,610	364,801	84.8	119.5	124.8	143.7	[5] 9,768	20,720	39,350	Kans.
3,271,001	484,277	2,989,425	69.0	86.8	98.3	125.3	105,962	118,111	104,782	S. A.
35,351	7,009	36,255	116.6	108.3	129.2	156.6	3,750	5,405	7,189	Del.
235,163	42,206	235,555	110.6	113.7	130.3	158.0	20,000	27,285	43,164	Md.
64,566	16,399	68,312	136.5	145.0	143.8	146.5	6,000	12,057	10,678	D. C.
488,929	74,027	462,567	70.1	90.4	102.2	131.9	23,662	12,914	8,539	Va.
346,691	48,814	350,046	69.0	92.2	102.8	146.6	1,500	4,820	8,336	W. Va.
750,002	116,937	672,895	36.4	64.9	91.8	119.7	[4] 26,200	25,398	9,091	N. C.
416,483	52,887	348,482	63.2	75.4	76.0	109.1	10,650	9,340	3,449	S. C.
632,589	80,701	538,271	69.3	92.5	98.0	111.7	6,000	14,036	7,730	Ga.
301,227	45,207	267,042	69.7	80.9	98.0	119.0	8,200	6,862	6,606	Fla.
2,189,035	245,503	1,824,539	65.8	80.1	84.3	114.7	82,052	69,425	71,024	E. S. C.
525,884	62,470	432,862	72.9	79.6	78.7	121.4	21,295	18,578	37,542	Ky.
558,056	69,691	481,962	67.0	90.6	98.5	125.3	37,124	23,762	6,609	Tenn.
561,934	61,054	473,553	61.9	73.6	79.4	114.0	16,133	18,598	17,826	Ala.
543,161	52,288	436,162	58.8	74.6	76.9	97.7	[4] 7,500	8,487	9,047	Miss.
2,437,000	444,420	2,224,356	67.9	82.2	103.4	118.1	63,777	56,171	98,445	W. S. C.
409,905	46,280	330,825	48.1	68.6	85.2	108.3	5,777	2,986	6,855	Ark.
376,714	57,843	349,594	89.5	93.9	107.7	121.5	34,000	26,647	42,776	La.
578,491	104,159	470,090	61.0	78.8	100.5	119.4	4,000	8,772	6,740	Okla.
1,071,890	236,138	1,073,847	71.9	86.8	112.0	126.4	[4] 10,000	17,766	42,068	Tex.
727,681	170,567	730,013	84.3	100.6	120.3	140.5	34,377	25,539	43,459	Mt.
95,550	24,787	105,327	71.4	115.5	120.7	151.9	6,998	3,735	9,692	Mont.
93,775	27,172	98,479	63.5	91.3	126.9	132.4	1,500	3,000	2,952	Idaho.
43,341	11,164	47,730	73.3	101.5	117.4	141.3	[4] 116	1,051	796	Wyo.
197,265	43,217	190,742	93.4	99.3	114.4	142.8	4,000	3,854	12,719	Colo.
89,497	12,587	76,216	59.0	66.4	120.5	128.5	5,000	4,178	8,296	N. M.
88,547	15,259	75,909	77.1	87.3	98.6	128.1	9,913	3,185	4,196	Ariz.
105,427	32,619	120,573	101.4	124.6	138.5	150.7	6,500	6,218	4,808	Utah.
14,279	3,762	14,977	108.4	106.0	125.8	148.5	350	318	----------	Nev.
1,250,912	365,097	1,342,451	105.1	132.9	124.5	148.7	46,244	43,992	88,523	Pac.
259,303	85,428	278,520	82.8	124.7	128.1	145.0	7,209	8,450	20,703	Wash.
154,908	47,687	155,166	84.0	121.8	137.5	140.1	6,233	6,651	10,599	Oreg.
836,701	231,982	908,765	121.6	142.0	120.2	151.6	32,802	28,491	57,221	Calif.
2,651	785	2,899	----------	----------	132.3	148.7	----------	----------	----------	Alaska.
6,371	632	6,070	----------	----------	114.2	180.0	----------	----------	----------	C. Z.
3,649	34	3,532	----------	----------	----------	194.7	----------	----------	127	Guam.
64,591	7,006	68,510	----------	----------	168.3	161.6	----------	7,573	9,497	Hawaii.
1,050,078	71,155	1,008,904	----------	----------	156.0	172.8	----------	36,334	77,546	P. I.
214,194	7,054	193,396	----------	----------	145.7	167.1	----------	5,823	7,365	P. R.
2,998	63	3,061	----------	----------	----------	----------	----------	----------	1,131	V. I.
1,952	----------	----------	----------	----------	----------	----------	----------	----------	400	A. S.

[3] 1919. [9] Enrollment figures from the Bureau of the Census.
[10] The enrollment in schools was 2.5 per cent larger than the number of persons 5-17 years of age in 1920.
[11] Persons 6-17 years.

Source: Office of Education, Department of the Interior.

No. 108.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: EXPENDITURES

NOTE.—Figures include new buildings as well as operation and equipment expenditures. Expenditures per capita of total population for outlying territories and possessions for 1930 were as follows: Alaska, $7.58; Canal Zone, $9.60; Guam, $2.95; Hawaii, $15.31; Philippine Islands, $1.18; Puerto Rico, $3.43; Virgin Islands, $4.99; American Samoa, $1.72

Division and State	Total expenditures (thousands of dollars)				Per capita of total population (dollars)				Per capita of population 5–17, inclusive (dollars)			
	1900	1910	1920	1930	1900	1910	1920	1930	1900	1910	1920	1930
Continental U. S.	214,965	426,250	1,036,151	2,316,789	2.84	4.64	9.80	18.87	10.04	17.58	37.37	73.38
New England	22,403	34,270	75,796	159,625	4.01	5.23	10.24	19.55	17.75	23.14	44.38	81.24
Maine	1,713	2,934	6,404	11,186	2.47	3.95	8.34	14.03	10.65	17.26	35.49	57.13
New Hampshire	1,052	1,654	3,811	6,919	2.56	3.84	8.60	14.87	11.85	17.31	38.19	63.34
Vermont	1,074	1,609	3,588	5,660	3.13	4.52	10.18	15.74	13.38	19.42	42.62	64.64
Massachusetts	13,826	20,136	40,909	88,891	4.93	5.98	10.62	20.45	22.19	26.80	46.75	86.92
Rhode Island	1,549	2,487	4,766	13,260	3.01	4.59	7.89	19.29	15.30	19.80	33.33	78.05
Connecticut	3,189	5,450	16,318	35,709	3.51	4.91	11.82	22.22	15.31	21.31	50.12	88.66
Middle Atlantic	61,507	108,915	220,446	661,730	3.98	5.64	9.90	25.20	15.85	23.72	40.97	104.57
New York	33,421	51,862	100,045	360,854	4.00	5.69	10.21	28.67	19.22	25.02	44.90	129.21
New Jersey	6,609	17,065	40,010	117,634	3.51	6.72	12.96	29.11	14.04	28.03	53.27	119.39
Pennsylvania	21,477	39,988	73,491	183,242	3.41	5.22	8.43	19.03	12.85	20.94	32.64	71.86
East North Central	52,066	99,833	247,489	536,770	3.28	5.47	11.52	21.22	11.88	22.08	47.93	88.11
Ohio	13,335	25,500	67,427	145,910	3.21	5.35	11.71	21.95	12.13	22.63	50.63	91.22
Indiana	8,183	14,911	35,765	63,330	3.25	5.52	12.20	19.56	11.75	22.10	50.18	80.82
Illinois	17,757	34,036	69,358	154,142	3.08	6.04	10.69	20.20	13.46	24.53	44.32	87.07
Michigan	7,298	14,597	47,084	119,300	3.01	5.20	13.00	24.64	11.15	21.12	54.69	99.83
Wisconsin	5,493	10,789	27,255	54,088	2.65	4.64	10.36	18.40	8.96	16.84	39.93	72.71
West North Central	34,190	65,200	173,088	255,941	3.30	5.80	13.80	19.25	11.20	21.03	53.15	78.05
Minnesota	5,630	13,724	35,734	51,600	3.21	6.60	14.97	20.13	10.94	24.41	58.04	78.53
Iowa	8,497	12,767	37,334	50,737	3.81	5.76	15.53	20.53	13.36	21.85	62.44	82.53
Missouri	7,816	13,067	28,707	55,907	2.52	3.97	8.43	15.40	8.54	15.20	33.41	65.00
North Dakota	1,526	4,550	12,883	16,446	4.78	7.89	19.92	24.16	15.96	28.02	64.81	80.61
South Dakota	1,606	3,825	11,593	15,304	4.00	6.56	18.21	22.00	12.92	23.66	65.43	78.29
Nebraska	4,403	7,454	20,580	27,142	4.13	6.27	15.88	19.70	13.67	23.04	59.75	75.89
Kansas	4,622	9,813	26,257	38,805	3.14	5.81	14.84	20.63	10.58	21.95	56.71	81.44
South Atlantic	12,922	26,763	73,475	184,089	1.24	2.19	5.25	11.66	3.89	7.23	17.37	39.33
Delaware	454	605	1,677	5,090	2.40	3.00	7.52	21.35	9.26	12.09	31.91	88.35
Maryland	2,803	3,792	8,242	24,672	2.30	2.92	5.69	15.12	8.45	11.16	22.81	61.29
Dist. of Col.	1,077	2,680	4,297	12,666	3.86	8.10	9.82	26.02	17.78	40.68	55.45	143.76
Virginia	1,989	4,408	12,975	23,636	1.07	2.15	5.62	9.76	3.39	7.04	18.82	32.99
West Virginia	2,069	4,094	11,402	26,219	2.10	3.36	7.79	16.32	6.80	11.59	26.28	54.24
North Carolina	950	3,038	12,148	37,274	.50	1.38	4.75	11.76	1.51	4.28	14.48	36.18
South Carolina	894	1,952	6,627	15,327	.67	1.29	3.94	8.81	1.93	3.86	11.63	25.89
Georgia	1,980	4,420	9,076	18,677	.89	1.70	3.13	6.42	2.68	5.30	9.72	20.87
Florida	706	1,774	7,031	18,528	1.45	2.36	7.26	12.62	4.68	8.21	25.79	48.96
East South Central	7,097	15,683	32,852	84,827	.94	1.86	3.69	8.56	2.90	6.05	11.86	28.83
Kentucky	3,038	5,649	8,117	22,939	1.41	2.47	3.36	8.77	4.57	8.39	11.56	30.46
Tennessee	1,751	4,403	10,141	22,655	.87	2.02	4.34	8.66	2.71	6.71	14.33	30.12
Alabama	923	2,905	9,119	21,643	.50	1.36	3.88	8.18	1.51	4.28	11.85	26.48
Mississippi	1,385	2,726	[1] 5,475	17,590	.89	1.52	3.06	8.65	2.63	4.66	9.26	28.36
West South Central	7,656	25,955	75,586	146,935	1.25	2.95	7.38	12.07	3.76	9.46	23.85	42.11
Arkansas	1,370	3,187	7,707	14,147	1.04	2.04	4.40	7.63	3.09	6.45	13.67	25.26
Louisiana	1,135	4,252	11,367	21,836	.82	2.57	6.32	10.39	2.52	8.20	20.39	36.01
Oklahoma	686	6,739	22,906	32,802	1.72	4.07	11.29	13.69	5.50	13.25	36.00	47.17
Texas	4,465	11,777	33,606	78,150	1.46	3.02	7.21	13.42	4.38	9.65	23.81	48.01
Mountain	6,334	16,282	57,845	87,029	3.78	6.18	17.34	23.51	14.18	25.02	65.53	86.65
Montana	923	2,634	12,208	13,671	3.79	7.01	22.24	25.43	17.05	32.54	88.88	96.72
Idaho	400	2,175	8,592	10,326	2.47	6.68	19.89	23.20	8.64	25.32	70.68	81.18
Wyoming	254	796	3,742	6,483	2.74	5.46	19.25	28.74	11.47	26.42	70.50	112.17
Colorado	2,794	5,211	13,200	24,499	5.18	6.52	14.05	23.65	20.96	27.87	56.94	93.96
New Mexico	343	793	4,140	6,799	1.76	2.43	11.49	16.06	5.74	8.36	38.33	53.40
Arizona	300	1,001	6,339	10,853	2.44	4.91	18.97	24.92	9.43	19.98	72.91	92.59
Utah	1,095	3,053	8,240	11,643	3.96	8.19	18.34	22.93	12.14	28.16	61.22	75.76
Nevada	225	619	1,384	2,755	5.30	7.57	16.59	30.26	24.92	46.09	89.75	144.95
Pacific	10,879	33,350	79,573	200,044	4.50	7.98	14.29	24.41	18.79	38.78	68.13	116.96
Washington	2,376	10,493	20,595	33,523	4.59	9.21	15.18	21.45	18.13	41.94	66.59	93.91
Oregon	1,594	4,646	9,998	19,573	3.86	6.90	12.76	20.52	14.64	31.46	55.67	91.39
California	6,909	18,211	48,980	146,943	4.65	7.66	14.29	25.88	20.38	39.40	72.12	123.99

[1] Figure for 1919.

Source: Office of Education, Department of the Interior.

No. 109.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: ENROLLMENT OF WHITE AND COLORED SCHOOL POPULATION IN 17 STATES

State	Enrollment in elementary and secondary schools				Ratio of enrollment in public schools to school population, per cent				Average number of days attended by each pupil enrolled, 1930	
	White		Colored		White		Colored			
	1920	1930	1920	1930	1920	1930	1920	1930	White	Colored
Total	**6,038,670**	**6,903,913**	**1,980,673**	**2,235,042**	**0.806**	**0.897**	**0.698**	**0.785**	**117**	**95**
Delaware	31,807	35,629	6,586	6,731	.711	.785	.858	.840	159	143
Maryland	197,088	225,769	44,530	51,690	.663	.752	.694	.738	162	140
District of Columbia	45,775	53,934	19,523	27,031	.826	.984	.883	1.043	147	146
Virginia	360,941	409,310	144,249	153,646	.762	.911	.668	.735	138	115
West Virginia	328,719	369,367	17,537	26,138	.796	.828	.845	.895	147	135
North Carolina	478,189	607,344	213,060	259,595	.833	.972	.805	.817	128	101
South Carolina	226,065	248,200	251,980	221,170	.876	.984	.808	.757	133	83
Georgia	428,960	468,249	261,958	245,041	.812	.976	.647	.710	118	99
Florida	157,866	254,575	67,494	91,859	.883	1.079	.717	.815	125	103
Tennessee	512,821	514,345	107,031	113,402	.891	.825	.810	.825	127	119
Alabama	401,582	428,257	188,358	194,731	.856	.938	.551	.662	122	97
Mississippi	[1] 220,861	302,640	[1] 191,809	292,809	.802	1.218	.608	.933	125	69
Missouri	646,035	619,854	26,448	36,219	.785	.830	.737	.803	[2]	[2]
Arkansas	360,826	351,076	122,346	105,109	.869	.937	.824	.755	114	89
Louisiana	236,301	277,707	117,778	156,850	.700	.731	.536	.693	144	82
Oklahoma	544,821	633,369	44,461	49,281	.925	1.075	.940	1.003	120	109
Texas	860,123	1,104,288	175,525	203,740	.729	.794	.761	.844	131	101

[1] Figures from report of the Bureau of the Census, 1920. [2] Data not available.

No. 110.—PUBLIC HIGH SCHOOLS: TEACHERS AND PUPILS, 1930

NOTE.—Data include seventh and eighth grade pupils in junior high schools. See headnote, Table 103

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	29,013	36,700
Maine	217	1,362	14,592	16,081	Florida	260	2,542	26,395	30,937
N. Hampshire	105	862	9,133	9,814	**E. S. Central**	**2,393**	**11,377**	**126,418**	**150,922**
Vermont	85	545	5,914	6,644	Kentucky	682	3,143	33,517	39,474
Massachusetts	371	8,617	103,389	106,275	Tennessee	588	2,932	34,010	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**	**556,089**	**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	74,309	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
					Texas	1,219	8,891	104,387	115,757
E. N. Central	**4,245**	**47,521**	**563,498**	**586,796**	**Mountain**	**1,018**	**3,553**	**96,921**	**104,089**
Ohio	1,241	13,326	166,207	171,306	Montana	200	1,235	12,812	15,082
Indiana	819	7,791	84,647	86,071	Idaho	172	1,171	13,351	14,820
Illinois	1,000	11,933	146,480	144,921	Wyoming	94	604	5,062	6,944
Michigan	701	9,289	111,356	118,124	Colorado	228	2,651	28,330	30,203
Wisconsin	484	5,182	59,718	66,374	New Mexico	120	616	6,823	7,385
					Arizona	57	729	8,068	8,075
W. N. Central	**4,590**	**28,069**	**307,991**	**350,085**	Utah	113	1,345	18,827	19,240
Minnesota	563	5,208	56,710	69,217	Nevada	34	202	2,428	2,340
Iowa	959	6,494	67,645	75,247	**Pacific**	**1,105**	**19,550**	**229,889**	**231,624**
Missouri	1,002	5,591	66,627	71,478	Washington	346	3,560	46,223	48,866
North Dakota	408	1,356	13,145	17,548	Oregon	284	2,085	26,075	25,461
South Dakota	334	1,603	14,311	18,204	California	475	13,905	157,591	156,297
Nebraska	598	3,281	34,979	39,737					
Kansas	726	5,276	54,568	58,654					
					Alaska	15	57	416	428
S. Atlantic	**2,994**	**21,169**	**236,281**	**287,562**	Canal Zone	2	28	470	447
Delaware	30	370	4,301	4,836	Guam	1	2	22	12
Maryland	195	2,248	26,944	30,677	Hawaii	13	344	4,491	3,780
D. C.	21	956	10,826	12,225	Philippine Is	52	831	24,075	16,017
Virginia	462	2,956	32,756	42,352	Puerto Rico	17	181	1,855	1,983
West Virginia	361	3,011	33,089	37,752	Virgin Islands	3	15	167	166
N. Carolina	883	4,512	52,113	66,597					
S. Carolina	338	1,991	20,254	25,486					

Source of Tables 109 and 110: Office of Education, Department of the Interior.

No. 111.—SCHOOL STATISTICS OF NONCONTIGUOUS TERRITORIES AND POSSESSIONS

	1899–1900 [1]	1909–10	1919–20	1928–29	1929–30	1930–31	1931–32
HAWAII TERRITORY							
Public schools:							
Number	140	152	173	187	181	183	181
Teachers	352	486	1,161	2,485	2,563	2,656	2,686
Male	112	106	143	448	469	491	507
Female	240	380	1,018	2,037	2,094	2,165	2,179
Pupils [2]	11,501	19,909	38,295	70,232	73,180	76,530	78,663
Male	6,339	10,937	20,044	36,148	37,882	39,430	40,944
Female	5,162	8,972	18,251	34,084	35,498	37,100	37,719
Hawaiian	4,977	4,381	3,293	3,376	3,321	3,206	3,095
Part-Hawaiian	2,631	3,842	4,100	7,446	7,679	8,073	8,245
Anglo-Saxon	1,250	1,505	1,033	3,001	2,993	3,210	3,352
Spanish			379	248	258	253	299
Portuguese	3,809	4,662	5,304	6,093	6,091	5,881	5,737
Japanese	1,352	7,078	17,541	37,112	39,115	41,251	42,864
Chinese	1,289	2,855	3,721	6,545	6,706	6,826	6,733
Puerto Rican		372	1,068	1,007	1,163	1,257	1,298
Korean		260	508	1,590	1,719	1,859	1,934
Filipino			941	3,026	3,344	3,607	4,156
All other	229	582	407	608	791	907	1,009
PUERTO RICO							
Population	953,243	[3] 1,118,012	[3] 1,299,809	[4] 1,526,052	[3] 1,544,000	[4] 1,573,700	[4] 1,597,500
Persons of 5–17 years	322,393	[3] 361,967	[3] 438,743	[4] 523,460	[3] 530,148	[4] 541,300	[4] 550,200
Persons attending school	25,528	121,453	184,991	220,634	221,248	226,215	229,169
Teachers	525	1,692	3,286	4,498	4,451	4,523	4,691
Public-school buildings	[5]	274	569	1,047	1,080	1,078	1,096
Rented buildings	[5]	751	1,334	1,191	1,170	914	901
Schoolrooms	525	[6]	3,096	4,602	4,690	4,462	4,477
School expenditures	$288,998	$1,244,502	$3,150,761	$6,433,150	$5,974,936	$6,170,464	$6,377,019
For university			$188,884	$615,708	$587,615	$615,920	$847,319
Expenditures per inhabitant	$0.30	$1.11	$2.42	$4.22	$3.87	$3.92	$3.99
PHILIPPINE ISLANDS							
Schools	2,285	4,531	5,944	7,616	7,821	7,761	7,822
Primary	2,233	4,295	5,280	7,486	7,604	7,636	7,696
Intermediate	17	198	614				
Secondary	35	38	50	130	127	125	125
Teachers	4,641	9,007	17,575	27,566	28,519	28,409	28,402
American	787	732	341	292	263	260	260
Filipino	3,854	8,275	17,234	27,274	28,256	28,209	28,202
Average monthly enrollment	[7] [8] 227,600	[6] [8] 451,938	678,956	1,047,981	1,100,896	1,155,793	1,224,548
ALASKA TERRITORY							
Native schools: [10]							
Number	25	77	67	93	93	105	104
Pupils enrolled	1,753	3,964	3,610	3,750	3,899	4,206	4,386
Average attendance		1,602	2,367	2,643	3,029	3,172	3,332
Teachers	27	103	138	187	195	219	219
Teachers' salaries	$18,341	$85,834	$122,014	$222,370	$229,667	$268,824	$291,631
Total cost	$29,274	$195,613	$249,456	$486,500	$580,400	$614,625	$749,950
White schools: [11]							
Teachers			163	244	253	259	263
Pupils enrolled		[12] 621	3,418	5,032	5,066	5,304	5,395
Average attendance			[13] 1,635	4,098	4,167	4,459	4,601
Expenditures		[12] $36,486	$330,038	$541,772	$594,662	$595,193	$604,887

[1] Statistics for Puerto Rico are for 1898–99; for Philippine Islands, for 1903–4.
[2] Figures by race for 1899–1900 include 4,036 pupils in private schools, and for 1909–10, 5,628; thereafter, all figures are for public schools only. The number of pupils in private schools in 1919–20 was 7,406; 1928–29, 11,075; 1929–30, 11,835; 1930–31, 12,178, and 1931–32, 12,617.
[3] Censuses of 1910, 1920, and 1930, respectively.
[4] Census estimates as of July 1, 1920, 1931, and 1932.
[5] No school buildings 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] Including mixed schools outside of incorporated towns and districts.
[12] Native and mixed schools outside of incorporated towns only.
[13] Mixed and white schools outside of incorporated towns not included.

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

No. 112.—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		
	1920	1930	1920	1930	1920	1930	1910	1920	1930
Cont'l U. S.	24, 191, 204	44, 396, 422	110, 848	243, 297	535, 683	1, 479, 734	259, 377	556, 350	1, 347, 676
New England	5, 831, 211	8, 566, 647	12, 473	25, 573	61, 432	139, 228	62, 876	137, 747	346, 894
Maine	296, 000	405, 645	1, 348	935	2, 945	7, 138	3, 226	3, 679	10, 438
New Hampshire	203, 765	329, 845	353	1, 309	3, 819	8, 788	3, 280	5, 284	16, 153
Vermont	193, 000	232, 178	613	385	2, 448	5, 040	1, 189	2, 581	6, 136
Massachusetts	3, 326, 606	4, 832, 681	6, 585	10, 689	33, 659	67, 098	36, 541	92, 571	211, 230
Rhode Island	295, 200	444, 824	173	465	812	6, 939	3, 467	3, 266	10, 870
Connecticut	1, 516, 640	2, 321, 474	3, 401	11, 790	17, 749	44, 225	15, 173	30, 366	91, 867
Middle Atlantic	4, 726, 388	8, 340, 144	23, 740	40, 573	142, 201	384, 470	59, 009	153, 262	313, 096
New York	2, 327, 391	4, 861, 059	11, 731	21, 932	82, 421	216, 040	45, 301	91, 564	208, 265
New Jersey	613, 526	660, 837	712	3, 219	4, 467	27, 006	1, 553	13, 243	15, 128
Pennsylvania	1, 785, 471	2, 818, 248	11, 297	15, 422	55, 313	141, 424	12, 155	48, 455	88, 703
East North Central	4, 995, 325	9, 450, 155	24, 455	54, 221	98, 599	293, 950	50, 382	88, 071	249, 182
Ohio	1, 410, 005	2, 720, 349	6, 052	13, 164	28, 621	87, 815	13, 762	23, 004	84, 083
Indiana	536, 711	960, 859	3, 668	6, 168	13, 341	34, 826	4, 605	7, 948	20, 577
Illinois	1, 828, 636	3, 300, 050	7, 836	14, 459	33, 382	93, 743	25, 840	46, 943	118, 890
Michigan	661, 646	1, 276, 709	3, 912	13, 919	11, 148	51, 200	3, 157	3, 411	12, 308
Wisconsin	558, 327	1, 202, 188	2, 987	6, 511	11, 607	26, 366	3, 018	6, 765	12, 424
West North Central	2, 705, 079	5, 204, 692	17, 252	40, 256	66, 121	164, 925	22, 906	46, 794	91, 250
Minnesota	507, 788	1, 170, 048	3, 666	7, 804	16, 040	40, 128	2, 827	7, 818	19, 819
Iowa	580, 179	1, 058, 257	4, 808	9, 668	15, 665	32, 255	4, 845	10, 797	14, 340
Missouri	712, 286	1, 344, 795	3, 787	9, 781	14, 015	44, 417	8, 928	17, 152	34, 068
North Dakota	104, 750	167, 623	759	1, 613	2, 041	4, 148	2, 700	3, 788	4, 696
South Dakota	101, 936	205, 220	505	1, 836	2, 485	6, 331	482	968	3, 708
Nebraska	228, 940	505, 403	1, 104	3, 189	6, 053	15, 393	1, 316	2, 449	6, 642
Kansas	469, 200	753, 346	2, 623	6, 367	9, 822	22, 253	1, 808	3, 822	7, 971
South Atlantic	2, 347, 485	4, 280, 015	10, 356	27, 756	73, 119	212, 842	13, 666	34, 562	123, 186
Delaware	27, 000	41, 500	258	1, 065	1, 407	2, 749	83	395	681
Maryland	486, 372	833, 449	2, 566	4, 959	20, 488	45, 516	4, 759	10, 808	31, 218
Dist. of Columbia	431, 992	448, 121	727	1, 447	6, 143	15, 050	387	3, 851	6, 137
Virginia	441, 400	733, 412	1, 671	3, 498	10, 880	31, 383	3, 939	7, 369	23, 253
West Virginia	93, 000	233, 854	[1] 68	1, 970	3, 684	12, 824	435	973	3, 222
North Carolina	262, 498	825, 117	1, 444	5, 057	7, 846	52, 674	1, 237	2, 936	35, 286
South Carolina	231, 469	402, 006	1, 770	3, 760	9, 867	18, 126	930	1, 735	5, 054
Georgia	290, 643	562, 522	1, 438	4, 140	10, 619	27, 657	1, 161	5, 071	15, 497
Florida	83, 111	200, 034	414	1, 860	2, 185	6, 863	735	1, 424	2, 838
East South Central	892, 675	1, 837, 729	4, 213	10, 201	21, 433	66, 552	8, 377	17, 015	57, 249
Kentucky	207, 112	500, 859	947	1, 962	5, 042	14, 225	1, 860	4, 042	17, 100
Tennessee	262, 545	634, 675	1, 345	3, 698	7, 563	27, 761	3, 603	8, 833	29, 949
Alabama	125, 176	268, 137	856	2, 067	4, 997	11, 590	1, 464	2, 489	6, 267
Mississippi	97, 842	234, 058	1, 065	2, 474	3, 831	12, 970	1, 450	1, 651	3, 933
West South Central	768, 149	2, 083, 860	6, 028	16, 979	25, 762	82, 410	7, 691	16, 230	64, 895
Arkansas	81, 343	213, 685	639	1, 494	3, 264	7, 434	[1] 227	770	2, 190
Louisiana	166, 134	336, 305	863	2, 809	5, 159	17, 485	3, 116	6, 488	12, 958
Oklahoma	91, 480	313, 084	943	2, 898	3, 814	12, 049	1, 518	3, 925	4, 989
Texas	429, 192	1, 220, 786	3, 583	9, 778	13, 525	45, 442	2, 830	5, 047	44, 758
Mountain	629, 392	1, 451, 323	3, 537	7, 998	11, 549	36, 978	3, 223	4, 892	16, 964
Montana	74, 500	253, 321	390	959	1, 325	5, 288	1, 209	-------	3, 025
Idaho	56, 700	120, 500	512	652	1, 382	2, 174	577	1, 719	2, 509
Wyoming	46, 000	75, 351	325	511	655	2, 195	23	807	2, 318
Colorado	245, 779	538, 268	910	3, 030	3, 802	14, 658	1, 237	1, 637	5, 836
New Mexico	34, 562	70, 348	349	674	765	2, 706	22	70	736
Arizona	32, 600	90, 700	206	275	1, 123	2, 548	10	10	728
Utah	103, 751	252, 810	623	1, 494	1, 931	5, 883	-------	120	1, 477
Nevada	35, 500	50, 025	222	403	566	1, 526	145	329	335
Pacific	1, 495, 500	3, 381, 857	8, 794	19, 738	35, 467	98, 379	31, 247	57, 977	86, 160
Washington	251, 507	600, 711	1, 402	3, 271	5, 293	13, 515	802	8, 449	9, 988
Oregon	216, 304	477, 101	1, 109	3, 194	4, 830	12, 488	656	4, 244	5, 371
California	1, 027, 689	2, 304, 045	6, 283	13, 273	25, 344	72, 376	29, 789	45, 284	70, 801
Alaska Territory	-------	11, 016	-------	166	-------	232	-------	-------	50
Hawaii Territory	21, 788	50, 194	169	391	275	2, 409	-------	-------	6
Puerto Rico	8, 000	25, 210	102	262	242	716	-------	11	335
Philippine Islands	-------	-------	-------	548	-------	1, 778	-------	-------	-------

[1] Data for University of West Virginia not included.

Source: Office of Education, Department of the Interior.

No. 113.—UNIVERSITIES, COLLEGES, AND

Division and State or outlying area	Number of institutions, 1930	Professors and instructors, 1930		Students—Total enrollment, excluding duplicates					
							1930		
		Male	Female	1900	1910	1920	Total	Male	Female
Continental U. S.	1,078	55,861	15,861	[4] 224,284	[5] 332,396	521,754	971,584	604,243	367,341
New England	59	5,394	915	19,356	25,379	44,657	73,569	52,438	21,131
Maine	5	255	31	1,520	2,012	2,647	3,353	2,474	879
New Hampshire	3	400	23	955	1,566	2,668	4,071	3,576	495
Vermont	4	248	39	676	926	1,643	2,344	1,538	806
Massachusetts	33	3,422	710	12,312	15,726	31,334	52,117	35,542	16,575
Rhode Island	4	238	19	943	1,170	1,738	3,653	2,866	787
Connecticut	10	831	93	2,950	3,979	4,627	8,031	6,442	1,589
Middle Atlantic	140	13,878	2,687	32,321	52,191	105,501	229,846	150,329	79,517
New York	61	7,789	1,093	17,063	29,517	62,579	160,135	93,524	56,611
New Jersey	15	866	116	2,394	3,030	4,235	12,028	10,021	2,007
Pennsylvania	64	5,223	858	13,364	19,644	38,687	67,683	46,784	20,899
East North Central	173	10,928	2,800	41,959	74,474	122,614	213,823	135,558	78,265
Ohio	53	3,177	938	11,794	19,105	31,699	65,411	38,097	27,314
Indiana	25	1,193	315	4,908	12,775	16,820	21,888	15,072	6,816
Illinois	55	3,707	891	15,397	26,191	44,938	75,227	47,738	27,489
Michigan	23	1,715	390	5,737	8,508	14,817	33,315	22,690	10,625
Wisconsin	14	1,136	266	4,123	7,895	14,340	17,982	11,961	6,021
West North Central	187	8,366	2,572	31,767	48,203	80,245	114,384	68,987	45,277
Minnesota	28	1,191	504	4,821	7,481	17,210	24,186	15,127	9,059
Iowa	42	1,382	586	7,437	11,148	18,986	22,016	13,475	8,541
Missouri	49	1,683	553	7,978	10,011	16,319	25,875	16,111	9,764
North Dakota	5	253	82	644	1,419	2,777	4,302	2,654	1,648
South Dakota	10	260	127	1,388	2,187	3,095	4,816	2,807	2,009
Nebraska	18	727	285	3,918	5,532	9,088	14,378	8,240	6,138
Kansas	35	865	435	5,581	10,425	12,770	18,691	10,573	8,118
South Atlantic	168	6,578	2,175	24,545	34,549	59,391	101,377	61,009	40,368
Delaware	1	58	22	137	291	498	711	398	313
Maryland	17	1,485	298	3,284	4,136	9,763	14,036	9,432	4,604
Dist. of Columbia	10	1,207	118	2,872	4,361	9,401	15,415	10,435	4,980
Virginia	30	988	310	4,032	6,140	9,174	14,996	9,958	5,038
West Virginia	15	337	136	996	1,502	3,183	7,228	3,946	3,282
North Carolina	35	861	474	4,659	6,088	8,885	17,273	9,829	7,444
South Carolina	21	516	261	3,662	5,325	5,486	10,647	5,627	5,020
Georgia	33	830	397	4,220	5,597	10,856	15,532	8,738	6,794
Florida	8	296	159	683	1,100	2,145	6,039	3,246	2,793
East South Central	89	2,405	979	20,781	22,685	23,737	46,391	25,886	20,505
Kentucky	28	657	217	5,309	5,353	6,720	11,755	6,807	4,949
Tennessee	30	978	297	8,919	10,205	7,365	15,978	8,701	6,977
Alabama	12	479	214	3,060	2,508	5,456	10,719	6,530	4,189
Mississippi	19	291	251	3,493	4,319	4,196	8,238	3,848	4,390
West South Central	124	3,428	1,638	10,755	17,789	32,111	74,057	40,027	34,030
Arkansas	18	359	179	1,991	2,467	3,141	7,051	3,922	3,129
Louisiana	10	721	214	2,611	3,914	4,102	10,213	6,008	4,205
Oklahoma	21	690	324	851	2,473	6,187	16,147	9,017	7,130
Texas	75	1,658	921	5,302	8,935	18,681	40,646	21,080	19,566
Mountain	39	1,803	572	5,553	8,174	13,643	30,252	18,336	11,916
Montana	5	156	58	345	577	1,727	3,337	2,124	1,213
Idaho	5	167	57	226	634	1,024	3,089	1,706	1,383
Wyoming	1	74	36	187	242	511	1,330	775	555
Colorado	13	601	200	2,471	4,133	4,211	9,152	5,875	3,277
New Mexico	4	127	27	332	455	1,006	2,228	1,549	679
Arizona	3	139	49	161	200	1,088	2,848	1,683	1,165
Utah	7	285	135	1,457	1,599	3,046	7,222	4,025	3,197
Nevada	1	54	10	324	334	430	1,046	599	447
Pacific	94	5,281	1,543	9,022	17,246	39,855	87,505	51,673	35,832
Washington	14	744	264	1,571	4,323	8,748	15,954	9,761	6,193
Oregon	12	782	147	1,604	3,083	7,327	10,125	6,442	3,683
California	68	3,755	1,132	5,847	9,840	23,780	61,426	35,470	25,956
Alaska	1	14	4				86	52	34
Hawaii	1	58	18		64	171	965	545	420
Puerto Rico	1	78	46		652	884	1,779	882	897
Philippine Islands	1	326	57				7,261	4,788	2,473

[1] Includes engineering.
[2] Includes, theology, law, medicine, dentistry, pharmacy, osteopathy, and veterinary medicine.
[3] Students classified as "special."

PROFESSIONAL SCHOOLS: By States

Students, 1930										Total receipts, exclusive of additions to endowments (thousands of dollars)		Division and State or outlying area
Preparatory		Collegiate[1]		Graduate		Professional[2]		All other departments[3]				
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	1920	1930	
27,766	19,543	441,985	311,842	29,070	18,185	92,786	5,255	15,923	14,225	189,235	567,618	C. U. S.
1,659	302	37,776	17,969	3,007	1,706	9,786	340	278	330	23,095	76,208	N. E.
27	16	2,368	842	30	17	43	9	28	11	947	2,774	Me.
128	-------	3,334	447	51	21	49	-------	14	27	1,483	3,519	N. H.
25	-------	1,336	697	28	21	146	10	2	78	965	2,051	Vt.
1,479	286	23,188	14,123	2,104	1,334	8,601	764	192	68	13,645	42,371	Mass.
-------	-------	2,558	637	189	119	96	20	23	11	1,459	2,577	R. I.
-------	-------	4,992	1,223	605	194	826	37	19	135	4,596	22,916	Conn.
4,847	4,122	107,715	67,920	8,986	5,418	25,737	1,249	1,815	1,655	37,381	122,130	M. A.
3,233	3,624	60,218	48,601	6,073	3,646	16,371	810	985	687	20,844	69,199	N. Y.
768	98	6,200	1,749	417	9	2,572	92	64	59	2,146	8,263	N. J.
846	400	35,297	17,480	2,496	1,763	6,794	347	766	909	14,391	44,668	Pa.
4,889	1,841	97,936	66,381	6,034	3,228	20,304	1,127	10,234	6,319	35,199	120,972	E. N. C.
548	213	28,344	22,840	1,681	1,439	4,046	205	3,488	2,618	8,628	34,484	Ohio.
278	172	11,845	5,965	1,013	311	1,775	127	161	241	3,742	15,122	Ind.
2,438	932	32,240	22,821	1,386	549	9,234	576	6,209	3,241	11,736	40,809	Ill.
622	302	17,273	9,583	1,008	392	3,499	164	288	184	6,020	18,841	Mich.
1,003	222	8,234	5,172	946	537	1,750	55	28	35	5,073	11,716	Wis.
6,151	3,045	48,324	38,483	2,920	1,937	10,902	466	779	1,361	28,938	63,963	W. N. C.
2,052	871	9,786	7,662	993	421	2,293	88	3	17	6,842	15,606	Minn.
913	255	9,985	7,254	776	496	1,631	67	170	469	7,333	14,045	Iowa.
1,244	641	9,833	8,308	361	336	4,484	185	200	239	4,437	14,942	Mo.
214	82	2,146	1,414	56	54	228	15	10	83	1,384	2,733	N. Dak.
367	315	2,106	1,637	43	22	162	7	39	28	1,584	2,672	S. Dak.
696	437	5,710	5,115	328	300	1,319	40	187	246	3,162	5,829	Nebr.
665	444	8,668	7,033	363	308	785	64	170	279	4,216	8,136	Kans.
1,888	2,924	45,715	34,781	2,429	1,202	10,173	461	888	1,517	21,855	62,997	S. A.
-------	-------	396	313	2	-------	-------	-------	-------	-------	414	1,316	Del.
68	155	7,128	4,188	536	174	1,682	74	18	13	5,461	10,830	Md.
121	92	5,470	3,926	645	414	8,876	291	381	264	1,486	4,620	D. C.
50	380	7,894	4,421	252	78	1,572	30	90	129	4,289	11,885	Va.
360	435	2,978	2,577	278	169	304	12	26	89	1,072	4,123	W. Va.
281	681	8,435	6,367	435	157	598	17	86	222	2,432	11,742	N. C.
137	184	4,363	4,777	55	91	361	7	111	561	2,850	5,498	S. C.
791	895	6,486	5,095	129	94	1,310	20	42	90	3,102	8,112	Ga.
80	102	2,565	2,517	97	25	370	10	134	149	749	4,871	Fla.
1,959	2,272	19,307	17,359	494	316	3,958	186	363	527	8,511	27,984	E. S. C.
769	787	4,321	3,922	176	150	1,472	40	76	150	2,229	6,335	Ky.
413	713	6,263	5,885	139	75	1,955	132	119	218	2,378	10,020	Tenn.
557	320	5,428	3,707	138	75	321	8	86	79	1,360	6,493	Ala.
220	452	3,295	3,845	41	16	210	6	82	80	2,044	5,136	Miss.
3,055	3,554	31,483	28,243	976	820	4,263	254	483	1,172	12,178	34,888	W. S. C.
893	833	2,734	2,216	20	20	273	7	2	54	1,180	3,230	Ark.
364	449	4,600	3,566	116	121	1,003	45	33	26	1,441	5,463	La.
786	772	7,131	5,833	259	196	676	42	170	287	2,507	7,310	Okla.
1,012	1,500	16,998	16,628	581	483	2,311	160	278	805	7,050	18,885	Tex.
955	532	15,286	10,257	608	474	1,047	80	459	588	7,543	16,330	Mt.
91	43	1,874	1,075	49	38	86	14	24	43	1,143	1,872	Mont.
61	57	1,511	1,202	58	25	26	-------	53	99	943	1,636	Idaho.
87	66	551	412	22	18	76	2	39	57	445	978	Wyo.
198	119	4,778	2,812	169	156	655	51	81	139	1,800	5,136	Colo.
354	-------	1,108	550	28	48	-------	-------	59	81	610	1,772	N. Mex.
45	60	1,414	973	81	85	68	4	72	43	836	1,665	Ariz.
119	187	3,489	2,836	178	59	136	9	116	121	1,347	2,548	Utah.
-------	-------	561	397	23	45	-------	-------	15	5	419	723	Nev.
2,363	951	38,463	30,449	3,616	3,084	6,636	592	624	756	14,534	42,146	Pac.
664	163	8,011	5,597	376	351	672	60	38	22	3,240	6,649	Wash.
275	103	4,976	3,309	179	117	906	78	106	76	2,723	6,349	Oreg.
1,424	685	25,476	21,543	3,061	2,616	5,058	454	480	658	8,571	29,148	Calif.
-------	-------	44	19	-------	-------	-------	-------	8	15	-------	108	Alaska.
-------	-------	513	371	32	49	-------	-------	-------	-------	138	604	Hawaii.
102	133	614	709	4	4	73	21	29	30	213	843	P. R.
313	300	3,549	1,975	-------	-------	926	198	-------	-------	-------	1,324	P. I.

[1] Includes 27,725 students in professional departments of universities and colleges not distributed by States.

[2] Includes 32,006 students in professional courses and in music, art, etc., departments of universities and colleges not distributed by States.

Source: Office of Education, Department of the Interior.

No. 114.—NUMBER OF STUDENTS PURSUING SPECIFIED PROFESSIONAL COURSES, 1929–30

NOTE.—There were also 8 schools reporting 1,497 men and 157 women pursuing courses in osteopathy, which are not shown in the table. Data by States are as follows: California, 1 school with 206 men and 18 women; Illinois, 1 school with 107 men and 9 women; Iowa, 1 school with 202 men and 5 women; Massachusetts, 1 school with 81 men and 6 women; Missouri, 3 schools with 642 men and 91 women; Pennsylvania, 1 school with 259 men and 28 women

Division and State or outlying area	Theology			Law			Medicine			Dentistry			Pharmacy			Veterinary medicine		
	Schools reporting	Men	Women	Schools reporting	Men	Women	Schools reporting	Men	Women	Schools reporting	Men	Women	Schools reporting	Men	Women	Schools reporting	Men	Women
Cont'l U. S.	**159**	**12,074**	**971**	**135**	**39,204**	**2,222**	**73**	**20,943**	**1,021**	**39**	**8,067**	**95**	**65**	**10,124**	**782**	**10**	**877**	**7**
New England	**14**	**1,179**	**157**	**7**	**6,046**	**553**	**6**	**1,559**	**68**	**2**	**398**	**7**	**2**	**603**	**49**			
Maine	1	48	9															
New Hampshire	1	10					1	39										
Vermont							1	146	10									
Massachusetts	9	780	139	6	5,750	542	3	1,179	41	2	398	7	1	407	29			
Rhode Island													1	96	20			
Connecticut	3	335	9	1	296	11	1	195	17									
Middle Atlantic	**33**	**2,682**	**116**	**16**	**12,711**	**565**	**13**	**4,099**	**289**	**6**	**1,892**	**25**	**11**	**3,992**	**224**	**1**	**132**	**2**
New York	14	1,286	95	10	9,250	444	9	2,580	142	3	609	13	6	2,424	114	1	132	2
New Jersey	5	463	12	1	1,751	62							1	358	18			
Pennsylvania	14	933	9	5	1,710	59	4	[1] 1,519	[1] 147	3	1,163	12	4	1,210	92			
East North Central	**44**	**3,524**	**354**	**26**	**7,366**	**307**	**12**	**5,065**	**272**	**8**	**2,063**	**29**	**14**	**2,021**	**156**	**2**	**158**	
Ohio	14	819	32	7	1,231	68	3	789	48	2	412	3	5	672	54	1	123	
Indiana	5	203	50	5	632	40	1	416	24	1	136		4	388	13			
Illinois	10	2,010	267	8	3,112	124	4	2,335	117	3	1,020	10	2	644	49			
Michigan	4	150	5	4	1,847	58	2	920	54	1	312	16	2	229	31	1	35	
Wisconsin	5	330		2	544	17	2	605	29	1	183		1	88	9			
West North Central	**19**	**1,655**	**63**	**17**	**2,927**	**128**	**10**	**2,973**	**90**	**7**	**1,224**	**5**	**9**	**969**	**82**	**2**	**310**	**2**
Minnesota	6	434		4	764	36	1	689	34	1	269	3	1	137	15			
Iowa	3	114	19	2	315	8	1	490	25	1	200	1	1	121	8	1	189	1
Missouri	4	926	2	5	1,147	72	3	898	10	3	558	1	2	313	9			
North Dakota				1	69	2	1	61	2				1	98	11			
South Dakota				1	67		1	38					1	57	7			
Nebraska	4	82	4	2	307	2	2	555	0	2	197		2	178	25			
Kansas	2	99	38	2	253	8	1	242	10				1	65	7	1	121	1
South Atlantic	**21**	**1,211**	**16**	**28**	**4,178**	**305**	**13**	**3,012**	**88**	**5**	**938**	**7**	**9**	**795**	**45**	**1**	**41**	
Maryland	3	212	6	1	138	4	2	657	40	1	346	3	1	320	21			
District of Columbia	3	[2] 212	5	6	2,320	255	3	1,022	16	2	218	3	1	104	12			
Virginia	4	271		5	538	11	2	606	17	1	120		1	128	2			
West Virginia				1	164	6	1	107	3				1	33	3			
North Carolina	3	164	5	3	239	3	2	129	5				1	66	4			
South Carolina	2	38		3	100		1	165	4				2	68	3			
Georgia	6	314		4	358	16	2	336	3	1	243	1	1	18		1	41	
Florida				3	321	10							1	49				
East South Central	**10**	**810**	**84**	**9**	**1,093**	**49**	**6**	**1,294**	**31**	**3**	**330**	**2**	**5**	**397**	**20**	**1**	**34**	
Kentucky	6	604	18	3	315	14	1	343	5	1	121		1	89	3			
Tennessee	4	206	66	4	527	30	3	736	22	2	209	2	2	227	12			
Alabama				1	148	4	1	101	2				1	38	2	1	34	
Mississippi				1	103	1	1	64	2				1	43	3			
West South Central	**8**	**610**	**94**	**10**	**1,391**	**54**	**6**	**1,551**	**54**	**3**	**320**	**7**	**6**	**369**	**45**	**1**	**22**	
Arkansas	1	30		1	35	2	1	160	2				2	48	3			
Louisiana				3	304	11	2	[1] 522	[1] 20	1	103	2	1	74	12			
Oklahoma	2	39	13	1	205	10	1	217	6				1	125	13			
Texas	5	541	81	5	757	31	2	652	26	2	217	5	2	122	17	1	22	
Mountain	**1**	**37**	**1**	**8**	**523**	**29**	**2**	**252**	**14**	**1**	**43**	**1**	**3**	**93**	**34**	**1**	**99**	**1**
Montana				1	47	3							1	39	11			
Idaho				1	26													
Wyoming				1	76	2												
Colorado	1	37	1	3	230	14	1	193	12	1	43	1	1	53	22	1	99	1
Arizona				1	68	4												
Utah				1	76	6	1	59	2				1	1	1			
Pacific	**9**	**808**	**86**	**18**	**2,969**	**262**	**5**	**1,138**	**115**	**4**	**891**	**12**	**6**	**985**	**127**	**1**	**81**	**2**
Washington	1	40		2	349	17							2	202	41	1	81	2
Oregon				3	299	20	1	213	22	1	178	1	2	216	35			
California	8	326	86	11	2,321	195	4	925	93	3	713	11	2	567	51			
Philippine Islands				1	430	12	1	360	17	1	110	14	1	26	155	1	103	
Puerto Rico				1	52	1							1	21	20			

[1] Includes graduate school of medicine.

[2] Includes 34 students in canon law.

Source: Office of Education, Department of Interior.

No. 115.—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, 1930		
	Teachers					Students						
	Number, 1930	1910[1]	1920	1930		1910[1]	1920	1930		Number	Teachers	Students
				Male	Female			Male	Female			
Cont'l U. S.	279	4,814	[2]8,260	5,585	7,880	113,011	152,909	57,805	210,850	52	998	10,540
New England	28	516	668	203	610	6,354	5,496	651	7,875	11	189	1,568
Maine	7	70	84	36	104	1,548	574	227	1,722	------	------	------
New Hampshire	3	21	59	31	60	172	337	127	927	------	------	------
Vermont	1	29	15	------	10	271	280	------	123	------	------	------
Massachusetts	11	262	324	107	278	2,183	2,779	284	3,501	7	138	1,268
Rhode Island	1	50	81	11	20	787	457	13	596	------	------	------
Connecticut	5	84	105	18	138	1,393	569	------	1,006	4	51	300
Middle Atlantic	39	1,291	1,383	657	1,435	30,014	19,789	5,141	28,935	13	284	2,826
New York	16	630	698	316	676	14,400	9,448	1,740	14,609	8	194	2,037
New Jersey	6	174	186	55	174	4,293	1,610	235	3,116	2	56	440
Pennsylvania	17	487	499	286	585	11,321	8,731	3,110	11,200	3	34	352
East North Central	79	817	1,626	1,164	1,708	22,512	37,807	13,068	40,578	6	160	1,213
Ohio	5	113	320	88	123	1,966	6,976	727	3,575	2	41	222
Indiana	4	60	206	174	139	3,297	5,812	2,654	5,439	1	26	167
Illinois	8	191	348	307	411	7,115	8,495	2,975	11,855	5	93	824
Michigan	34	220	431	334	644	6,574	7,478	3,381	12,623	------	------	------
Wisconsin	28	233	521	261	389	3,560	8,846	3,331	7,086	------	------	------
West North Central	32	785	1,564	912	1,213	21,547	31,825	9,423	36,033	7	91	1,157
Minnesota	6	154	204	79	194	4,082	3,969	657	4,700	2	34	325
Iowa	1	88	172	83	121	2,861	4,158	956	4,233	1	11	220
Missouri	9	212	359	294	282	6,160	8,828	3,003	9,952	1	13	271
North Dakota	5	58	214	109	173	981	2,574	1,000	4,366	------	------	------
South Dakota	4	94	197	85	110	1,390	2,581	594	2,519	1	9	94
Nebraska	4	66	172	110	155	2,097	3,652	974	4,097	2	24	247
Kansas	3	113	246	152	178	3,376	6,063	2,230	6,166	------	------	------
South Atlantic	35	594	800	535	859	11,217	13,334	4,787	22,105	3	26	166
Maryland	5	40	87	17	74	622	915	174	1,297	------	------	------
Dist. of Columbia	2	28	31	6	47	347	191	43	569	1	15	136
Virginia	8	181	203	174	202	2,835	4,644	1,169	6,088	------	------	------
West Virginia	7	114	164	155	147	3,208	2,753	2,454	5,549	------	------	------
North Carolina	6	95	125	91	139	1,837	2,100	233	4,868	------	------	------
South Carolina	1	77	49	36	22	1,276	918	246	519	1	4	16
Georgia	6	32	141	56	138	821	1,813	468	2,015	1	7	20
Florida	------	27	------	------	------	271	------	------	------	------	------	------
East South Central	22	171	448	606	590	5,130	10,946	7,342	23,268	2	113	2,297
Kentucky	6	76	124	190	192	2,883	3,164	2,720	6,942	------	------	------
Tennessee	6	------	135	245	161	------	3,880	2,558	7,718	1	4	101
Alabama	7	86	161	112	177	1,825	2,859	1,161	6,101	1	109	2,196
Mississippi	3	9	28	59	60	422	1,043	903	2,507	------	------	------
West South Central	20	270	762	861	698	8,391	21,188	10,711	28,736	------	------	------
Arkansas	2	23	48	47	46	554	1,109	589	1,867	------	------	------
Louisiana	3	61	86	70	94	1,559	1,223	533	2,446	------	------	------
Oklahoma	7	131	295	363	199	4,377	10,361	4,560	10,497	------	------	------
Texas	8	55	333	381	359	1,901	8,475	5,029	13,926	------	------	------
Mountain	11	149	384	265	273	2,888	6,766	2,061	8,174	2	23	460
Montana	2	23	46	24	45	186	567	85	949	------	------	------
Idaho	2	33	68	22	38	458	1,083	173	1,063	------	------	------
Colorado	3	38	129	116	97	1,278	2,348	1,029	3,796	1	5	249
New Mexico	2	29	68	53	36	672	2,057	394	1,191	------	------	------
Arizona	2	26	61	50	57	294	659	380	1,175	------	------	------
Utah	------	------	[3]12	------	------	------	52	------	------	1	18	211
Pacific	13	221	425	382	496	4,968	5,978	4,621	15,156	6	112	860
Washington	3	69	165	68	117	1,286	2,840	860	3,448	2	32	289
Oregon	3	29	28	31	94	472	737	385	2,427	2	55	374
California	7	123	232	283	285	3,200	2,401	3,376	9,281	2	25	197
Hawaii	1	------	54	31	60	------	423	249	1,717	------	------	------
Philippine Islands	------	------	------	------	------	------	------	------	------	1	19	517
	Private teachers' colleges only (included above)											
Illinois	1	------	22	8	56	------	257	30	727	------	------	------
Indiana	2	------	83	32	44	------	2,829	425	1,158	------	------	------
North Carolina	1	------	------	*31*	43	------	------	*55*	*1,537*	------	------	------
Tennessee	1	------	73	125	65	------	1,828	1,005	2,746	------	------	------
Utah	------	------	[3]12	------	------	------	52	------	------	------	------	------
Virginia	1	------	------	74	84	------	------	744	1,217	------	------	------

[1] Owing to a reclassification of schools, figures differ from those in Table 104.
[2] See footnote 1, Table 104.

Source: Office of Education, Department of the Interior.

No. 116.—NURSE TRAINING, COMMERCIAL, SUMMER, AND REFORM SCHOOLS

NOTE.—Summer schools are chiefly those run by universities, colleges, and normal schools

Division and State or outlying area	Nurse-training schools, 1931		Commercial schools, 1929		Summer schools, 1929		Reform schools, 1932	
	Schools	Students	Schools	Students	Schools	Students	Schools	Students
Continental United States	1,844	100,394	651	179,756	618	388,755	146	57,259
New England	205	11,777	63	13,205	27	11,297	16	5,733
Maine	32	903	4	289	6	1,307	2	371
New Hampshire	23	766	4	409	2	512	1	287
Vermont	12	358	1	108	3	1,526	1	347
Massachusetts	102	6,668	29	7,658	15	7,934	7	2,867
Rhode Island	11	1,287	5	737			2	622
Connecticut	25	1,795	19	4,004	1	18	3	1,239
Middle Atlantic	383	24,890	139	44,857	77	61,998	26	15,711
New York	152	11,724	71	25,069	31	39,184	14	8,811
New Jersey	52	3,148	14	2,818	6	1,835	4	1,748
Pennsylvania	159	10,018	54	16,970	40	20,979	8	5,152
East North Central	330	22,144	135	45,113	108	79,558	18	9,729
Ohio	80	5,389	45	15,800	30	19,094	3	1,686
Indiana	32	2,132	18	5,578	19	13,370	2	908
Illinois	134	7,466	38	16,790	30	24,277	7	4,755
Michigan	48	3,676	22	5,149	17	13,134	4	1,620
Wisconsin	36	3,481	12	1,796	12	9,683	2	760
West North Central	251	12,264	76	23,097	103	57,204	15	4,833
Minnesota	59	3,776	10	3,018	11	9,042	3	1,357
Iowa	46	2,240	17	4,283	16	10,186	3	1,071
Missouri	39	2,176	18	8,096	21	13,520	3	964
North Dakota	17	727	5	377	8	3,802	1	260
South Dakota	19	541	3	629	11	2,410	1	213
Nebraska	19	1,212	7	2,013	14	7,423	3	723
Kansas	52	1,592	16	4,681	22	10,821	1	265
South Atlantic	273	10,240	67	11,578	95	44,006	31	9,114
Delaware	6	219	2	856	1	335	3	374
Maryland	28	1,778	4	875	8	2,450	7	2,618
District of Columbia	12	1,183	7	2,046	5	2,174	2	909
Virginia	45	1,661	8	1,572	14	8,315	4	874
West Virginia	40	1,116	9	1,879	16	6,828	2	631
North Carolina	59	1,060	8	1,231	24	10,846	4	1,392
South Carolina	26	710	7	534	7	3,211	3	588
Georgia	39	1,235	10	1,078	16	7,213	3	411
Florida	18	678	12	1,507	4	2,634	3	1,317
East South Central	134	4,244	50	8,789	69	32,408	8	4,802
Kentucky	31	1,071	13	2,277	18	7,975	1	2,051
Tennessee	30	1,361	20	3,663	21	11,048	4	1,519
Alabama	36	1,155	10	2,486	15	9,649	2	805
Mississippi	37	657	7	363	15	3,736	1	427
West South Central	132	5,009	51	11,320	78	54,675	8	2,725
Arkansas	23	503	9	868	11	4,225	1	547
Louisiana	17	1,048	7	2,478	11	6,731	1	310
Oklahoma	22	789	14	3,347	15	15,241	2	576
Texas	70	2,669	21	4,627	11	28,478	4	1,292
Mountain	68	2,851	22	6,940	29	16,358	12	2,045
Montana	16	551	4	1,706	3	988	2	267
Idaho	10	272	3	392	5	816	1	603
Wyoming	6	167	1	75	1	788	2	123
Colorado	20	1,181	10	4,031	9	9,698	2	525
New Mexico	2	61			4	1,503	3	254
Arizona	3	178	1	225	2	869	1	166
Utah	6	441	2	333	4	1,669		
Nevada			1	178	1	27	1	107
Pacific	93	6,975	49	14,857	32	31,251	12	2,567
Washington	27	1,525	12	3,428	8	6,180	4	788
Oregon	13	726	5	2,046	8	3,956	2	266
California	53	4,724	32	9,383	16	21,115	6	1,523
OUTLYING AREAS								
Hawaii Territory			3	1,255	2	1,202		
Philippine Islands	7	393	1	860	2	2,108		
Porto Rico	2	90	4	389	1	793	1	1235

Source: Office of Education, Department of the Interior.

No. 117.—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	95	5,308	11	1,020	57	12,408	118	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	333	1	32	2	589	7	2,696	5	85
Colorado	1	63					1	176					2	123	1	51	1	6
Connecticut	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	85					1	90	2	110		
Nebraska	1	60					1	192	1	16			1	193	2	306	1	
Nevada																		
New Hampshire													1	191	4	204		
New Jersey			5	151	2	78	1	342	3	136			5	340	50	4,296	4	277
New Mexico	1	108					1	99					1	18				
New York	1	145	7	1,760	3	176	5	1,185	6	571	4	554	9	2,181	72	15,527	7	150
North Carolina	2	232					2	472					2	188	2	192		
North Dakota	1	37					1	111					1	156	1	46		
Ohio	1	224	24	937			1	519	15	468	1	102	4	570	43	6,084	2	38
Oklahoma	1	159					2	409	1	17	1	8	1	(1)	2	271		
Oregon	1	43	1	11			1	126	1	38			1	197	3	578		
Pennsylvania			5	260	4	471	2	603	5	198	5	598	4	503	55	11,655	5	292
Rhode Island			1	33			1	101					1	45	5	688	1	4
South Carolina	1	104					1	212	1	95			1	119	2	184		
South Dakota	1	37					1	106					1	64	2	116		
Tennessee	2	250					2	300					1	(1)			1	21
Texas	2	338	1	6			2	685	3	42			2	90	2	150		
Utah	1	29					1	130					1	110				
Vermont							1	50					1	59				
Virginia	2	108	3	65			2	249	2	35			1	93	4	472	2	41
Washington	1	96	3	147			1	135	4	115			1	154	9	2,106		
West Virginia	2	136					2	315	1	16			1	(1)	1	46		
Wisconsin	1	139					1	218	18	348	1	83	2	456	33	1,525	2	225
Wyoming													1	71				

Data not available.

Source: Office of Education, Department of Interior.

No. 118.—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. 119.—VOCATIONAL EDUCATION: TEACHERS AND PUPILS IN FEDERALLY AIDED VOCATIONAL SCHOOLS AND TEACHER-TRAINING COURSES

NOTE.—See headnote, Table 120. Data for 1928, 1930, 1931, and 1932 include Hawaii

Class of school or course	Teachers					Pupils				
	1920	1928	1930	1931	1932[1]	1920	1928	1930	1931	1932[1]
VOCATIONAL SCHOOLS										
Total, all classes	7,669	20,779	24,874	27,151	28,370	265,058	858,456	981,882	1,056,519	1,077,844
Male	4,992	13,058	17,222	18,403	19,145	163,228	492,458	603,514	629,707	618,852
Female	2,677	7,121	7,652	8,688	9,225	101,830	365,998	378,368	426,812	458,992
Evening	2,565	8,065	9,842	11,475	10,980	73,122	247,908	323,154	378,773	379,427
Part time	1,773	4,590	5,408	4,955	5,692	122,974	398,917	407,285	382,539	359,601
All day	3,331	7,824	9,245	10,179	11,226	68,962	203,261	241,486	283,846	328,226
Day-unit course	-------	300	319	542	472	-------	8,310	9,957	11,361	11,190
Agricultural	1,570	5,434	6,849	7,628	8,001	31,301	144,901	188,311	235,163	252,199
Male	1,568	5,425	6,845	7,625	7,996	29,361	139,359	180,490	224,872	242,074
Female	2	9	4	3	5	1,950	5,542	7,821	10,281	10,125
Evening	-------	1,007	1,878	2,147	2,189	-------	35,192	60,462	85,688	87,138
Part time	-------	274	306	369	570	-------	4,458	4,164	6,485	10,792
All day	1,570	3,853	4,346	4,570	4,770	31,301	96,941	113,728	131,619	143,079
Day-unit course	-------	300	319	542	472	-------	8,310	9,957	11,361	11,190
Trade and industrial	4,462	10,536	13,065	13,529	13,920	184,819	537,611	618,604	591,876	560,150
Male	3,408	8,192	10,328	10,791	11,101	133,872	352,643	422,575	404,602	375,808
Female	1,054	2,344	2,737	2,738	2,819	50,947	184,968	196,029	187,274	184,342
Evening	1,779	4,146	5,030	5,715	5,277	48,354	114,629	165,317	168,822	151,042
Part time, total	1,636	4,087	4,981	4,342	4,850	115,241	365,543	381,898	342,513	315,708
Trade extension	350	1,300	1,747	1,457	1,759	17,159	42,531	45,601	47,358	44,476
General continuation	1,286	2,787	3,234	2,885	3,091	98,082	323,012	336,297	295,155	271,232
All day	1,047	2,303	3,054	3,472	3,793	21,224	57,439	71,389	80,541	93,400
Home economics	1,637	4,809	4,960	5,904	6,449	48,938	175,944	174,987	229,490	265,495
Male	16	41	49	47	48	5	456	449	233	970
Female	1,621	4,768	4,911	5,947	6,401	48,933	175,488	174,518	229,257	264,525
Evening	786	2,912	2,934	3,613	3,514	24,768	98,147	97,375	124,263	141,247
Part time	137	229	181	244	272	7,733	28,916	21,223	33,541	32,501
All day	714	1,668	1,845	2,137	2,663	16,437	48,881	56,369	71,686	91,747
TEACHER-TRAINING COURSES										
Total, all classes	1,082	773	[2] 843	[2] 882	[2] 851	12,456	17,572	20,736	22,088	22,463
Male	657	466	[2] 518	[2] 548	[2] 526	6,985	9,498	12,531	14,386	14,561
Female	425	307	325	[2] 334	[2] 325	5,471	8,074	8,205	7,702	7,907
In agriculture	293	162	195	183	200	2,310	2,394	3,325	2,911	3,171
Trade and industry	359	289	334	385	342	6,150	9,380	11,205	13,242	13,045
Home economics	414	324	316	319	220	3,652	5,848	6,206	5,935	6,252
Other and not specified	16	-------	-------	-------	-------	344	-------	-------	-------	-------

[1] Figures are subject to slight corrections. [2] Excluding duplicates.

Source: Federal Board for Vocational Education.

No. 120.—VOCATIONAL EDUCATION: PUPILS ENROLLED IN VOCATIONAL COURSES AND TEACHER TRAINING COURSES, YEAR ENDED JUNE 30, 1932

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

Division and State or Territory	Vocational courses					Vocational teacher-training courses (Federally aided)			
	Federally aided				State aided only				
	Total	Agricultural	Trade and industrial	Home economics		Total	Agricultural	Trade and industrial	Home economics
United States[1]	1,077,844	252,199	560,150	265,495	98,318	22,468	3,171	13,045	6,252
New England	66,158	3,648	43,765	18,745	100	1,499	144	831	524
Maine	2,008	635	494	879	----	83	13	----	70
New Hampshire	682	274	245	163	----	48	4	20	24
Vermont	860	253	361	246	----	24	[2]	17	7
Massachusetts	48,697	1,018	33,580	14,099	100	831	90	492	249
Rhode Island	4,535	949	2,040	1,546	----	327	16	180	131
Connecticut	9,376	519	7,045	1,812	----	186	21	122	43
Middle Atlantic	270,921	10,684	234,342	25,895	30,390	5,255	292	3,972	991
New York	181,673	4,671	167,227	9,775	23,680	2,203	101	1,664	438
New Jersey	29,258	1,198	24,376	3,684	6,181	434	43	301	90
Pennsylvania	59,990	4,815	42,739	12,436	529	2,618	148	2,007	463
East North Central	210,764	45,995	107,412	57,357	15,073	2,570	203	1,837	530
Ohio	41,886	12,071	18,329	11,486	407	[3] 657	63	[3] 515	79
Indiana	18,101	4,288	7,367	6,446	1,362	567	56	314	197
Illinois	37,816	8,441	19,503	9,872	----	585	37	445	103
Michigan	46,093	12,993	23,317	9,783	----	627	41	488	98
Wisconsin	66,868	8,202	38,896	19,770	13,304	134	6	75	53
West North Central	85,180	28,530	26,059	30,591	1,997	2,331	396	1,007	928
Minnesota	15,883	4,502	7,871	3,510	16	509	114	314	81
Iowa	15,706	9,828	2,863	3,015	----	710	40	483	187
Missouri	18,630	5,932	6,298	6,400	----	214	41	122	51
North Dakota	5,126	1,255	855	3,016	----	148	84	[2]	64
South Dakota	2,723	1,499	227	997	1,463	168	19	6	143
Nebraska	14,244	2,760	3,141	8,343	100	407	68	82	257
Kansas	12,868	2,754	4,804	5,310	418	175	30	[4]	145
South Atlantic	129,102	57,907	40,814	30,381	22,783	2,465	332	1,506	627
Delaware	1,561	232	1,242	87	----	54	19	25	10
Maryland	6,871	1,266	3,427	2,178	----	236	23	186	27
Virginia	23,243	10,755	8,776	3,712	3,173	570	37	279	254
West Virginia	5,241	1,361	2,220	1,660	----	641	28	541	72
North Carolina	26,483	13,268	5,952	7,263	393	169	64	7	98
South Carolina	26,048	15,346	5,831	4,871	9,654	343	45	213	85
Georgia	27,081	12,305	7,905	6,871	9,563	367	84	202	81
Florida	12,574	3,374	5,461	3,739	----	85	32	53	----
East South Central	75,910	39,856	16,877	19,177	4,559	2,147	529	979	639
Kentucky	9,938	4,523	3,078	2,337	----	287	132	12	143
Tennessee	26,005	13,639	4,433	7,933	----	324	100	92	132
Alabama	20,167	7,329	7,587	5,251	374	1,236	191	782	263
Mississippi	19,800	14,365	1,779	3,656	4,185	300	106	93	101
West South Central	101,145	40,953	19,770	40,422	18,476	2,825	436	1,582	807
Arkansas	16,384	10,705	795	4,884	----	71	33	----	38
Louisiana	16,837	5,762	4,882	6,193	----	334	108	51	175
Oklahoma	26,910	6,926	7,311	12,673	----	478	54	290	134
Texas	41,014	17,560	6,782	16,672	18,476	1,942	241	[5] 1,241	460
Mountain	42,956	10,525	18,324	14,107	2,318	1,921	822	532	567
Montana	3,261	966	1,016	1,279	----	135	23	62	50
Idaho	3,549	1,578	1,075	896	12	129	49	27	53
Wyoming	4,194	1,223	2,054	917	----	127	51	44	32
Colorado	13,171	2,262	9,107	1,802	1,684	772	259	239	274
New Mexico	2,487	574	418	1,495	----	52	13	34	5
Arizona	8,246	1,371	2,670	4,205	----	58	6	42	10
Utah	7,168	2,305	1,603	3,260	622	502	212	65	225
Nevada	880	246	381	253	----	46	9	19	18
Pacific	89,714	12,771	51,881	25,062	2,622	1,251	114	744	393
Washington	8,850	2,416	4,631	1,803	----	103	9	44	50
Oregon	7,151	2,455	1,777	2,919	----	373	15	197	161
California	73,713	7,900	45,473	20,340	2,622	775	90	503	182
Hawaii	5,025	528	739	3,758	----	241	80	35	126
Puerto Rico	969	802	167	----	----	63	23	20	20

[1] Includes Hawaii and Puerto Rico.
[2] Training in service—no organized classes.
[3] In addition, Ohio reports enrollment of 80 in conference leadership, and 325 in foremanship classes.
[4] Itinerant training done largely by personal conference.
[5] Includes those enrolled in foremen training conferences: 971 men, 29 women.

Source: Federal Board for Vocational Education.

No. 121.—VOCATIONAL EDUCATION: EXPENDITURES UNDER THE VOCATIONAL EDUCATION ACTS, FOR YEARS ENDED JUNE 30

EXPENDITURES FOR ALL SCHOOLS, EXCEPT TEACHER TRAINING

Classification of expenditure	1920	1924	1928	1930	1931	1932[1]
Total	Dollars 6,888,500	Dollars 16,554,034	Dollars 23,350,702	Dollars 27,412,136	Dollars 29,538,445	Dollars 30,767,572
From Federal money	1,745,298	3,819,193	5,791,067	6,361,380	6,917,178	7,365,811
From State money	2,008,306	4,225,512	5,992,020	7,172,501	7,680,080	7,896,883
From local money	3,134,896	8,509,329	11,567,615	13,878,255	14,941,187	15,504,878
Agricultural schools	2,437,285	5,253,913	7,008,914	8,743,382	9,978,629	10,212,810
From Federal money	889,886	1,897,808	2,844,494	3,173,624	3,461,543	3,688,513
From State money	678,824	1,203,487	1,539,662	1,787,246	2,084,543	2,123,443
From local money	868,575	2,152,619	3,224,788	3,782,512	4,432,543	4,400,854
Trade or industrial schools	2,408,919	5,059,789	7,193,998	8,814,566	9,503,605	10,058,107
From Federal money	509,385	1,039,764	1,599,003	1,718,733	1,834,788	1,870,905
From State money	786,568	1,359,944	2,009,178	2,538,657	2,680,804	2,914,280
From local money	1,112,966	2,660,081	3,585,757	4,557,176	4,988,013	5,272,922
Home economics schools	1,054,489	2,744,636	3,721,132	4,382,037	4,751,274	5,129,039
From Federal money	155,768	331,861	492,158	678,226	877,091	1,130,398
From State money	329,634	740,318	1,073,784	1,286,530	1,365,281	1,402,953
From local money	569,087	1,672,457	2,155,190	2,417,281	2,508,902	2,595,688
Part-time general continuation schools	987,807	3,495,695	4,826,658	5,465,513	5,304,937	5,367,616
From Federal money	190,259	549,760	855,382	790,798	743,756	675,995
From State money	213,280	921,763	1,369,396	1,554,377	1,549,452	1,456,207
From local money	584,268	2,024,172	2,601,880	3,120,338	3,011,729	3,235,414

EXPENDITURES FOR TEACHER-TRAINING INSTITUTIONS

Total	1,646,663	2,291,318	2,359,045	2,453,400	2,600,746	2,530,873
From Federal money	731,204	1,013,688	1,030,385	1,042,844	1,061,751	1,049,022
From State money	661,979	949,320	1,030,953	1,066,338	1,174,803	1,135,335
From local money	253,480	328,310	297,708	344,219	364,102	346,515
Training teachers of agriculture	556,580	755,938	811,765	826,444	851,554	801,712
From Federal money	250,835	341,933	352,216	352,636	350,543	333,562
From State money	232,013	313,888	359,091	364,893	384,765	365,796
From local money	73,732	100,117	100,458	108,915	116,246	102,354
Training teachers of trade or industrial subjects	490,655	716,913	743,109	770,802	848,913	855,359
From Federal money	226,765	323,102	337,891	342,345	358,036	364,573
From State money	210,109	320,025	340,499	348,343	396,894	396,369
From local money	53,691	73,186	65,719	80,114	93,983	94,417
Training teachers of home economics	599,428	818,467	804,171	856,155	900,278	873,801
From Federal money	253,604	348,653	340,278	347,863	353,172	350,887
From State money	219,767	314,807	322,363	353,102	393,234	373,170
From local money	126,057	155,007	141,531	155,190	153,872	149,744

TOTAL EXPENDITURES FROM FEDERAL MONEY, BY STATES

State	1920	1930	1932[1]	State	1920	1930	1932[1]
Total	Dollars 2,476,503	Dollars 7,404,223	Dollars 8,414,834		Dollars	Dollars	Dollars
				Nevada	13,849	24,993	24,846
				New Hampshire	10,913	28,107	31,363
Alabama	54,672	170,491	214,881	New Jersey	63,546	208,848	226,682
Arizona	18,146	34,310	42,815	New Mexico	19,144	35,339	42,890
Arkansas	43,615	133,793	161,804	New York	191,061	680,031	717,999
California	70,477	236,129	334,501	North Carolina	45,185	192,201	249,568
Colorado	23,001	68,038	71,447	North Dakota	20,211	57,605	64,853
Connecticut	39,028	78,486	92,513	Ohio	131,378	399,615	425,597
Delaware	17,612	27,377	31,922	Oklahoma	39,361	150,829	190,277
Florida	24,187	67,611	99,881	Oregon	24,671	58,381	69,241
Georgia	60,412	216,311	237,898	Pennsylvania	196,504	567,658	599,746
Idaho	20,181	38,975	45,061	Rhode Island	20,728	50,210	45,249
Illinois	159,998	424,459	455,757	South Carolina	44,252	126,656	148,135
Indiana	74,206	208,760	225,512	South Dakota	10,872	44,212	53,013
Iowa	54,940	173,097	188,808	Tennessee	45,477	175,453	210,187
Kansas	35,506	108,912	114,924	Texas	90,740	339,279	419,126
Kentucky	51,413	165,889	199,894	Utah	19,962	37,718	41,319
Louisiana	43,390	128,456	152,180	Vermont	17,002	35,827	39,061
Maine	19,672	44,470	52,462	Virginia	62,751	171,237	191,422
Maryland	25,664	85,394	99,443	Washington	34,947	95,874	105,925
Massachusetts	100,881	241,466	225,391	West Virginia	28,509	91,180	107,222
Michigan	82,749	254,335	300,062	Wisconsin	60,966	188,283	210,124
Minnesota	65,322	173,166	188,940	Wyoming	13,383	28,487	31,464
Mississippi	49,393	138,074	180,984				
Missouri	74,626	240,648	260,995	Hawaii		30,689	36,767
Montana	18,990	39,999	48,678	Puerto Rico			13,876
Nebraska	33,292	88,866	103,621				

[1] Figures are subject to slight corrections.

Source: Federal Board for Vocational Education.

No. 122.—VOCATIONAL REHABILITATION OF PERSONS DISABLED IN INDUSTRY OR OTHERWISE: YEARS ENDED JUNE 30

NOTE.—By the civilian vocational rehabilitation act of June 2, 1920, Congress set up a program of cooperation with the States for the vocational rehabilitation of persons disabled in industry or otherwise. By the end of the fiscal year 1932 all but 4 States had accepted the provisions and begun cooperation with the Federal Government. The figures shown relate only to cases aided by Federal funds. The total expenditure in 1932 (fiscal year) comprised: Federal funds, $986,148; State and private funds, $1,179,666.

State	Number rehabilitated						Live cases on roll June 30					
	1922	1924	1928	1930	1931	1932	1922	1924	1928	1930	1931	1932[1]
Total	1,890	5,594	5,012	4,612	5,130	5,550	8,147	13,044	16,393	[2] 20,394	23,710	[3] 27,403
Alabama	11	113	129	170	223	212	152	383	1,124	1,082	1,259	1,321
Arizona	------	10	41	30	14	23	------	17	40	55	86	106
Arkansas	------	3	26	45	47	58	------	6	320	431	508	611
California	32	275	207	257	255	241	500	424	738	606	733	1,125
Colorado	------	------	7	9	21	23	------	------	44	86	125	161
Connecticut	------	------	------	------	10	23	------	------	------	------	128	148
Florida	------	------	------	22	30	32	------	------	204	351	442	470
Georgia	16	65	86	114	126	167	118	267	403	454	572	605
Idaho	4	35	26	15	21	25	81	75	68	102	114	125
Illinois	7	319	469	283	529	723	144	859	600	[2] 810	783	775
Indiana	61	123	99	140	133	80	321	261	511	628	667	801
Iowa	8	101	61	71	67	67	72	741	293	200	239	273
Kentucky	------	268	60	146	169	193	------	48	422	608	727	734
Louisiana	31	13	71	35	65	71	43	56	191	271	318	782
Maine	12	15	11	23	21	22	71	74	156	139	133	146
Maryland	------	------	------	5	18	41	------	------	------	74	178	204
Massachusetts	4	90	129	132	134	109	170	209	287	361	466	575
Michigan	34	286	305	283	308	401	398	746	801	876	1,246	1,711
Minnesota	119	210	157	149	186	214	432	420	334	400	472	551
Mississippi	27	177	142	139	113	140	554	744	679	809	905	937
Missouri	50	69	------	------	8	29	146	129	[4]	[4]	24	55
Montana	9	36	15	18	18	16	127	174	74	97	105	141
Nebraska	1	61	46	53	50	45	106	139	139	144	147	153
Nevada	11	8	7	10	11	7	19	37	22	12	23	65
New Hampshire	------	------	------	------	------	9	------	------	------	------	91	225
New Jersey	181	942	594	243	267	303	189	131	717	1,087	1,121	1,248
New Mexico	3	4	10	14	18	28	40	40	62	73	86	63
New York	267	575	509	540	550	505	1,234	2,402	1,498	1,821	2,652	2,581
North Carolina	18	112	102	72	97	124	153	654	721	722	808	755
North Dakota	------	7	25	34	31	31	------	26	97	151	110	112
Ohio	258	615	555	471	404	430	832	988	652	971	1,091	1,045
Oklahoma	------	------	59	110	181	187	------	------	1,184	1,547	1,329	1,415
Oregon	------	26	41	18	34	36	------	70	76	54	46	61
Pennsylvania	406	415	435	398	346	232	888	800	1,302	1,719	1,458	1,760
Rhode Island	4	4	8	9	12	9	11	22	31	53	61	76
South Carolina	------	------	1	11	24	33	------	------	69	374	61	343
South Dakota	5	17	14	12	15	20	92	154	114	69	77	94
Tennessee	26	51	166	124	147	86	247	387	729	677	1,344	1,046
Texas	------	------	------	12	54	132	------	------	------	144	431	995
Utah	1	33	34	35	42	40	66	60	73	102	137	118
Virginia	35	120	75	38	53	77	78	119	314	800	595	993
West Virginia	109	146	114	103	76	66	347	615	249	289	230	210
Wisconsin	138	235	174	193	161	180	487	754	899	1,006	1,260	1,493
Wyoming	2	15	2	28	50	60	23	13	158	139	125	195

[1] Figures are subject to slight corrections.
[2] Includes 96 applications pending.
[3] The status of these cases on June 30, 1932, was as follows: Surveyed, rehabilitation plan not made, 8,161; rehabilitation plan made, 4,740; in process of preparation for employment, 10,486; awaiting employment, 3,327; in employment, being followed up, 689.
[4] Live roll not reported. Closed, lack of State appropriation, 1925 to 1930.

Source: Federal Board for Vocational Education.

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. 123.—ACREAGE OF ENTRIES AND PATENTS OF PUBLIC LAND

Class	1931 [1]			1932 [1]		
	Original entries	Perfected entries	Patented [2]	Original entries	Perfected entries	Patented [2]
Total	5,051,294	1,466,730	1,938,864	4,415,663	1,274,531	1,897,978
Homesteads	4,757,384	1,352,861	1,427,498	3,914,242	1,209,894	1,441,171
Section 2289, Revised Statutes [3]	331,481	123,555	151,010	258,427	93,480	132,607
June 17, 1902 (reclamation)	4,981	15,640	24,046	9,528	14,756	18,593
Apr. 28, 1904 (Kinkaid)	1,913	1,567	960	1,095	1,772	1,252
June 11, 1906 (forest)	7,113	8,693	9,738	5,201	7,282	11,862
Feb. 19, 1909 (enlarged)	336,753	169,911	189,921	198,926	122,812	177,214
June 9, 1916 (O. & C. land grant)	20,712	7,484		20,420	6,677	
Dec. 29, 1916 (stock raising)	4,054,431	1,026,011	1,051,593	3,420,644	963,115	1,099,643
Indian			230			
Timber and stone		5,805	11,762		3,919	4,504
Coal land						
Desert land	32,525	32,440	33,833	15,306	17,231	23,542
Mineral land		20,669	42,352		9,364	39,681
Public auction		33,908	37,577		20,658	47,636
State selection	84,684			412,084		
Railroad selection	27,998		110,910	60,844		62,653
Miscellaneous	148,703	21,047	274,032	13,187	13,465	278,790

[1] Year ended June 30. [2] Includes Indian lands. [3] Original act.

No. 124.—ORIGINAL ENTRIES OF PUBLIC AND INDIAN LAND: ACREAGE UNDER ALL ACTS, YEARS ENDED JUNE 30

Item and State	1911–1915, total	1916–1920, total	1921–1925, total	1926–1930, total	1930	1931	1932
Total	83,037,850	73,192,850	40,818,290	20,611,977	5,434,550	5,218,627	4,551,774
Public land	78,698,382	68,663,307	39,508,619	19,915,866	5,234,258	5,051,294	4,415,663
Indian land	4,338,968	4,529,453	1,110,670	696,111	200,292	167,333	136,111
All homesteads	60,553,270	61,312,782	36,188,601	19,072,070	4,920,842	4,924,046	4,049,854
Stock-raising homesteads		[1] 14,024,083	26,752,562	15,357,627	4,125,120	4,201,766	3,543,582
Other entries	16,484,080	11,880,068	4,430,089	1,539,907	513,708	294,581	501,920
Alabama	261,020	80,228	34,320	[2] 9,770			
Alaska	46,000	99,153	51,332	34,552	8,687	6,730	10,989
Arizona	2,983,329	6,894,608	3,466,675	1,907,087	602,875	547,561	679,632
Arkansas	966,135	612,068	215,396	125,143	20,014	17,617	15,241
California	4,754,715	3,117,582	2,021,522	1,796,051	397,868	299,671	265,423
Colorado	9,183,877	10,108,447	5,084,809	2,071,887	520,705	463,538	373,900
Florida	561,440	188,097	171,867	88,010	5,851	4,486	2,463
Idaho	5,173,996	3,971,195	2,082,582	971,117	198,162	219,325	163,629
Kansas	373,343	436,717	46,015				
Louisiana	92,634	67,005	21,702	[2] 5,732			
Michigan	79,931	41,020	21,804				
Minnesota	1,450,501	733,983	192,433	55,817	6,103	6,625	4,701
Mississippi	120,674	93,203	22,758				
Missouri	51,108	4,789	160				
Montana	22,638,090	14,785,405	4,903,929	2,071,313	523,313	417,940	359,661
Nebraska	5,307,451	494,289	128,302	63,267	9,941	8,706	4,964
Nevada	1,231,945	905,132	465,749	356,179	78,044	32,044	28,580
New Mexico	9,389,348	9,381,322	7,140,706	4,109,018	1,361,529	1,505,688	1,248,097
North Dakota	2,286,245	987,821	136,312	64,761	13,596	19,714	20,888
Oklahoma	412,645	192,220	87,242	[2] 25,871			
Oregon	3,598,122	2,688,515	2,140,987	808,332	142,442	241,360	117,025
South Dakota	3,577,067	4,158,533	1,389,637	327,119	67,903	59,058	59,878
Utah	2,069,805	1,698,720	1,633,787	1,388,576	253,012	229,918	174,133
Washington	1,840,663	1,229,018	842,992	173,686	89,397	24,978	16,517
Wisconsin	63,916	21,033	10,712				
Wyoming	4,023,211	10,182,685	7,704,901	4,121,200	1,123,678	1,103,566	994,781
General Land Office	40		[3] 660	37,483	13,430	10,102	11,252

[1] 1918–1920 only. [2] 1926 and 1927 only. [3] Includes entries made at discontinued offices.

Source of Tables 123 and 124: General Land Office, Department of the Interior.

No. 125.—HOMESTEADS: Acreage of Entries of Public Land, Years Ended June 30

Item and State	All homesteads							Stock raising only, 1932
	1911–1915, total	1916–1920, total	1921–1925, total	1926–1930, total	1930	1931	1932	
Original entries, total	62, 214, 302	56, 783, 329	35, 079, 617	18, 380, 143	4, 723, 172	4, 757, 384	3, 914, 242	3, 420, 644
Alabama	249, 902	79, 409	34, 139	[1] 9, 770				
Alaska	25, 342	115, 138	51, 012	33, 549	8, 687	6, 570	10, 980	
Arizona	1, 660, 665	1, 153, 864	1, 452, 551	[2] 1, 727, 157	572, 807	442, 799	301, 628	232, 821
Arkansas	949, 384	612, 668	215, 172	125, 002	19, 873	17, 468	15, 174	
California	2, 192, 577	2, 477, 967	2, 201, 327	1, 608, 383	358, 129	278, 748	256, 451	146, 018
Colorado	7, 740, 338	9, 166, 561	4, 368, 182	1, 528, 449	355, 373	319, 938	254, 295	223, 881
Florida	544, 376	187, 187	168, 086	86, 305	4, 836	4, 475	2, 563	
Idaho	4, 160, 456	3, 285, 340	1, 842, 656	927, 604	191, 285	213, 869	162, 663	152, 280
Kansas	355, 466	436, 088	46, 016					
Louisiana	85, 684	65, 117	14, 746	[1] 5, 732				
Michigan	76, 741	41, 020	21, 804					
Minnesota	392, 598	96, 656	47, 147	43, 410	1, 335	1, 912	1, 586	75
Mississippi	119, 313	63, 203	22, 758					
Missouri	33, 665	4, 189	160					
Montana	19, 078, 259	12, 323, 575	[4] 4, 528, 483	[2] 1, 866, 547	[2] 467, 847	[2] 415, 420	[2] 350, 895	321, 065
Nebraska	5, 106, 548	494, 095	122, 985	63, 187	9, 941	8, 706	4, 944	3, 261
Nevada	672, 613	340, 860	281, 532	214, 769	47, 701	29, 314	25, 539	20, 857
New Mexico	5, 204, 463	7, 500, 836	6, 765, 794	3, 623, 688	1, 121, 568	1, 432, 610	[2] 1, 152, 887	1, 036, 415
North Dakota	2, 129, 644	790, 023	128, 417	57, 256	11, 543	17, 769	19, 928	14, 571
Oklahoma	390, 896	183, 756	80, 546	[1] 25, 871				
Oregon	3, 138, 108	2, 599, 364	2, 118, 054	727, 910	140, 044	177, 461	115, 292	76, 421
South Dakota	2, 204, 050	2, 851, 849	1, 177, 594	276, 295	55, 440	42, 613	51, 559	48, 574
Utah	1, 587, 780	1, 305, 605	1, 456, 411	[2] 1, 260, 956	236, 579	220, 404	173, 152	161, 397
Washington	1, 124, 407	603, 091	288, 671	70, 088	13, 891	18, 920	13, 803	6, 581
Wisconsin	62, 629	19, 485	10, 071	[3]				
Wyoming	2, 928, 357	9, 976, 381	7, 634, 649	4, 064, 145	1, 096, 301	1, 098, 655	989, 835	971, 825
General Land Office	40		[3] 660	34, 063	10, 014	9, 705	11, 158	3, 602
Original entries, stock-raising homesteads (incl. above)		[4] 13, 721, 422	26, 260, 485	14, 828, 604	3, 953, 811	4, 054, 431	3, 420, 644	

PERFECTED HOMESTEAD ENTRIES, ENTIRE UNITED STATES

Period or year [5]	All homesteads	Year	All homesteads	Year	All homesteads	Year	All homesteads	Stock-raising
1868–1870	1, 379, 116	1890	4, 060, 593	1905	3, 419, 387	1920	8, 372, 696	622, 610
1871–1875	6, 215, 783	1891	3, 954, 588	1906	3, 526, 749	1921	7, 726, 740	1, 755, 099
1876–1880	11, 670, 439	1892	3, 259, 897	1907	3, 740, 568	1922	7, 307, 034	2, 399, 384
1881–1885	12, 630, 328	1893	3, 477, 232	1908	4, 242, 711	1923	5, 594, 259	2, 627, 065
1886–1890	16, 330, 272	1894	2, 929, 947	1909	3, 699, 467	1924	4, 791, 436	2, 822, 211
1891–1895	16, 602, 473	1895	2, 980, 809	1910	3, 795, 863	1925	4, 048, 911	2, 753, 921
1896–1900	15, 275, 648	1896	2, 790, 243	1911	4, 620, 197	1926	3, 451, 106	2, 497, 007
1901–1905	19, 812, 937	1897	2, 778, 404	1912	4, 306, 069	1927	2, 583, 627	1, 932, 096
1906–1910	19, 005, 358	1898	3, 095, 018	1913	10, 009, 285	1928	1, 815, 549	1, 384, 902
1911–1915	35, 407, 654	1899	3, 134, 140	1914	9, 291, 121	1929	1, 700, 950	1, 270, 617
1916–1920	38, 909, 565	1900	3, 477, 843	1915	7, 180, 982	1930	1, 371, 073	1, 059, 224
1921–1925	29, 468, 380	1901	5, 241, 121	1916	7, 278, 281	1931	1, 352, 861	1, 026, 011
1926–1930	10, 922, 305	1902	4, 342, 748	1917	8, 497, 390	1932	1, 209, 894	963, 115
1888	3, 175, 401	1903	3, 576, 964	1918	8, 236, 438			
1889	3, 681, 709	1904	3, 232, 717	1919	6, 524, 760	Total, 1868–1932	236, 193, 008	23, 203, 295

[1] 1926 and 1927 only.
[2] Includes entries of abandoned military reservations.
[3] Includes entries made at discontinued offices.
[4] 1918–1920 only.
[5] For periods figures are totals, not averages.

No. 126.—STOCK-RAISING HOMESTEADS: Original Entries of Public and Indian Land from Passage of Act to June 30, 1932

State	Entries	Acres	State	Entries	Acres
Total	152, 350	63, 879, 660	Nebraska	573	105, 218
			Nevada	870	462, 278
Arizona	5, 529	2, 639, 094	New Mexico	30, 700	13, 880, 412
Arkansas	4	1, 600	North Dakota	860	259, 411
California	7, 831	3, 170, 662	Oklahoma	366	71, 349
Colorado	19, 585	7, 793, 461	Oregon	7, 816	3, 166, 458
Idaho	7, 167	3, 229, 659	South Dakota	7, 614	2, 598, 310
Kansas	233	58, 506	Utah	4, 730	2, 570, 620
Michigan	5	1, 821	Washington	1, 551	495, 972
Minnesota	1	75	Wyoming	37, 024	16, 285, 504
Montana	19, 817	7, 077, 549	General Land Office	84	11, 791

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

No. 127.—TIMBER AND STONE, COAL, MINERAL, AND DESERT LAND ENTRIES OF PUBLIC LAND

State	From passage of act to June 30, 1932				Year ended June 30, 1932 [1]			
	Timber and stone	Coal	Desert land		Timber and stone	Mineral	Desert land	
			Original	Perfected			Original	Perfected
Acreage of entries	13,848,286	604,443	32,803,914	8,645,479	3,919	9,364	15,307	10,194
Alabama	43,735	239						
Alaska						187		
Arizona	2,943	6,693	2,587,500	366,764		2,285	1,360	2,889
Arkansas	365,573				135			
California	2,898,409	5,535	5,192,817	889,613	360	1,510	6,863	1,455
Colorado	401,743	[2] 216,609	3,227,500	712,881	438	944	394	761
Dakota Territory		584	20,021	300				
Florida	109,194							
Idaho	1,016,911	3,277	3,117,170	1,036,522	37	1,212	440	1,983
Iowa	119							
Louisiana	150,277							
Michigan	149,667							
Minnesota	1,400,175							
Mississippi	19,818							
Montana	664,126	64,758	5,982,669	2,768,356		197	416	516
Nebraska	97							
Nevada	6,642	1,661	654,271	164,447		349	1,289	231
New Mexico	80	26,613	2,159,570	232,695		221	160	
North Dakota	8,646	9,624	85,279	20,094				
Oklahoma	40							
Oregon	3,817,337	10,572	1,114,906	298,282	837	74	1,121	
South Dakota	63,909	3,524	609,291	101,921		159		
Utah	3,196	75,528	1,510,855	462,435		1,066	545	465
Washington	2,173,448	64,894	998,469	71,025	806	159	200	
Wisconsin	80,362							
Wyoming	455,911	113,924	5,543,597	1,520,143	200	1,000	2,519	1,893
General Land Office	6,941	8			1,106			
Number of entries	107,924	4,417	159,704	46,999	47	151	119	76
Money payment, dollars	35,583,514	11,922,602	7,894,512	8,753,604	14,625	40,138	3,837	9,876

[1] No entries for coal land in 1932. [2] Includes 58,496 acres within the Ute Reservation.

No. 128.—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	1929	1930	1931	1932
Railway grants, total	4,711,489	5,876,674	6,186,079	[1] 1,124,880	230,419	[1] 78,272	[2] 49,579	62,345
Alabama	40	120		[1] 399,469	39	[1] 8,832	[2] 1,118	
Arizona	337,533	1,163,775	3,451,578	188,829	120,517	34,416	14,184	5,795
Arkansas	80		227	221	21	120	67	
California	649,809	319,262	1,032,815	208,604	16,526	13,564	10,700	23,498
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
Iowa	11	80		73		73		
Kansas			40	19				
Louisiana	9,441	484		1,044	58	80		
Michigan	55			510		153		
Minnesota	24,823	5,744	328	5,220	255	226		116
Missouri		240	600					
Montana	2,862,095	1,704,549	251,343	2,716		2,716	5,405	14,507
Nebraska			200	436				42
Nevada	76,394	515,222	712,564	163,700	70,031	6,866	8,880	4,207
New Mexico	70,505	1,525,406	344,121	146,482	21,688	3,792	40	11,741
North Dakota	53,597	623	70					
Oregon	117,678	39,372	23,986	120			3,750	
Utah	14,617	112,351	160	1,289	1,120	80	2,543	
Washington	257,955	881,113	106,283	2,979		623	1,144	1,807
Wisconsin	2,041	720	1,405	1,093	163	566	19	
Wyoming	10,629	7,344	14,624	320		320	521	282
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 127 and 128: General Land Office, Department of the Interior.

No. 129.—ACREAGE OF LAND CERTIFIED OR PATENTED UNDER RAILWAY OR WAGON-ROAD GRANTS FROM 1850 TO JUNE 30, 1932

State grants, total	38,206,045
Illinois: Illinois Central	2,595,133
Mississippi, total	1,075,345
Mobile & Ohio River	737,130
Vicksburg & Meridian	190,102
Gulf & Ship Island	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	4,920,923
Burlington & Missouri River	389,900
Chicago, Rock Island & Pacific	[2] 483,214
Cedar Rapids & Missouri River	161,533 [2] 922,898 244,023
Dubuque & Sioux City	[2] 556,407
Iowa Falls & Sioux City	683,057
Des Moines Valley (river-improvement grant)	840,171
Chicago, Milwaukee & St. Paul, formerly McGregor & Missouri River	326,216
Sioux City & St. Paul	322,413
Michigan, total	3,133,741
Port Huron & Lake Michigan	37,467
Jackson, Lansing & Saginaw	743,940
Grand Rapids & Indiana	852,621
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
Minnesota, total	8,045,936
St. Paul, Minneapolis & Manitoba (formerly first division, St. Paul & Pacific)	
Western R. R. (succeeded by St. Paul & Northern Pacific R. R. Co.)	[3] 3,272,691
St. Paul, Minneapolis & Manitoba (formerly St. Vincent extension of the St. Paul & Pacific)	
Minnesota Central	179,734
Winona & St. Peter	1,081,026
St. Paul & Sioux City	1,126,619
St. Paul & Duluth	861,133
Southern Minnesota, from a point on the Mississippi River to Houston	
Southern Minnesota Extension (now Chicago, Milwaukee & St. Paul)	546,745
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	4,034,237
Leavenworth, Lawrence & Galveston	[5] 249,446
Missouri, Kansas & Texas	[5] 976,593
Atchison, Topeka & Santa Fe	2,944,788
St. Joseph & Denver City	463,409
Corporation grants, total	94,078,588
Central Pacific	7,449,726
Central Pacific (Western Pacific)	462,130
Central Pacific (California & Oregon)	3,228,797
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)	11,500,305
Burlington & Missouri River in Nebraska	2,374,091
Sioux City & Pacific (Missouri Valley Land Co.)	42,611
Northern Pacific	39,062,182
Oregon Central	128,618
Oregon & California	2,777,632
New Orleans Pacific	1,001,943
Southern Pacific (main line)	4,648,688
Southern Pacific (branch line)	2,245,406
Wagon roads, total	3,359,188
From Lake Erie to Connecticut Western Reserve	80,774
From Lake Michigan to Ohio River	170,580
From Fort Wilkens, Copper Harbor, Mich., to Green Bay, Wis.	302,931
From Fort Wilkens, Copper Harbor, Mich., to Wisconsin State line	221,013
Oregon Central Military Co. (now California & Oregon Land Co.)	940,514
Corvallis and Yaquina Bay	83,717
Willamette Valley and Cascade Mountain	861,512
Dalles Military Road	592,907
Coos Bay Military Road	105,240

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

[2] Includes 35,035 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. 130.—LAND GRANTS (INCLUDING SCRIP) TO STATES FOR EDUCATIONAL AND OTHER PURPOSES: ACREAGE TO JUNE 30, 1932

NOTE.—Does not include grants to States for specific railroad and wagon-road companies covered by Table 129. 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	203,085,628	99,188,946	13,714,597	3,223,387	[2] 3,344,930	11,469,245	64,817,582	7,326,940
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	8,093,155	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	8,426,380	5,534,293	196,080			500,000	2,189,607	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	21,973,427	975,307	90,000	92,160		500,000	20,310,840	5,120
Georgia	270,000		270,000					
Idaho	3,632,157	2,963,698	186,080	200,000	[1] 250,000			32,379
Illinois	3,530,281	996,320	480,000	46,080		533,368	1,459,924	123,589
Indiana	4,306,253	665,578	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	11,030,421	807,271	210,212	46,080		500,000	9,466,858	
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	8,372,651	2,874,951	212,160			500,000	4,704,667	80,873
Mississippi	5,020,774	824,213	302,160	23,040	23,040	500,000	3,347,068	1,253
Missouri	5,575,652	1,221,813	330,000	46,080		500,000	3,429,119	48,640
Montana	5,869,618	5,108,258	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	2,051,967	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	89,120		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	6,220,670	982,329	332,160			500,000	3,357,432	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. 131.—ACREAGE OF PUBLIC AND INDIAN LAND PATENTED: YEARS ENDED JUNE 30

Class	1926–1930, total	1931	1932
Total	15,731,063	1,938,864	1,397,978
Abandoned military reservation	20,811		
Coal	[1] 757		
Commuted homestead	110,027	12,348	5,767
Desert land	272,256	33,833	23,542
Desert-land segregation	[2] 21,594		
Forest exchange	102,768	49,455	38,740
Forest homestead	115,781	9,738	11,863
Forest lieu selection	39,189	4,583	1,747
Homesteads, final	1,276,376	135,148	124,996
Homesteads, enlarged	2,075,551	189,921	177,214
Homesteads, stock-raising	8,709,206	1,051,593	1,099,643
Indian homestead	221,988	230	
Indian trust	1,035,315	151,860	53,140
Mineral	229,731	42,352	39,681
Miscellaneous cash	72,708	5,498	3,146
Private land claim	81,003	12,445	8,579
Public sale	176,534	37,577	47,536
Railroad	724,691	110,910	62,653
Reclamation homestead	61,843	24,046	18,593
Small holding claim	4,120	399	436
Soldiers, additional	11,141	3,514	1,844
Special act	121,210	37,342	166,086
Swamp	88,872	7,079	4,807
Timber sales	[3,4] 23,478	(5)	(5)
Timber and stone	84,165	11,762	4,504
Town lot	3,077	231	461
Town site	[5] 1,382	116	82
Miscellaneous	45,486	6,883	2,810

State	1926–1930, total	1931	1932
Alabama	45,996	2,686	4,041
Alaska	45,410	5,897	7,693
Arizona	708,358	154,419	221,657
Arkansas	111,158	18,012	9,667
California	1,217,337	189,943	189,367
Colorado	1,891,601	210,760	181,304
Dist. of Col	4		
Florida	124,401	5,543	8,172
Idaho	613,815	64,437	71,988
Illinois	2,280	27	540
Indiana	5,696	1,140	1,186
Iowa	1,747	120	104
Kansas	15,800	1,792	640
Louisiana	119,180	17,161	8,941
Michigan	28,334	1,770	76,098
Minnesota	96,118	4,022	2,522
Mississippi	68,590	4,053	1,848
Missouri	3,723	4,410	1,203
Montana	2,953,716	270,698	239,109
Nebraska	68,290	9,540	8,928
Nevada	331,114	29,621	43,061
New Mexico	2,284,954	319,396	224,135
North Dakota	79,399	7,814	6,744
Ohio	2,404	198	
Oklahoma	36,756	3,663	4,561
Oregon	809,553	148,131	67,195
South Dakota	599,466	54,423	52,831
Utah	595,190	100,367	85,384
Washington	283,628	24,299	20,968
Wisconsin	12,966	1,573	540
Wyoming	2,484,671	282,943	357,461

[1] Total for years 1926 to 1928. [2] Total for years 1926 to 1929. [3] Total for years 1926 and 1927.
[4] There were timber sales from 7,386 acres in 1928, 13,037 acres in 1929, 10,707 acres in 1930, 5,456 acres in 1931 and 2,865 in 1932 of revested cut-over lands which are not included in the table.
[5] Total for years 1926, 1927, 1928, and 1930.

Source: General Land Office, Department of the Interior.

No. 132.—RECEIPTS UNDER THE MINERAL LEASING ACT OF FEBRUARY 25, 1920: FROM THE PASSAGE OF THE ACT TO JUNE 30, 1932

State	Total	1921–1927, total	1928	1929	1930	1931	1932
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	[1] 83,718,686	[2] 63,642,552	4,677,354	3,864,879	4,738,288	3,531,655	3,236,978
Alabama	136,654	88,865	3,036	8,818	14,500	12,453	8,983
Arizona	101					101	
California	21,259,813	15,943,731	1,389,800	644,191	1,009,373	870,454	1,402,264
Colorado	775,055	[2] 324,850	96,839	101,903	97,858	83,581	70,023
Idaho	22,516	3,260	2,482	2,996	2,851	6,093	4,834
Louisiana	48,178	19,166	3,898	12,118	3,886	3,532	5,578
Montana	1,905,118	[2] 1,402,686	119,070	113,188	109,479	91,597	69,099
Nevada	9,016	3,657	1,463	730	830	80	2,256
New Mexico	514,966	44,169	25,835	45,273	118,148	163,433	118,108
North Dakota	175,658	42,286	32,740	30,411	23,721	22,628	23,871
Oregon	21						21
South Dakota	1,693	561	40	40	130	500	362
Utah	600,465	199,638	58,081	88,887	81,502	87,813	84,545
Washington	44,217	21,424	3,977	452	1,531	4,908	11,924
Wyoming	58,225,215	[2] 45,555,260	2,940,091	2,835,871	3,274,459	2,184,423	1,435,110

[1] This total consists of "future" production, $71,625,964; "past" production $6,452,758; and production from naval petroleum reserves, $5,639,964.
[2] Adjustment on account of transfers and omissions are made in the amounts for Colorado, Montana, and Wyoming.

Source: General Land Office, Department of the Interior.

No. 133.—ACREAGE OF PUBLIC LAND WITHDRAWN FROM SETTLEMENT AND RESTORATIONS THEREFROM

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

	Coal land	Oil land	Phosphate land	Potash land	Power-site reserve[1]	Reservoir sites	Public water reserve
Withdrawals outstanding June 30—							
1921	39, 875, 414	6, 691, 414	2, 724, 340	130, 100	3, 705, 617	200, 894	244, 632
1922	34, 906, 492	6, 580, 611	2, 425, 494	130, 100	3, 684, 350	202, 438	255, 249
1923	34, 558, 369	6, 417, 662	2, 425, 454	130, 100	3, 848, 236	202, 438	254, 810
1924	31, 951, 634	5, 995, 939	2, 390, 373	130, 100	3, 883, 141	210, 422	355, 232
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, 648, 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, 250, 426	2, 004, 765	9, 411, 906	4, 949, 421	254, 010	437, 229
Alabama					1, 789		
Alaska	28, 366				216, 554		
Arizona	139, 415	356			1, 139, 539		22, 260
Arkansas					24, 333		
California	17, 603	1, 269, 912		90, 324	620, 558	45, 226	189, 693
Colorado	4, 142, 233	217, 304			424, 405		9, 978
Florida			66, 796				
Idaho	4, 761		291, 532		416, 771		17, 542
Louisiana		486, 990					
Michigan					1, 240		
Minnesota					12, 309		
Montana	7, 863, 941	1, 336, 929	279, 944		169, 556	9, 080	9, 856
Nebraska					761		
Nevada	83, 673			39, 422	59, 774		16, 806
New Mexico	5, 081, 689			9, 282, 160	257, 744		9, 726
North Dakota	5, 954, 364	84, 894					
Oregon	4, 361				653, 082	18, 603	28, 742
South Dakota							240
Utah	3, 404, 043	1, 341, 264	277, 344		602, 355	26, 040	42, 321
Washington	691, 801				256, 105	36, 327	960
Wyoming	2, 260, 604	541, 777	989, 149		92, 046	118, 734	89, 105
New withdrawals during year ended June 30—							
1927	25, 996				457, 466		4, 275
1928					84, 789	920	31, 153
1929				1, 803, 723	105, 886		13, 440
1930	206				81, 829		16, 513
1931	17, 280	91, 520			20, 042		10, 480
1932	10, 880				36, 687		9, 865
Alaska	*10, 880*				8, 790		
Arizona							1, 125
California					9, 653		840
Colorado					120		1, 965
Idaho							445
Montana					280		520
Nevada							685
New Mexico							160
Oregon					14, 891		520
Utah							475
Washington					2, 953		
Wyoming							3, 120
Restorations of land previously withdrawn, year ended June 30—							
1927	619, 175	529, 255	12, 104		41, 956		1, 360
1928	389, 531	3, 960	9, 590	40	5, 081		798
1929	57, 006	92, 140	26, 261		21, 336	478	1, 085
1930	58, 126		280		42, 374		2, 405
1931	176, 752	15, 190		33	61, 452	40	2, 045
1932					164, 798		400
Alaska					779		
Arizona					86, 000		240
California					1, 990		
Colorado					1, 435		
Idaho					9, 600		
Montana					10, 020		40
Oregon					3, 705		
Utah					1, 940		120
Washington					32, 678		
Wyoming					16, 651		

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

Source: General Land Office, Department of the Interior.

No. 134.—PUBLIC LAND: ACRES UNAPPROPRIATED AND UNRESERVED, JUNE 30

State	1890	1900	1910	1920	1930	1931	1932
Total	[1] 586,216,861	[1] 557,643,120	343,971,674	200,320,128	178,979,446	177,101,551	173,316,246
Alabama	1,105,060	359,250	108,210	37,200			
Arizona	49,699,052	50,286,988	41,491,369	18,268,909	15,180,880	14,366,408	13,581,760
Arkansas	4,902,329	3,493,444	512,705	276,596	190,969	184,170	175,924
California	53,922,718	42,467,512	24,864,884	19,585,801	16,623,488	16,046,948	15,712,567
Colorado	39,994,446	39,650,247	21,726,192	8,941,185	8,027,468	7,657,140	7,467,597
Florida	5,624,426	1,596,411	453,009	120,077	18,897	21,707	32,303
Idaho	46,957,290	43,286,694	24,743,804	8,805,112	10,617,070	11,485,027	10,865,472
Iowa	5,000						
Kansas	755,791	1,196,900	137,180	4,340			
Louisiana	1,358,853	442,224	88,911	14,240			
Michigan	832,707	430,483	107,890	73,523			
Minnesota	6,913,554	4,696,203	1,503,302	256,297	189,845	193,090	289,451
Mississippi	1,407,480	285,804	47,058	33,360			
Missouri	1,151,463	337,946	2,510	18			
Montana	64,807,627	67,903,067	36,015,943	5,973,741	6,601,677	6,410,032	6,238,429
Nebraska	11,226,584	9,798,688	1,879,486	66,844	22,628	20,805	20,225
Nevada	50,804,540	61,277,506	56,474,688	54,207,175	51,454,493	51,399,206	51,221,034
New Mexico	56,360,326	56,541,170	36,454,692	18,448,878	15,664,121	14,383,995	13,615,150
North Dakota	30,497,400	18,725,239	1,410,225	81,044	146,505	148,349	142,694
Oklahoma	[2] 3,694,693	5,733,572	5,007	7,404			
Oregon	38,273,228	34,377,907	17,580,573	14,906,757	13,069,136	12,982,257	12,920,334
South Dakota	10,241,498	11,930,809	4,562,804	288,472	439,880	459,516	419,270
Utah	36,205,100	42,967,451	35,955,554	29,991,715	23,881,445	25,157,000	25,197,820
Washington	19,646,310	11,125,883	3,196,059	1,086,686	920,584	930,389	708,363
Wisconsin	819,320	313,565	14,460	5,154			
Wyoming	49,010,060	48,358,169	34,575,159	19,670,595	15,929,460	15,256,530	14,728,953

[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] *Figures include* 3,672,640 acres of unsurveyed land in public land strip.

Source: General Land Office, Department of the Interior.

No. 135.—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				
	1900	1910	1920	1930	1932	1900	1910	1920 [1]	1930 [2]	1932
Total	121,685	84,135	55,792	50,151	73,117	270,544	304,950	336,337	[3] 340,541	[3] 317,234
Arizona	23,673	30,242	34,195	31,881	27,641	40,189	38,475	42,400	47,072	48,162
California	635	567	600	774	987	11,431	20,976	16,241	19,197	19,215
Colorado		766	619	619	680	995	815	796	813	817
Florida		37	42	42	42	575	358	454	578	562
Idaho	2,132	750	87	90	780	3,557	3,988	4,048	3,890	4,171
Indian Territory	30,490					[4] 86,265				
Iowa	4	5	5	5	5	385	372	345	389	403
Kansas	44	1		2	58	1,211	1,385	1,466	1,602	1,797
Michigan	13	4			20	7,557	6,784	7,510	[5] 1,192	[5] 1,192
Minnesota	2,448	910	865	868	1,145	8,952	11,095	12,681	15,767	14,743
Montana	14,845	8,682	5,538	1,183	8,444	10,076	10,766	12,374	14,238	14,741
Nebraska	117	11	10	12	104	3,554	3,784	2,461	4,358	4,433
Nevada	1,491	1,073	1,135	1,300	1,324	8,321	6,192	5,900	4,975	5,071
New Mexico	2,606	2,889	3,278	5,524	8,109	9,480	18,837	21,530	28,113	28,736
New York	137	137	137	137		5,334	5,476	6,432	4,445	4,523
North Carolina	154	99	99	99	99	1,436	1,999	8,268	3,194	3,230
North Dakota	5,784	2,031	156	2	4,794	8,276	8,256	9,018	10,793	9,613
Oklahoma	10,756	4,695	5	60	3,586	13,920	[4] 117,088	[4] 110,255	[4] 121,884	[4] 94,552
Oregon	2,031	1,995	1,860	1,756	2,337	4,063	3,477	6,629	4,518	4,561
South Dakota	14,050	4,554	568	382	6,780	19,212	20,303	23,010	23,726	26,296
Texas				5	5	290	470	702	250	250
Utah	3,186	280	526	532	1,671	2,115	1,697	3,057	1,591	1,759
Washington	3,646	3,790	2,655	1,330	2,724	9,827	9,625	11,114	12,572	12,727
Wisconsin	595	477	424	428	656	10,726	10,303	10,319	11,705	11,897
Wyoming	2,828	149	2,899	3,120	1,123	1,642	1,701	1,748	2,014	2,097
Miscellaneous					4	849	728	8,579	1,665	1,686

[1] *Figures include* 1920 census data for States in which there are no Indian agencies. [2] As of Apr. 1.
[3] Beginning 1930, Indians no longer under the jurisdiction of the Office of Indian Affairs are not included. The decrease between 1930 and 1932 was due to the elimination of freedmen and intermarried whites of the Five Civilized Tribes and the inclusion of the Census Bureau figure. See note 4.
[4] *Figures include* data for the Five Civilized Tribes, as follows: 1900, 84,570; 1910, 101,278; 1920 and 1930, 101,506. The latter figure is according to the final rôle of Mar. 4, 1907, and includes 23,405 freedmen and 2,582 intermarried whites. It is impossible to give a reliable estimate of living members. The 1932 figure includes 72,643 members as reported by the Bureau of the Census.
[5] 1927.

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

No. 136.—CLIMATIC CONDITIONS: SELECTED CITIES IN THE UNITED STATES

NOTE.—The table presented herewith shows the more *important* facts concerning the weather at a number of points in the United States selected with a view to covering all the important climatic sections and including at least one from each State. The temperature extremes include the entire period of observations to Dec. 31, 1932. Other data are long-time averages covering periods ranging from 20 to *more than* 50 years. All monthly mean temperature values except those at Asheville, Hartford, Miami, Providence, and Wilmington, are normals, based on long records. Similarly, all monthly averages of precipitation are normals except the amounts given at Wilmington. Average hourly wind velocity data are 3-cup anemometer values corrected through 1930. 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	57.6	60.7	67.7	75.6	83.2	89.6	91.0	89.8	86.3	76.4	66.1	58.4	75.2
Daily mean minimum	39.8	42.5	48.1	55.1	62.9	70.1	72.4	71.7	67.4	56.1	46.1	40.8	56.1
Highest on record	80	84	90	92	99	106	107	103	106	96	85	81	107
Lowest on record	5	−5	20	30	43	48	61	58	45	31	18	8	−5
Precipitation:													
Total, inches	5.20	5.45	5.99	4.30	3.84	3.80	4.86	4.23	2.99	2.46	3.23	4.84	51.19
Days with 0.01 inch or more	11	10	10	8	9	11	12	11	8	6	8	10	114
Total snowfall, inches	0.2	0.3	(1)	(1)	0	0	0	0	0	0	(1)	0.3	0.8
Percentage of possible sunshine	52	55	61	66	70	71	64	66	67	67	63	45	62
Number of clear days	9	9	12	12	13	9	8	9	13	16	13	10	133
Hourly wind velocity, miles	6.6	6.4	7.1	6.4	5.9	5.5	5.0	4.6	5.0	5.8	6.1	5.7	5.8
ARIZONA, PHOENIX													
Temperature:													
Monthly mean	51.2	55.1	60.7	67.0	75.0	84.5	89.8	88.5	82.7	70.6	59.7	52.0	69.7
Daily mean maximum	65.0	69.0	74.2	82.0	90.3	100.9	102.9	101.0	96.9	85.9	74.4	65.1	84.0
Daily mean minimum	38.7	43.2	46.7	52.5	59.7	68.8	76.8	75.5	68.6	55.7	45.2	38.5	55.8
Highest on record	84	92	95	103	114	118	118	113	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	76	78	82	87	92	94	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	4.0	4.5	5.0	5.3	5.4	5.1	5.1	4.6	4.4	4.2	3.9	3.9	4.6
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	50.0	53.5	62.6	72.0	79.0	86.8	90.0	89.1	83.7	73.4	61.4	52.2	71.1
Daily mean minimum	33.6	36.1	44.2	53.1	60.8	68.6	71.9	70.8	65.1	53.8	43.1	36.0	53.1
Highest on record	78	87	90	94	96	102	108	105	104	93	84	78	108
Lowest on record	−8	−12	14	28	39	51	58	52	41	27	10	5	−12
Precipitation:													
Total, inches	4.73	3.84	4.62	5.19	4.78	3.76	3.50	3.75	3.17	2.71	4.19	4.14	48.38
Days with 0.01 inch or more	10	9	10	10	10	10	9	9	7	7	8	9	108
Total snowfall, inches	2.2	1.3	0.5	(1)	0	0	0	0	0	(1)	0.2	1.1	5.3
Percentage of possible sunshine	47	53	57	62	65	71	71	72	71	69	57	48	62
Number of clear days	11	9	11	11	11	11	12	14	14	17	13	11	145
Hourly wind velocity, miles	9.3	9.1	9.6	9.2	8.7	7.6	7.0	6.5	6.9	7.5	8.6	8.8	8.2
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	54.3	61.4	66.2	73.8	81.5	91.2	99.1	97.4	89.0	78.3	66.5	54.7	76.1
Daily mean minimum	38.1	41.6	44.5	47.7	52.9	59.4	64.8	63.5	57.9	50.8	43.3	38.1	50.2
Highest on record	73	84	87	101	110	112	115	113	111	100	86	76	115
Lowest on record	17	24	28	34	38	42	50	51	42	36	27	18	17
Precipitation:													
Total, inches	1.73	1.43	1.58	0.95	0.44	0.08	0.01	0.01	0.21	0.57	0.93	1.45	9.39
Days with 0.01 inch or more	7	7	7	4	2	1	(2)	(2)	1	3	4	7	43
Total snowfall, inches	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine	44	53	70	82	87	94	96	96	91	86	72	49	78
Number of clear days	9	12	14	18	22	26	28	29	25	23	17	10	233
Hourly wind velocity, miles	4.4	4.9	5.7	6.8	8.0	8.4	7.5	6.9	6.0	4.8	4.1	4.1	6.0

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

No. 136.—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	67.0	69.4	71.6	76.5	81.2	82.1	80.0	76.2	72.5	66.8	72.8
Daily mean minimum	45.5	46.6	48.2	50.2	53.0	56.4	59.5	60.4	58.4	54.5	50.5	47.2	52.5
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
Days with 0.01 inch or more	6	6	7	4	2	1	0	0	1	2	3	6	38
Total snowfall, inches	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)	(1)
Percentage of possible sunshine	68	68	67	68	63	70	77	79	77	76	78	73	72
Number of clear days	15	12	12	12	11	13	16	18	17	18	18	17	179
Hourly wind velocity, miles	5.2	5.4	5.5	5.4	5.2	5.2	5.0	4.6	4.6	4.6	4.8	5.1	5.0
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	65.3	66.3	69.3	72.5	74.0	73.0	70.5	68.3	64.4	67.7
Daily mean minimum	46.5	48.0	49.9	52.6	55.8	58.9	62.5	63.8	61.4	56.8	51.7	48.1	54.7
Highest on record	85	89	99	96	98	96	100	93	110	90	93	84	110
Lowest on record	25	34	36	30	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	72	72	72	77	73	69
Number of clear days	15	13	14	14	12	14	17	18	18	18	18	17	188
Hourly wind velocity, miles	5.3	5.9	6.3	6.5	6.5	6.2	6.0	5.9	5.8	5.5	5.2	5.2	5.9
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	55.3	51.3	56.1
Daily mean maximum	55.0	58.2	60.5	62.1	63.2	65.5	65.0	65.2	68.2	67.6	62.7	56.1	62.4
Daily mean minimum	44.7	47.1	48.1	49.2	50.5	52.1	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	11	8	6	4	2	(2)	(2)	2	4	7	11	66
Total snowfall, inches	(1)	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)
Percentage of possible sunshine	53	56	63	70	70	75	69	63	70	71	62	55	65
Number of clear days	11	11	12	14	15	17	15	13	16	17	14	12	167
Hourly wind velocity, miles	7.0	7.3	8.5	9.8	10.9	11.9	12.4	11.6	9.5	7.4	6.5	6.7	9.1
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	42.6	44.7	51.2	59.7	68.9	80.1	85.4	84.2	76.5	64.3	52.4	43.9	62.8
Daily mean minimum	17.9	20.8	26.8	35.3	44.2	53.1	58.9	57.8	48.8	37.8	27.4	19.7	37.4
Highest on record	76	77	82	86	92	99	102	105	97	90	79	74	105
Lowest on record	−20	−22	−11	4	19	32	42	40	21	−2	−18	−25	−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	0.78	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	4.9	7.6	10.8	9.2	2.1	(1)	0	0	0.5	4.7	6.5	9.3	55.6
Percentage of possible sunshine	67	66	63	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	8.2	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	63.2	53.6	42.1	31.4	50.0
Daily mean maximum	35.7	35.3	45.6	56.9	68.5	77.1	82.3	79.8	73.5	63.2	49.8	38.4	58.8
Daily mean minimum	20.5	19.3	28.7	38.2	48.6	57.3	63.2	60.9	54.3	44.1	34.4	24.5	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
Days with 0.01 inch or more	12	10	11	12	12	11	11	10	9	9	10	10	127
Total snowfall, inches	9.7	12.0	5.2	1.6	(1)	0	0	0	0	(1)	0.8	7.0	36.6
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	9	118
Hourly wind velocity, miles	8.0	8.1	8.7	8.7	7.9	7.1	6.9	6.4	6.2	6.6	7.7	7.5	7.5

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

No. 136.—Climatic Conditions, Etc.—Continued

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DELAWARE, WILMINGTON													
Temperature:													
Monthly mean	32.8	32.9	42.2	52.4	63.0	71.4	76.3	74.0	68.2	57.0	45.6	35.2	54.2
Daily mean maximum	40.3	40.7	51.6	62.8	73.6	81.8	85.8	83.3	77.6	66.2	53.6	42.3	63.3
Daily mean minimum	25.3	25.1	32.9	42.1	52.5	61.1	66.8	64.8	58.9	47.8	37.5	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	42	49	47	33	25	11	−7	−12
Precipitation:													
Total, inches	3.44	3.27	3.50	3.40	3.51	3.87	4.99	4.70	3.49	3.17	2.92	3.58	43.84
Days with 0.01 inch or more	9	8	10	9	9	9	9	9	7	6	7	9	101
Total snowfall, inches	6.3	6.1	3.4	1.1	0	0	0	0	0	0.1	0.4	4.4	21.8
Number of clear days	14	14	16	15	16	17	17	17	17	18	15	14	190
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	42.0	43.7	52.2	63.5	74.4	82.3	86.5	84.0	78.2	67.0	54.4	44.4	64.4
Daily mean minimum	26.3	27.3	34.2	43.5	53.9	62.8	67.6	65.6	59.2	47.4	37.1	29.2	46.2
Highest on record	76	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	12	11	8	8	9	10	125
Total snowfall, inches	6.5	5.9	3.9	0.5	(1)	0	0	0	0	(1)	0.8	3.4	21.0
Percentage of possible sunshine	47	54	58	58	61	63	64	62	62	61	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	4.8	5.1	5.7	6.5	6.7	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	64.5	66.7	71.8	77.3	83.2	87.9	89.9	89.3	85.5	78.2	70.8	65.2	77.5
Daily mean minimum	47.3	49.2	54.0	59.7	66.3	71.9	73.9	73.7	71.4	63.4	54.2	48.0	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	66	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine	57	59	67	73	71	64	64	65	62	59	63	53	63
Number of clear days	11	10	13	13	12	8	8	8	9	12	12	11	127
Hourly wind velocity, miles	8.7	9.2	9.5	9.4	8.7	8.3	8.1	7.7	8.1	8.8	8.4	8.4	8.6
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	75.2
Daily mean maximum	74.2	74.9	76.6	79.5	82.5	85.4	87.1	87.4	86.0	82.8	77.5	75.4	80.8
Daily mean minimum	62.1	61.3	63.5	67.6	71.0	74.6	76.0	76.4	75.5	72.7	66.6	63.2	69.3
Highest on record	85	88	92	93	94	94	96	96	95	93	88	91	96
Lowest on record	29	27	34	45	50	61	66	67	62	52	36	32	27
Precipitation:													
Total, inches	2.52	1.83	2.17	3.09	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	13	15	15	18	15	10	7	135
Total, snowfall, inches	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine	64	73	73	73	67	64	68	69	65	63	64	66	67
Number of clear days	9	11	12	10	7	5	5	6	5	7	8	10	95
Hourly wind velocity, miles	9.0	8.9	9.5	9.5	8.7	7.4	7.0	7.4	8.0	8.9	10.3	8.6	8.6
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	69.8	71.3	75.9	80.3	85.4	88.6	89.3	89.5	88.2	82.5	75.9	70.7	80.6
Daily mean minimum	52.2	53.6	57.7	61.9	67.5	71.9	73.7	73.8	72.2	66.2	58.2	53.2	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	58	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	8.42	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	59	66	70	74	73	66	63	65	65	66	66	60	66
Number of clear days	11	11	13	13	11	7	5	5	7	12	13	12	120
Hourly wind velocity, miles	6.8	7.2	7.4	7.3	6.8	6.1	5.6	5.4	6.3	7.2	6.9	6.6	6.6

1 Trace.

No. 136.—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	52.3	69.9
Daily mean minimum	35.4	37.4	43.5	51.6	60.0	67.1	69.7	68.9	64.6	54.8	43.7	37.0	52.8
Highest on record	76	78	87	93	97	101	103	100	102	94	82	74	103
Lowest on record	−2	−8	8	25	38	39	58	55	43	28	14	1	−8
Precipitation:													
Total, inches	4.95	4.79	5.30	3.61	3.47	3.74	4.65	4.45	2.99	2.59	3.03	4.70	48.27
Days with 0.01 inch or more	12	11	11	10	10	11	13	12	8	7	8	11	124
Total snowfall, inches	0.8	0.9	0.1	(1)	0	0	0	0	0	0	(1)	0.4	2.2
Percentage of possible sunshine	49	54	58	65	68	68	62	61	65	67	61	47	60
Number of clear days	10	9	12	12	11	10	8	9	13	16	13	10	133
Hourly wind velocity, miles	11.2	11.5	11.2	10.2	9.0	8.2	7.9	7.5	8.3	9.4	10.3	10.7	9.6
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	37.1	43.3	52.8	62.4	70.5	79.5	89.5	87.9	76.3	63.8	50.0	39.4	62.7
Daily mean minimum	21.6	26.7	32.8	38.5	44.9	51.2	57.7	56.4	47.2	39.1	31.0	24.3	39.3
Highest on record	62	69	83	92	100	107	113	121	103	95	85	67	121
Lowest on record	−28	−12	−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	8.3	5.1	3.0	0.8	(1)	(1)	0	0	0	0.1	1.4	5.8	24.5
Percentage of possible sunshine	38	52	59	67	72	79	93	86	78	68	50	41	66
Number of clear days	6	6	8	9	11	14	21	21	18	14	9	6	142
Hourly wind velocity, miles	4.6	5.1	5.9	6.1	5.9	5.2	4.8	4.5	4.4	4.2	4.4	4.3	5.0
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	17.6	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	99	103	102	98	87	75	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	11	11	9	9	9	10	10	11	124
Total snowfall, inches	9.3	8.6	6.1	0.9	(1)	0	0	0	0	0.1	1.7	5.5	33.2
Percentage of possible sunshine	45	50	53	58	64	70	73	69	64	58	47	40	58
Number of clear days	8	8	8	9	10	10	13	13	12	12	8	7	118
Hourly wind velocity, miles	11.8	11.4	12.8	12.1	10.2	9.5	8.6	8.6	9.1	9.9	11.4	11.2	10.6
INDIANA, INDIANAPOLIS													
Temperature:													
Monthly mean	28.4	31.1	40.0	52.1	62.9	71.3	75.7	73.7	66.9	55.7	42.3	32.2	52.7
Daily mean maximum	36.0	38.7	48.6	61.3	72.1	81.2	85.5	83.3	76.7	64.6	49.8	39.1	61.4
Daily mean minimum	21.4	23.4	32.0	43.2	53.4	62.6	66.6	64.4	57.7	46.4	34.6	25.5	44.3
Highest on record	70	73	84	90	96	100	106	103	98	89	76	68	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	6.4	4.8	3.7	0.8	0.1	0	0	0	0	0.1	1.4	4.7	22.0
Percentage of possible sunshine	43	47	48	55	61	67	72	67	67	61	50	40	56
Number of clear days	6	6	7	8	9	8	11	11	12	12	8	6	104
Hourly wind velocity, miles	11.2	11.3	11.9	11.2	9.9	8.8	8.0	7.9	8.5	9.2	10.8	10.5	9.9
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	29.7	33.6	45.3	60.7	71.5	80.4	86.0	83.7	75.7	63.7	47.6	34.1	59.4
Daily mean minimum	11.8	15.6	27.3	40.5	51.0	60.9	65.2	63.0	55.1	43.3	29.5	18.0	40.1
Highest on record	65	78	88	92	98	102	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	3.07	2.50	1.43	1.22	32.04
Days with 0.01 inch or more	8	8	9	10	12	11	9	9	9	8	7	8	108
Total snowfall, inches	8.7	7.1	5.6	1.2	(1)	0	0	0	0	0.3	2.2	7.4	32.5
Percentage of possible sunshine	55	57	57	59	62	66	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	7.8	8.3	8.9	9.3	8.3	7.2	6.3	5.9	6.8	7.3	7.8	7.6	7.6

1 Trace.

No. 136.—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	41.3	46.1	56.0	67.0	75.2	85.0	90.4	89.2	81.8	69.5	55.8	44.4	66.8
Daily mean minimum	17.5	21.1	28.9	40.9	51.0	60.8	65.8	64.6	56.3	43.2	29.6	20.7	41.7
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	7	6	5	4	4	75
Total snowfall, inches	3.5	5.3	4.4	0.9	(1)	0	0	0	0	0.3	1.5	3.2	19.1
Percentage of possible sunshine	67	67	67	68	67	73	78	78	76	74	71	67	71
Number of clear days	15	13	13	13	12	14	16	17	17	18	16	15	179
Hourly wind velocity, miles	11.1	11.7	12.4	13.7	12.7	11.8	10.6	10.2	11.3	11.2	11.1	10.7	11.5
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	42.4	45.9	54.6	65.8	75.8	84.1	88.1	86.3	80.5	68.7	54.9	44.8	65.9
Daily mean minimum	26.8	28.7	36.9	46.7	56.4	65.2	69.0	67.3	60.9	49.1	38.3	29.4	47.9
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	4.5	3.9	2.2	0.2	(1)	0	0	0	0	0.1	0.4	2.9	14.2
Percentage of possible sunshine	43	49	52	58	53	69	72	70	68	66	52	49	58
Number of clear days	7	7	8	9	10	9	12	13	13	14	10	7	119
Hourly wind velocity, miles	9.7	10.4	10.7	9.9	8.4	7.6	6.9	6.5	7.0	7.7	9.1	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	62.4	65.1	70.9	76.7	82.8	88.1	89.4	89.2	86.1	78.2	69.7	63.2	76.8
Daily mean minimum	47.1	49.6	55.1	61.2	67.6	73.7	75.5	75.5	72.8	64.0	54.4	48.3	62.1
Highest on record	82	84	90	90	96	102	102	100	99	94	89	84	102
Lowest on record	15	7	28	38	52	58	66	63	54	40	29	19	7
Precipitation:													
Total, inches	4.34	4.25	4.72	5.24	4.60	5.88	6.37	5.80	5.03	3.30	3.14	4.79	57.46
Days with 0.01 inch or more	10	12	9	7	9	13	15	14	10	7	7	10	123
Total snowfall, inches	0.1	0.2	(1)	0	0	0	0	0	0	0	0	(1)	0.3
Percentage of possible sunshine	49	51	57	63	67	63	57	57	64	67	59	44	58
Number of clear days	10	9	11	11	12	9	7	7	12	16	13	9	126
Hourly wind velocity, miles	8.3	8.7	8.7	8.4	7.2	6.3	5.9	5.8	7.0	7.4	7.9	8.2	7.5
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	30.4	31.3	39.6	50.4	61.2	70.7	76.3	74.0	67.7	57.3	45.3	34.3	53.2
Daily mean minimum	15.1	15.8	25.3	35.3	45.4	54.1	60.1	58.7	52.1	42.4	31.9	20.6	38.1
Highest on record	65	58	79	89	94	96	103	98	96	85	72	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	12	11	13	11	12	11	12	11	10	10	11	12	136
Total snowfall, inches	18.6	19.9	12.1	4.7	(1)	0	0	0	(1)	(1)	4.3	11.8	71.4
Percentage of possible sunshine	53	59	59	57	57	61	64	63	62	56	47	51	57
Number of clear days	11	11	11	10	10	12	12	11	12	11	10	10	131
Hourly wind velocity, miles	8.7	9.1	9.5	9.1	8.5	7.7	7.3	6.9	7.5	8.2	8.8	8.7	8.3
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	41.4	42.7	51.0	62.1	73.2	81.6	86.0	83.4	77.4	66.3	54.0	44.0	63.6
Daily mean minimum	27.6	28.4	34.9	44.6	55.3	64.1	69.2	67.2	61.0	49.8	39.2	30.7	47.6
Highest on record	79	83	88	94	98	101	104	105	101	92	82	73	105
Lowest on record	−6	−7	5	16	34	46	55	51	39	30	12	−3	−7
Precipitation:													
Total, inches	3.50	3.39	3.71	3.34	3.54	3.88	4.64	4.37	3.37	2.89	2.56	3.37	42.66
Days with 0.01 inch or more	11	10	12	11	11	11	11	11	8	8	9	11	124
Total snowfall, inches	6.5	6.3	4.6	0.8	(1)	0	0	0	0	0.1	0.6	3.9	22.8
Percentage of possible sunshine	48	56	59	60	60	63	65	63	65	63	54	49	59
Number of clear days	9	9	10	9	10	9	10	10	12	13	10	9	120
Hourly wind velocity, miles	6.7	7.2	7.7	7.6	6.7	6.3	6.0	5.7	5.8	6.2	6.4	6.5	6.6

[1] Trace.

No. 136.—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	36.3	36.4	44.0	54.6	65.8	75.3	80.5	77.9	71.7	61.6	49.9	39.5	57.8
Daily mean minimum	20.6	20.7	28.6	38.3	48.7	57.8	63.7	62.1	55.7	45.6	35.3	25.2	41.0
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	−14	−14
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	11.6	12.5	7.6	2.2	(1)	0	0	0	0	(1)	1.5	7.9	43.3
Percentage of possible sunshine	48	56	58	58	60	63	64	63	62	57	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	11.8	12.0	11.2	10.0	9.4	8.8	8.3	9.0	10.0	11.0	11.5	10.4
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	31.0	32.0	41.5	54.9	66.9	76.3	81.5	79.0	72.3	60.0	45.7	35.0	56.3
Daily mean minimum	18.2	18.4	26.5	37.5	48.5	58.4	63.6	61.6	55.5	44.6	33.3	23.6	40.8
Highest on record	66	65	81	88	95	98	101	104	97	88	71	65	104
Lowest on record	−16	−20	−7	8	28	38	48	45	30	22	0	−24	−24
Precipitation:													
Total, inches	2.07	2.13	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	9.6	8.3	6.2	2.1	0.2	0	0	0	0	0.3	3.8	8.2	38.7
Percentage of possible sunshine	36	41	48	51	58	64	68	66	61	53	36	29	51
Number of clear days	5	6	7	8	9	10	12	12	11	10	6	4	100
Hourly wind velocity, miles	12.2	12.1	12.2	11.9	10.5	9.4	9.0	8.6	9.6	10.5	12.1	12.4	10.9
MINNESOTA, ST. PAUL													
Temperature:													
Monthly mean	12.6	15.8	29.1	45.6	57.9	67.1	72.1	69.4	61.3	48.6	32.5	19.0	44.2
Daily mean maximum	20.8	25.0	37.7	55.5	67.5	76.7	82.0	79.5	70.5	57.2	39.7	26.8	53.2
Daily mean minimum	3.4	7.2	20.6	36.3	47.6	57.7	62.2	59.7	51.2	39.8	24.6	11.7	35.2
Highest on record	51	61	83	87	97	101	104	100	101	88	74	58	104
Lowest on record	−41	−33	−22	6	23	36	45	40	28	8	−24	−39	−41
Precipitation:													
Total, inches	0.92	0.92	1.43	2.35	3.27	4.14	3.57	3.01	3.07	2.20	1.30	1.06	27.24
Days with 0.01 inch or more	9	8	9	10	12	12	10	9	10	9	8	9	115
Total snowfall, inches	9.5	7.1	8.3	3.8	0.2	0	0	0	(1)	0.6	4.5	7.2	41.2
Percentage of possible sunshine	50	55	55	59	58	63	71	66	59	53	44	42	56
Number of clear days	9	9	9	9	9	9	12	12	11	10	7	8	114
Hourly wind velocity, miles	9.4	9.7	10.4	10.7	9.9	8.8	8.0	7.9	9.1	9.6	9.7	9.3	9.4
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	56.9	60.3	67.5	74.9	81.7	88.3	90.1	89.8	85.9	76.4	66.2	58.4	74.7
Daily mean minimum	40.3	42.9	49.4	56.4	63.3	70.2	72.5	71.9	67.2	56.8	47.3	41.7	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	52	59	66	71	74	70	71	75	71	61	45	64
Number of clear days	9	9	11	11	12	12	10	11	14	17	13	10	139
Hourly wind velocity, miles	7.5	7.8	8.1	7.5	6.2	5.4	5.2	4.9	5.3	5.7	6.6	7.1	6.4
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	11.1	11.2	11.9	11.5	9.9	9.0	8.7	8.4	9.3	9.4	10.9	10.8	10.2

[1] Trace.

No. 136.—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	28.6	32.5	41.7	54.1	62.3	71.2	80.4	79.2	67.1	55.3	41.4	32.2	53.8
Daily mean minimum	12.3	15.3	23.3	33.3	41.0	48.3	54.3	53.2	44.1	35.4	24.5	16.8	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	9	9	11	12	8	6	7	6	7	8	100
Total snowfall, inches	10.5	8.1	9.3	6.0	2.2	(1)	(1)	(1)	0.9	4.2	7.0	8.9	57.1
Percentage of possible sunshine	44	52	58	61	57	63	75	72	61	56	47	43	57
Number of clear days	6	6	7	7	7	8	15	15	12	10	7	6	106
Hourly wind velocity, miles	6.5	6.8	7.7	8.1	8.0	7.8	7.4	6.9	7.1	7.0	6.6	6.4	7.2
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	30.6	35.2	46.8	61.6	72.0	81.3	86.5	84.3	76.3	64.4	48.1	35.2	60.2
Daily mean minimum	13.3	17.1	27.9	41.6	52.6	62.3	67.3	65.2	56.5	44.6	30.2	19.2	41.5
Highest on record	67	78	91	94	99	105	109	111	102	92	80	71	111
Lowest on record	−32	−26	−8	6	25	42	50	44	30	8	−14	−20	−32
Precipitation:													
Total, inches	0.70	0.89	1.37	2.51	3.77	4.56	3.54	3.05	3.21	2.17	1.07	0.93	27.77
Days with 0.01 inch or more	6	6	7	10	12	11	9	9	9	7	5	7	98
Total snowfall, inches	6.1	6.2	5.6	0.7	(1)	0	0	0	0	0.5	2.5	5.3	26.9
Percentage of possible sunshine	56	59	58	60	63	69	75	70	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	9.0	9.5	10.1	10.1	9.0	7.8	6.8	6.6	7.6	8.2	8.8	8.6	8.5
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	42.3	47.7	53.7	61.2	68.3	78.3	87.7	86.1	77.0	66.3	55.1	44.2	64.0
Daily mean minimum	20.8	24.8	28.9	33.9	40.4	46.8	52.9	51.6	44.2	35.6	28.0	22.2	35.8
Highest on record	67	76	79	88	98	100	106	102	96	87	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	9.9	6.4	5.5	1.4	0.7	0	0	0	(1)	0.4	1.3	5.1	30.7
Percentage of possible sunshine	59	65	72	75	78	84	90	89	85	78	68	60	75
Number of clear days	12	11	12	14	15	21	24	24	21	20	14	12	200
Hourly wind velocity, miles	5.3	5.8	7.0	8.0	7.7	7.4	6.9	6.5	6.1	5.3	5.3	4.9	6.4
NEW HAMPSHIRE, CONCORD													
Temperature:													
Monthly mean	21.9	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	31.6	33.6	41.0	55.9	68.7	76.8	81.8	78.0	70.8	59.9	46.3	34.7	56.6
Daily mean minimum	11.3	12.2	22.4	33.4	44.8	53.2	58.7	56.2	48.9	38.5	28.3	17.0	35.4
Highest on record	72	68	82	92	98	101	102	99	96	92	80	65	102
Lowest on record	−35	−34	−16	7	22	32	38	35	25	17	−17	−24	−35
Precipitation:													
Total, inches	3.00	2.89	3.03	2.78	3.01	3.19	3.56	3.54	3.45	2.85	3.08	3.13	37.51
Days with 0.01 inch or more	11	9	10	10	11	10	10	11	9	10	10	9	120
Total snowfall, inches	15.2	16.8	8.6	4.6	0.1	(1)	0	0	0	0.1	4.3	10.8	60.4
Percentage of possible sunshine	49	55	59	54	54	58	57	57	54	50	44	44	53
Number of clear days	11	13	14	11	13	13	12	13	13	12	10	10	145
Hourly wind velocity, miles	5.5	5.7	6.5	6.4	5.5	4.9	4.2	4.0	4.1	4.8	5.4	5.2	5.2
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	40.4	40.2	46.0	54.7	64.4	73.3	78.5	78.0	73.4	63.7	52.8	43.5	59.1
Daily mean minimum	26.5	26.5	32.7	41.2	51.5	60.8	66.5	66.6	61.3	50.0	39.0	29.8	46.0
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
Days with 0.01 inch or more	12	11	12	11	11	10	10	10	8	9	9	10	123
Total snowfall, inches	4.6	4.9	2.2	0.3	0	0	0	0	0	0	0.6	2.7	15.3
Percentage of possible sunshine	53	57	58	60	62	64	66	66	66	64	57	52	60
Number of clear days	9	9	10	10	10	10	11	11	12	13	11	10	126
Hourly wind velocity, miles	17.6	16.2	17.4	17.6	15.1	14.1	13.6	13.1	14.0	14.7	15.6	15.3	15.4

[1] Trace.

No. 136.—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	43.5	50.9	59.1	68.1	78.1	80.5	79.0	72.9	61.9	49.9	40.4	60.3
Daily mean minimum	18.9	22.8	28.1	35.0	43.2	52.3	57.1	55.9	49.2	38.5	28.2	20.1	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	5.8	6.3	5.2	3.3	0.3	(1)	0	0	(1)	1.0	3.6	6.3	31.8
Percentage of possible sunshine	72	70	71	73	75	80	68	71	77	79	76	72	74
Number of clear days	17	13	14	13	15	16	9	11	17	20	19	17	181
Hourly wind velocity, miles	7.1	7.4	8.1	8.5	8.2	7.4	6.5	6.0	6.1	6.6	6.8	6.8	7.1
NEW YORK, BUFFALO													
Temperature:													
Monthly mean	24.6	24.3	31.1	42.8	54.6	64.4	69.8	68.6	62.4	51.9	39.4	29.8	47.0
Daily mean maximum	31.4	30.9	38.8	50.0	61.7	70.1	76.4	75.5	69.9	58.3	45.6	35.3	53.7
Daily mean minimum	18.7	17.4	24.9	34.8	46.2	57.2	62.9	61.4	55.5	44.8	33.8	24.1	40.1
Highest on record	70	68	79	84	94	94	95	95	95	92	71	66	95
Lowest on record	−14	−13	−4	5	25	39	46	44	36	24	2	−9	−14
Precipitation:													
Total, inches	3.30	2.95	2.57	2.58	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	11	10	11	12	15	17	165
Total snowfall, inches	19.7	17.1	10.1	3.4	0.2	0	0	0	(1)	0.5	5.7	17.0	73.7
Percentage of possible sunshine	29	40	48	53	58	65	67	64	60	48	32	24	49
Number of clear days	2	3	5	7	8	8	9	9	9	7	3	1	71
Hourly wind velocity, miles	17.8	16.3	15.3	14.2	12.8	11.9	11.4	11.0	12.4	14.0	16.7	17.6	14.3
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	99	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	17.7	17.6	18.0	16.3	14.0	13.4	12.3	12.2	13.5	14.0	16.9	17.0	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	47.7	49.3	56.8	65.3	73.1	79.0	82.4	81.2	77.0	67.1	56.6	48.4	65.3
Daily mean minimum	29.1	30.0	36.5	43.6	51.6	59.1	62.6	61.9	56.7	44.8	35.7	30.1	45.1
Highest on record	75	78	87	89	91	95	97	96	95	85	76	78	97
Lowest on record	−5	−6	8	20	31	40	48	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	3.29	40.28
Days with 0.01 inch or more	10	10	12	11	12	14	15	14	10	7	7	10	132
Total snowfall, inches	3.2	2.5	3.0	0.4	(1)	0	0	0	0	0.2	0.5	1.9	11.7
Percentage of possible sunshine	49	53	55	60	60	60	58	57	59	63	60	48	57
Number of clear days	10	10	11	11	10	8	7	7	10	16	14	11	125
Hourly wind velocity, miles	9.6	9.9	10.2	9.4	7.3	5.9	5.4	5.3	5.7	7.0	8.8	9.2	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	18.3	21.9	34.9	54.7	66.2	75.3	82.3	80.7	70.6	56.8	38.7	24.8	52.1
Daily mean minimum	−2.4	1.3	14.4	31.6	42.3	52.5	57.4	54.8	45.0	33.1	18.1	5.2	29.5
Highest on record	60	64	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	5.6	5.2	7.5	2.8	0.8	(1)	0	0	(1)	1.2	4.9	6.1	34.1
Percentage of possible sunshine	53	58	56	58	58	62	72	68	62	59	51	49	59
Number of clear days	11	11	11	12	12	12	17	17	15	13	11	11	153
Hourly wind velocity, miles	8.5	8.8	9.7	10.9	10.2	9.5	8.5	8.4	8.9	9.0	8.7	8.3	9.1

[1] Trace.

No. 136.—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	3.20	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	11.4	11.8	11.8	11.5	9.9	9.0	8.2	8.0	8.6	9.5	11.1	11.1	10.2
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	47.0	50.9	61.2	70.7	77.4	86.5	91.0	91.5	84.8	73.1	60.2	48.7	70.2
Daily mean minimum	27.3	29.5	38.5	49.0	57.7	66.6	70.2	69.4	63.1	50.9	39.0	29.6	49.2
Highest on record	83	90	97	96	98	106	106	108	103	97	86	79	108
Lowest on record	−11	−17	4	22	33	46	55	49	35	18	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	9	7	7	7	6	5	6	83
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	59	61	63	64	72	77	77	74	66	64	58	66
Number of clear days	13	12	13	12	11	14	16	17	17	17	16	14	172
Hourly wind velocity, miles	11.2	12.1	13.2	13.1	11.6	10.3	8.9	8.6	9.6	10.0	10.9	10.9	10.9
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	61.0	66.9	72.0	78.2	77.8	71.5	62.5	52.2	46.0	61.3
Daily mean minimum	34.1	36.4	39.8	43.1	48.0	52.7	56.3	56.1	52.1	46.9	40.7	36.5	45.2
Highest on record	64	68	83	93	99	101	104	98	97	86	73	65	104
Lowest on record	−2	7	20	28	32	39	43	43	35	30	14	3	−2
Precipitation:													
Total, inches	6.60	5.36	3.91	2.87	2.19	1.52	0.61	0.64	1.98	3.12	6.10	6.72	41.62
Days with 0.01 inch or more	19	17	17	15	13	10	3	4	8	12	17	19	154
Total snowfall, inches	5.9	3.3	0.6	(1)	(1)	0	0	0	0	0	0.5	3.4	13.7
Percentage of possible sunshine	26	33	40	48	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	6.5	6.5	6.4	6.2	6.0	5.8	5.9	5.4	5.4	5.2	6.1	6.5	6.0
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	38.7	39.9	48.7	60.6	72.0	80.0	84.1	82.1	76.5	64.4	50.7	41.1	61.6
Daily mean minimum	23.6	23.8	31.3	41.2	51.9	60.5	64.8	62.9	57.3	45.8	35.8	27.3	43.8
Highest on record	75	77	84	90	95	98	103	103	102	91	79	73	103
Lowest on record	−12	−20	1	11	27	39	49	45	35	20	1	−9	−20
Precipitation:													
Total, inches	3.05	2.62	3.03	2.92	3.21	3.81	4.05	3.23	2.58	2.52	2.29	2.86	36.17
Days with 0.01 inch or more	16	14	15	13	13	12	12	10	9	10	12	14	150
Total snowfall, inches	8.8	7.6	5.8	2.1	(1)	0	0	0	0	0.2	1.7	6.4	32.6
Percentage of possible sunshine	32	37	46	49	58	63	64	61	62	55	40	29	50
Number of clear days	4	5	6	7	9	8	9	10	10	6	3	3	87
Hourly wind velocity, miles	12.2	12.3	12.4	11.6	9.8	9.2	8.7	8.2	8.7	9.5	11.4	11.8	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	37.2	36.1	45.3	55.8	66.8	75.6	80.9	78.7	72.4	62.5	50.1	39.7	58.4
Daily mean minimum	21.7	20.4	28.9	37.8	47.9	56.7	63.0	61.1	54.6	44.9	35.1	25.5	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	10	12	11	12	10	10	10	8	9	10	11	125
Total snowfall, inches	8.9	9.6	5.3	1.4	(1)	0	0	0	0	(1)	0.5	5.3	31.0
Percentage of possible sunshine	50	56	60	59	60	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	12.9	12.8	13.5	13.0	11.3	10.0	9.0	8.8	9.1	10.8	11.7	12.2	11.3

[1] Trace.

No. 136.—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	58.1	59.7	65.4	72.1	79.6	85.4	88.0	87.2	83.0	74.7	66.0	59.3	73.2
Daily mean minimum	42.8	44.7	50.1	57.1	65.7	72.3	75.1	74.5	70.8	60.8	50.7	44.3	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	63	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	9	9	9	7	9	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	68	65	65	68	67	68	55	65
Number of clear days	10	10	12	13	12	8	8	8	10	14	13	11	129
Hourly wind velocity, miles	10.0	10.1	10.5	10.3	10.0	9.5	9.3	9.0	9.7	10.1	9.4	9.5	9.8
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	22.8	26.2	40.3	58.2	68.6	78.4	84.4	82.9	74.2	60.6	42.5	29.1	55.7
Daily mean minimum	1.5	5.1	19.2	34.0	44.3	55.0	59.7	57.4	48.0	35.4	20.7	8.8	32.4
Highest on record	64	70	85	94	97	108	108	108	106	94	79	65	108
Lowest on record	−43	−37	−25	5	20	31	41	33	18	−6	−28	−34	−43
Precipitation:													
Total, inches	0.56	0.54	0.91	2.24	2.98	3.79	3.16	2.46	1.57	1.28	0.59	0.57	20.65
Days with 0.01 inch or more	7	6	8	9	11	11	9	9	7	7	5	6	95
Total snowfall, inches	5.9	4.7	5.6	1.5	0.1	0	0	0	(1)	0.6	3.2	5.0	26.6
Percentage of possible sunshine	57	64	62	63	65	69	75	71	64	59	54	51	63
Number of clear days	11	10	10	10	11	11	14	14	13	13	11	11	139
Hourly wind velocity, miles	10.9	11.1	11.9	13.0	12.0	10.7	9.6	9.0	10.9	11.0	10.6	10.2	10.9
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	48.9	50.3	58.8	69.0	77.9	85.5	88.6	87.5	82.2	71.6	58.2	49.4	69.0
Daily mean minimum	31.0	32.5	40.3	49.6	58.2	66.6	70.0	68.5	62.1	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	2.4	2.8	1.5	0.1	(1)	0	0	0	0	(1)	0.3	1.5	8.6
Percentage of possible sunshine	44	48	52	60	65	68	71	69	69	65	55	43	59
Number of clear days	8	7	9	9	10	9	11	12	13	15	11	9	123
Hourly wind velocity, miles	10.2	10.5	11.2	10.9	8.7	7.4	6.8	6.4	7.0	7.9	9.2	9.6	8.8
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	56.6	59.4	68.4	75.2	81.9	90.5	93.6	94.1	87.9	77.9	66.8	56.6	75.7
Daily mean minimum	35.6	38.1	46.4	54.3	62.4	70.4	73.6	73.7	67.5	55.5	46.3	37.2	55.2
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	0.9	0.6	0.3	(1)	0	0	0	0	0	(1)	0.1	0.6	2.5
Percentage of possible sunshine	60	61	69	69	71	77	81	81	79	72	67	61	71
Number of clear days	12	11	13	11	11	13	14	15	16	16	14	13	159
Hourly wind velocity, miles	10.5	11.1	12.0	12.0	10.9	10.5	9.4	8.8	8.8	9.2	9.7	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	59.3	61.9	67.3	73.6	80.0	85.7	87.9	87.9	84.7	77.7	68.5	61.7	74.7
Daily mean minimum	48.4	51.1	57.2	64.4	70.9	76.8	78.6	78.5	75.4	67.8	58.0	50.8	64.8
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	11	100
Total snowfall, inches	(1)	0.3	0	0	0	0	0	0	0	0	0	(1)	0.3
Percentage of possible sunshine	52	52	56	63	69	76	73	71	70	73	61	50	64
Number of clear days	10	9	10	11	12	15	14	15	15	18	13	10	152
Hourly wind velocity, miles	11.5	11.7	11.8	12.2	11.3	10.2	9.0	8.5	9.7	10.2	10.9	11.3	10.7

[1] Trace.

No. 136.—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	62.7	66.3	73.1	79.6	85.0	91.2	94.0	94.6	89.3	81.4	71.0	63.3	79.3
Daily mean minimum	42.6	45.4	51.7	58.8	65.2	71.1	73.1	73.2	69.3	60.0	51.1	44.2	58.8
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	53	57	57	62	70	73	75	68	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	7.7	8.8	8.9	8.7	8.1	7.6	7.2	6.6	6.8	6.8	7.3	7.3	7.6
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	41.2	50.4	59.7	68.7	79.5	88.4	86.5	76.1	62.7	49.5	38.5	61.5
Daily mean minimum	21.7	26.3	32.8	40.0	47.3	55.8	64.0	62.9	52.8	42.3	32.3	24.5	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	7	7	10	91
Total snowfall, inches	11.6	10.4	10.4	3.5	0.4	(1)	0	0	(1)	1.0	5.6	11.7	54.6
Percentage of possible sunshine	45	49	56	64	68	78	79	76	76	68	57	44	63
Number of clear days	9	7	10	10	12	17	18	17	18	16	12	8	153
Hourly wind velocity, miles	5.8	6.2	7.2	7.8	7.9	7.7	7.3	7.0	7.3	6.5	5.8	5.4	6.8
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	96	92	85	72	65	98
Lowest on record	−33	−35	−22	−1	18	28	34	31	20	9	−14	−41	−41
Precipitation:													
Total inches	2.35	2.25	2.56	2.28	2.75	3.19	3.58	3.53	3.07	2.86	2.93	2.49	33.84
Days with 0.01 inch or more	14	11	13	12	13	13	14	12	12	13	13	13	153
Total snowfall, inches	18.7	19.4	16.2	6.4	0.5	0	0	0	(1)	0.8	8.6	15.1	85.7
Percentage of possible sunshine	37	48	51	50	52	57	59	57	51	43	30	31	47
Number of clear days	6	6	7	6	6	6	5	6	8	6	4	4	69
Hourly wind velocity, miles	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, LYNCHBURG													
Temperature:													
Monthly mean	37.5	40.3	47.3	57.3	67.3	74.6	77.5	75.6	69.0	58.5	47.2	39.5	57.6
Daily mean maximum	46.4	48.7	57.0	66.9	76.7	84.0	87.5	85.0	79.6	69.1	57.5	48.4	67.2
Daily mean minimum	28.8	30.2	37.0	46.0	54.8	63.2	67.3	65.7	59.4	47.3	37.5	30.7	47.2
Highest on record	79	82	92	95	97	101	103	105	102	94	82	79	105
Lowest on record	−7	−3	11	20	34	43	50	47	35	26	9	−5	−7
Precipitation:													
Total inches	3.43	3.15	3.54	2.95	3.63	3.79	4.21	3.78	3.31	3.15	2.33	3.26	40.53
Days with 0.01 inch or more	11	10	11	10	11	12	11	12	9	8	8	9	122
Total snowfall, inches	4.8	3.6	2.7	0.4	(1)	0	0	0	0	0.1	0.4	2.9	14.9
Percentage of possible sunshine	47	55	60	63	68	68	73	68	67	65	56	47	61
Number of clear days	10	10	11	11	11	9	10	10	13	15	12	11	133
Hourly wind velocity, miles	5.8	5.5	6.8	6.6	5.4	4.7	5.9	5.5	4.1	4.7	5.4	5.6	5.5
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	47.2	51.5	57.4	62.9	67.9	73.0	72.6	68.3	58.2	50.7	45.9	58.2
Daily mean minimum	35.5	36.6	38.8	42.0	46.9	51.4	54.6	54.8	51.4	46.4	41.2	37.4	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. 136.—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	18	150
Total snowfall, inches	5.1	4.1	1.0	0.2	(1)	0	0	0	0	(1)	0.8	1.9	13.1
Percentage of possible sunshine	24	35	44	52	53	55	65	60	49	34	21	21	43
Number of clear days	3	3	5	6	6	7	13	13	9	5	2	3	75
Hourly wind velocity, miles	8.9	8.2	9.0	8.4	8.2	7.7	6.9	6.2	6.9	7.5	8.3	8.9	7.9
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	41.4	42.2	52.6	63.7	74.1	81.9	85.6	83.9	78.8	66.6	53.2	43.2	63.9
Daily mean minimum	25.2	25.5	33.6	42.7	52.4	61.0	64.8	63.3	57.2	45.1	35.5	27.8	44.5
Highest on record	74	77	89	93	96	99	104	106	99	91	81	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	3.33	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	6.8	6.7	4.3	1.0	(1)	0	0	0	0	0.1	1.2	4.6	24.7
Percentage of possible sunshine	29	36	42	49	54	58	63	58	58	50	35	27	47
Number of clear days	6	6	8	10	11	11	13	12	13	12	7	6	115
Hourly wind velocity, miles	6.5	7.0	7.2	6.7	5.2	4.6	4.3	4.1	4.2	4.8	5.9	6.1	5.6
WISCONSIN, GREEN BAY													
Temperature:													
Monthly mean	15.7	17.4	28.6	43.2	54.9	64.9	70.0	67.7	60.4	48.5	34.0	22.3	44.0
Daily mean maximum	23.6	25.6	36.8	52.0	64.3	75.1	80.3	77.3	70.0	56.9	41.2	29.0	52.7
Daily mean minimum	8.3	9.6	21.1	34.4	45.0	55.5	60.2	58.1	51.6	40.5	28.0	16.0	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	10	10	9	9	10	122
Total snowfall, inches	12.4	11.4	9.4	3.2	0.2	0	0	0	0	0.7	4.8	9.4	51.5
Percentage of possible sunshine	46	52	56	59	61	67	71	67	60	52	41	41	56
Number of clear days	7	7	7	7	7	6	8	8	8	7	5	6	83
Hourly wind velocity, miles	9.5	9.8	10.2	10.5	9.8	8.4	8.0	7.9	8.8	9.3	9.9	9.7	9.3
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	31.8	36.5	44.3	55.1	64.4	75.8	83.7	82.2	71.7	58.3	44.2	31.6	56.6
Daily mean minimum	5.4	9.2	19.1	29.5	38.1	45.5	51.5	49.5	40.0	29.4	17.6	6.2	28.4
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	8.4	12.0	13.1	4.3	0.4	0	0	1.9	9.1	6.8	8.0	69.1
Percentage of possible sunshine	66	70	71	66	64	74	74	74	70	65	58	62	68
Number of clear days	12	11	10	9	9	12	13	14	15	13	11	13	142
Hourly wind velocity, miles	3.9	3.9	5.0	5.5	5.5	5.1	4.6	4.4	4.4	3.8	3.7	3.4	4.4

[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. 137.—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	223,360	68,155	2,486	65,669	122,213	8,246	113,967	[3] 32,998	[3] 1,531	[3] 31,467
1901	200,606	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	203,335	84,459	4,209	80,251	118,926	8,075	109,851			
1910	200,378	80,718	4,439	76,279	119,660	9,156	110,505			
1912	213,313	91,461	4,650	86,811	121,852	9,142	112,710			
1914	225,819	97,760	4,883	92,877	128,043	8,792	119,251	[5] 16		[5] 16
1915	235,410	105,993	4,798	101,195	129,398	8,705	120,693	[5] 19		[5] 19
1916	244,483	107,841	5,025	102,816	132,194	8,589	123,605	[5] 4,648		[5] 4,648
1917	620,863	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
1918 (Nov. 11)	3,673,888	[12] 3,673,888	[12] 188,434	[12] 3,485,454						
1919	931,422	836,882	[13] 78,003	758,879	37,210	1,198	36,012	57,330	[8] 45,573	[5] 11,757
1920	363,540	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] 10,998	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] 88,808	[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] 101,017	[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

[1] Includes Philippine Scouts beginning with 1902. Figures for 1919 to 1923, 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, 1,252; 1928, 1,208; 1929, 1,138; 1930, 1,080; 1931, 1,028; 1932, 973.

[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

Source: Reports of the War Department.

No. 138.—NATIONAL GUARD: ORGANIZED STRENGTH, JUNE 30, 1932

State or Territory	Officers [1]	Enlisted men	State or Territory	Officers [1]	Enlisted men	State or Territory	Officers [1]	Enlisted men
Total	13,549	173,863	Kentucky	216	2,546	Ohio	647	8,004
			Louisiana	141	1,812	Oklahoma	411	4,922
Alabama	214	2,509	Maine	186	2,314	Oregon	216	2,854
Arizona	77	1,150	Maryland	262	3,151	Pennsylvania	867	11,270
Arkansas	158	2,009	Massachusetts	687	9,095	Puerto Rico	90	1,424
California	469	6,028	Michigan	344	4,299	Rhode Island	164	1,835
Colorado	142	1,737	Minnesota	361	4,715	South Carolina	145	2,043
Connecticut	319	4,064	Mississippi	125	1,640	South Dakota	107	1,254
Delaware	56	791	Missouri	313	4,234	Tennessee	211	2,438
Dist. of Col.	72	985	Montana	73	1,162	Texas	620	7,695
Florida	181	2,363	Nebraska	111	1,478	Utah	135	1,257
Georgia	259	3,479	Nevada	8	124	Vermont	86	1,128
Hawaii	102	1,593	New Hampshire	77	995	Virginia	261	3,617
Idaho	112	1,190	New Jersey	353	4,641	Washington	221	2,488
Illinois	658	8,895	New Mexico	78	964	West Virginia	128	1,842
Indiana	380	4,401	New York	1,433	19,478	Wisconsin	356	4,445
Iowa	272	3,481	North Carolina	262	3,239	Wyoming	52	589
Kansas	254	2,960	North Dakota	79	1,119			

[1] Includes 204 warrant officers.

No. 139.—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		
1916	4,134	54,234	638	9,170	646	14,981		
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	7,881	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	1,173	17,956	250	2,047
1927	8,904	83,566	3,771	26,293	1,200	18,000	378	5,585
1928	8,856	84,276	4,091	27,072	1,193	17,822	413	8,366
1929	8,905	85,284	3,978	28,321	1,182	17,615	445	9,119
1930	8,985	84,372	7,902	31,777	1,212	18,172	488	10,265
1931	9,200	80,303	7,549	34,586	1,194	17,586	536	9,425
1932	9,423	81,093	7,860	34,802	1,196	15,355	557	8,437

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

No. 140.—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
1929	733	2,321,946	559	1,342,508	174	979,438
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

Sources: Table 183, War Department; Tables 139 and 140, Navy Department.

No. 141.—VESSELS OF THE U. S. NAVY FIT FOR SERVICE (INCLUDING THOSE UNDER REPAIR): NUMBER AND DISPLACEMENT, BY TYPES, DECEMBER 31, 1932

NOTE.—Displacements of combatant vessels are given as standard displacements (displacements arrived at in accordance with the terms of the London Treaty for the Limitation and Reduction of Naval Armament); of all other vessels, load displacements. Vessels under construction December 31, 1932, were as follows: 6 heavy cruisers (60,000 tons), 1 aircraft carrier (13,800 tons), 3 destroyers (12,000 tons), 2 submarines (2,260 tons); total, 17 vessels (88,060 tons). In addition, the construction of 3 heavy cruisers, 5 light cruisers, 1 destroyers, 1 submarine, and 1 transport had been authorized but contracts not placed

Class and type	In commission		Out of commission		Class and type	In commission		Out of commission	
	Number	Displacement	Number	Displacement		Number	Displacement	Number	Displacement
Grand total	**364**	**1,428,864**	**237**	**592,655**	**Patrol vessels, total**	**44**	**16,090**	**19**	**6,040**
Battleships, total	**15**	**455,400**			Eagles	12	5,160	13	5,590
Not over age	14	429,300			Submarine chasers	18	1,350	6	450
Over age	1	26,100			Gunboats	4	4,840		
Cruisers, total	**20**	**160,700**			River gunboats	3	3,120		
Heavy cruisers—					Converted yachts	2	1,620		
Not over age	9	82,850			**Auxiliaries, total**	**65**	**456,670**	**41**	**369,630**
Over age	1	7,350			Destroyer tenders	6	60,950	2	21,750
Light cruisers—					Submarine tenders	5	40,500	2	17,570
not over age	10	70,500			Aircraft tenders	1	11,500	1	19,250
Aircraft carriers—					Repair ships	2	18,720	1	8,100
not over age	3	[1] 77,500			Store ships	2	21,100	3	39,460
Destroyers, total [2]	**102**	**117,010**	**120**	**119,170**	Colliers			3	57,640
Not over age	13	15,370	1	1,190	Oilers	10	135,800	9	139,550
Over age	89	101,640	119	117,980	Ammunition ship	1	10,600	1	10,600
Submarines, total	**55**	**52,630**	**27**	**15,160**	Cargo ships	3	26,230	3	33,450
Not over age	46	45,420	4	3,160	Transports	2	20,700		
Over age	[3] 8	4,500	23	12,000	Hospital ships	1	9,800	1	9,450
Mine laying—not over age	1	2,710			Ocean-going tugs	19	17,780	15	12,810
Mine vessels, total	**34**	**33,200**	**19**	**27,850**	Submarine rescue vessels	6	7,290		
Mine layers	1	4,200	3	11,850	Miscellaneous	7	75,700		
Light mine layers—over age	4	4,640	8	9,280	**Unclassified**	**16**	**59,664**	**11**	**54,805**
Mine sweepers	29	24,360	8	6,720					

[1] Excludes weight allowance under Washington Treaty for providing against air and submarine attack.
[2] In addition there were 15 destroyers (over age) of 15,220 tons, operated by U. S. Coast Guard.
[3] Includes *S-4*, which is in commission as a special experimental vessel without propulsive machinery.

No. 142.—AMERICAN NATIONAL RED CROSS: EXPENDITURES OF THE NATIONAL ORGANIZATION AND ADULT MEMBERSHIP, YEARS ENDED JUNE 30

NOTE.—All figures in thousands of dollars. Expenditures do not include chapter budgets. Total Continental United States adult membership (including Alaska) and per cent of total population for recent years are as follows: 1926–27, 2,995,846 (2.5 per cent); 1927–28, 3,975,155 (3.4 per cent); 1928–29, 4,019,316 (3.4 per cent); 1929–30, 4,005,513 (3.3 per cent); 1930–31, 3,952,136 (3.2 per cent); 1931–32, 3,899,650 (3.2 per cent). Total adult membership, including insular territories and possessions, 1931–32, 4,004,459

	1924–1929, total	1927	1928	1929	1930	1931	1932
Total	**72,006**	**11,380**	**19,866**	**11,064**	**4,255**	**15,182**	**8,558**
Domestic operations:							
Service to disabled veterans	7,816	1,161	862	738	883	740	463
Service to men of the Regular Army and Navy	1,851	308	307	308	300	372	374
Disaster relief	35,232	7,061	16,692	4,864	1,208	11,897	3,831
Enrolled Nurses' Reserve	272	45	46	44	41	42	42
Public health nursing	1,239	211	161	154	187	180	178
Home hygiene and care of the sick	395	48	86	88	77	71	75
Nutrition	393	54	64	71	48	45	41
First aid and life saving	1,538	239	297	301	274	272	302
Junior Red Cross	1,325	188	237	238	260	245	222
Other domestic operations	1,678	236	299	293	202	193	237
Insular and foreign operations:							
Relief in foreign disasters	16,122	257	213	3,343	134	442	188
League of Red Cross Societies	1,133	193	211	208	208	248	168
Junior Red Cross foreign projects	388	69	31	29	29	27	22
Assistance to insular chapters	839	76	64	66	85	76	77
Other insular and foreign work		48	29	40	23	41	40
Supervision of service activities and general management	1,782	265	268	278	296	296	295

Sources: Table 141, Navy Department, Table 142, The American Red Cross.

GENERAL NOTE.—Under the act of July 3, 1930, all governmental agencies affecting war veterans were consolidated into one establishment, the Veterans' Administration. The various forms of veterans' relief are summarized below.

Pensions are awarded to veterans and dependents of veterans of all wars whose claims are based on military or naval service prior to April 6, 1917, and after July 2, 1921. The average payments vary according to the age of the veteran and the war during which the service was rendered.

Domiciliary care is provided for all honorably discharged veterans who have been disabled by disease or wounds so as to be incapacitated for earning a living and who have no adequate *means of support.*

Compensation is awarded for death or disability resulting from personal injuries received or diseases contracted in the military or naval service on or after April 6, 1917, and before July 2, 1921, or for an aggravation or recurrence of a preexisting disability resulting from such service. The *rates of compensation* range from $8 per month for a temporary disability to $200 per month for double permanent total disability. In some instances a $50 allowance for an attendant is granted in addition to other compensation.

Disability allowance.—An amendment of July 3, 1930, provides for a disability allowance to ex-service men who served 90 days or more during the World War and who are suffering from a permanent disability of 25 per cent or more not acquired in service and for which compensation is not payable.

Yearly renewable term insurance.—During the period of the war and until July 2, 1927, yearly renewable term insurance ranging from $500 to $10,000 was issued. All term insurance not converted into permanent United States Government life insurance before July 2, 1927, lapsed. Claims upon such policies are paid in 240 monthly installments except where there is no beneficiary named or where the beneficiary named dies before receiving all of the payments, the remainder is paid in one sum.

Medical and hospital care.—In addition to compensation payments, the disabled person is furnished reasonable Government medical, surgical, and hospital service and supplies, and appliances considered reasonably necessary. Government hospital facilities are also available for veterans of the Spanish-American War, the Philippine Insurrection, the Boxer Rebellion, or the World War, suffering from neuropsychiatric or tubercular ailments and diseases, paralysis agitans, encephalitis lethargica or amoebic dysentery, or loss of sight of both eyes, whether such ailments or diseases are due to military service or otherwise. The administration is also authorized, as far as Government facilities permit, to furnish hospitalization and necessary traveling expenses to veterans of any war since 1897, without regard to the nature or origin of their disabilities. By act of June 11, 1930, retired enlisted men of the Navy and Marine Corps and transferred members of the Fleet Naval Reserve and the Fleet Marine Corps Reserve were placed on an equal footing with veterans entitled to hospitalization under previous acts.

Vocational rehabilitation.—Under the act of July 27, 1918, honorably discharged ex-service men who were unable to carry on in a gainful occupation successfully were provided with vocational training at Government expense. Rehabilitation activities of the bureau ceased with the close of the fiscal year 1928.

United States Government life insurance.—U. S. Government life insurance is issued in any multiple of $500, not less than $1,000 or more than $10,000, upon the payment of premiums at a net peace-time rate, with no extra charge for administration or excess mortality due to the hazards of war. (For forms of insurance see Table 147; for rates, Table 143, Statistical Abstract 1932.) The policies carry the usual provisions common to policies issued by commercial companies, such as extended insurance, paid-up insurance, cash surrenders, and loans. Dividends are also paid from excess of interest earnings and savings in mortality.

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

Retirement of disabled emergency officers.—The act of May 24, 1928, provides that all emergency officers who served during the World War who have a permanent disability incurred in line of duty of 30 per cent or more shall receive retirement pay and be entitled to the same privileges as provided for officers of the Regular Army, Navy, or Marine Corps who have been retired for physical disability incurred in line of duty.

No. 143.—DISBURSEMENTS FOR ACTIVITIES UNDER THE JURISDICTION OF THE VETERANS' ADMINISTRATION: YEARS ENDED JUNE 30

NOTE.—In thousands of dollars. Civil service retirement fund disbursements are not included

	Total to June 30, 1932	1928	1929	1930	1931	1932
Grand total	15,407,744	659,871	673,288	684,023	769,367	841,437
Administration, medical, hospital, and domiciliary services, 1932	94,079					94,079
Salaries and expenses	427,196	37,949	40,060	41,739	46,142	[1] 1,788
Medical and hospital services	426,540	30,167	29,809	32,185	36,750	[1] 6,528
Hospital and domiciliary facilities and services	65,204	5,222	4,044	8,242	9,040	12,876
National homes (net operating cost)	251,349	8,115	8,795	10,812	11,264	[1] 1,036
State and Territorial homes	37,642	575	584	585	590	786
Adjusted-service certificate fund	133,952	17,098	19,745	20,131	19,392	23,216
Adjusted service and dependent pay	43,304	10,153	6,453	3,130	2,463	2,480
Cost, maintenance, and expenses (pensions)	153,101	1,215	1,277	1,272	1,374	[1] 143
Paid as pensions	8,636,488	228,965	220,890	219,204	234,420	232,509
Military and naval compensation	2,205,241	181,799	188,930	199,229	253,960	313,291
Military and naval insurance [2]	1,497,745	120,771	121,349	122,769	117,924	123,740
Vocational training	644,865	234	[3] 3	[3] 20	[3] 22	[3] 17
Military and naval family allowances	282,091	[3] 25	[3] 3	1	3	6
Marine and seamen's insurance	35,078		1		2	
Miscellaneous	304	4	61	66	102	5
Trust funds	473,565	17,628	22,296	24,678	25,954	28,971
Allotment trust fund	300,844	[3] 36	36	1	2	3
U.S. Government life-insurance fund	172,412	17,664	22,302	24,677	25,952	28,737
Miscellaneous trust funds	309					231

[1] Disbursement from appropriations for previous years.
[2] $453,600,000 in premiums credited to this appropriation.
[3] Credit.

Source: Veterans' Administration.

No. 144.—COMPENSATION, EMERGENCY OFFICERS' RETIREMENT PAY, AND DISABILITY ALLOWANCE AWARDS: NUMBER, AVERAGE VALUE, AND DISBURSEMENTS

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		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	104,569	5,764	98,905	1,628			47,559	154,960		
1922	77,136	4,734	72,402	1,482			51,330	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	4,996	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	101	199,545	97,448	328,658	6,415	407,584

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		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			437	327	541		
1928	181,800	30,819	150,981			437	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	253,909	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

No. 145.—TERM AND CONVERTED INSURANCE AWARDS

	Total to June 30, 1932	Year ended June 30—				
		1928	1929	1930	1931	1932
Number of awards made during period or year:						
Term insurance—						
Total original awards	191,133	1,039	978	947	1,407	2,251
Original death	154,634	532	372	349	312	204
Original disability	36,499	507	606	598	1,095	2,047
Disability changed to death	19,519	680	938	810	664	1,050
Converted insurance—						
Total original awards	27,035	2,914	3,406	3,507	3,510	3,825
Original death	17,116	1,822	2,205	2,237	2,147	2,285
Original disability	9,919	1,092	1,201	1,270	1,363	1,540
Disability changed to death	2,325	218	264	344	353	370
Number of awards active at end of year:						
Term insurance		144,081	157,369	155,254	152,982	153,268
Death		133,107	145,425	143,053	140,369	139,265
Disability		10,974	11,944	12,201	12,613	14,003
Converted insurance		5,298	6,634	8,042	8,025	9,443
Death		2,075	2,532	3,006	2,016	2,251
Disability		3,223	4,102	5,036	6,009	7,192

Source of Tables 144 and 145: Veterans' Administration.

No. 146.—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	560,065	3,070,210	240,291	1,854,146	319,774	1,216,064	16,141	30,919
1924	562,600	2,984,573	209,385	1,609,031	353,215	1,375,543	14,604	35,345
1925	552,340	2,865,029	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	3,059,019	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

[1] Net premiums.

No. 147.—GOVERNMENT LIFE INSURANCE: CONVERTED INSURANCE ISSUED AND IN FORCE, BY PLAN

Plan	Issued to June 30, 1932					In force June 30, 1932	
	Number	Amount (1,000 dollars)	Average policy	Per cent of total		Number	Amount (1,000 dollars)
				Number	Amount		
Total	878,865	$3,914,882	$4,454	100.00	100.00	641,218	2,977,083
Ordinary life	185,333	940,664	5,076	21.09	24.03	141,478	749,965
20-payment life	214,577	906,573	4,225	24.41	23.16	165,359	718,359
30-payment life	34,414	173,140	5,031	3.92	4.42	28,929	148,107
20-year endowment	221,282	585,642	2,647	25.18	14.96	120,543	352,179
30-year endowment	43,697	183,739	4,205	4.97	4.69	33,700	143,779
Endowment at age 62	42,340	201,948	4,770	4.82	5.16	34,348	165,833
Convertible term	137,222	923,176	6,728	15.61	23.58	92,853	623,572
Extended insurance						24,008	75,289

No. 148.—GOVERNMENT LIFE INSURANCE FUND: FINANCIAL STATEMENT OF FUNDS FROM ORIGIN, MAY 31, 1919, TO JUNE 30, 1932

	Total to June 30, 1932	Year ended June 30, 1932		Total to June 30, 1932	Year ended June 30, 1932
Income, total	$733,203,004	$76,310,446	Disbursements—Contd.		
Premiums	588,796,030	64,818,710	Dividends	46,703,396	7,381,940
Interest on investments	69,959,858	5,690,251	Interest on dividend deposits	5,379	2,147
Repayments under sec. 302, World War Veterans' act 1924	57,810,991	6,080,041	Payments on matured endowments	552,899	254,999
Profit on sale of investments	8,467,385	500	Balance, total	560,790,977	
Interest on loans [1]	8,080,527	1,711,075	Investment and interest	130,236,580	
Interest on premiums	88,213	9,869	Loans on adjusted-service certificates	315,860,126	
Disbursements, total	172,412,027	26,736,667	Loans on policies	112,182,343	
Paid on claims	108,160,786	18,098,054	Cash on hand	2,511,928	
Paid on surrenders	16,989,567	2,999,527			

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

Source of Tables 146, 147, and 148; Veterans' Administration.

No. 149.—ADJUSTED COMPENSATION AWARDS TO JUNE 30, 1932

NOTE.—Loans on adjusted-service certificates during the year ended June 30, 1932, totaled $180,851,000; loans outstanding on June 30, 1932, amounted to $1,369,043,000 and were made to 2,584,582 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	3,945,918	3,695,262	3,391,873	3,131,229	484,212	491,617	69,831	72,416
Cash:								
Veterans ($50 or less)	149,170	5,001	138,006	4,761	10,631	232	533	18
Dependents (less than $50)	8,269	224	7,638	208	568	14	73	2
Dependents ($50 or over)[1]	110,502	38,718	98,020	33,685	9,813	3,980	2,663	1,053
Certificates	3,677,975	3,648,288	3,148,209	3,089,880	463,210	487,160	66,562	71,248
$60 lump sum payments		2,971		2,095		181		95

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

No. 150.—HOSPITALIZATION: VETERANS' ADMINISTRATION BENEFICIARIES

NOTE.—See general note, p. 147

Groups of hospitals and year (years ended June 30)	Capacity	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	26,031	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	26,130	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	43,934	6,985	19,528	16,821		
Veterans' Administration hospitals:								
1923	18,693	12,264	10,429	4,773	3,438	2,218	9,889	$21,839,009	[1] $4.91
1924	15,616	11,274	11,984	4,986	5,182	1,816	10,178	19,484,142	[1] 4.55
1925	20,504	15,855	15,743	6,913	7,433	2,297	12,818	23,354,485	[1] 4.04
1926	20,483	16,569	16,241	5,299	8,462	2,480	12,662	25,321,554	[1] 4.19
1927	20,646	17,305	16,911	5,023	9,081	2,807	12,653	25,282,431	[1] 4.00
1928	21,233	17,849	17,996	4,854	10,044	3,098	13,542	26,091,386	[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	5,135	12,034	3,612	12,297	28,520,167	[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	14,389	31,995,632	[1] 3.44
1932								
U. S. Marine hospitals	[2] 1,111	954	1,035	50	20	965			
U. S. Army hospitals	[2] 2,144	1,992	1,985	433	197	1,355			
U. S. Navy hospitals	[2] 5,226	4,383	4,764	194	408	4,162			
Veterans' Adm'n. Homes	6,730	5,928	5,829	1,007	885	3,937			
Interior Dept. hospitals	[2] 344	332	343		331	12			
Contract hospitals		2,298	2,403	520	1,426	457			

[1] Excludes hospitals which operated for only part of year under unnatural conditions.
[2] Represents only those hospital beds made available to patients of the Veterans' Administration.

No. 151.—VETERANS' ADMINISTRATION HOMES: AVERAGE NUMBER PRESENT BY MAJOR WARS AND THE COST PER CAPITA

	1920	1925	1927	1928	1929	1930	1931	1932
Average present, major wars, total	12,622	14,363	13,876	15,194	16,942	19,518	21,386	[1] 22,503
Civil War	9,845	5,027	2,775	1,823	1,355	1,280	942	708
Spanish-American War	2,524	5,099	5,273	5,469	5,761	5,979	6,099	5,572
World War	253	4,237	5,828	7,902	9,826	12,259	14,345	16,223
Cost per capita, maintenance	$393	$542	$545	$534	$519	$554	$527	$469

[1] The total number present for all wars, including Regular Establishment, was 24,522 on June 30, 1932.

Source of Tables 149, 150, and 151: Veterans' Administration.

No. 152.—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 144) 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
	Invalids	Widows, etc.	Total	In thousands of dollars			Invalids	Widows, etc.	Total	In thousands of dollars	
1866	55,052	71,070	126,722	15,450	407	1907	679,937	287,434	967,371	138,155	3,309
1870	87,521	111,165	198,686	29,351	600	1908	658,071	293,616	951,687	153,093	2,801
1875	122,989	111,832	234,821	29,270	982	1909	632,557	313,637	946,194	161,974	2,853
1880	145,410	105,392	250,802	56,689	935	1910	602,180	318,903	921,083	159,974	2,658
1885	247,146	97,979	345,125	65,172	3,393	1911	570,050	322,048	892,098	157,325	2,517
1886	270,346	95,437	365,783	64,091	3,245	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	646,896	179,835	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	285,070	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	1,408
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	228,963	1,215
1903	729,356	267,189	996,545	137,700	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	256,988	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)

PENSIONERS AND PENSIONS OF THE SEVERAL WARS

War	Total payments (1,000 dollars) 1790 to June 30, 1932	Number on rolls June 30—			Amount paid (thousands of dollars), year ended June 30—			Average pension at end of year		
		1920	1930	1932	1920	1930	1932	1920	1930	1932
Total	8,638,488	592,190	464,257	437,941	213,295	219,204	232,509	$340	$455	$518
War of the Revolution	70,000									
War of 1812	46,204	71	10	7	21	6	4	233	540	514
Indian wars	53,588	6,228	9,645	9,555	1,746	4,555	4,576	203	446	450
War with Mexico	60,139	2,571	630	478	677	305	326	240	586	584
Civil War	7,600,322	533,729	216,092	171,014	202,586	125,785	107,866	359	542	531
War with Spain	686,514	30,432	217,730	233,875	4,624	83,751	113,758	142	389	492
Regular Establishment	102,913	19,031	19,491	22,962	3,604	4,697	5,066	181	232	236
World War	296	128	59	50	37	15	13	228	261	251
Unclassified	16,513									

NUMBER RECEIVING SPECIFIED MONTHLY RATES OF PENSION JUNE 30, 1932 [2]

	$20	$25	$30	$35	$40	$50	$60	$75	$100	Other rates
Regular Establishment:										
Soldiers	44	40	2,822		43	444	7		12	14,004
Widows, etc	270	140	290	3	34	30	24			3,235
Civil War:										
Soldiers	2		1		1	22	4	11,110	19,628	56
Widows, etc	37		18,701		101,886	6,882				485
War with Spain:										
Soldiers	11,054	21,793	3,922	54,951	1,427	59,752	39,358			4,605
Widows, etc	889	23	35,508							48
Other wars:										
Soldiers	212	86	540		697	3,431	12		1	34
Widows, etc	5	4	4,353		5	449				3

[1] Cost, maintenance, and expenses of pension system included with that of Veterans' Administration.
[2] Includes pensioners under general pension laws only. In addition 14,522 persons received pensions by special legislation.

Source: Bureau of Pensions, Department of the Interior.

No. 153.—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 of employees two years before reaching the retirement age where they have rendered at least 30 years of service and also provides for the retirement of those in the service not less than 5 years who, before reaching the retirement age, become disabled. From the basic compensation of each employee within the scope of the acts there is deducted 3½ per cent (2½ prior to July 1, 1926) thereof for deposit to the credit of the retirement fund. All amounts deducted prior to July 1, 1930, and thereafter amounts deducted less $1 per month are credited to the employee's individual account. Under the amendment of May 29, 1930, annuities are composed of (1) a sum equal to $30 for each year of service not exceeding 30 and (2) the amount of annuity purchasable with the sum credited to the individual's account together with interest at 4 per cent per annum

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

June 30 or year ended June30—	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	Appropriations	Total [3]	Annuities	Refunds	
1921	6,471	5,947	52	------	------	12,586	12,514	------	2,914	2,591	323	9,673
1922	7,576	6,667	909	------	------	14,682	14,072	------	6,391	4,188	2,203	17,964
1923	9,334	7,994	1,340	------	------	15,166	14,113	------	7,741	4,964	2,786	25,379
1924	10,543	8,895	1,653	------	------	16,642	15,109	------	8,552	5,695	2,864	33,469
1925	11,689	9,741	1,948	------	------	20,029	17,905	------	9,028	6,239	2,713	44,470
1926	12,524	10,277	2,247	------	------	20,174	17,872	------	10,182	6,767	3,444	54,461
1927	14,119	11,353	2,766	------	------	27,168	24,187	------	13,395	9,598	3,862	68,235
1928	15,383	12,173	3,210	------	------	29,503	26,331	------	14,752	10,990	3,771	82,985
1929	16,501	12,924	3,577	------	------	52,520	28,016	19,050	16,003	12,005	4,067	119,442
1930	17,768	12,504	3,994	1,270	------	55,447	28,915	20,500	18,126	13,108	5,049	156,703
1931	22,650	15,357	4,947	1,374	972	58,277	29,698	21,000	23,992	19,860	4,160	191,017
1932	25,567	16,600	5,973	1,404	1,590	61,442	31,517	21,000	27,470	23,554	3,925	[4] 223,588

	1931	1932
Number on the roll June 30 by—		
Sex and cause of retirement—		
Male	20,783	23,398
Retired for age	14,381	15,551
Retired for disability	4,212	5,056
Involuntary separation	1,285	1,310
30 years' service	905	1,481
Female	1,867	2,169
Retired for age	976	1,049
Retired for disability	735	917
Involuntary separation	89	94
30 years' service	67	109
Departments—		
State	13	20
Treasury	2,041	2,228
War	2,001	2,217
Justice	50	68
Post Office	12,229	13,836
Navy	3,133	3,578
Interior	775	833
Agriculture	539	606
Commerce	242	288
Labor	108	112
District of Columbia	190	251
Government Printing Office	699	752
Superintendent of Public Buildings and Parks	115	140
Interstate Commerce Commission	20	23
Veterans' Administration	132	260
Architect of the Capitol	39	40
Library of Congress	30	42
General Accounting Office	132	161
Smithsonian Institution	37	43
All others	125	69

	1931	1932
Number on the roll June 30 by—		
Vocations—		
Mechanics	4,923	5,552
City letter carriers	4,153	4,722
Rural letter carriers	3,483	3,779
Post-office clerks	2,244	2,709
Railway postal clerks	1,699	1,871
Departmental	4,175	4,620
Laborers	1,519	1,801
Hazardous occupations and tropical service	379	385
Indian field service	75	128
Rates per annum—		
Less than $100	2	2
$100–$199	19	25
$200–$299	149	230
$300–$399	428	1,558
$400–$499	849	1,056
$500–$599	1,487	1,616
$600–$699	1,782	1,909
$700–$799	1,592	1,667
$800–$899	2,000	2,041
$900–$999	2,649	2,775
$1,000–$1,099	2,248	2,506
$1,100–$1,199	1,819	2,171
$1,200	7,441	8,745
$1,201–$1,200	185	264
$1,300–$1,399	------	2
Average annual rate	$952	$955
Average value of retirement roll	21,503	24,425

[1] Involuntary separation included with age prior to 1930.
[2] Includes receipts from interest, profits, and miscellaneous sources not shown separately.
[3] Total after taking into consideration certain accounting-office adjustments not shown separately.
[4] After adjustment on account of transfer of $1,430,808 to Canal Zone retirement and disability fund.

Source: Veterans' Administration.

No. 154.—EXECUTIVE CIVIL SERVICE AND THE MERIT SYSTEM

June 30—	Approximate number of employees	Approximate number of classified employees	June 30—	Approximate number of employees	Approximate number of classified employees	June 30—	Approximate number of employees	Approximate number of classified employees
1816	6,327		1901	256,000	106,205	1923	548,531	411,398
1821	8,211		1905	349,000	171,807	1924	554,980	415,593
1831	19,800		1911	370,000	227,657	1925	564,718	423,538
1841	23,700		1913	443,605	282,597	1926	560,705	422,300
1851	33,300		1915	461,993	292,208	1927	559,138	422,998
1861	49,200		1916	438,057	296,926	1928	568,715	431,763
1871	53,000		1918	[1] 917,760	642,432	1929	587,995	445,957
1881	107,000		1920	[2] 691,116	497,603	1930	608,915	462,083
1884 (Jan. 15)		13,780	1921	[2] 597,482	448,112	1931	616,837	468,050
1891	166,000	33,873	1922	560,863	420,688	1932	[3] 578,231	467,161

[1] As of Nov. 11. [2] As of July 31.
[3] Excludes clerks at third-class post offices (13,200) and postal contractors (22,510) previously included.

No. 155.—EMPLOYEES IN THE FEDERAL EXECUTIVE CIVIL SERVICE

NOTE.—Does not include legislative or judicial services nor the commissioned, warranted, or enlisted personnel of the military, naval, Marine Corps, or Coast Guard services. The government of the District of Columbia is also not included

Department or office	Total				Dec. 31, 1932				
	June 30, 1916	July 31, 1921	Dec. 31, 1926	Dec. 31, 1931	Total	In District of Columbia		Outside District of Columbia	
						Male	Female	Male	Female
Total	438,057	597,482	546,341	606,368	[1] 564,103	39,928	26,374	439,447	58,354
Department of State	2,783	3,733	4,270	4,944	4,686	419	383	2,892	[2] 992
Department of the Treasury	30,629	73,230	51,519	52,520	52,043	5,574	7,825	31,780	6,865
Department of War	37,695	68,544	37,076	46,360	49,101	2,059	1,777	41,119	4,146
Department of Justice	2,610	3,081	3,671	9,002	8,987	831	469	6,190	1,497
Post Office Department [3]	250,885	288,575	308,164	315,528	[1] 273,583	3,120	837	246,169	[2] 23,457
Department of the Navy	35,722	69,749	42,506	47,304	46,936	5,169	1,190	33,527	2,050
Department of the Interior	19,347	19,705	12,201	14,983	14,483	2,120	1,196	8,591	2,576
Department of Agriculture	18,736	19,179	20,624	28,127	26,371	3,251	2,398	17,697	3,025
Department of Commerce	9,903	13,046	11,537	20,709	17,816	3,568	1,709	11,638	910
Department of Labor	2,504	3,833	4,041	5,563	5,494	406	463	3,882	743
Government Printing Office	4,028	4,464	4,142	5,043	4,758	3,812	946		
Smithsonian Institution	784	487	488	566	545	403	142		
Interstate Com. Com'n	2,243	1,919	1,856	2,379	2,311	1,213	361	711	26
Civil Service Commission	250	385	444	624	623	191	258	101	73
Bureau of Efficiency	27	55	51	44	43	30	13		
Federal Trade Commission	238	318	302	530	472	291	133	32	16
Shipping Board [4]		6,575	1,551	968	666	300	201	118	47
Alien Property Custodian		162	233	127	118	61	57		
Tariff Commission		99	231	385	307	161	111	31	4
Employees' Comp. Com'n		79	68	178	176	39	80	23	34
Fed. Bd. for Voca'l Education		6,411	69	84	82	39	43		
The Panama Canal	19,291	9,355	9,690	10,200	9,888	64	13	9,274	537
Public Buildings and Parks of the National Capital	217	1,229	2,274	3,193	3,069	2,495	574		
General Accounting Office		1,544	1,984	2,002	1,974	1,216	758		
Veterans' Administration			23,587	33,607	34,111	2,021	3,571	18,060	10,459
Railroad Administration [5]		1,327	95	11	9	6	3		
National Advisory Committee for Aeronautics		(6)	164	315	309	21	23	244	21
Federal Reserve Board [5]	(6)	(6)	204	202	208	94	93	21	
Board of Tax Appeals			109	147	145	62	83		
Federal Radio Com'n					257	62	72	90	33
Federal Farm Board					233	111	107	14	1
Rec. Finance Corp'n					1,948	559	414	627	348
Reg'l Agr. Credit Corp's [5]					2,043			1,550	493
Miscellaneous	165	398	190	717	308	160	80	57	11
In District of Columbia	39,442	78,865	59,569	69,435	66,302				
Outside Dist. of Col	398,615	518,617	486,772	536,933	497,801				

[1] Does not include 13,200 clerks at third-class post offices nor 22,510 postal contractors who were previously reported as employees' of the Government.
[2] Approximate.
[3] Does not include clerks at fourth-class offices (32,732 in 1932), who are employed and paid by the postmaster, and mail messengers (21,988 in 1932).
[4] Figures include administrative offices of Emergency Fleet Corporation but not workmen at shipyards or in warehouses or employees on vessels.
[5] Positions not subject to the civil service act. [6] Separate figures not available. Included in miscellaneous.

Source of Tables 154 and 155: The Civil Service Commission.

No. 156.—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	3,129	1,400	11,693	7,338	3,914	932
1895	54,222	31,036	19,811	63.8	4,793	25,000	19,438	12,802	3,348	7,045	4,641	3,107	643	22,177	6,957	3,902	802
1900	94,893	46,602	34,965	75.0	9,889	37,000	16,584	11,447	3,931	8,696	4,488	3,844	736	49,197	25,530	19,674	5,222
1905	171,807	143,053	111,741	78.1	38,996	81,506	52,550	41,978	16,297	12,171	6,972	4,218	1,558	78,040	83,531	65,545	21,141
1909	234,940	158,484	123,449	77.9	40,943	122,711	57,568	45,468	11,441	15,967	15,724	11,336	1,392	96,262	85,192	66,645	28,110
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	8,972	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	40,258	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	39,310	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	[6] 41,935	165,646	103,678	70,257	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	2,027	1,867	8,297	433,693	492,196	344,787	175,661
1919	560,745	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	42,501	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	46,080	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
Total from July 16, 1883		6,848,451	4,332,621	63.2	1,852,412		2,214,064	1,434,964	577,196		338,157	207,001	62,463		4,296,230	2,690,656	1,212,753

[1] Includes clerks, city carriers, village carriers, and employees in motor-vehicle service at classified post offices, rural carriers, fourth-class postmasters, and soapost 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. 157.—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	436,184	114,753	259,257	13,523,519
1908	7,679,006	6,409,106	434,645	111,693	252,683	14,887,133
1912	3,483,922	6,286,214	926,090	4,126,020	208,923	15,031,169
1916	8,538,221	9,129,606	598,516	41,894	220,506	18,528,743
1920	16,152,200	9,147,353	950,974	265,411	189,408	26,705,346
1924	15,725,003	8,385,586	[4] 27,650	[1] 4,826,471	57,551	29,022,261
1928	21,392,190	15,016,443	289,023	6,390	20,106	36,879,414
1932	15,761,841	22,821,857	918,057	7,309	81,869	39,816,522
Alabama	34,675	207,910	2,030	----------	13	245,034
Arizona	36,104	79,264	2,618	----------	----------	118,251
Arkansas	28,467	189,602	1,260	----------	----------	220,562
California	847,902	1,324,157	63,299	----------	20,637	2,266,972
Colorado	189,617	250,877	14,018	409	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	19,363	234,118	461	----------	1,125	255,590
Idaho	71,312	109,479	526	----------	----------	186,620
Illinois	1,432,756	1,882,304	70,896	----------	6,388	3,407,926
Indiana	677,184	862,054	23,458	----------	10,399	1,575,927
Iowa	414,433	598,019	20,467	1,094	2,111	1,036,087
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	739,594	871,700	40,606	----------	2,893	1,664,628
Minnesota	363,959	600,806	25,476	5,731	----------	1,002,843
Mississippi	5,180	140,108	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	146,004	3,571	----------	183	266,170
South Carolina	1,978	102,347	82	----------	----------	104,407
South Dakota	99,212	183,515	1,551	----------	463	288,428
Tennessee	126,808	259,817	1,786	----------	1,995	390,638
Texas	97,959	760,348	4,450	----------	----------	863,426
Utah	84,795	116,750	4,087	----------	----------	206,579
Vermont	78,984	56,266	1,533	----------	----------	136,980
Virginia	89,637	203,979	2,382	15	1,843	297,942
Washington	208,645	353,260	18,089	----------	1,540	614,314
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 names not appearing on the electoral tickets specified in the table. In 1928 and 1932 they represent the entire vote cast, including in 1928, 48,770 votes (35 States) cast for the Workers electors and 67,951 scattering, defective, blank, and void ballots, and in 1932, 53,425 votes (10 States) cast for the Liberty electors, 102,991 votes (39 States) cast for the Communist electors, and 69,173 scattering ballots.

[3] Democrat-Populist.

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

[5] Includes 659 Industrialist votes.

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

No. 158.—ELECTORAL VOTE FOR PRESIDENT: BY PRINCIPAL POLITICAL PARTIES AND BY STATES, 1912 TO 1932

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

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

[1] See headnote.

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

No. 159.—APPORTIONMENT OF CONGRESSIONAL REPRESENTATION

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

State	Ratios under Constitution and censuses														
	Constitution	1790	1800	1810	1820	1830	1840	1850 [1]	1860 [2]	1870 [3]	1880	1890	1900	1910	1930
	30,000	33,000	33,000	35,000	40,000	47,700	70,680	93,423	127,381	131,425	151,911	173,901	194,182	211,877	279,712
	Representation														
Total	65	106	142	186	213	242	232	237	243	293	332	357	391	435	435
Alabama				[4] 1	3	5	7	7	6	8	8	9	9	10	9
Arizona														[5] 1	1
Arkansas						[4] 1	1	2	3	4	5	6	7	7	7
California							[4] 2	2	3	4	6	7	8	11	20
Colorado										[4] 1	1	2	3	4	4
Connecticut	5	7	7	7	6	6	4	4	4	4	4	4	5	5	6
Delaware	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Florida							[4] 1	1	1	2	2	2	3	4	5
Georgia	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10
Idaho											[4] 1	1	1	2	2
Illinois				[4] 1	1	3	7	9	14	19	20	22	25	27	27
Indiana				[4] 1	3	7	10	11	11	13	13	13	13	13	12
Iowa							[4] 2	2	6	9	11	11	11	11	9
Kansas									1	3	7	8	8	8	7
Kentucky		2	6	10	12	13	10	10	9	10	11	11	11	11	9
Louisiana				[4] 1	3	3	4	4	5	6	6	6	7	8	8
Maine				[6] 7	7	8	7	6	5	5	4	4	4	4	3
Maryland	6	8	9	9	9	8	6	6	5	6	6	6	6	6	6
Massachusetts	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15
Michigan						[4] 1	3	4	6	9	11	12	12	13	17
Minnesota								[4] 2	2	3	5	7	9	10	9
Mississippi				[4] 1	1	2	4	5	5	6	7	7	8	8	7
Missouri					1	2	5	7	9	13	14	15	16	16	13
Montana											[4] 1	1	1	2	2
Nebraska										[4] 1	1	3	6	6	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 bases used in compiling statistics of receipts and expenditures of the United States Government.—Four different bases are used in compiling both the receipts and expenditures of the Government. These bases, in the case of receipts, are the daily Treasury statements (unrevised and revised), warrants issued, and collections reported. The expenditures of the Government are published on the first three of these bases and also on the basis of checks issued. Figures in the daily Treasury statements (unrevised) which are on a current cash basis are compiled from the latest daily reports from the Treasury offices or public depositories. Owing to the distance of some of these offices and depositories from the Treasury, reports from them are somewhat delayed in reaching the Treasury, and consequently it is necessary to issue the unrevised Treasury statements before they are received. In order to show the actual receipts and expenditures for any month or year, it is necessary to take into account these delayed reports. The figures for actual transactions during a month or year which are calculated by the use of these reports are said to be on a basis of daily Treasury statements (revised). The unrevised figures are the basis of the Budget estimates submitted to Congress by the President.

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

Expenditures on the basis of checks issued (Table 166) 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 the gross figures of postal revenues and expenditures.

No. 160.—ORDINARY RECEIPTS AND EXPENDITURES CHARGEABLE AGAINST ORDINARY RECEIPTS: 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

Year and month	Ordinary receipts					Expenditures chargeable against ordinary receipts		
	Total	Customs[1]	Income taxes	Miscellaneous internal revenue	Miscellaneous revenue	Total	Ordinary	Public debt retirements
1931—January	125,605	28,808	30,065	42,749	23,983	413,796	413,796	(2)
February	118,614	28,107	34,059	41,671	14,777	191,425	191,425	(2)
March	433,801	31,807	334,830	47,349	19,815	720,286	393,454	326,782
April	148,208	31,798	29,667	43,765	42,978	432,366	432,349	17
May	124,405	27,463	28,701	47,207	21,034	285,892	285,892	
June	512,894	28,986	295,765	51,275	136,868	375,153	356,163	18,990
July	131,709	34,479	23,209	51,366	22,652	330,661	330,661	
August	122,141	38,241	23,370	43,896	16,633	328,838	328,838	
September	368,792	35,500	207,258	47,033	18,101	350,630	356,630	
October	134,049	35,176	25,285	46,596	27,593	416,472	416,472	
November	106,304	27,445	18,793	41,096	18,969	292,652	266,934	25,719
December	342,271	26,550	257,410	39,882	18,429	862,348	532,749	329,599
1932—January	107,748	27,181	20,494	39,833	20,241	232,927	232,919	8
February	97,140	23,191	22,306	35,594	16,052	370,986	370,982	4
March	275,032	23,231	195,411	39,354	17,036	385,486	385,458	29
April	98,822	21,383	19,772	35,493	22,174	543,759	543,753	6
May	91,635	18,004	22,675	36,296	14,661	447,619	417,619	30,000
June	244,089	17,373	161,357	46,332	19,026	443,210	415,944	27,266
Fiscal year 1932, total	2,121,228	327,755	1,057,336	503,670	232,437	5,006,590	4,593,961	412,630
1932—July	100,052	18,876	16,711	42,464	22,001	347,889	347,889	
August	111,133	24,116	15,416	54,584	17,016	257,084	257,084	
September	259,958	25,936	142,021	72,778	19,223	265,725	265,718	7
October	148,004	24,744	13,628	78,044	31,587	373,209	373,209	
November	124,507	24,051	14,712	66,029	19,115	246,159	246,159	
December	351,695	19,929	140,747	73,068	117,951	762,406	309,758	452,650
1933—January	134,044	18,352	15,629	69,703	30,360	247,785	245,740	2,045
February	121,312	16,443	24,475	64,376	16,018	213,091	213,086	5
March	283,186	17,444	180,712	67,214	17,815	282,368	282,368	
April	130,552	17,400	19,124	69,332	24,696	352,464	352,464	
May	167,152	20,516	16,436	93,519	36,682	270,053	263,157	6,896
June	306,162	22,943	146,594	106,506	30,119	411,352	411,351	1
Fiscal year 1933, total	2,238,356	250,750	746,206	858,218	383,182	4,029,585	3,567,980	461,605

[1] Beginning July, 1931, tonnage tax is included with miscellaneous revenue.
[2] Less than $500.

Source: Treasury Department.

No. 161.—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: Ordinary expenditures	Expenditures *chargeable against* ordinary receipts: Public-debt retirements	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]
1791–1800	6,765	6,835		−70	2,726	2,394	138	127
1801–1810	13,055	9,086		+3,969	[3] 296	4,261	403	390
1811–1820	21,032	23,942		−2,910	11,095	8,325	862	823
1821–1830	21,923	16,161		+5,762	[3] 1,500	6,780	1,400	1,415
1831–1840	30,460	24,494		+5,966	[3] 2,516	[3] 5,932	3,347	3,272
1841–1850	27,117	32,392		−5,275	[3] 12,559	6,762	4,391	4,359
1851–1860	60,237	60,162		+75	7,306	7,698	6,798	6,947
1861–1865	160,007	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	107,671	42,011	42,466
1885	323,691	260,227		+63,464	58	46,043	42,561	45,509
1886	336,440	242,483		+93,957	40	44,584	43,948	42,823
1887	371,403	267,932		+103,471	41	127,950	48,838	46,481
1888	379,266	267,925		+111,341	49	74,862	52,695	53,412
1889	387,050	299,289		+87,761	24	121,289	56,176	58,476
1890	403,081	318,041		+85,040	22	104,604	60,882	59,408
1891	392,612	365,774		+26,839	14	101,003	65,932	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	75,607
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	81,643
1897	347,722	365,774		−18,052	3	11,379	82,665	82,948
1898	405,321	443,369		−38,047	6	29,942	89,013	87,503
1899	515,961	605,072		−89,112	199,201	14,622	95,021	98,440
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	167,033	165,802
1907	665,860	579,129		+86,732	30,005	30,373	183,585	182,048
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	248	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	12,698,702	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	20,333,159	10,294,773	274,941	362,161
1920	6,694,565	6,408,344	78,746	+212,475	15,835,737	16,935,869	431,937	418,007
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	3,902,756	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	5,708,778	683,122	687,365
1928	4,042,348	3,103,266	540,255	+398,828	6,830,218	7,195,011	693,634	693,675
1929	4,033,250	3,298,869	549,004	+184,787	5,169,698	5,298,489	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	5,489,018	656,463	656,886
1932	2,121,228	4,593,961	412,630	−2,885,362	9,561,159	[4] 6,498,621	588,172	590,846

[1] Exclusive of the deposits made by banks to retire national bank and Federal reserve 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 1932 the 3½ per cent salary deductions are included.

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

[4] Not including net payments of $267,735,000 from credits established through purchase of obligations of Reconstruction Finance Corporation (treated as a public-debt transaction in accordance with Reconstruction Finance Corporation act).

Source: Annual Report of the Secretary of the Treasury.

No. 162.—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 the basis of warrants issued (net); beginning 1916, figures other than for sales of public lands are on the basis of daily Treasury statements (unrevised). See general note, p. 158.

Yearly average or year ended June 30—	Total ordinary receipts	Customs (including tonnage tax)	Internal revenue		Sales of public lands	Surplus postal receipts	Miscellaneous receipts
			Income and profits tax	Miscellaneous			
1791-1800	6,765	5,940	----------	444	[1] 10	[1] 36	334
1801-1810	13,055	12,046	----------	201	456	[1] 22	329
1811-1820	21,032	16,383	----------	1,544	1,623	50	1,429
1821-1830	21,923	19,852	----------	31	1,388	[2]	649
1831-1840	30,460	20,470	----------	5	7,462	[2]	2,533
1841-1850	27,117	24,366	----------	[1] 1	1,980	----------	768
1851-1860	60,237	54,498	----------	----------	4,582	----------	1,156
1861-1865	160,907	68,988	[3] 28,006	[1] 27,283	555	----------	19,994
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	[2]	116,697	1,025	----------	23,808
1881-1885	366,961	201,963	[4] 29	132,102	6,086	----------	26,799
1885	323,691	181,472	----------	112,499	5,706	----------	24,014
1886	336,440	192,905	----------	118,806	5,031	----------	21,098
1887	371,403	217,287	----------	118,823	9,264	----------	26,039
1888	379,266	219,091	----------	124,297	11,202	----------	24,676
1889	387,050	223,833	----------	130,882	8,039	----------	24,297
1890	403,081	229,669	----------	142,007	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	----------	232,004	7,453	----------	39,455
1905	544,275	261,799	----------	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	692,600	311,322	28,583	293,029	5,393	----------	54,283
1913	724,111	318,801	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	561,929	1,678,607	945,865	657	----------	820,077
1924	4,012,046	545,638	1,842,144	953,013	522	----------	670,728
1925	3,780,149	547,561	1,760,538	823,638	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	3,317,223	378,354	1,860,394	569,387	230	----------	508,868
1932	2,121,228	[5] 327,755	1,057,336	503,670	170	----------	232,296

[1] Averages are for entire 10-year period though there were no receipts under these items certain years.
[2] Less than $500.
[3] Average for 1863 to 1865.
[4] Average for 1881 and 1884.
[5] Exclusive of $1,606,000 tonnage tax. Beginning with the fiscal year 1932, tonnage tax has been covered into the Treasury as miscellaneous receipts.

Source: Annual Report of the Secretary of the Treasury.

No. 163.—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
1791–1800	6,835	980	1,732	[6] 882	31	97	----------	----------	3,111
1801–1810	9,086	1,870	1,632	1,636	164	78	----------	----------	3,703
1811–1820	23,942	2,589	10,742	4,675	317	741	----------	----------	4,877
1821–1830	16,161	3,144	3,918	3,295	599	1,247	----------	----------	3,956
1831–1840	24,494	5,616	8,321	5,041	2,612	2,572	----------	----------	[6] 331
1841–1850	32,392	7,452	12,815	7,237	1,384	1,700	----------	[6] 185	1,615
1851–1860	60,162	21,233	15,784	11,996	3,266	1,531	----------	3,574	2,776
1861–1865	683,785	25,894	547,752	65,329	3,203	4,858	----------	2,146	34,600
1866–1870	377,642	54,524	127,815	28,382	4,488	23,428	----------	[6] 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	15,900	5,405	35,051	----------	4,972	100,191
1881–1885	257,691	68,256	43,010	15,863	7,328	57,790	----------	[6] 1,703	63,742
1885	260,227	82,953	42,671	16,021	6,552	56,102	----------	4,542	51,386
1886	242,483	65,973	34,324	13,908	6,099	63,405	----------	8,194	50,580
1887	267,932	78,764	38,561	15,141	6,195	75,029	----------	6,501	47,742
1888	267,025	78,167	38,522	16,926	6,249	80,289	----------	3,056	44,715
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	46,805	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	54,508	31,701	10,293	141,177	----------	8,250	27,841
1895	356,195	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	131,689	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	131,639	137,326	110,474	12,747	141,035	----------	12,673	24,309
1907	579,129	145,642	140,775	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	135,502	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	170,530	208,350	139,682	20,215	173,440	----------	----------	22,864
1915	760,587	200,533	202,160	141,830	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	6,075,063	4,869,965	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	12,630	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	705,859	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	581,218	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	897,022	487,718	354,071	37,489	[7] 1,013,041		145,644	611,560
1932	4,593,961	1,637,139	478,889	357,821	32,608	[7] 1,053,114		202,876	599,277

[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] Prior to 1922 data represent expenditures by Bureau of War Risk Insurance and for vocational rehabilitation. They include operations in Government life insurance trust funds and adjusted-service certificate fund, all years.

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

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

[7] Expenditures of the Veterans' Administration, including former Veterans' Bureau, Bureau of Pensions, and Bureau of National Homes. Army and Navy pensions and fees of examining surgeons amounted to $233,324,000 in 1931 and $232,237,000 in 1932.

Source: Annual Report of the Secretary of the Treasury.

No. 164.—EXPENDITURES OF THE GOVERNMENT CHARGEABLE AGAINST

NOTE.—All figures in thousands of dollars. Figures are on the "current cash"

	1918	1919	1920	1921	1922
General expenditures, total [1]	6,693,908	11,747,271	3,231,852	3,079,884	2,135,866
Legislative establishment [2]	15,826	17,090	19,328	18,983	17,088
Executive proper [2 3]	9,663	17,407	6,676	210	219
State Department	9,893	20,706	13,586	8,781	9,667
Treasury Department [4 5]	152,500	227,278	322,316	488,037	209,105
War Department	4,850,687	8,995,880	1,610,587	1,101,615	454,731
Department of Justice	12,985	15,717	17,814	*17,206*	17,889
Post Office Department [6]	4,173	2,412	50,049	[7] 135,359	3,384
Navy Department	1,278,840	2,002,311	736,021	650,374	476,775
Interior Department [10]	244,557	288,286	279,245	357,815	331,814
Department of Agriculture	42,870	39,246	65,546	119,338	142,096
Department of Commerce	12,534	15,590	36,011	30,329	21,688
Department of Labor	5,469	12,943	5,415	8,503	6,227
Veterans' Administration [4]					[12] 376,750
Other independent offices and com'ns. [2 4]	12,715	75,376	59,469	119,943	*43,872*
District of Columbia [13]	14,447	16,014	19,988	22,715	23,732
Unclassified items	+26,470	+895	−4,400	−923	+232
Interest on public debt	189,743	619,216	1,020,252	999,145	991,001
Other special expenditures, total [1]	5,813,061	6,148,393	2,151,440	1,036,399	245,740
Refunds of receipts—					
Customs [5]					37,124
Internal revenue [5]					45,702
Postal deficiency [6]					*64,346*
Panama Canal	19,268	13,196	11,366	16,461	3,025
Special accounts [15]—					
Railroads	120,264	358,795	[11] 1,036,672	[7] 730,712	[11] *159,469*
War Finance Corporation	44,929	302,622	[16] *228,472*	[8] *32,028*	94,428
Shipping Board	770,682	1,820,607	*530,566*	*130,723*	*87,206*
Agricultural marketing fund (net)					
Alien property funds [3]					1,826
Grain Corporation			[10] 350,328	[10] 90,353	[10] 32,000
Food and Fuel Administrations	54,860	87,338			
Sugar Equalization Board					[8] *15,287*
Purchase of obligations of foreign gov'ts	4,738,030	3,479,255	421,337	73,897	718
Purchase of Federal farm loan bonds	65,018	80,580	29,044	16,781	
Subscription to stock, Federal land banks					
Subscription to stock of Reconstruction Finance Corporation					
Adjusted service certificate fund					
Civil service retirement fund [10]					9,283
Investment of trust funds—					
Government life insurance [5]					24,590
Dist. of Col. teachers' retirement [14]					*231*
Foreign Service retirement					
Canal Zone retirement fund					
General railroad contingent					
Total ordinary	12,606,702	18,514,880	6,403,344	5,115,928	3,372,608
Public debt retirements (chargeable against ordinary receipts) from—					
Sinking fund				261,190	276,046
Debt repayments from foreign countries, including U. S. bonds		7,922	72,670	73,939	64,838
Estate taxes		93	3,141	26,349	21,035
Franchise taxes, Federal reserve and Federal intermediate credit banks	1,134		2,922	60,725	60,333
Forfeitures, *gifts*, etc			13	169	393
Total	1,134	8,015	78,746	422,282	422,995
Total expenditures chargeable against ordinary receipts	12,697,837	18,522,895	6,482,090	5,538,209	3,795,302

[1] Totals prior to 1922 are not comparable with later years because of changes in classification of general and special 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 independent offices and commissions. Figures shown under Veterans' Administration represent Veterans' Bureau for 1922 to 1930. In 1931, Veterans' Bureau, Bureau of Pensions, and Bureau of National Homes were consolidated into one establishment.

[5] Refunds of customs and internal revenue receipts and investments of Government life insurance fund included under Treasury Department and postal deficiency under Post Office Department prior to 1922.

[6] Bureau of Prohibition transferred from Treasury Department to Department of Justice on July 1, 1930.

[7] Post Office Department expenditures for 1921 include $65,576,000 paid to the Railroad Administration. This resulted in a corresponding decrease in expenditures for Federal control of transportation.

[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 fund, established May, 1920, included under Interior Department prior to 1922.

ORDINARY RECEIPTS: By Major Classifications, Years Ended June 30
basis, according to daily Treasury statements, unrevised; see general note p. 158

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
1,950,041	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
14,165	14,316	13,856	15,776	19,678	16,402	17,547	19,987	23,979	27,318
349	451	412	439	612	589	487	690	507	424
15,463	14,669	15,054	16,521	16,498	11,607	13,285	14,170	15,688	19,292
145,017	137,411	128,232	136,579	151,560	195,649	200,447	193,114	[5] 204,569	287,744
392,734	348,630	361,888	355,072	360,809	390,541	416,902	453,525	478,419	468,227
23,521	21,134	23,496	23,774	24,819	27,600	28,892	32,483	[6] 44,333	52,330
147	187	[8] 80	96	180	277	[9] 43,091	58	82	126
333,201	332,249	346,142	312,743	318,909	331,335	304,562	374,166	354,071	357,321
354,623	328,228	302,441	[11] 301,759	302,707	299,000	301,123	290,028	[12] 71,500	91,363
128,746	141,116	164,644	155,350	156,287	159,915	171,147	177,581	296,866	318,076
21,784	21,430	25,783	[11] 29,132	30,940	34,383	39,987	54,299	61,477	52,700
7,241	6,620	9,678	8,545	9,922	9,821	11,311	10,654	12,182	14,702
[13] 461,719	[13] 409,121	[13] 384,716	404,692	391,470	401,325	417,280	446,956	729,199	807,765
28,712	28,262	27,683	32,069	35,443	35,631	40,309	49,496	49,969	53,917
24,054	25,873	32,713	34,411	37,567	39,400	40,117	45,080	47,798	48,423
−1,436	−1,234	+347	−233	+449	−199	+18	+422	−102	+251
1,055,924	940,603	881,807	831,938	787,020	731,764	678,330	659,348	611,560	599,277
288,663	279,612	344,294	438,947	329,152	418,173	514,026	618,212	777,881	1,393,306
28,737	20,567	22,921	27,745	20,321	21,857	21,826	24,092	21,369	17,203
125,279	127,220	147,777	182,220	117,412	148,286	190,728	133,852	69,888	83,922
32,527	12,639	23,217	39,506	27,263	32,080	[9] 94,700	91,714	145,644	202,876
4,317	8,387	9,093	9,018	8,305	10,449	9,046	11,329	9,299	10,662
114,145	35,742	7,205	2,726	1,043	[8] *620*	[8] *1,858*	[8] *4,796*	[8] *246*	[8] *1,644*
[8] *109,436*	[8] *52,540*	[5] *42,902*	[8] *19,691*	[5] *27,066*	[8] *3,815*	[5] *611*	[8] *59*	172	[5] *12*
57,024	85,491	30,305	23,043	19,011	34,882	15,889	31,695	33,962	51,541
							149,958	190,541	136,239
[8] *1,366*	[5] *1,161*	4,018	3,516	[8] *496*	[8] *351*	[8] *1,345*	969	1,186	221
2,482									
									125,000
									500,000
		99,459	120,152	115,219	111,818	111,773	112,313	224,216	193,964
8,091	8,028	9,746	10,816	[5] *425*	100	19,955	20,434	20,304	20,860
26,672	30,410	31,992	38,290	47,316	61,702	52,160	43,469	59,626	51,385
191	233	258	297	290	514	503	517	571	602
		83	100	87	81	282	313	337	205
									[8] *26*
	4,584	1,124	1,209	871	1,180	978	2,412	962	308
3,294,628	3,048,678	3,063,105	3,097,612	2,974,030	3,103,265	3,298,859	3,440,269	3,779,868	4,593,961
284,019	295,987	306,308	317,092	333,528	354,741	370,277	388,369	391,660	412,555
100,393	149,388	159,180	169,654	179,216	181,804	176,214	160,926	48,246	
6,569	8,897	48			2	20	73		1
10,815	3,635	794	568	1,232	618	2,933	4,455	91	21
555	93	208	63	5,578	3,090	160	61	85	53
402,850	458,000	466,538	487,376	519,555	540,255	549,604	553,884	440,082	412,630
3,697,478	3,506,678	3,529,643	3,584,988	3,493,585	3,643,520	3,848,463	3,994,152	4,219,950	5,006,590

[11] Patent Office and Bureau of Mines transferred from Interior Department to Commerce Department under executive orders of Mar. 17, 1925, and June 4, 1925, respectively.
[12] Bureau of Pensions, formerly under Interior Department transferred 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] *Figures are net and allow for receipts and deposits credited to the account concerned.*
[16] Includes $228,399,000 payments on certificates of indebtedness of Director General of Railroads.
[17] 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 on these accounts were included under miscellaneous receipts.
[18] Deduct, excess of credits resulting from deposits by War Finance Corporation of proceeds of United States securities redeemed.
[19] Includes $350,000,000 in 1920, $100,000,000 in 1921, and $25,000,000 in 1922 applied by U. S. Grain Corporation to reduction of capital stock and reflected in miscellaneous receipts for those years; the 1921 figure represents net expenditures after taking into account credits.

Source: Annual Report of the Secretary of the Treasury.

No. 165.—RECEIPTS BY SOURCES: YEAR ENDED JUNE 30, 1932

[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	327,654
Internal revenue	1,559,613
Income taxes	1,056,757
Miscellaneous taxes	502,505
Collections under enforcement of national prohibition act [1]	352
Miscellaneous taxes	5,808
Immigration head tax	918
Tonnage tax	1,608
Tax on national-bank circulation	3,175
Taxes, licenses, etc., Canal Zone	86
Other miscellaneous taxes	22
Interest and dividends	9,957
Interest on advance payments to contractors	65
Interest on deferred collections or payments	81
Interest on farmers' seed loans	1,101
Interest on public deposits	2,140
Interest on money loaned from construction loan fund	2,920
Miscellaneous interest	250
Dividends, Panama Railroad	700
Railroad obligations [2]	678
Military and naval insurance [2]	307
Discount on Treasury bonds redeemed and purchased	1,707
Fines and penalties	5,619
Judicial	639
Customs Service	1,222
Immigration Service	101
Under enforcement of national prohibition act (judicial) [3]	3,221
Navigation	42
Navy fines and forfeitures	432
Other	62
Fees	15,887
Agricultural commodities act	147
Board of Tax Appeals	79
Clerks, United States Courts	1,661
Commissions on telephone pay stations in Federal buildings	37
Consular and passport	4,765
Copyright	280
Immigration (registration)	304
Indian lands and timber	85
Land offices (incl. commissions)	337
Marshals, United States Courts	194
Naturalization	3,094
Navigation	193
Patent	4,400
Testing	68
Other	207
Forfeitures	1,113
Bonds of aliens, contractors, etc	408
Customs Service	157
Under enforcement of national prohibition act [3]	177
Unclaimed moneys and wages remaining in registry of courts	278
Other	90
Assessments	5,717
On Federal reserve banks [4]	1,712
On Fed. intermediate credit and Fed. and joint-stock land banks [5]	394
On national banks, salaries and expenses, national bank examiners	2,630
General railroad contingent fund	383
Immigration Service overtime	72
Naval hospital funds	442
Other	70

Source	Amount
ORDINARY RECEIPTS—continued	
Revenue receipts—Continued.	
Reimbursements	8,573
Collections under grain and cotton standards acts	176
Maintenance of District of Columbia inmates in Federal institutions	132
Expenses of redeeming national currency	450
Inspection of food and farm products	289
Deductions from awards of Mixed Claims Commission, United States and Germany [6]	68
Gov. property lost or damaged	64
Hospitalization charges and expenses	83
Expense of international service of ice observation and patrol	60
By contractors for excess of cost over contract price	70
By State of Arizona for expenditures, nonproduction of cotton zones for 1930 crop losses	161
Cost from estates of deceased Indians	54
Maintenance and operation charges, irrigation systems, Indian Service	333
Appropriations for Indian tribes	85
Collections, reclamation fund	3,327
Auxiliary reclamation fund, Yuma project, Arizona	24
By Dist. of Col., advances for acquisition of lands under act May 20, 1930	1,000
Other	129
Gifts and contributions	5,337
Forest Service cooperative work	2,125
Library of Congress gift fund	223
For American National Red Cross Building (proceeds of investments)	240
For river and harbor improvement, contributions and advances	1,775
For flood control	742
For paving road, Fort Sill Military Reservation, Okla	74
For roads, bridges, etc., Alaska	115
Other	43
Sales of property (products)	3,470
Scrap and salvaged materials, waste paper, etc	1,444
Agricultural products (incl. dairy)	91
Card indexes, Library of Congress	248
Public documents, charts, maps, etc	281
Electric current	[7] 803
Heat, light, and power	155
Seal and fox skins and furs	147
Ice	61
Occupational therapy products	78
Water	56
Other	104
Sales of services	25,192
Alaska Railroad fund	1,467
Laundry and dry cleaning	1,084
Overhead charges on sales of services or supplies (War and Navy)	96
Quarantine charges (fumigation, inspection, etc., of vessels)	294
Quarters, subsistence, etc	102
Radio service	57
Storage and other charges	189
Profits from sale of ships' stores, Navy	266
Telephone and telegraph service	281
Tolls and profits, Panama Canal	21,280
Work done for individuals, etc	49
Other	20

[1] Additional collections under the national prohibition act are included under "Fines and penalties" and "Forfeitures," making total collections under this act $3,749,000.
[2] Repayments to appropriations, representing cash receipts credited to appropriations. [3] See Note 1.
[4] For salaries and expenses, Federal Reserve Board. [5] For salaries, etc., Federal Farm Loan Board.
[6] For expenses incurred by United States in adjudication of claims, settlement of war claims act of 1928.
[7] Includes $698,000 for Dam No. 2, Muscle Shoals, Ala., and $36,000 for Coolidge Dam, Ariz.

No. 165.—Receipts by Sources: Year Ended June 30, 1932—Contd.

[All figures in thousands of dollars]

Source	Amount
ORDINARY RECEIPTS—continued	
Revenue receipts—Continued	
Rents and royalties	4,649
Rent of public buildings and grounds	411
Rent of land	98
Rent of equipment	75
Receipts under mineral leasing acts	3,237
Royalties on oil, gas, etc	726
Rent of water-power sites	55
Other	48
Permits, privileges, and licenses	1,953
Alaska fund	200
Business concessions	225
Immigration permits	347
Licenses under Fed. water-power act	570
Permits to enter national parks	593
Other	18
Mint receipts—profits on coinage, etc	812
Forest reserve fund	2,362
Postal receipts, Panama Canal	242
U. S. share, Dist. of Col. receipts	67
Total revenue receipts	1,981,924
Nonrevenue receipts:	
Repayment of investments	17,435
Railroad securities [2]	1,018
Loans and credits to farmers [2]	16,182
Liquidation of capital stock, Federal land banks	62
Principal of Government-owned securities (sale of war supplies)	92
Construction costs of public works in Colon and Panama	70
Other	10
Sales of public lands	170
Sales of property	4,346
Capital equipment—trucks, horses, cars, machinery, furniture, etc	205
Land and buildings	351
Land, etc., on account of military post construction fund	853
War supplies	791
Coos Bay wagon road grant fund	72

Source	Amount
ORDINARY RECEIPTS—continued	
Nonrevenue receipts—Continued	
Sales of property—Continued	
Oreg. and Calif. land-grant fund	167
Deposits for construction loans under merchant marine act, 1920	[3] 1,840
Other	68
Trust funds	78,375
Government life insurance fund	72,003
Deposits, general post fund, national homes, Veterans' Administration	371
Funds to pay matured obligations of D.C.	110
Deposits of commissary funds, Federal prisons	130
Deposits of funds of Fed. prisoners	702
Pension money and personal funds, patients St. Elizabeths Hospital	251
Indian moneys—	
Proceeds of labor	1,069
Oil and gas leases, etc., Osage Reservation, Okla	1,574
Sales and leases of Indian lands, etc	448
Pay of the Navy and Marine Corps, deposit funds	207
Pay of the Army, deposit fund	964
Soldiers' Home permanent fund	398
Miscellaneous trust funds	139
District of Columbia (trust funds)	[4] 35,843
Revenue receipts—	
District of Columbia share	33,125
Nonrevenue receipts—	
District of Columbia share	2,718
Total nonrevenue receipts	138,169
Total ordinary receipts, warrants—issued basis	2,118,093
Adjustment to basis of daily Treasury statements	+3,135
Total ordinary receipts, basis of daily Treasury statements	2,121,228

[2] Repayments to appropriations, representing cash receipts credited to appropriations.
[3] Exclusive of $1,633,000 transferred from the checking account of the U. S. Shipping Board on the books of the Treasurer of the United States to the warrant account and covered in the Treasury by miscellaneous receipt covering warrant. As this was merely an adjustment between accounts of cash transactions occurring in prior years, this item has not been included in either receipts or expenditures.
[4] United States revenue from District of Columbia sources is shown under revenue receipts above.

Source: Annual report of the Secretary of the Treasury.

No. 166.—DETAILS OF EXPENDITURES: Year Ended June 30, 1932

[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	28,046
United States Senate	3,396
House of Representatives	8,291
Architect of the Capitol	9,801
Botanic Garden	175
Library of Congress	2,430
Government Printing Office	3,954
Executive office	422
Independent offices [1]	52,098
Alien Property Custodian	73
American National Red Cross	607
American Battle Monuments Com'n	467

Object of expenditure	Amount
GENERAL EXPENDITURES—continued	
Independent Offices—Continued	
Arlington Memorial Bridge Com'n	1,502
Board of Mediation	197
Board of Tax Appeals	605
Bureau of Efficiency	159
Civil Service Commission	1,538
Employees' Compensation Com'n	[2] 4,703
Federal Bd. for Vocational Education	9,883
Federal Farm Board [3]	1,361
Federal Power Commission	333
Federal Radio Commission	415
Federal Reserve Board	1,745
Federal Trade Commission	1,715
General Accounting Office	4,274
Interstate Commerce Commission	9,058

[1] Exclusive of related items on p. 167, U. S. Shipping Board, and Veterans' Administration.
[2] Excluding $63,000 chargeable against District of Columbia.
[3] For agricultural marketing fund, see p. 167.

No. 166.—Details of Expenditures: Year Ended June 30, 1932—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	1,112
Nat'l Cap'l Park and Planning Com'n	2,407
Pub. B'ldgs and Parks of the Nat'l Capital	5,059
Railroad Adm'n and Transp'n Act	[4] 2,178
Personnel Classification Board	183
Puerto Rican Hurricane Relief Com'n	2,183
Smithsonian Institution	313
National Museum	795
U. S. Supreme Court Bldg Com'n	488
U. S. Tariff Commission	1,193
Geo. Rogers Clark Sesquicent'l Com'n	451
George Washington Bicent. Com'n	728
Investigation of enforcement of prohibition and other laws	65
Protection of interest of United States in oil leases and oil lands	131
Public Building Commission	182
United States-Yorktown Sesquicentennial Commission	175
Other commissions, etc	116
U. S. Shipping Board	52,281
Veterans' administration [5]	862,254
Salaries and expenses [6]	102,645
Hospital and domiciliary facilities and services	12,048
Military and naval compensation	313,269
Military and naval insurance	123,870
Adjusted service and dependent pay	2,481
Printing and binding	174
Army and Navy pensions	232,504
State and Territorial homes for disabled soldiers and sailors	786
Gov't life insurance fund (trust fund)	73,027
Miscellaneous	551
Department of Agriculture	305,674
Office of the Secretary	1,244
Office of Information	1,335
Library	106
Office of Experiment Stations	4,737
Extension service	1,712
Cooperative extension work	8,633
Weather Bureau	3,936
Bureau of Animal Industry	8,703
Meat inspection, Bureau of Animal Industry	5,093
Bureau of Dairy Industry	740
Bureau of Plant Industry	5,400
Forest Service	18,360
Cooperative work, Forest Service	2,250
Payments to States and roads and trails for States, national forests fund	1,772
Lands for protection of watersheds and streams	1,485
Bureau of Chemistry and Soils	1,748
Bureau of Entomology	2,385
Bureau of Biological Survey	2,034
Bureau of Public Roads, salaries and expenses	51
Road construction	207,247
Flood relief for restoration of roads and bridges	2,100
Bureau of Agricultural Economics	6,467
Bureau of Agricultural Engineering	483
Bureau of Home Economics	217
Plant Quarantine and Control Adm'n	3,384
Enforcement of Grain Futures Act	180
GENERAL EXPENDITURES—continued	
Department of Agriculture—Continued	
Food and Drug Administration	1,635
Advances and loans to farmers	11,109
Miscellaneous	1,030
Department of Commerce	52,408
Office of the Secretary	1,640
Radio Division	554
Aircraft in Commerce	9,138
Bureau of Foreign and Domestic Commerce	5,094
Bureau of the Census	6,925
Steamboat Inspection Service	1,306
Bureau of Navigation	415
Bureau of Standards	3,080
Bureau of Lighthouses	11,474
Coast and Geodetic Survey	2,900
Bureau of Fisheries	2,663
Patent Office	5,086
Bureau of Mines	2,304
Miscellaneous	[4] 160
Department of the Interior	92,149
Office of the Secretary	1,096
General Land Office	4,310
Bureau of Reclamation	26,346
Geological Survey	2,781
National Park Service	12,408
Office of Education	3,022
Government in Territories	2,960
Beneficiaries	2,969
Miscellaneous	148
Indian affairs—	
Salaries and general expenses	1,703
Education	12,058
General support and civilization	2,004
Interest on Indian tribal funds	780
Tribal funds (trust funds)	7,520
Fulfilling treaty stipulations	659
Miscellaneous	11,220
Department of Justice	52,189
Department of Justice proper—	
Salaries and expenses	1,864
Detection and prosecution of crimes	2,727
Bureau of Prisons	228
Bureau of Prohibition	[7] 11,068
Miscellaneous	624
Judicial—	
Salaries of judicial officers	3,250
Expenses, etc., United States courts	16,875
Penal and correctional institutions	15,404
Miscellaneous	50
Department of Labor	14,787
Office of the Secretary	742
Bureau of Labor Statistics	545
Bureau of Immigration	10,577
Bureau of Naturalization	1,061
Children's Bureau	376
Women's Bureau	156
Employment service	870
Miscellaneous	409
Navy Department	354,905
Office of the Secretary	1,699
Bureau of Navigation	6,975
Bureau of Engineering	19,013
Bureau of Construction and Repair	24,994
Bureau of Ordnance	12,900
Bureau of Yards and Docks	21,760

[4] Excess credits, deduct.

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

[6] Includes expenditures heretofore under salaries and expenditures, Veterans' Bureau and Bureau of Pensions, medical and hospital services, Veterans' Bureau, national homes for disabled volunteer soldiers, and sundry contingent and miscellaneous accounts.

[7] Additional expenditures of $9,000 for prior year accounts were made under Treasury Department. Expenditures under Bureau of Industrial Alcohol, Treasury Department, amounted to $4,603,000.

No. 166.—Details of Expenditures: Year Ended June 30, 1932—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	6,228
Maintenance	9,681
Pay, subsistence, etc., Navy	152,399
Other items	[4] *6,973*
Bureau of Medicine and Surgery	2,633
Bureau of Aeronautics	31,684
Naval Academy	2,056
Marine Corps—Pay	15,683
General expenses and other items	7,451
Increase of Navy	39,589
Salaries, Navy Department	[5] 4,224
Contingent expenses, etc	[6] 886
Miscellaneous	1,423
Post Office Department [9]	**130**
Department of State	**19,238**
Salaries and expenses	2,247
Foreign intercourse [10]	17,120
Special deposit accounts	[4] *129*
Treasury Department [11]	**279,360**
Office of the Secretary	158
Office of the Chief Clerk and Supt	732
Division of Supply	1,294
General Supply Committee	47
Office Com. of Accounts and Deposits	89
Division of Bookkeeping and Warrants	1,012
Public Debt Service	3,943
Division of Appointments	68
Office of Disbursing Clerk	55
Bureau of Customs [11]—	
Collecting the revenue	22,769
Miscellaneous expenses	120
Bureau of the Budget	189
Federal Farm Loan Bureau	907
Office of Treasurer of the United States	1,656
Office of Comptroller of Currency	3,050
Bureau of Internal Revenue [11]—	
Collecting the revenue	33,537
Bureau of Prohibition—Enforcement of narcotics and prohibition acts	[12] 9
Bureau of Industrial Alcohol [11]	4,525
Bureau of Narcotics	1,493
Coast Guard	32,307
Bureau of Engraving and Printing	6,782
Secret Service Division	712
Public Health Service	12,803
Mints and assay offices	1,353
Office of Supervising Architect—	
Operating expenses, public buildings	13,484
Repairs, equipment, etc., pub. bldgs	10,622
Sites, construction, etc	86,019
To promote the education of the blind	75
Outstanding liabilities (trust fund)	[4] *273*
Miscellaneous	[4] *144*
Settlement of war claims act of 1928	37,788
Stock Fed. intermediate credit banks	2,000
War Department (excl. Panama Canal)	**468,782**
Military activities—	
Office of the Secretary	598
General Staff Corps	127
Adjutant General's Department	107
Salaries, War Department	[8] 5,123
Finance Department—	
Pay of the Army	136,202
Finance service	1,113
Judgments and miscellaneous	1,310

Object of expenditure	Amount
GENERAL EXPENDITURES—continued	
War Department—Continued	
Military activities—Continued	
Quartermaster Corps—	
Army transportation	14,122
Barracks and quarters and other buildings and utilities	14,727
Clothing and equipage	9,227
Construction of buildings, etc., at military posts	24,354
Construction and repair of hospitals	619
Incidental expenses of the Army	3,823
Regular supplies of the Army	5,519
Subsistence of the Army	17,844
Other	1,019
Signal Corps	3,430
Air Corps	33,047
Medical Department	890
Corps of Engineers	838
Fortifications, etc., Panama Canal	780
Ordnance Department	14,667
Chemical Warfare Service	1,265
Chief of Infantry	60
Chief of Cavalry	23
Chief of Field Artillery	28
Chief of Coast Artillery	1,748
Military Academy	3,221
Militia Bureau	34,778
Organized Reserves	6,215
Citizens' military training	6,404
National Board for Promotion of Rifle Practice	796
Army account of advances	603
Special deposit accounts	[4] *63*
Nonmilitary activities—	
National cemeteries	1,760
National military parks	1,060
Miscellaneous, Quartermaster Corps	1,619
Signal Corps	343
Corps of Engineers, miscellaneous	1,001
Rivers and harbors	116,884
Trust funds	1,421
Miscellaneous	115
Total general expenditures	**2,634,053**
OTHER ITEMS	
Interest on public debt	599,723
Public debt retirements chargeable against ordinary receipts [13]	412,630
Postal deficiency	202,876
Refunds of receipts—	
Customs	16,879
Internal Revenue	84,084
Bureau of Industrial Alcohol	77
Panama Canal	10,234
Stock Reconstruction Finance Corp	500,000
Additional stock Fed. land banks	125,000
Agricultural marketing fund (net)	136,519
Adjusted service certificate fund	188,626
Civil service retirement fund	20,709
Foreign service retirement fund	217
Dist. of Col. (incl. trust funds)	49,018
Total other items	**2,346,594**
Total expenditures chargeable against ordinary receipts, checks-issued basis	**4,980,647**
Adjustment between checks issued and cash expenditures	+25,943
Total cash expenditures chargeable against ordinary receipts	**5,006,590**

[4] Excess credits, deduct.
[8] Includes accounts heretofore shown under the offices or bureaus to which they pertained.
[9] Excludes deficiencies in postal revenues and Postal Service payable from postal revenues.
[10] Exclusive of Foreign Service retirement fund.
[11] Excluding refunds of receipts.
[12] For additional expenditures see under Department of Justice.
[13] For details see p. 163.

Source: Annual Report of the Secretary of the Treasury.

No. 167.—APPROPRIATIONS BY CONGRESS FOR YEARS ENDED JUNE 30

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

Branch	Number of Congress and fiscal year for which appropriated					
	66th and 67th, 1922	67th, 1923	67th, 1924	68th, 1925	68th, 1926	69th, 1927
Legislative	18,706	15,165	14,786	14,648	15,720	20,160
Executive Office	229	361	497	426	534	824
Independent offices	165,733	757,413	522,563	411,216	596,347	639,941
District of Columbia	23,175	26,852	26,633	27,967	40,209	38,459
Department of Agriculture	40,813	146,545	110,662	74,637	146,715	167,572
Department of Commerce	17,911	20,784	22,116	24,123	25,143	31,526
Department of the Interior	352,395	328,256	343,519	292,323	274,826	270,351
Department of Justice	17,680	20,676	23,846	24,227	28,104	27,200
Department of Labor	5,393	8,007	7,519	8,364	9,338	10,184
Navy Department	489,651	300,514	325,323	278,601	324,752	325,791
Post Office Department:						
Payable from Treasury [1]	[2] 14,339	554	442	173	244	32
Payable from postal revenues [3]	701,424	572,528	596,909	629,109	651,256	842,420
Department of State	11,022	17,570	15,896	15,246	18,187	17,819
Treasury Department	359,328	243,845	279,612	269,355	340,915	339,207
Interest on the public debt	922,650	[4] 1,100,000	940,000	865,000	830,000	795,000
Sinking fund and debt retirements chargeable against ordinary receipts	265,755	330,089	507,011	471,806	484,766	515,583
War Department	459,080	359,592	355,211	341,340	364,625	367,380
Increase of compensation [5]	35,000					
Total	3,909,282	4,248,141	4,092,544	3,748,652	4,151,682	4,409,463
Deduct amount payable from postal revenues [3]	701,424	572,528	596,909	629,109	651,256	842,420
Net total	3,207,858	3,675,612	3,495,635	3,119,453	3,500,426	3,567,044

Branch	69th, 1928	70th, 1929	70th, 1930	71st, 1931	71st, 1932	72d, 1933
Legislative	16,480	18,970	21,338	29,521	27,830	20,666
Executive Office	438	437	504	628	475	395
Independent offices	520,041	648,089	661,319	1,169,250	1,383,294	1,873,491
District of Columbia	38,920	41,541	42,569	52,488	50,143	45,142
Department of Agriculture	153,430	163,668	160,660	220,288	422,203	372,170
Department of Commerce	36,822	40,713	60,508	61,301	54,960	45,213
Department of the Interior	285,800	353,332	334,467	87,150	101,765	82,136
Department of Justice	26,432	29,049	30,771	42,248	58,522	40,340
Department of Labor	10,160	11,181	11,429	12,849	15,036	13,738
Navy Department	320,466	394,736	379,152	389,183	377,973	332,034
Post Office Department:						
Payable from Treasury [1]	18	67	28	43,075	54	84
Payable from postal revenues [3]	755,364	776,975	842,125	840,271	844,610	807,887
Department of State	12,312	15,609	15,826	18,778	18,796	14,151
Treasury Department	345,269	455,474	427,393	372,557	278,587	519,421
Interest on the public debt	755,000	675,000	640,000	619,000	581,000	640,000
Sinking fund and debt retirements chargeable against ordinary receipts	563,630	541,942	553,068	635,324	468,510	496,803
War Department	370,429	466,795	474,990	477,709	494,758	475,582
Total	4,211,011	4,633,578	4,665,237	5,071,712	5,178,525	5,785,253
Deduct amount payable from postal revenues [3]	755,364	776,975	842,125	840,271	844,610	807,887
Net total	3,455,647	3,856,603	3,823,112	4,231,440	4,333,915	4,977,366

[1] Figures cover only appropriations which have been specifically designated by Congress as payable from the Treasury and are exclusive of amounts which may be required under indefinite appropriations (payable from the Treasury) provided by law to supply deficiencies in the postal revenues. (See note 3.)

[2] Includes $11,053,000 certified claims.

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

[4] Includes $125,000,000 of accumulated interest on war-savings certificates, series of 1918, to be paid during the fiscal year 1923 though properly allocable to the full five years of their life.

[5] In 1922, indefinite appropriations, estimated. In 1923 and 1924, definite amounts were appropriated which are included under the several departments and establishments. Thereafter, this item was absorbed by rates of pay included under the classification act, approved Mar. 4, 1923.

Source: Treasury Department.

No. 168.—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 160, 162, and 165 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	8,084	34,450	7,760	[6] 2,505	2,931	9,745	6,024
1876–1880	116,681	55,614	10,510	40,000	(7)		341	6,272	3,943
1881–1885	132,064	71,163	16,614	36,964	[8] 29		70	4,433	2,808
1886–1890	126,711	72,045	22,931	30,901			14	5	815
1891–1895	150,262	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	55,609	52,020	[6] 20,960	[8] 96	[8] 167		1,736
1911–1915	356,851	155,854	68,063	74,866	49,737		739	[6] 20,494	3,494
1916–1920	2,855,761	226,293	93,352	169,353	1,984,473	[10] 59,799	77,800	38,650	217,500
1921–1925	3,158,975	[11] 42,400	17	301,176	2,121,913	126,415	186,135	58,373	322,546
1926–1930	2,894,284	[11] 17,482	4	405,614	2,222,032	81,262	55,484	51,586	60,819
1905	234,188	135,059	50,361	45,660		774	162		1,273
1906	249,103	143,394	55,642	48,423		142	150		1,352
1907	269,664	156,337	59,568	51,811		50	181		1,718
1908	251,066	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	79,087	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	9,960
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	206,093	2,600,784	82,030	79,400	43,751	356,131
1920	5,407,580	97,905	41,960	295,809	3,956,936	103,636	267,969	81,259	562,100
1921	4,505,357	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	2,830,000	[11] 26,436	16	370,666	1,974,104	[12] 119,216	150,220	49,801	145,540
1927	2,865,683	[11] 21,195	1	376,170	2,219,952	100,340	66,850	32,603	48,572
1928	2,790,536	[11] 15,307	(7)	396,450	2,174,573	60,087	51,952	43,818	48,347
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

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		1925			90,003	30,908
1918	70,737	2,215	24,996	26,357	1926			97,386	23,981
1919	237,840	7,182	28,776	50,920	1927			8,970	17,941
1920	289,348	57,461	93,020	76,721	1928			8,689	17,725
1921	301,512	58,676	81,526	89,731	1929			5,956	6,083
1922	198,790	33,504	80,612	73,385	1930			47	4,231
1923	30,381	10,132	81,568	70,175	1931				2,779
1924	34,662	10,419	87,472	77,713	1932				1,869

[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. Figures for 1863 to 1878 include receipts from the tax on raw cotton.
[4] Includes proprietary stamps prior to 1896–1900.
[5] The totals in this column for the years 1917 to 1932 include items shown in detail in second part of table.
[6] Figures for one year only. [7] Less than $500. [8] Average for two years. [9] Average for three years.
[10] Average for four years. [11] Consists chiefly of tax on distilled spirits (nonbeverage).
[12] Includes gift tax amounting to $7,518,000 in 1925 and $3,175,000 in 1926.
Source: Annual Report of the Secretary of the Treasury.

No. 169.—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 168

	1927	1928	1929	1930	1931	1932
Grand total	2,865,693	2,790,536	2,939,054	3,040,146	2,428,229	1,557,729
Income and profits [1]	2,219,352	2,174,573	2,331,274	2,410,260	1,860,040	1,056,757
Corporation [1]	1,308,013	1,291,846	1,235,733	1,263,414	1,026,393	629,566
Individual	911,940	882,727	1,095,541	1,146,845	833,648	427,191
Estates of decedents	100,340	60,087	61,897	64,770	48,078	47,422
Distilled spirits	21,195	15,307	12,777	11,695	10,432	8,704
Distilled spirits (nonbeverage)	18,757	13,009	11,590	10,717	9,579	7,907
Distilled spirits (beverage) and rectified spirits or wines	16	13	11	10	7	5
Still or sparkling wines, cordials, etc.	796	893	293	239	228	187
Grape brandy used in fortifying sweet wines	401	201	268	124	63	74
Rectifiers, dealers, manufacturers of stills, etc. (special taxes)	1,148	504	528	626	519	506
Case stamps for distilled spirits bottled in bond	67	73	54	42	35	27
Miscellaneous collections	10	13	33	36	[2]	[2]
Tobacco	376,170	396,450	434,445	450,339	444,277	398,579
Cigars (large)	23,545	22,879	22,549	21,141	18,025	14,208
Cigars (small)	353	301	323	302	271	227
Cigarettes (large)	87	76	83	65	46	32
Cigarettes (small)	278,929	301,753	341,952	350,816	358,915	317,533
Snuff	6,908	7,461	7,127	7,542	7,190	6,846
Tobacco, chewing and smoking	65,070	62,775	61,159	60,098	58,377	58,030
Cigarette papers and tubes	1,170	1,124	1,130	1,324	1,442	1,701
Miscellaneous collections	109	81	73	51	10	3
Revenue acts of 1926 and 1928	[3] 142,827	[3] 138,232	[3] 93,775	[3] 97,781	61,955	43,913
Documentary stamps, etc.—						
Bonds of indebtedness, capital-stock issues, etc.	13,044	15,561	17,868	22,611	14,757	9,199
Capital-stock sales or transfers	16,674	24,209	37,596	46,698	25,520	17,696
Sales of produce (future deliveries)	2,885	4,048	3,333	3,600	1,683	959
Playing cards	4,742	5,011	5,376	4,819	4,994	4,387
Excise taxes—						
Automobiles and motor cycles [4]	66,438	51,628	5,546	2,320		
Pistols and revolvers	193	169	166	344	138	87
Cereal beverages	199	139				
Opium, coca leaves, including special taxes, etc.	798	690	605	589	607	521
Corporations, on value of capital stock	[5] 8,970	[5] 8,689	[5] 5,956	[5] 47		
Use of yachts, motor boats, etc. (foreign built)	8	10				
Admissions to theaters, concerts, cabarets, etc.	17,941	17,725	8,083	4,231	2,779	1,859
Dues of clubs	10,436	10,353	11,245	12,521	11,478	9,205
Miscellaneous:						
Adulterated, process or renovated butter, filled cheese, and mixed flour	21	15	12	12	12	9
Oleomargarine, colored	1,162	1,237	1,289	1,370	508	204
Oleomargarine, uncolored	620	698	803	825	672	525
Oleomargarine, manufacturers and dealers (special taxes)	1,383	1,473	1,519	1,725	1,442	1,015
Collections under prohibition laws	503	925	727	1,105	586	491
Other miscellaneous receipts [6]	2,011	1,537	536	266	167	111

[1] Includes income tax on Alaska railroads (act of July 18, 1914).
[2] Less than $500.
[3] Totals include back tax collections from automobiles, 1929 and 1930, and from corporation capital stock, 1927 to 1930.
[4] Tax repealed effective May 29, 1928.
[5] Tax due prior to July 1, 1926.
[6] Consists chiefly of delinquent taxes collected under repealed laws.

Source: Annual Report of the Commissioner of Internal Revenue.

No. 170.—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 168

[All figures in thousands of dollars]

Division and State	Income taxes				Miscellaneous internal revenue			
	1929	1930	1931	1932	1929	1930	1931	1932
Total	2,331,274	2,410,259	1,860,040	1,056,757	607,780	629,887	568,188	500,972
New England	177,627	182,362	140,150	76,584	9,253	11,740	9,569	6,691
Maine	8,387	7,928	6,394	3,939	302	743	356	415
New Hampshire	3,353	3,287	2,774	1,467	625	472	782	219
Vermont	2,309	2,146	1,700	853	54	84	51	107
Massachusetts	109,723	109,683	83,431	45,075	5,797	6,060	5,061	4,072
Rhode Island	13,596	13,863	10,856	6,189	519	1,445	425	527
Connecticut	40,259	45,455	34,994	19,056	1,956	2,936	2,892	1,351
Middle Atlantic	1,047,694	1,138,021	880,862	488,536	154,866	145,085	99,173	86,191
New York	744,782	830,165	614,961	348,551	98,754	98,790	57,211	46,438
New Jersey	93,922	94,812	71,658	42,808	27,525	29,136	25,943	27,537
Pennsylvania	208,990	213,044	174,243	97,177	28,587	17,159	16,019	12,216
East North Central	542,677	534,674	417,725	220,183	56,786	56,980	42,953	37,178
Ohio	121,822	126,150	96,003	47,532	20,676	19,480	16,929	14,282
Indiana	25,462	23,340	19,095	10,892	2,636	2,958	2,336	1,475
Illinois	217,402	223,375	173,676	91,461	20,826	23,762	17,112	15,215
Michigan	140,484	127,675	102,368	55,141	10,939	9,401	4,997	4,836
Wisconsin	37,508	34,134	26,584	15,157	1,710	1,379	1,580	1,369
West North Central	116,722	115,324	90,590	55,168	17,292	14,791	14,410	11,249
Minnesota	27,668	28,598	20,803	12,987	1,401	1,840	2,480	1,316
Iowa	12,830	12,843	9,897	6,166	595	526	499	292
Missouri	51,633	50,542	40,907	25,471	14,219	11,482	10,830	9,191
North Dakota	665	524	352	235	45	32	14	12
South Dakota	794	840	719	415	44	48	30	33
Nebraska	5,857	5,309	4,573	3,030	323	397	206	129
Kansas	17,270	16,668	13,340	6,864	665	466	351	277
South Atlantic	156,629	160,897	131,683	85,104	320,763	348,824	355,177	316,124
Delaware	28,167	39,103	32,877	15,232	2,143	1,042	1,165	1,216
District of Columbia	15,678	14,784	12,716	7,450	1,417	940	1,969	1,000
Maryland	31,332	35,954	28,458	21,823	3,315	2,530	1,716	1,608
Virginia	20,177	18,592	19,207	13,325	67,307	78,103	94,555	86,647
West Virginia	11,349	9,451	8,670	4,982	2,913	2,689	2,482	2,095
North Carolina	20,007	16,981	13,720	11,464	234,428	257,276	249,129	219,675
South Carolina	3,500	2,802	1,807	1,504	157	217	171	274
Georgia	13,500	12,146	6,389	4,186	556	375	323	228
Florida	12,859	11,084	7,839	5,138	8,529	5,652	3,668	3,322
East South Central	38,883	35,943	25,806	14,115	16,435	22,174	21,994	24,707
Kentucky	15,108	14,946	10,711	5,619	11,465	17,432	17,775	20,655
Tennessee	13,761	12,294	9,284	5,457	4,224	4,184	3,848	3,642
Alabama	7,599	6,657	4,308	2,263	555	504	306	352
Mississippi	2,326	2,046	1,503	776	190	54	66	58
West South Central	71,818	68,442	55,745	33,653	4,342	3,878	2,789	2,105
Louisiana	12,985	10,569	7,667	5,219	2,095	1,630	1,232	1,040
Texas	37,704	36,963	31,605	17,449	1,762	1,921	1,195	853
Oklahoma	17,572	17,872	14,657	10,006	369	208	265	160
Arkansas	3,557	3,038	1,816	979	116	119	98	53
Mountain	24,044	24,258	24,641	10,619	2,252	1,438	812	625
Montana	3,049	2,531	1,690	751	1,379	80	102	120
Wyoming	1,110	723	570	346	57	29	26	60
Colorado	11,038	12,048	15,272	5,148	502	420	395	246
New Mexico	934	858	608	356	32	67	82	21
Arizona	2,311	2,827	2,194	858	88	139	68	58
Utah	3,479	3,122	2,322	1,306	89	104	59	51
Nevada	1,076	1,321	1,298	1,299	65	558	48	47
Idaho	1,049	828	685	465	41	41	32	20
Pacific	149,551	144,903	108,321	69,323	25,284	24,433	20,543	15,308
Washington	13,424	13,644	10,629	5,371	596	660	737	370
Oregon	5,903	5,370	4,111	2,383	283	368	321	178
California	130,224	125,883	93,582	61,569	24,405	23,405	19,484	14,761
Philippine Islands					372	325	333	357
Hawaii	5,473	5,298	4,382	3,349	133	218	434	437
Alaska	157	138	134	123	1	1	2	1

Source: Annual Report of the Commissioner of Internal Revenue.

No. 171.—INDIVIDUAL AND CORPORATION INCOME TAX RETURNS: SUMMARY

NOTE.—**All money figures in thousands of dollars.** Statistics are based on the taxpayers' returns as filed, unaudited except to insure proper execution of the return. Under the various revenue laws the following individuals were required to file personal returns: For 1913 to 1916, those with net income of $3,000 and over; 1917 to 1924, $1,000 and over; 1925 to 1930, $1,500 and over; or if married and living with husband or wife filing a joint return, $2,000 for 1917 to 1923, $2,500 for 1924, and $3,500 for 1925 to 1930; 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	----------	----------	[2] 3,900,000	12,728	15,525	----------	----------	28,254
1914	357,515	----------	----------	4,000,000	16,559	24,487	----------	----------	41,046
1915	336,652	----------	----------	4,000,000	23,996	43,948	----------	----------	67,944
1916	437,036	362,970	74,066	6,298,578	51,441	121,946	----------	----------	173,387
1917	3,472,890	2,707,234	765,656	13,652,383	156,897	433,346	----------	----------	[3] 795,381
1918	4,425,114	3,392,863	1,032,251	15,924,630	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	590,804	----------	----------	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	404,918	38,915	[4] 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	582,303	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

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	252,079	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	----------	7,902,655	2,020,424	1,625,235	636,508	988,726
1921	356,397	171,239	185,158	----------	4,336,048	3,878,219	701,575	366,444	335,132
1922	382,883	212,535	170,348	----------	6,963,811	2,193,776	783,776	775,310	8,466
1923	398,933	233,339	165,594	----------	8,321,529	2,013,555	937,107	937,107	----------
1924	417,421	236,389	181,032	----------	7,586,652	2,223,926	881,550	881,550	----------
1925	430,072	252,334	177,738	----------	9,583,684	1,962,628	1,170,331	1,170,331	----------
1926	455,320	258,134	197,186	----------	9,673,403	2,168,710	1,229,797	1,229,797	----------
1927	475,031	259,849	165,826	49,356	8,981,884	2,471,739	1,130,674	1,130,674	----------
1928	495,892	268,783	174,828	52,281	10,617,741	2,391,124	1,184,142	1,184,142	----------
1929	509,436	269,430	186,591	53,415	11,653,886	2,914,128	1,193,436	1,193,436	----------
1930	518,736	221,420	241,616	55,700	6,428,813	4,877,595	711,704	711,704	----------

[1] Includes tax credit of 25 per cent of tax on earned net income and credit of 12½ per cent on capital net loss from sale of assets held more than 2 years but does not include credit for income and profits taxes paid to a foreign country or a possession of the United States and credit for income tax paid at source.
[2] Determined on the basis of the number of returns filed and the average net income in each class.
[3] Includes war excess-profits taxes of $101,250,000 on individuals and of $103,888,000 on partnerships.
[4] 25 per cent reduction provided for in revenue act of 1924. [5] Includes inactive concerns prior to 1927.
[6] Returns showing net income in excess of $5,000 exemption.
[7] Returns showing net income not in excess of $5,000 exemption, or deficit. [8] Not available.
[9] Receipts for year ended June 30 following year in stub as reported by Commissioner of Internal Revenue.
[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. 172.—INDIVIDUAL INCOME TAX RETURNS: ANALYSIS

[All money figures, except as indicated, in millions of dollars. See headnote, Table 171]

	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Total income	23,329	24,872	29,248	29,579	25,272	25,447	26,209	28,988	29,947	22,412
Wages and salaries	13,813	13,694	14,195	13,618	9,742	9,994	10,218	10,862	11,199	9,922
Business	2,366	2,840	4,723	4,755	3,689	3,573	3,287	3,244	3,379	2,628
Partnerships [1]	1,341	1,427	1,676	1,810	1,827	1,733	1,755	1,930	1,853	1,090
Profits from sales of real estate, stocks, bonds, etc.	463	[2] 742	[2] 863	[2] 1,125	[2] 1,992	[2] 1,466	[2] 1,813	[2] 2,923	[2] 2,338	[2] 637
Rents and royalties	1,178	1,225	1,814	2,010	1,471	1,451	1,302	1,165	1,286	974
Interest and other income	1,043	1,739	2,178	2,282	1,814	1,937	2,027	2,144	2,211	1,940
Fiduciary [1]	-------	258	329	310	306	333	421	444	508	429
Items exempt from normal tax [3]	2,524	2,947	3,469	3,670	4,431	4,961	[3] 5,383	[3] 6,271	[3] 7,173	[3] 4,792
Dividends	2,477	2,664	3,120	3,251	3,465	4,012	4,255	4,351	4,786	4,197
Interest on Gov't obligations	47	34	44	30	26	37	47	41	40	38
Capital net gain from sale of assets held over 2 years	-------	249	305	389	940	913	[4] 1,081	[4] 1,880	[4] 2,347	[4] 556
General deductions	3,752	3,536	4,470	3,923	3,377	3,489	3,663	3,761	5,146	4,294
Contributions	-------	425	535	533	442	484	508	533	529	425
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
Net loss from business and partnership	-------					2,827	2,928	3,057	3,621	173
All other	-------									2,464
Net income	19,577	21,336	24,777	25,656	21,895	21,959	22,545	25,226	24,801	18,119
Net loss for prior year	-------	45	34	30	32	27	37	34	29	40
Exemptions from normal tax	16,716	17,649	20,743	19,999	16,658	17,086	17,375	18,118	19,036	15,769
Personal exemption and credit for dependents	14,192	14,702	17,275	16,329	12,228	12,124	12,001	11,859	11,933	11,010
Above items exempt from normal tax	2,524	2,947	3,469	3,670	4,431	4,961	5,375	6,259	7,103	4,759
Less exemptions in excess of net income	*2,714*	*2,740*	*2,862*	*2,375*	*1,506*	*1,823*	*1,891*	*1,681*	*2,012*	*2,074*
Net exemptions	14,002	14,909	17,881	17,624	15,153	15,263	15,484	16,437	17,024	13,695
Net income subject to normal tax	5,575	6,382	6,862	8,003	6,710	6,669	7,024	8,755	7,747	4,384
Normal tax	308	355	[6] 284	258	216	201	216	282	162	129
Surtax	411	475	[6] 349	438	433	448	512	689	582	317
Tax on capital net gain from sale of assets held over 2 years (12½ per cent)	-------	31	[6] 29	49	118	113	134	233	285	65
Less tax credits:										
25 per cent of tax on earned net income	-------	-------	-------	31	25	25	25	35	22	25
12½ per cent on net loss from sale of assets held more than 2 years [7]	-------	-------	-------	0	8	4	6	5	5	10
Net tax	719	861	662	704	735	732	831	1,164	1,002	477
Number of returns (thous.)	6,662	6,787	7,698	7,370	4,171	4,138	4,102	4,071	4,044	3,708
Average net income per return	$2,939	$3,143	$3,219	$3,481	$5,249	$5,306	$5,497	$6,197	$6,132	$4,887
Average tax per return	$108	$127	$86	$96	$176	$177	$203	$286	$248	$129
Averages per capita of total population: [8]										
Net income returned	$180	$194	$221	$226	$190	$188	$190	$210	$201	$147
Tax	$6.63	$7.81	$5.91	$6.20	$6.37	$6.26	$7.00	$9.68	$8.13	$3.87

[1] Income from fiduciaries included with partnerships in 1921.
[2] Exclusive of capital net gain from sales of assets held over 2 years.
[3] Credits against capital net gain given in footnote 4 should be deducted from totals shown for 1927 to 1930 to give the amount exempt from normal tax.
[4] The amount here shown is subject to a deduction of $9,000,000 in 1927, $12,176,000 in 1928, $69,469,000 in 1929 and $33,019,000 in 1930 loss in ordinary net income and net loss for prior year deductible from capital net gain to give the amount exempt from normal tax but taxable at 12½ per cent.
[5] Other than reported for tax credit on capital net loss from sale of assets held more than 2 years.
[6] Tax after 25 percent reduction provided for in revenue act of 1924.
[7] Prior to 1924, net loss from sale of capital assets held over 2 years was included in general deductions.
[8] Averages for 1921 to 1928 computed by Bureau of Foreign and Domestic Commerce on basis of revised Census estimates of population.

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

No. 173.—INDIVIDUAL INCOME TAX RETURNS: By Income Classes

Note.—See headnote, Table 171. The net income here shown is subject to deduction of exemptions to give net income subject to tax, see Tables 172 and 174

Income class (net income)	1924	1925	1926	1927	1928	1929	1930
Number of returns	7,369,788	4,171,051	4,138,092	4,101,547	4,070,851	4,044,327	3,707,509
Under $1,000	344,376	98,178	119,513	126,745	111,123	126,172	150,000
$1,000 to $2,000	2,413,881	1,071,992	1,045,519	996,098	918,447	903,082	909,155
$2,000 to $3,000	2,112,993	842,528	837,792	855,762	837,781	810,347	767,084
$3,000 to $5,000	1,800,900	1,327,683	1,240,400	1,209,345	1,192,613	1,172,655	1,079,239
$5,000 to $10,000	437,330	503,652	560,549	567,700	628,756	658,039	550,977
$10,000 to $25,000	191,216	236,779	246,730	252,079	270,889	271,454	198,762
$25,000 to $50,000	47,061	59,721	57,487	60,123	68,048	63,689	40,845
$50,000 to $100,000	15,816	20,958	20,520	22,573	27,207	24,073	13,645
$100,000 to $150,000	3,065	4,759	4,724	5,261	7,049	6,376	3,111
$150,000 to $300,000	1,876	3,223	3,267	3,873	5,678	5,310	2,071
$300,000 to $500,000	457	892	892	1,141	1,756	1,641	552
$500,000 to $1,000,000	242	479	468	557	983	976	318
$1,000,000 and over	75	207	231	290	511	513	150
	In thousands of dollars						
Net income	26,656,153	21,594,576	21,958,506	22,545,091	25,228,327	24,800,736	18,118,835
Under $1,000	235,452	58,306	67,238	72,231	64,535	73,742	86,802
$1,000 to $2,000	3,564,474	1,774,601	1,747,917	1,645,576	1,526,832	1,499,908	1,494,526
$2,000 to $3,000	5,277,147	2,047,970	2,042,903	2,062,275	2,030,901	1,958,595	1,864,162
$3,000 to $5,000	6,827,924	5,236,003	4,872,789	4,700,816	4,648,098	4,573,696	4,151,967
$5,000 to $10,000	2,901,188	3,463,852	3,838,954	3,895,759	4,282,520	4,481,576	3,723,763
$10,000 to $25,000	2,855,397	3,544,898	3,660,623	3,748,058	4,037,853	4,025,233	2,922,750
$25,000 to $50,000	1,599,848	2,032,239	1,954,653	2,051,771	2,326,503	2,174,458	1,383,619
$50,000 to $100,000	1,066,784	1,418,948	1,389,339	1,535,387	1,857,878	1,646,476	919,040
$100,000 to $150,000	377,645	572,860	570,189	636,018	850,451	770,536	374,171
$150,000 to $300,000	374,609	655,300	661,412	787,270	1,157,131	1,087,410	419,016
$300,000 to $500,000	171,249	339,774	340,214	431,122	663,900	628,229	207,131
$500,000 to $1,000,000	158,462	327,368	317,881	378,167	670,861	669,878	211,503
$1,000,000 and over	155,974	422,457	494,394	600,641	1,108,863	1,212,099	359,906
Net tax [1]	704,285	734,555	732,471	830,639	1,104,254	1,001,938	476,715
Under $1,000	146	69	56	40	60	17	38
$1,000 to $2,000	10,432	1,704	1,761	1,234	1,550	553	1,269
$2,000 to $3,000	10,207	3,809	4,217	3,971	4,317	1,404	3,310
$3,000 to $5,000	26,855	8,326	7,245	6,508	7,475	2,413	5,352
$5,000 to $10,000	28,828	19,149	20,272	20,604	22,890	9,551	17,448
$10,000 to $25,000	78,069	74,172	72,465	74,226	82,758	59,893	49,561
$25,000 to $50,000	109,360	120,689	112,797	119,475	136,568	113,904	72,708
$50,000 to $100,000	136,536	147,843	140,947	156,675	194,447	160,813	87,379
$100,000 to $150,000	75,678	79,472	77,900	87,398	116,855	99,560	48,749
$150,000 to $300,000	92,481	103,059	103,997	123,776	182,514	159,221	62,463
$300,000 to $500,000	45,771	55,722	55,256	73,750	113,250	97,336	33,053
$500,000 to $1,000,000	42,585	53,674	53,665	64,265	116,424	106,219	34,289
$1,000,000 and over	47,207	66,867	81,893	98,657	185,140	191,054	61,998
Average tax rate on net income, per cent	2.74	3.35	3.34	3.68	4.62	4.04	2.63
Under $1,000	.06	.12	.08	.06	.09	.02	.04
$1,000 to $2,000	.29	.10	.10	.07	.10	.04	.08
$2,000 to $3,000	.19	.19	.21	.19	.21	.07	.18
$3,000 to $5,000	.39	.16	.15	.14	.16	.05	.13
$5,000 to $10,000	.96	.55	.52	.53	.53	.21	.47
$10,000 to $25,000	2.73	2.09	1.98	1.98	2.05	1.49	1.70
$25,000 to $50,000	6.84	5.94	5.77	5.82	5.87	5.24	5.25
$50,000 to $100,000	12.81	10.42	10.14	10.20	10.47	9.77	9.51
$100,000 to $150,000	20.04	13.37	13.66	13.74	13.74	12.92	13.03
$150,000 to $300,000	24.69	15.73	15.72	15.72	15.77	14.64	14.91
$300,000 to $500,000	26.73	16.40	16.24	17.11	17.06	15.49	15.96
$500,000 to $1,000,000	26.87	16.39	16.88	16.99	17.35	15.86	16.20
$1,000,000 and over	30.27	15.83	16.56	16.42	16.70	15.76	16.98

[1] Includes normal tax, surtax, and tax on capital net gain from sale of assets held more than two years less tax credit on capital net loss in 1924 to 1930, and also tax credit of 25 per cent of tax on earned net income. See Table 174.

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

No. 174.—INDIVIDUAL INCOME TAX RETURNS: ANALYSIS, BY INCOME CLASSES, 1930

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

Income class (net income)	Number of returns	Total income	General deductions, including contributions	Net income [1]	Net loss for prior year	Exemptions from normal tax: Personal exemption	Exemptions from normal tax: Dividends	Exemptions from normal tax: Interest on Govt. obligations [2]	Exemptions from normal tax: Capital net gain [3]
Total	3,707,509	22,412,446	4,293,811	18,118,635	39,921	11,010,017	4,197,304	38,134	556,392
Under $1,000, free [4]	142,024			82,449		396,001			
Under $1,000, taxed	7,976			4,443		418			
$1,000 to $2,000, free [4]	466,321			726,767		1,329,819			
$1,000 to $2,000, taxed	442,834			767,759		652,989			
$2,000 to $3,000, free [4]	401,907	9,205,629	1,608,082	994,685		1,478,724	488,648		
$2,000 to $3,000, taxed	365,777			869,477		555,415			
$3,000 to $4,000, free [4]	447,650			1,565,977		1,771,376			
$3,000 to $4,000, taxed	201,877			720,762		485,840			
$4,000 to $5,000, free [4]	152,771			664,882		662,436			
$4,000 to $5,000, taxed	267,935			1,200,347		895,430			
$5,000 to $6,000, free [4]	26,780	1,377,334	222,773	144,747	1,155	106,132	123,928		
$5,000 to $6,000, taxed	184,975			1,000,814		656,537			
$6,000 to $10,000, free [4]	32,405	3,136,221	567,019	246,545	5,238	101,850	449,227		
$6,000 to $10,000, taxed	306,817			2,322,656		1,082,554			
$10,000 to $25,000	198,762	3,717,104	794,354	2,922,750	9,625	654,354	932,635	16,498	
$25,000 to $50,000	40,845	1,770,727	387,108	1,383,619	5,014	124,985	649,447	9,649	13,571
$50,000 to $100,000	13,645	1,194,215	275,176	919,040	6,472	39,167	527,776	5,531	87,809
$100,000 to $150,000	3,111	484,349	110,178	374,171	1,997	8,282	238,100	1,690	63,888
$150,000 to $300,000	2,071	554,322	135,306	419,016	3,626	5,315	276,218	2,999	108,784
$300,000 to $500,000	552	265,322	58,190	207,131	1,775	1,330	133,198	400	67,151
$500,000 to $1,000,000	318	280,364	68,671	211,693	4,164	750	148,490	382	78,376
$1,000,000 and over	150	426,859	66,954	359,905	855	313	229,637	925	136,813

Income class (net income)	Normal tax	Surtax	Net tax on capital net gain [5]	Tax credit of 25 per cent of tax on earned net income	Net tax	Average tax per return (dollars)	Average rate of tax on net income (per cent)	Per cent distribution: Returns	Per cent distribution: Net income	Per cent distribution: Net tax
Total	129,475	316,816	55,310	24,886	476,715	128.58	2.63	100.00	100.00	100.00
Under $1,000, free [4]								4.04	.48	.01
Under $1,000, taxed	49			12	37	4.68	.84			
$1,000 to $2,000, free [4]								24.52	8.25	.27
$1,000 to $2,000, taxed	1,692			423	1,269	2.87	.17			
$2,000 to $3,000, free [4]								20.71	10.29	.69
$2,000 to $3,000, taxed	4,413			1,103	3,310	9.06	.38			
$3,000 to $4,000, free [4]								17.52	12.62	.40
$3,000 to $4,000, taxed	3,128			782	2,346	11.63	.33			
$4,000 to $5,000, free [4]								11.35	10.29	.63
$4,000 to $5,000, taxed	4,008			1,002	3,006	11.23	.25			
$5,000 to $6,000, free [4]								5.71	6.37	.75
$5,000 to $6,000, taxed	4,679			1,080	3,599	19.46	.36			
$6,000 to $10,000, free [4]								9.15	14.18	2.91
$6,000 to $10,000, taxed	17,200			3,352	13,848	45.12	.60			
$10,000 to $25,000	40,400	17,528		8,367	49,561	249.34	1.70	5.36	16.13	10.40
$25,000 to $50,000	26,206	51,450	581	5,529	72,708	1,780.10	5.25	1.10	7.64	15.25
$50,000 to $100,000	14,659	67,406	7,534	2,219	87,379	6,403.74	9.51	.37	5.07	18.33
$100,000 to $150,000	4,738	38,848	5,680	517	48,749	15,669.88	13.03	.08	2.07	10.23
$150,000 to $300,000	4,244	48,675	9,892	348	62,463	30,160.79	14.91	.06	2.31	13.10
$300,000 to $500,000	1,621	24,422	7,096	86	33,053	59,878.62	15.96	.01	1.14	6.93
$500,000 to $1,000,000	1,012	25,009	8,312	44	34,289	107,827.04	16.20	.01	1.17	7.19
$1,000,000 and over	1,426	43,478	16,215	22	61,098	407,320.00	16.98	.01	1.99	12.82

[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 years are not deducted.

[2] If not wholly exempt from tax.

[3] Relates to net gain from sale of assets held for more than 2 years; this amount, less certain allowable deductions, is exempt from normal tax but subject to a special tax. See note 4, Table 172.

[4] Specific exemptions exceed net income.

[5] Tax (12½ per cent) on capital net gain from sale of assets held more than 2 years, less tax credit of 12½ per cent on capital net loss on such sale.

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

No. 175.—INDIVIDUAL INCOME TAX RETURNS: TOTAL INCOME BY INCOME CLASSES, DISTRIBUTED BY SOURCES OF INCOME, 1930

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

Income class (net income)	Income from personal industry and business				Income from property			
	Wages and salaries	Business	Partnership	Profit from sale of real estate, securities, etc.[1]	Rents and royalties	Dividends	Interest and other income [2]	Interest on Govt. obligations [3]
Total	9,921,952	2,628,057	1,069,646	1,193,130	974,325	4,197,304	2,369,697	38,134
Under $5,000	5,514,346	1,412,604	302,716	109,086	494,924	488,648	883,305	----------
$5,000 to $6,000	757,905	210,801	74,854	31,585	60,421	123,927	117,839	----------
$6,000 to $10,000	1,475,350	444,193	189,960	103,725	139,516	449,227	334,242	----------
$10,000 to $25,000	1,328,394	370,081	243,851	191,464	153,012	932,635	481,161	16,497
$25,000 to $50,000	439,370	109,392	118,183	130,261	62,665	649,447	251,761	9,649
$50,000 to $100,000	214,830	48,287	83,324	136,598	31,316	527,776	152,552	5,532
$100,000 to $150,000	65,455	15,081	28,201	75,351	10,105	238,100	49,675	1,600
$150,000 to $300,000	60,040	11,378	30,919	110,246	9,860	270,218	43,663	2,999
$300,000 to $500,000	23,215	2,898	10,540	72,424	4,967	133,198	17,619	460
$500,000 to $1,000,000	20,908	2,414	5,076	82,419	3,825	148,491	16,790	382
$1,000,000 and over	22,079	329	1,913	146,971	3,714	229,637	21,290	925
	Per cent of total income derived from each source							
Total	44.27	11.73	4.86	5.32	4.35	18.73	10.57	.17
Under $5,000	59.90	15.34	3.29	1.18	5.38	5.31	9.60	----------
$5,000 to $6,000	55.03	15.30	5.43	2.29	4.39	9.00	8.56	----------
$6,000 to $10,000	47.04	14.16	6.06	3.31	4.45	14.32	10.66	----------
$10,000 to $25,000	35.74	9.96	6.56	5.15	4.12	25.09	12.94	.44
$25,000 to $50,000	24.31	6.18	6.67	7.36	3.54	36.68	14.22	.54
$50,000 to $100,000	17.09	4.04	6.98	10.03	2.62	44.20	12.78	.46
$100,000 to $150,000	13.51	3.24	5.84	15.56	2.09	49.16	10.25	.35
$150,000 to $300,000	10.83	2.05	5.58	21.51	1.78	49.83	7.88	.54
$300,000 to $500,000	8.75	1.09	3.97	27.30	1.87	50.20	6.64	.18
$500,000 to $1,000,000	7.48	.86	1.81	29.40	1.36	52.96	5.99	.14
$1,000,000 and over	5.17	.08	.45	34.43	.87	53.80	4.99	.21

[1] Includes capital net gain from sale of assets held more than 2 years. (See Table 174.)
[2] Including fiduciary income.
[3] If not wholly exempt from tax.

No. 176.—PERSONAL INCOME TAX RETURNS:[1] BY FAMILY RELATIONSHIP

	1924	1925	1926	1927	1928	1929	1930
Number of returns	7,869,788	4,171,051	4,138,092	4,101,547	4,070,851	4,044,327	3,707,509
Joint returns of husbands and wives [2]	3,991,551	2,074,849	2,017,182	2,016,850	1,976,954	1,973,864	1,864,229
Wives making separate returns from husbands	173,225	120,358	113,550	112,719	124,208	116,265	104,325
Single men, heads of families	394,201	274,139	268,090	302,821	286,873	290,116	263,180
Single women, heads of families	153,279	96,552	100,284	103,430	105,194	107,867	107,117
All other men	1,865,258	1,193,379	1,146,871	1,109,676	1,079,948	1,055,604	894,706
All other women	773,314	392,186	449,727	431,769	456,757	457,822	439,205
Community property income	18,960	19,578	42,388	24,282	40,917	42,789	34,747
Net income (1,000 dollars)	25,658,153	21,894,576	21,958,506	22,545,091	25,226,320	24,800,786	18,118,685
Joint returns of husbands and wives [2]	16,605,378	13,772,705	13,555,920	13,870,232	15,269,775	14,853,469	10,882,726
Wives making separate returns from husbands	955,600	1,003,021	1,110,206	1,219,714	1,525,571	1,476,321	915,035
Single men, heads of families	1,227,022	1,103,331	1,102,102	1,211,235	1,280,921	1,237,884	986,809
Single women, heads of families	445,185	406,658	436,422	463,327	502,008	517,515	435,463
All other men	4,223,497	3,716,460	3,639,034	3,700,791	3,944,632	3,879,011	2,755,809
All other women	1,883,757	1,540,291	1,750,900	1,770,517	2,043,223	2,168,737	1,704,168
Community property income	226,314	261,210	303,922	309,274	660,106	647,799	438,625

[1] See headnote, Table 171.
[2] Includes returns of husbands whose wives, though living with them, file separate returns.

Source of Tables 175 and 176: Statistics of income, Reports of the Commissioner of Internal Revenue.

No. 177.—INDIVIDUAL INCOME TAX RETURNS: INCOME DISTRIBUTED BY SOURCES, BY STATES AND TERRITORIES, 1930

[All figures in thousands of dollars]

Division and State	Total income	From personal industry and business				From property			
		Wages and salaries	Business	Partnership	Profits from sale of real estate, securities, etc.[1]	Rents and royalties	Dividends	Interest and investment income[2]	Interest on Government obligations[3]
Total	22,412,446	9,921,952	2,628,057	1,089,646	1,193,130	974,325	4,197,304	2,369,897	38,134
New England	2,090,298	834,584	227,895	69,426	122,933	61,665	524,914	245,906	3,472
Maine	107,747	36,655	18,069	4,303	4,646	3,701	22,665	16,912	196
New Hampshire	70,095	26,207	11,656	2,595	2,870	2,864	16,292	7,510	101
Vermont	45,524	18,253	6,959	2,005	1,887	1,565	9,405	5,402	48
Massachusetts	1,210,790	499,768	126,919	39,855	73,999	30,002	291,904	146,345	1,998
Rhode Island	164,072	64,420	16,025	5,975	7,982	5,688	43,076	20,621	284
Connecticut	492,070	189,281	47,167	14,693	31,549	17,845	141,572	49,116	845
Middle Atlantic	8,435,436	3,647,454	850,423	435,144	517,320	248,097	1,766,724	956,887	12,888
New York	5,292,568	2,261,253	479,923	312,645	362,209	140,180	1,134,431	594,063	7,865
New Jersey	1,147,374	571,491	120,608	39,902	48,415	36,013	200,667	129,006	1,271
Pennsylvania	1,995,494	814,710	249,892	82,597	107,196	71,904	431,626	233,818	3,752
East North Central	4,864,608	2,345,768	505,028	194,678	237,877	202,202	841,879	527,977	9,198
Ohio	1,158,558	581,930	118,839	43,875	65,615	52,155	228,504	63,803	3,836
Indiana	334,007	174,594	44,820	16,334	14,044	17,081	49,508	16,368	1,258
Illinois	2,090,684	977,328	196,594	87,432	93,172	73,403	339,336	320,111	2,809
Michigan	844,762	398,010	89,590	28,651	47,547	41,980	156,706	81,417	860
Wisconsin	436,597	213,406	55,185	18,386	17,499	17,583	67,825	46,278	435
West North Central	1,403,371	619,912	241,589	79,359	50,500	82,409	206,502	120,159	2,940
Minnesota	319,032	148,698	47,343	17,909	11,409	11,589	51,590	29,622	873
Iowa	210,859	80,448	49,036	13,797	4,241	14,716	27,899	20,525	226
Missouri	515,333	252,100	53,697	19,691	23,385	26,699	95,187	43,060	1,413
North Dakota	29,858	14,061	7,554	2,343	452	1,595	1,614	2,230	10
South Dakota	37,234	14,730	11,122	3,279	531	2,489	2,491	2,567	25
Nebraska	136,083	55,657	32,742	10,293	4,004	8,935	13,086	11,246	120
Kansas	154,472	54,218	40,095	12,047	6,478	16,386	14,685	10,309	273
South Atlantic	1,619,493	742,645	191,432	71,162	60,726	82,705	312,078	155,082	3,661
Delaware	89,091	24,829	6,132	2,421	4,829	2,177	39,530	8,430	743
Maryland	418,993	174,208	48,649	18,357	18,564	17,413	86,436	54,718	648
Dist. of Columbia	256,812	139,866	29,486	8,273	7,904	11,159	31,920	27,710	493
Virginia	192,245	93,664	24,750	10,130	5,730	10,609	30,752	16,299	311
West Virginia	135,194	63,816	18,778	6,738	4,300	8,413	27,129	5,445	506
North Carolina	144,121	69,711	15,356	6,278	5,053	9,104	32,356	6,051	212
South Carolina	54,849	28,449	7,950	2,975	1,139	3,472	5,768	5,010	36
Georgia	159,869	86,112	16,800	8,193	5,142	10,195	23,077	10,079	271
Florida	168,319	61,990	23,531	7,797	7,946	10,163	35,110	21,340	441
East South Central	511,366	246,893	64,704	31,456	17,136	30,802	78,367	41,160	847
Kentucky	169,442	75,211	21,240	8,900	6,529	9,206	34,661	13,255	440
Tennessee	172,704	87,647	21,670	11,294	4,976	9,700	24,450	12,729	232
Alabama	116,580	57,822	13,008	7,464	4,371	8,067	14,687	11,011	150
Mississippi	52,640	26,213	8,780	3,798	1,260	3,829	4,569	4,165	25
West South Central	1,004,983	430,764	144,887	73,158	60,071	100,101	113,408	80,892	1,900
Arkansas	56,763	26,221	9,371	4,958	1,462	4,790	5,105	4,814	42
Louisiana	171,601	81,577	21,976	10,571	6,766	12,147	22,147	16,132	285
Oklahoma	204,004	86,554	29,645	12,814	16,040	22,110	24,204	12,163	474
Texas	572,615	236,412	83,895	44,816	35,803	61,054	61,952	47,783	1,099
Mountain	416,720	180,765	79,168	22,382	16,834	21,749	55,006	40,188	635
Montana	52,665	25,482	9,849	3,324	1,603	2,649	5,615	4,042	103
Idaho	31,962	13,237	9,460	1,922	874	1,670	2,271	2,501	19
Wyoming	26,305	12,231	6,602	1,416	705	1,347	2,000	1,967	36
Colorado	151,222	60,567	25,350	7,283	6,663	7,571	26,677	16,753	359
New Mexico	29,828	10,736	7,521	2,387	1,047	1,986	2,591	3,548	13
Arizona	51,562	22,869	8,884	2,753	2,368	3,603	4,817	5,228	41
Utah	53,338	27,513	8,334	2,051	1,640	2,025	7,827	3,891	58
Nevada	19,838	8,130	3,168	1,246	933	889	3,208	2,258	6
Pacific[4]	2,019,807	853,454	318,018	112,051	107,169	142,243	285,980	198,373	2,520
Washington[4]	276,929	135,496	49,921	12,758	12,459	13,173	29,789	23,055	278
Oregon	124,014	61,989	22,265	6,816	4,195	6,542	11,053	10,998	157
California	1,618,864	655,969	245,832	92,477	90,515	122,528	245,138	164,320	2,085
Hawaii	46,364	19,715	5,413	829	2,064	2,352	12,446	3,473	73

[1] Includes capital net gain from sale of assets held more than 2 years (see table 178).
[2] Including fiduciary income. [3] If not wholly exempt from tax. [4] Includes Alaska.

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

No. 178.—INDIVIDUAL INCOME TAX RETURNS:

[All money figures, except average per return

Division and State	Number of returns	Net income [1]	Prior year loss deduction	Exemptions from normal tax				Normal tax
				Personal exemption	Dividends	Interest on Govt. obligations [2]	Capital net gain [3]	
Total	3,707,509	18,118,635	39,921	11,010,017	4,197,304	38,134	556,392	129,475
New England	341,327	1,737,544	1,605	978,929	524,914	3,472	53,125	11,686
Maine	17,829	90,691	92	53,807	22,665	196	1,125	641
New Hampshire	13,927	60,015	2	40,758	16,292	101	630	312
Vermont	8,635	39,259	5	25,987	9,405	48	347	206
Massachusetts	202,253	1,010,384	700	576,610	291,904	1,998	33,132	7,054
Rhode Island	23,862	136,571	144	69,687	43,076	284	3,356	958
Connecticut	74,821	400,674	572	212,080	141,572	845	14,535	2,515
Middle Atlantic	1,222,012	6,788,177	16,659	3,626,576	1,786,724	12,889	284,940	54,699
New York	711,566	4,189,130	13,007	2,111,317	1,134,431	7,865	215,816	36,467
New Jersey	187,943	956,733	1,225	560,192	200,667	1,272	19,838	6,863
Pennsylvania	322,503	1,620,314	2,337	955,067	431,626	3,752	49,295	11,369
East North Central	835,640	3,887,832	9,120	2,487,945	841,879	9,198	112,229	26,170
Ohio	199,600	950,397	2,050	604,034	228,504	3,836	37,460	5,596
Indiana	65,679	280,940	368	197,098	49,508	1,258	7,200	1,624
Illinois	327,631	1,630,447	4,059	954,042	339,336	2,809	42,067	12,898
Michigan	147,364	668,391	2,403	440,080	156,706	860	20,959	4,104
Wisconsin	95,366	357,657	240	291,491	67,825	435	4,534	1,948
West North Central	260,605	1,158,682	1,748	811,854	206,502	2,939	18,937	7,238
Minnesota	57,539	266,572	244	175,360	51,590	873	3,952	1,719
Iowa	39,917	174,966	295	125,213	27,869	226	820	971
Missouri	85,507	419,648	657	261,198	95,187	1,413	12,158	2,876
North Dakota	8,262	24,478	28	27,295	1,614	10	7	76
South Dakota	9,449	31,454	7	30,639	2,491	24	----------	121
Nebraska	27,271	113,935	239	87,680	13,086	120	1,048	680
Kansas	32,660	127,629	280	104,469	14,665	273	952	795
South Atlantic	288,381	1,305,426	2,683	866,943	312,078	3,661	20,038	7,860
Delaware	9,342	64,913	18	26,821	30,530	743	2,355	350
Maryland	68,426	354,627	331	205,049	80,436	648	7,710	2,547
Dist. of Columbia	51,044	217,558	282	133,832	31,920	493	2,216	1,645
Virginia	37,915	150,272	337	117,513	30,752	311	1,185	800
West Virginia	27,130	110,726	142	83,177	27,129	506	387	506
North Carolina	25,216	103,025	450	80,272	32,356	212	2,036	398
South Carolina	12,179	42,714	56	39,424	5,768	36	33	189
Georgia	28,996	128,081	317	91,341	23,077	271	1,648	703
Florida	28,133	126,910	730	88,914	35,110	441	2,468	722
East South Central	98,455	409,978	542	305,266	78,367	848	3,975	2,151
Kentucky	31,021	135,098	129	92,485	34,661	441	1,515	669
Tennessee	32,682	140,423	220	102,508	24,450	232	773	795
Alabama	22,605	93,901	84	70,540	14,687	150	1,403	544
Mississippi	12,147	40,556	109	39,733	4,569	25	284	143
West South Central	183,053	788,380	3,172	548,244	113,408	1,900	19,705	5,608
Arkansas	12,490	43,283	222	40,917	5,105	42	50	179
Louisiana	32,979	138,836	534	98,833	22,147	285	1,932	840
Oklahoma	32,526	157,411	623	105,946	24,204	474	6,255	1,218
Texas	105,058	448,850	1,793	302,548	61,952	1,099	11,468	3,369
Mountain	87,943	351,831	599	281,943	55,006	834	4,799	1,880
Montana	11,635	45,496	82	33,958	5,615	103	343	228
Idaho	7,852	27,757	38	22,936	2,271	19	----------	121
Wyoming	6,809	22,980	75	19,909	2,000	36	----------	106
Colorado	28,986	125,796	269	88,477	26,677	359	2,096	718
New Mexico	6,288	24,971	60	18,136	2,591	12	60	156
Arizona	10,590	42,775	34	30,642	4,817	41	1,515	250
Utah	11,777	45,369	40	37,581	7,827	58	265	195
Nevada	4,006	16,688	1	10,304	3,208	6	520	106
Pacific [7]	382,224	1,675,538	3,771	1,095,709	285,980	2,520	37,614	12,007
Washington [7]	63,129	238,858	471	185,507	20,789	278	5,366	1,195
Oregon	26,047	106,076	284	79,581	11,053	157	814	649
California	293,048	1,330,604	3,016	830,620	245,138	2,085	31,434	10,172
Hawaii	7,869	37,246	22	26,609	12,446	73	1,021	178

[1] See Note 1, Table 174.
[2] If not wholly exempt from tax.
[3] Relates to net gain from sale of assets held more than 2 years; this amount, less certain allowable deductions, is exempt from normal tax but subject to a specific tax. See Note 4, Table 172.
[4] Tax on capital net gain from sale of assets held more than 2 years less tax credit on capital net loss from such sales.

ANALYSIS BY STATES AND TERRITORIES, 1930

and per capita tax, in thousands of dollars]

Surtax	Net tax on capital net gain [4]	Tax credit of 25 per cent of tax on earned net income	Net tax	Average per return: Net income	Average per return: Tax	Tax per capita of total population [5]	Per cent of population filing returns [5]	Per cent of United States total: Population [5]	Returns	Net income	Tax	Division and State
316,816	55,310	24,886	476,715	4,887	129	3.87	3.01	100.00	100.00	100.00	100.00	Total
31,494	4,618	2,331	45,467	5,091	133	5.57	4.18	6.63	9.21	9.59	9.53	N.E.
1,182	114	109	1,828	5,087	103	2.29	2.24	.65	.48	.50	.38	Me.
628	67	56	952	4,309	98	2.05	2.99	.38	.38	.33	.20	N. H.
415	42	36	627	4,547	73	1.74	2.40	.29	.28	.22	.13	Vt.
17,880	3,004	1,428	26,510	4,995	131	6.23	4.76	3.45	5.46	5.58	5.56	Mass.
3,033	310	186	4,114	5,723	172	5.98	3.47	.56	.64	.75	.86	R. I.
8,356	1,080	516	11,436	5,355	163	7.12	4.66	1.30	2.02	2.21	2.40	Conn.
161,267	28,232	10,645	233,554	5,587	191	8.89	4.63	21.32	32.96	37.34	48.99	M. A.
112,729	21,340	7,028	163,509	5,887	230	12.99	5.65	10.22	19.19	23.12	34.30	N. Y.
15,925	1,954	1,522	23,219	5,091	124	5.75	4.65	3.28	5.07	5.28	4.87	N. J.
32,613	4,938	2,095	46,826	5,024	145	4.86	3.35	7.82	8.70	8.94	9.82	Pa.
62,025	11,396	5,527	94,064	4,653	113	3.72	3.30	20.53	22.54	21.46	19.74	E. N. C.
13,779	3,788	1,284	21,879	4,762	110	3.29	3.00	5.39	5.38	5.25	4.59	Ohio.
3,095	741	351	5,110	4,277	78	1.58	2.03	2.63	1.77	1.55	1.07	Ind.
29,128	4,299	2,621	43,703	4,976	133	5.73	4.29	6.19	8.84	9.00	9.17	Ill.
12,064	2,185	874	17,479	4,536	119	3.61	3.04	3.93	3.98	3.69	3.67	Mich.
3,959	383	397	5,893	3,750	62	2.01	3.24	2.39	2.57	1.97	1.24	Wis.
11,369	1,859	1,490	18,976	4,446	73	1.43	1.96	10.80	7.03	6.38	3.99	W. N. C.
3,059	339	373	4,744	4,633	82	1.85	2.24	2.08	1.55	1.47	1.00	Minn.
1,595	[6]18	192	2,356	4,383	59	.95	1.62	2.01	1.08	.97	.49	Iowa.
5,202	1,302	630	8,750	4,908	102	2.41	2.36	2.95	2.31	2.31	1.84	Mo.
24	1	14	87	2,963	10	.13	1.21	.55	.22	.13	.02	N. D.
79	[6]1	22	178	3,329	19	.26	1.36	.56	.25	.17	.04	S. D.
722	120	140	1,381	4,178	51	1.00	1.98	1.12	.74	.63	.29	Nebr.
688	116	119	1,480	3,908	45	.79	1.74	1.53	.88	.70	.31	Kans.
20,166	1,902	1,486	28,446	4,527	99	1.80	1.83	12.82	7.78	7.21	5.96	S. A.
3,495	155	73	3,928	6,949	420	16.48	3.92	.19	.25	.36	.82	Del.
6,881	804	437	9,796	5,183	143	6.00	4.19	1.33	1.85	1.96	2.05	Md.
2,691	182	317	4,201	4,262	82	8.63	10.48	.40	1.38	1.20	.88	D. C.
1,315	84	148	2,051	4,122	54	.85	1.57	1.97	1.02	.80	.43	Va.
828	7	102	1,239	4,081	46	.72	1.57	1.40	.73	.61	.26	W.Va.
1,910	208	90	2,427	4,109	96	.77	.80	2.57	.68	.57	.51	N. C.
151	4	39	305	3,507	25	.18	.70	1.41	.33	.24	.06	S. C.
923	192	160	1,659	4,417	57	.57	1.00	2.36	.78	.71	.35	Ga.
1,972	266	120	2,840	4,511	101	1.93	1.92	1.19	.76	.70	.60	Fla.
3,317	434	416	5,487	4,164	56	.55	1.00	8.02	2.66	2.27	1.14	E. S. C.
1,206	178	127	1,926	4,355	62	.74	1.19	2.12	.84	.75	.40	Ky.
1,246	72	157	1,955	4,297	60	.75	1.25	2.12	.88	.78	.41	Tenn.
764	149	104	1,354	4,154	60	.51	.85	2.15	.61	.52	.28	Ala.
101	35	28	252	3,339	21	.13	.60	1.63	.33	.22	.05	Miss.
6,892	2,177	785	13,892	4,307	76	1.14	1.50	2.88	4.94	4.36	2.92	W. S. C.
133	[6]38	31	242	3,465	19	.13	.67	1.51	.34	.24	.05	Ark.
683	215	139	1,600	4,210	49	.76	1.57	1.71	.89	.77	.34	La.
1,702	690	194	3,417	4,840	105	1.43	1.36	1.94	.88	.87	.72	Okla.
4,374	1,310	421	8,633	4,272	82	1.48	1.80	4.72	2.83	2.48	1.81	Tex.
2,839	505	317	4,897	4,001	56	1.32	2.38	3.00	2.37	1.94	1.03	Mt.
235	35	38	461	3,910	40	.86	2.16	.44	.31	.25	.10	Mont.
28	----	20	128	3,535	16	29	1.76	.36	.21	.15	.03	Idaho.
54	----	18	141	3,375	21	.63	3.02	.19	.18	.13	.03	Wyo.
1,670	175	124	2,440	4,340	84	2.36	2.80	.84	.78	.69	.51	Colo.
84	6	23	222	3,971	35	.52	1.49	.34	.17	.14	.05	N. M.
185	189	39	584	4,039	55	1.34	2.43	.35	.20	.24	.12	Ariz.
206	35	39	448	3,852	38	.88	2.32	.41	.32	.25	.09	Utah.
317	65	16	473	4,166	118	5.19	4.40	.07	.11	.09	.10	Nev.
16,734	4,068	1,851	30,980	4,384	81	3.59	4.43	7.00	10.51	9.45	6.70	Pac. [7]
1,163	580	189	2,750	3,784	44	1.69	4.04	1.32	1.70	1.32	.58	Wash. [7]
472	86	125	1,074	4,072	41	1.13	2.73	.77	.70	.50	.23	Oreg.
15,099	3,402	1,537	27,136	4,541	93	4.78	5.16	4.61	7.90	7.34	5.69	Calif.
713	119	38	972	4,733	124	2.64	2.14	.30	.21	.20	.20	Hawaii.

[5] Based on Fifteenth Census (Apr. 1, 1930).
[6] Excess of tax credit on capital net loss from sale of assets held more than 2 years over tax on capital net gain from such sales.
[7] Includes figures for Alaska.

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

No. 179.—INDIVIDUAL INCOME TAX RETURNS: BY STATES AND TERRITORIES, 1928 TO 1930

NOTE.—See headnote Table 171. The net income here shown is subject to deduction of exemptions to give net income subject to tax, see Tables 172 and 178

[Net income and tax yield in thousands of dollars]

Division and State	Number of returns			Net income			Tax yield		
	1928	1929	1930	1928	1929	1930	1928	1929	1930
Total	4,070,351	4,044,327	3,707,509	25,226,327	24,800,736	18,118,635	1,164,254	1,001,938	476,715
New England	364,560	364,946	341,327	2,288,052	2,357,829	1,737,544	98,246	95,718	45,467
Maine	18,611	19,173	17,829	111,568	115,875	90,601	4,262	3,562	1,823
N. Hampshire	14,132	14,341	13,927	72,610	74,307	60,015	1,992	1,735	952
Vermont	9,304	9,586	8,635	48,086	49,916	39,259	1,056	1,020	627
Massachusetts	215,550	213,316	202,255	1,357,076	1,371,652	1,010,334	59,739	57,857	25,510
Rhode Island	25,801	26,481	23,862	176,225	184,531	136,571	8,093	7,851	4,114
Connecticut	81,063	82,049	74,821	522,497	561,548	400,674	23,104	23,693	11,436
Middle Atlantic	1,338,319	1,317,752	1,222,012	9,904,458	9,683,848	6,766,177	600,269	531,338	283,554
New York	780,418	757,835	711,506	6,453,089	6,253,466	4,189,130	451,607	396,687	163,509
New Jersey	196,681	195,772	187,943	1,241,411	1,212,423	956,733	51,890	43,956	23,219
Pennsylvania	361,220	364,145	322,563	2,204,950	2,217,959	1,620,314	96,772	90,695	46,826
E. N. Central	945,847	943,114	835,640	5,580,654	5,366,055	3,887,832	239,215	189,554	94,064
Ohio	218,479	215,804	190,600	1,302,762	1,259,572	950,397	55,394	43,634	21,879
Indiana	75,376	76,493	65,679	365,337	366,846	280,940	10,101	8,208	5,110
Illinois	373,621	369,855	327,631	2,302,631	2,258,946	1,630,447	110,660	86,825	43,703
Michigan	179,886	177,918	147,304	1,066,530	1,029,757	868,391	50,601	40,600	17,479
Wisconsin	98,485	103,044	95,366	453,394	450,934	357,657	12,459	10,287	5,893
W. N. Central	285,550	282,229	260,605	1,501,684	1,511,458	1,158,682	42,620	35,110	18,976
Minnesota	60,752	60,701	57,539	340,153	337,881	266,572	11,025	9,799	4,744
Iowa	40,789	45,023	39,917	221,881	222,103	174,966	6,216	3,925	2,356
Missouri	99,295	98,367	85,507	563,951	553,128	419,648	18,911	16,417	8,750
N. Dakota	9,710	9,170	8,262	34,878	31,197	24,478	209	111	87
S. Dakota	10,649	10,449	9,449	38,955	40,156	31,454	322	391	178
Nebraska	31,426	30,962	27,271	139,471	140,323	113,935	2,109	1,919	1,381
Kansas	32,929	37,557	32,660	162,395	181,661	127,629	2,928	2,548	1,480
South Atlantic	297,093	299,376	288,381	1,628,663	1,640,527	1,305,426	59,812	54,647	28,446
Delaware	9,592	9,780	9,342	107,335	148,850	64,913	10,592	14,525	3,928
Maryland	65,258	68,654	68,426	409,371	425,186	354,627	16,127	15,642	9,796
Dist. of Col	44,183	48,087	51,044	227,621	242,283	217,558	7,474	6,409	4,201
Virginia	37,619	38,631	37,916	181,750	179,294	156,272	4,409	3,201	2,051
W. Virginia	30,643	29,803	27,130	140,128	136,768	110,726	2,921	2,299	1,239
N. Carolina	30,997	28,860	25,216	101,039	130,353	103,025	6,052	3,283	2,427
S. Carolina	13,725	13,232	12,179	55,510	50,257	42,714	717	566	305
Georgia	32,921	32,289	28,996	167,064	163,181	128,081	3,806	2,786	1,659
Florida	32,155	30,040	28,133	178,844	164,355	126,910	7,714	5,936	2,840
E. S. Central	113,437	110,794	98,455	590,910	555,520	409,978	16,068	11,513	5,487
Kentucky	35,367	34,623	31,021	193,766	191,641	135,098	5,639	5,077	1,926
Tennessee	35,039	34,664	32,682	190,287	177,388	140,423	5,624	3,748	1,955
Alabama	26,891	25,818	22,605	142,168	122,569	93,901	4,636	2,088	1,354
Mississippi	16,140	15,689	12,147	64,689	63,922	40,556	764	600	252
W. S. Central	203,175	201,461	188,053	1,047,026	1,048,491	788,380	26,107	22,461	13,892
Arkansas	16,060	15,813	12,490	71,690	68,911	43,283	878	713	242
Louisiana	36,981	35,093	32,979	184,035	170,714	138,830	4,380	2,860	1,600
Oklahoma	37,261	37,000	32,526	211,062	216,347	157,411	6,447	6,021	3,417
Texas	112,273	113,555	105,058	580,239	592,519	448,856	14,402	12,867	8,633
Mountain	102,585	103,964	87,943	469,480	472,202	351,831	10,051	7,578	4,897
Montana	17,112	17,067	11,635	72,908	71,397	45,495	1,298	1,019	461
Idaho	9,808	9,830	7,852	37,123	38,526	27,757	283	184	128
Wyoming	8,622	8,140	6,809	33,233	30,813	22,980	372	189	141
Colorado	31,091	31,268	28,986	158,932	158,752	125,796	4,460	3,534	2,440
N. Mexico	6,686	6,874	6,288	29,996	30,876	24,971	464	300	222
Arizona	11,527	12,448	10,590	58,369	60,788	42,775	1,600	1,114	584
Utah	13,202	13,163	11,777	58,509	59,452	45,369	1,096	882	448
Nevada	4,477	5,174	4,006	20,110	21,598	16,688	478	356	473
Pacific [1]	412,238	402,481	382,224	2,172,051	2,121,515	1,675,538	70,559	52,799	30,960
Washington [1]	66,167	65,240	63,120	278,648	302,258	238,858	4,465	5,775	2,750
Oregon	29,333	28,194	26,047	132,829	129,361	106,076	2,387	1,664	1,074
California	316,738	309,047	293,048	1,765,574	1,689,896	1,330,604	63,707	45,360	27,136
Hawaii	8,047	8,210	7,869	43,350	43,291	37,246	1,312	1,220	972

[1] Includes Alaska.

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

No. 180.—GROSS INCOME OF CORPORATIONS: BY INDUSTRIAL GROUPS

NOTE.—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 181

[In millions of dollars

Industrial group	1923	1924	1925	1926	1927	1928	1929	1930
Total	118, 564	119, 229	134, 260	142, 130	144, 398	152, 781	160, 622	138, 312
Agriculture and related industries	774	810	794	864	822	825	882	671
Mining and quarrying	4, 863	4, 849	4, 925	4, 548	3, 837	3, 589	4, 048	2, 999
Manufacturing, total	56, 221	53, 911	60, 830	62, 495	63, 722	67, 273	72, 133	60, 990
Foods, beverages, and tobacco	10, 078	11, 847	13, 400	13, 476	13, 914	14, 249	14, 768	13, 186
Textiles and textile products	7, 857	7, 189	7, 716	7, 753	7, 807	7, 837	8, 233	6, 417
Leather and leather products	1, 597	1, 507	1, 515	1, 661	1, 731	1, 722	1, 741	1, 389
Rubber and rubber goods	1, 079	1, 122	1, 469	1, 600	1, 447	1, 386	1, 427	1, 100
Forest products	2, 975	2, 835	2, 968	3, 069	2, 804	2, 842	2, 795	1, 988
Paper, pulp, and products	1, 444	1, 364	1, 491	1, 652	1, 669	1, 728	1, 796	1, 579
Printing, publishing, etc	1, 985	2, 166	2, 282	2, 547	2, 566	2, 680	2, 871	2, 663
Chemicals and allied products	6, 108	5, 890	7, 065	8, 090	8, 768	9, 551	10, 288	11, 977
Stone, clay, and glass products	1, 364	1, 383	1, 502	1, 665	1, 600	1, 655	1, 655	1, 109
Metals and metal products	16, 601	15, 939	19, 110	18, 454	19, 185	21, 174	24, 093	17, 198
All other manufacturing	5, 133	2, 668	2, 311	2, 527	2, 229	2, 449	2, 466	1, 994
Construction	2, 224	2, 210	2, 306	2, 816	3, 056	2, 978	3, 082	3, 042
Transportation and public utilities [1]	10, 527	10, 176	11, 881	14, 764	15, 140	15, 802	17, 084	15, 996
Trade	32, 274	35, 115	39, 847	40, 038	40, 944	43, 204	43, 494	37, 209
Public service	2, 419	2, 632	2, 839	3, 360	3, 587	3, 828	4, 192	4, 165
Finance, banking, insurance, etc	8, 464	9, 072	10, 517	12, 300	13, 204	15, 234	15, 659	13, 297
Nature of business not given	799	454	322	45	86	48	48	33

[1] Data prior to 1925 incomplete as these corporations to a large extent reported merely net income.

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

No. 181.—CORPORATION INCOME TAX RETURNS: RECEIPTS, DEDUCTIONS, PROFITS AND TAX, ALL CORPORATIONS, 1927 TO 1930, AND BY INDUSTRIAL GROUPS, 1930

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

	Aggregate				Manufacturing			
	1927	1928	1929	1930	Total	Food	Textiles	Leather
Compiled receipts, total [1]	144, 898	153, 375	161, 158	138, 848	60, 976	13, 192. 6	6, 422. 4	1, 389. 7
Gross sales	106, 864	112, 436	118, 101	99, 381	57, 687	12, 925. 1	6, 296. 0	1, 362. 8
Profits less losses from sales [2]	*23, 377*	*25, 171*	*27, 026*	*21, 756*	*13, 297*	*2, 616. 3*	*926. 3*	*209. 0*
Gross profits other than from sales	9, 420	10, 334	[3] 28, 598	[3] 25, 267	596	48. 6	26. 9	5. 3
Interest	3, 989	4, 476	5, 036	4, 707	393	62. 9	21. 8	4. 6
Rents and royalties	22, 468	23, 619	2, 391	2, 480	181	22. 5	19. 9	3. 0
Miscellaneous receipts			[3] 3, 903	[3] 3, 906	1, 495	77. 8	42. 1	11. 0
Tax-exempt income—								
Dividends of other domestic corporations	1, 658	1, 917	2, 593	2, 571	548	48. 8	9. 8	2. 3
Interest on Federal, State and municipal bonds	501	593	537	536	76	6. 9	5. 8	.7
Statutory deductions, total	136, 230	142, 638	149, 289	134, 190	59, 235	12, 691. 9	6, 670. 8	1, 412. 2
Cost of goods sold	83, 487	87, 265	91, 076	77, 630	44, 592	10, 309. 6	5, 369. 7	1, 153. 8
Compensation of officers	(4)	3, 199	3, 337	3, 139	1, 096	137. 3	182. 0	32. 5
Interest paid	4, 375	4, 581	4, 925	4, 861	698	124. 9	62. 8	10. 7
Taxes paid other than income tax	2, 014	2, 203	2, 222	2, 297	635	95. 1	52. 6	8. 5
Depreciation and depletion	3, 848	4, 112	4, 430	4, 449	2, 057	225. 3	148. 2	17. 2
Miscellaneous deductions	42, 506	41, 277	43, 299	41, 814	10, 357	1, 799. 5	855. 5	189. 4
Compiled net profits less net deficit	8, 669	10, 737	11, 870	4, 659	1, 741	500. 8	[5] 248. 4	[5] 22. 4
Deduct tax-exempt items (above)	2, 159	2, 510	3, 130	3, 107	624	55. 7	15. 7	2. 9
Statutory net income less net deficit	6, 510	8, 227	8, 740	1, 551	1, 118	445. 1	[5] 264. 1	[5] 25. 4
Deduct prior year loss	241	301	302	158	50	8. 0	3. 8	.6
Statutory net income after deducting prior year loss	6, 266	7, 925	8, 348	1, 393	1, 067	437. 1	[5] 267. 9	[5] 26. 0
Total tax	1, 131	1, 184	1, 193	712	317	67. 1	11. 1	4. 4
Compiled net profits less total tax	7, 538	9, 553	10, 676	3, 947	1, 424	433. 7	[5] 259. 5	[5] 26. 8

[1] Includes net profits from sale of real estate, stocks, bonds, etc., and other capital assets, but not gross receipts from these items. Excludes nontaxable income, other than interest on tax-exempt obligations and dividends on stock of domestic corporations.

[2] Gross sales less cost of goods shown under deductions.

[3] Not comparable with data for 1927 and 1928 as in 1929 and 1930 for certain industrial groups, "Transportation and other public utilities," "Service," "Finance," and "Nominal concerns," amounts formerly included under "Miscellaneous receipts" were tabulated under "Gross profits other than from sales."

[4] Included in "Miscellaneous deductions."

[5] Deficit.

No. 181.—Corporation Income Tax Returns: Receipts, Deductions, Profits and Tax, All Corporations, 1927 to 1930, and by Industrial Groups, 1930—Continued

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

	Manufacturing							
	Rubber	Forest products	Paper	Printing	Chemicals	Stone, etc.	Metals	All other
Compiled receipts, total [1]	1,100.8	1,989.8	1,560.5	2,687.2	11,995.9	1,412.0	17,230.0	1,995.9
Gross sales	1,059.4	1,910.4	1,509.5	2,507.6	10,289.9	1,374.6	16,551.7	1,900.2
Profits less losses from sales [2]	*227.1*	*374.7*	*378.7*	*781.5*	*2,610.4*	*433.2*	*4,184.5*	*566.6*
Gross profits other than from sales	3.6	15.5	5.3	54.7	296.3	5.1	121.8	13.3
Interest	9.2	16.9	25.9	11.2	78.9	7.2	136.8	17.2
Rents and royalties	5.1	11.1	3.6	20.8	32.8	4.2	48.0	10.0
Miscellaneous receipts	10.8	28.3	10.8	21.8	1,014.9	14.8	234.5	28.5
Tax-exempt income—								
Dividends of other domestic corporations	12.2	5.4	23.7	47.3	204.4	4.0	105.1	24.7
Interest on Federal, State, and municipal bonds	.5	1.6	1.7	3.8	18.7	2.1	32.1	2.0
Statutory deductions, total	1,139.7	2,098.9	1,517.8	2,494.5	11,354.2	1,386.5	16,490.1	1,998.4
Cost of goods sold	832.4	1,535.8	1,130.8	1,720.3	7,679.5	951.4	12,367.8	1,334.8
Compensation of officers	9.3	66.5	36.6	122.8	91.6	43.1	300.8	73.4
Interest paid	24.4	43.1	42.5	33.7	140.1	19.6	174.2	21.9
Taxes paid other than income tax	8.8	35.5	20.4	22.8	157.1	16.2	200.7	17.1
Depreciation and depletion	39.6	111.7	66.5	63.2	625.8	80.9	620.7	57.7
Miscellaneous deductions	225.2	306.3	221.0	525.7	2,660.1	255.3	2,826.0	493.5
Compiled net profits less net deficit	[5] 38.2	[5] 109.6	62.7	172.7	641.7	45.6	739.8	[5] 2.5
Deduct tax-exempt items (above)	12.7	7.1	25.4	51.1	283.1	6.2	137.2	26.7
Statutory net income less net deficit	[5] 51.6	[5] 116.6	37.3	121.6	358.6	39.4	602.6	[5] 29.2
Deduct prior year loss	.8	2.0	1.2	2.6	4.3	2.5	21.8	2.8
Statutory net income after deducting prior year loss	[5] 52.4	[5] 118.7	36.0	119.0	354.3	36.9	580.8	[5] 32.0
Total tax	1.3	3.8	8.5	19.8	63.0	10.5	116.1	11.8
Compiled net profit less total tax	[5] 40.2	[5] 113.2	54.2	153.1	578.7	35.1	623.7	[5] 14.3

	Agriculture	Mining and quarrying	Construction	Transportation and other public utilities	Trade	Public service	Finance	Nominal concerns
Compiled receipts, total [1]	871.9	3,009.8	3,046.2	16,026.6	37,227.1	4,166.7	13,890.7	33.1
Gross sales	*546.2*	*2,625.6*	*2,438.0*		*36,083.8*			
Profits less losses from sales [2]	*200.2*	*744.2*	*434.8*		*7,079.1*			
Gross profits other than from sales	34.5	126.7	493.1	13,815.8	420.8	3,787.0	[6] 5,964.9	28.1
Interest	9.8	20.9	28.3	340.4	142.4	86.0	3,731.2	1.4
Rents and royalties	12.4	32.9	24.0	230.3	154.5	156.6	1,687.8	.9
Miscellaneous receipts	58.3	130.8	38.3	868.9	349.2	132.0	837.3	1.4
Tax-exempt income—								
Dividends of other domestic corporations	9.7	53.6	25.4	740.2	64.0	53.2	1,076.3	1.2
Interest on Federal, State, and municipal bonds	1.0	10.1	4.1	31.0	18.4	1.9	393.5	.1
Statutory deductions, total	707.1	2,990.2	2,948.6	14,254.7	37,282.3	4,056.7	[7] 12,722.8	42.2
Cost of goods sold	346.9	1,880.7	2,003.3		29,008.5			
Compensation of officers	24.1	50.8	158.4	104.3	888.3	215.9	598.4	2.7
Interest paid	30.0	85.4	41.6	1,533.5	257.9	138.9	2,074.5	1.4
Taxes paid other than income tax	26.3	82.1	16.9	694.1	223.8	80.9	537.6	.8
Depreciation and depletion	44.1	377.1	78.1	1,049.1	310.7	193.5	340.8	.8
Miscellaneous deductions	233.6	514.1	652.3	10,873.1	6,543.1	3,427.5	[6] 9,171.4	36.5
Compiled net profits less net deficit	[5] 35.2	19.3	97.6	1,771.9	[5] 5.3	110.0	967.9	[5] 9.1
Deduct tax-exempt items (above)	10.7	63.7	29.5	771.2	82.3	55.0	1,469.7	1.4
Statutory net income less net deficit	[5] 45.9	[5] 44.3	68.1	1,000.7	[5] 87.6	55.0	[6] 501.9	[5] 10.5
Deduct prior year loss	2.1	8.8	10.2	13.6	20.3	9.9	42.5	.1
Statutory net income after deducting prior year loss	[5] 48.0	[5] 53.1	57.8	987.1	[5] 107.9	45.1	[5] 544.3	[5] 10.6
Total tax [3]	4.0	21.4	15.2	156.6	64.2	23.7	109.5	.1
Compiled net profit less total tax	[5] 39.2	[5] 2.1	82.4	1,615.3	[5] 69.4	86.3	858.4	[5] 9.2

[1] Includes net profits from sale of real estate, stocks, bonds, etc., and other capital assets, but not gross receipts from these items. Excludes nontaxable income other than interest on tax-exempt obligations and dividends on stock of domestic corporations.
[2] Gross sales less cost of goods shown under deductions.
[5] Deficit.
[6] Includes for a limited number of returns the cost of securities purchased for customers.
[7] Includes special nonexpense deductions of life-insurance companies.

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

No. 182.—CORPORATION DIVIDENDS: AS SHOWN IN INCOME TAX RETURNS

NOTE.—Dividends of life insurance companies are not included. The total cash and stock dividends for earlier years are as follows: 1922, cash, $3,436,715,000, stock, $3,348,000,000; 1923, cash, $4,169,100,000, stock, $891,300,000; 1924, cash, $4,338,800,000, stock, $510,500,000; 1925, cash, $5,180,500,000, stock, $544,400,000; 1926, cash, $5,945,203,000, stock, $757,650,000.

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

Industrial group	1927		1928		1929		1930	
	Cash dividends	Stock dividends	Cash dividends	Stock dividends	Cash dividends	Stock dividends	Cash dividends	Stock dividends
Total	6,423.2	702.5	7,073.7	550.1	8,355.6	1,288.6	8,202.2	414.1
Agriculture and related industries	47.1	1.4	50.4	1.1	33.5	5.4	25.0	3.2
Mining and quarrying	329.9	5.3	311.0	10.8	425.1	39.4	302.7	12.6
Manufacturing, total	2,602.6	248.0	2,981.6	260.8	3,158.8	409.7	3,160.9	121.9
Foods, beverages, and tobacco	365.9	71.0	375.0	19.1	449.7	51.5	483.1	9.3
Textiles and textile products	195.5	20.9	198.0	19.5	189.3	18.4	140.6	11.0
Leather and leather products	29.3	15.0	47.7	10.8	39.4	2.5	40.0	1.7
Rubber and rubber goods	58.4	2.3	27.4	6.4	46.1	18.3	44.1	.6
Forest products	108.6	9.7	112.6	11.6	103.0	12.4	69.0	4.5
Paper, pulp, and products	65.9	9.9	80.7	12.0	79.5	1.6	75.3	12.1
Printing, publishing, etc	137.7	17.4	128.1	5.5	152.7	17.1	175.2	6.9
Chemicals and allied products	521.3	12.4	771.1	95.5	819.9	189.7	864.8	25.4
Stone, clay, and glass products	85.9	5.8	83.3	17.4	90.8	11.5	79.7	8.4
Metals and metal products	956.8	76.8	1,054.0	56.5	1,078.3	76.5	1,091.9	35.3
All other manufacturing	77.3	6.8	103.8	15.6	110.1	10.2	97.2	6.7
Construction	75.1	16.1	65.4	11.3	77.8	12.6	113.5	7.8
Transportation and public utilities	1,606.9	64.2	1,652.9	44.3	2,092.7	40.2	2,223.9	40.2
Trade	553.5	127.9	561.7	74.4	624.9	97.7	560.8	61.7
Public service	133.7	46.6	134.3	12.9	176.5	7.4	166.1	11.3
Finance—banking, insurance, etc	1,069.0	192.8	1,313.9	125.4	1,762.8	675.6	1,646.8	155.3
Predominant branch not ascertainable and nominal concerns	5.3	.2	2.6	.1	3.5	.6	2.5	.1

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

No. 183.—ASSETS AND LIABILITIES OF CORPORATIONS: AS OF DECEMBER 31, OR AT CLOSE OF FISCAL YEAR NEAREST THERETO

[All money figures in millions of dollars]

	Total [1]					Agriculture		Mining and quarrying		Manufacturing, total	
	1926	1927	1928	1929	1930	1929	1930	1929	1930	1929	1930
Number of corporations submitting balance sheets	359,449	379,156	384,548	398,815	403,173	7,443	7,862	10,219	10,025	86,112	85,520
Assets, total [2]	282,179	287,542	307,218	335,777	334,002	2,139	2,031	11,832	11,395	70,282	69,245
Cash [3]	16,802	16,851	21,952	22,371	21,012	60	41	421	331	3,847	3,960
Notes and accounts receivable [4]	23,551	[5] 50,959	[5] 62,804	[5] 66,810	[5] 59,676	218	219	837	731	9,572	8,730
Inventories	20,939	21,005	20,751	21,911	18,772	198	196	694	444	12,614	11,157
Tax-exempt investments	8,694	9,781	10,116	10,338	10,228	26	22	265	180	1,973	1,799
Other investments—stocks, bonds, mortgages, etc	(6)	(6)	(6)	[7] 55,844	83,809	204	240	1,346	1,554	7,181	9,263
Real estate, buildings, and equipment [8]	97,523	104,945	109,931	116,446	120,994	1,231	1,188	7,264	7,259	28,235	28,987
Miscellaneous assets [9]	94,669	84,001	81,663	42,057	19,511	202	124	1,005	896	6,859	5,349
Liabilities, total [2]	262,179	287,542	307,218	335,778	334,002	2,140	2,031	11,832	11,395	70,282	69,245
Notes and accounts payable	24,042	24,126	27,437	29,452	26,870	376	393	975	1,028	7,418	6,853
Bonded debt and mortgages	31,801	[10] 37,740	42,943	46,643	50,282	222	229	1,037	941	5,450	5,879
Miscellaneous liabilities [11]	87,076	[10] 93,274	93,950	[10] 99,314	95,768	150	145	1,000	1,675	4,720	4,391
Capital stock	84,663	91,881	95,732	105,258	106,184	1,051	1,001	6,252	5,785	33,228	33,855
Preferred	17,146	17,800	18,476	19,738	19,117	116	79	537	452	7,009	6,837
Common	67,517	74,081	77,256	[10] 85,520	87,067	935	922	5,715	5,333	26,220	27,018
Surplus	*39,154*	*45,415*	*52,069*	*60,699*	*61,632*	*507*	*463*	*3,320*	*2,768*	*21,017*	*20,148*
Less deficit	*4,557*	*4,893*	*4,913*	*5,588*	*6,734*	*166*	*200*	*753*	*808*	*1,551*	*1,881*
Net surplus	34,597	40,521	47,156	55,111	54,898	341	263	2,567	1,965	19,466	18,267

For footnotes, see p. 184.

No. 183.—Assets and Liabilities of Corporations: As of December 31, or at Close of Fiscal Year Nearest Thereto—Continued

[All money figures in millions of dollars]

	Major manufacturing groups, 1930									
	Food	Textiles	Leather	Rubber	Forest products	Paper	Printing	Chemicals	Stone, etc.	Metals
Number of corporations submitting balance sheets	13,240	13,711	2,318	556	6,824	2,019	10,259	6,458	4,245	19,200
Assets, total [2]	9,203	5,772	1,081	1,388	3,444	2,525	3,025	14,449	2,459	23,406
Cash [3]	583	389	82	79	114	87	140	572	115	1,044
Notes and accounts receivable [4]	1,221	864	226	232	491	253	432	1,336	230	3,016
Inventories	1,697	1,346	357	231	638	310	199	1,831	330	3,742
Tax-exempt investments	153	131	17	12	42	44	89	324	75	855
Other investments—stocks, bonds, mortgages, etc.	1,098	380	74	206	258	448	451	3,127	183	2,750
Real estate, buildings, and equipment [5]	3,577	2,313	255	491	1,577	1,241	951	6,412	1,304	9,885
Miscellaneous assets [6]	874	349	70	117	224	142	763	847	132	1,514
Liabilities, total [2]	9,203	5,772	1,081	1,388	3,444	2,525	3,025	14,449	2,459	23,406
Notes and accounts payable	1,097	877	170	147	530	223	392	1,247	209	1,865
Bonded debt and mortgages	981	252	33	268	259	337	340	1,151	214	1,878
Miscellaneous liabilities [11]	546	295	50	57	203	109	370	948	97	1,536
Capital stock	4,575	3,213	634	792	1,483	1,275	1,067	7,395	1,353	10,755
Preferred	1,143	831	194	277	216	312	218	739	341	2,329
Common	3,432	2,382	440	515	1,267	963	849	6,656	1,012	8,426
Surplus	*2,216*	*1,471*	*248*	*176*	*1,162*	*603*	*959*	*4,016*	*662*	*7,942*
Less deficit	*212*	*336*	*54*	*72*	*192*	*29*	*103*	*208*	*76*	*370*
Net surplus	2,004	1,135	194	104	969	574	856	3,708	586	7,572

	Construction		Transportation and other public utilities		Trade		Public service		Finance, banking, insurance, etc.	
	1929	1930	1929	1930	1929	1930	1929	1930	1929	1930
Number of corporations submitting balance sheets	16,355	16,490	17,258	17,248	117,583	119,792	28,710	30,312	113,463	114,275
Assets, total [2]	3,095	3,012	77,792	80,479	21,842	20,115	7,820	7,518	140,724	140,035
Cash [3]	208	215	1,634	1,693	1,283	1,209	440	292	14,471	13,207
Notes and accounts receivable [4]	876	800	3,974	3,670	6,305	5,653	833	686	[5] 44,129	[5] 39,158
Inventories	305	248	1,119	973	5,862	5,046	191	241	921	462
Tax-exempt investments	95	108	287	216	263	243	45	43	7,380	7,613
Other investments—stocks, bonds, mortgages, etc.	381	445	9,326	14,289	1,501	1,789	1,830	1,061	[7] 34,020	54,523
Real estate, buildings, and equipment [8]	857	896	52,205	55,061	4,967	4,889	3,814	3,880	17,819	18,792
Miscellaneous assets [9]	373	298	9,247	4,577	1,661	1,226	667	715	21,984	6,280
Liabilities, total [2]	3,095	3,012	77,792	80,479	21,842	20,115	7,820	7,518	140,724	140,035
Notes and accounts payable	846	773	4,449	4,146	5,730	5,030	954	963	8,654	7,639
Bonded debt and mortgages	350	350	26,619	28,739	1,253	1,331	1,563	1,718	10,135	11,078
Miscellaneous liabilities [11]	505	434	7,038	6,818	1,339	961	802	548	[12] 83,145	80,784
Capital stock	884	931	28,131	28,345	9,317	9,174	2,519	2,573	[12] 23,082	23,357
Preferred	152	167	5,655	5,398	1,851	1,846	616	509	3,770	3,815
Common	732	764	22,476	22,947	7,466	7,328	1,903	2,064	[12] 19,012	20,542
Surplus	*621*	*653*	*11,769*	*13,214*	*4,834*	*4,476*	*2,295*	*2,076*	*16,238*	*17,809*
Less deficit	*111*	*129*	*815*	*783*	*981*	*857*	*313*	*360*	*1,130*	*1,632*
Net surplus	510	524	10,954	12,431	4,203	3,619	1,982	1,716	15,108	16,177

[1] Includes nominal concerns, nature of business not given, not shown separately. [2] Less deficit.
[3] In till and deposits in banks. [4] Less reserve for bad debts.
[5] Includes loans and discounts of banks included in "miscellaneous assets" in 1926.
[6] Included in "Miscellaneous assets."
[7] Excludes stocks, bonds, loans, mortgages, etc., of life insurance companies classified with "miscellaneous assets" prior to 1930. [8] Less depreciation.
[9] Includes patents, good will, formulas, trade-marks, and all other items not shown separately. For 1926 to 1928, miscellaneous assets also include all stocks and bonds other than tax-exempt obligations, and loans, mortgages, etc., except loans and discounts reported by banks; for 1929, only such items reported by life insurance companies.
[10] Revised owing to revision in "Transportation and other public utilities" in 1927, and "Finance" in 1929.
[11] Includes reserves, other than surplus reserves and reserves for depreciation and bad debts; accrued expenses; unadjusted credits; deposits (time, saving, demand, etc.) and note circulation reported by banks; policy claims, and value of outstanding policies and annuities for life insurance companies.
[12] Revised figure.

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

No. 184.—CORPORATION INCOME TAX RETURNS: BY STATES AND TERRITORIES, 1927 TO 1930

[All figures in thousands of dollars]

Division and State	Net income (corporations reporting net income)				Income tax			
	1927	1928	1929	1930	1927	1928	1929	1930
Total	8,981,884	10,617,741	11,653,886	6,428,813	1,130,674	1,184,142	1,193,436	711,704
New England	643,658	698,338	756,553	396,767	78,523	76,987	76,418	43,392
Maine	36,574	34,915	35,379	24,232	4,327	3,703	3,432	2,497
New Hampshire	11,148	11,398	11,948	7,455	1,240	1,168	1,117	720
Vermont	9,927	10,314	10,255	5,287	1,164	1,038	963	491
Massachusetts	399,971	412,506	444,570	249,537	49,174	45,932	44,620	27,837
Rhode Island	49,046	51,732	54,487	25,345	5,791	5,585	5,504	2,677
Connecticut	136,992	177,471	199,914	84,911	16,827	19,570	20,782	9,170
Middle Atlantic	3,701,485	4,530,879	5,151,840	2,881,947	472,045	512,905	540,903	326,465
New York	2,545,507	3,248,917	3,646,922	2,091,540	324,573	367,733	383,110	238,010
New Jersey	349,484	376,247	444,895	224,871	43,337	41,171	45,680	24,075
Pennsylvania	806,494	905,715	1,060,023	565,536	104,135	104,001	112,113	64,380
East North Central	2,268,164	2,645,749	2,875,791	1,451,954	290,040	298,331	290,062	161,205
Ohio	505,740	589,966	687,231	301,340	63,487	64,775	71,393	33,041
Indiana	115,760	122,603	124,080	71,467	13,965	12,902	11,980	7,250
Illinois	836,588	1,012,940	1,103,647	586,664	107,499	115,222	115,133	66,135
Michigan	624,658	735,671	762,435	389,343	81,971	85,310	71,628	43,858
Wisconsin	185,418	184,569	198,398	103,140	23,118	20,122	19,928	10,921
West North Central	547,185	628,595	652,551	400,375	87,236	87,346	85,141	42,258
Minnesota	117,224	155,637	146,669	87,556	14,227	17,091	14,697	9,225
Iowa	53,292	65,510	68,046	46,489	6,154	6,604	6,399	4,574
Missouri	239,671	256,781	262,695	162,446	30,281	27,953	26,786	17,748
North Dakota	5,412	5,688	4,538	2,721	399	321	251	133
South Dakota	5,230	6,229	6,296	4,846	387	395	394	294
Nebraska	26,750	30,623	30,079	21,996	2,982	2,883	2,662	2,043
Kansas	99,606	108,127	134,228	74,321	12,807	12,099	13,952	8,241
South Atlantic	699,650	778,806	893,882	534,441	87,302	86,416	91,927	59,013
Delaware	116,890	189,783	272,455	125,273	15,548	22,067	29,423	14,548
Maryland	104,113	156,352	165,645	116,375	13,189	17,573	16,851	13,225
Dist. of Columbia	55,838	55,898	52,909	30,331	7,225	6,423	5,460	3,286
Virginia	123,648	118,505	132,956	110,675	15,770	13,160	13,794	12,519
West Virginia	57,024	51,923	59,047	27,487	6,996	5,445	5,757	2,047
North Carolina	114,607	96,562	104,314	73,172	14,147	10,770	10,863	8,334
South Carolina	24,791	17,816	16,161	6,281	2,694	1,804	1,464	526
Georgia	70,521	64,903	62,281	23,925	8,320	6,892	6,105	2,252
Florida	32,218	27,064	28,114	20,922	3,413	2,276	2,210	1,676
East South Central	181,516	184,999	179,864	89,964	21,712	19,332	17,264	8,906
Kentucky	72,270	75,154	77,305	38,453	8,803	8,172	7,746	3,982
Tennessee	61,403	65,893	59,533	33,117	7,405	7,039	5,744	3,364
Alabama	35,667	31,252	29,089	12,394	4,172	3,055	2,643	1,048
Mississippi	12,176	12,700	13,737	6,000	1,242	1,066	1,131	512
West South Central	272,087	330,498	365,953	208,323	31,983	34,260	34,419	21,145
Arkansas	16,200	17,064	17,566	6,755	1,811	1,572	1,451	571
Louisiana	56,861	60,221	53,648	33,217	6,753	6,122	4,980	3,096
Oklahoma	56,608	79,233	105,807	71,297	6,368	8,125	9,795	7,739
Texas	142,338	173,980	189,132	97,054	17,051	18,441	18,193	9,739
Mountain	104,987	128,716	128,807	68,617	11,809	12,441	11,668	6,325
Montana	13,312	14,643	11,941	5,582	1,361	1,249	941	379
Idaho	5,930	6,645	7,525	4,043	587	535	505	403
Wyoming	4,920	5,737	3,976	3,006	492	457	262	203
Colorado	47,750	59,932	52,349	30,943	5,647	6,109	5,084	3,090
New Mexico	3,998	4,021	4,320	2,456	418	415	354	179
Arizona	7,780	9,811	18,992	4,756	865	936	1,732	421
Utah	17,179	20,363	19,933	11,323	1,952	2,004	1,814	1,055
Nevada	4,109	6,964	9,771	5,548	487	736	971	595
Pacific	534,145	657,065	619,179	373,086	68,248	72,194	62,547	40,317
Washington	62,700	75,391	78,230	31,492	7,222	7,419	6,986	2,686
Oregon	23,695	29,385	30,026	17,010	2,494	2,737	2,601	1,517
California	447,750	552,289	512,923	324,584	56,530	62,038	52,960	36,114
Alaska	678	642	837	503	63	46	46	35
Hawaii	28,349	33,456	28,829	22,836	3,715	3,884	3,046	2,643

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

No. 185.—CORPORATION INCOME TAX RETURNS: ANALYSIS

NOTE.—All money figures in thousands of dollars. Corporations

Division and State or Territory	Total number of corporations	Corporations reporting 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, 289	48. 05	60, 051, 123	55, 715, 075	4, 336, 048	
1922	382, 853	212, 535	55. 51	80, 331, 680	73, 367. 869	6, 963, 811	501, 780
1923	398, 933	233, 339	58. 49	97, 467, 479	89, 135, 960	8, 321, 520	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, 992, 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, 456	8, 981, 884	244, 203
1928	495, 892	268, 783	54. 20	127, 369, 525	116, 751, 784	10, 617, 741	301, 146
1929	509, 436	269, 480	52. 88	129, 633, 792	117, 979, 905	11, 653, 886	392, 177
1930	518, 786	221, 420	42. 68	91, 811, 495	85, 382, 682	6, 428, 813	157, 880
New England	37, 398	16, 551	44. 25	5, 759, 338	5, 362. 570	396, 767	9, 248
Maine	3, 789	1, 888	49. 83	330, 322	306, 090	24, 232	581
New Hampshire	1, 396	707	50. 65	112, 734	105, 279	7, 455	263
Vermont	1, 120	572	51. 07	99, 924	94, 637	5, 287	188
Massachusetts	20, 070	8, 316	41. 43	3, 506, 843	3, 257, 305	249, 537	4, 775
Rhode Island	3, 068	1, 370	44. 66	380, 338	354, 993	25, 345	801
Connecticut	7, 955	3, 698	46. 49	1, 329, 177	1, 244, 266	84, 911	2, 040
Middle Atlantic	160, 166	68, 873	43. 00	39, 779, 055	36, 897, 108	2, 881, 948	60, 928
New York	111, 100	47, 674	42. 91	29, 732, 351	27, 640, 811	2, 091, 540	41, 257
New Jersey	22, 489	9, 945	44. 22	2, 484, 672	2, 259, 801	224, 871	9, 028
Pennsylvania	26, 577	11, 254	42. 34	7, 562, 032	6, 996, 496	565, 536	10, 638
East North Central	100, 932	42, 176	41. 78	21, 757, 244	20, 305, 292	1, 451, 952	41, 025
Ohio	25, 459	10, 676	41. 93	4, 901, 729	4, 600, 390	301, 339	8, 008
Indiana	11, 663	5, 289	45. 35	994, 645	923. 178	71, 467	2, 834
Illinois	32, 043	13, 389	41. 78	9, 617, 188	9, 030, 524	586, 664	13, 168
Michigan	15, 758	6, 045	38. 36	4, 654, 505	4, 265, 163	389, 343	14, 300
Wisconsin	16, 009	6, 777	42. 33	1, 589. 177	1, 486, 037	103, 140	2, 115
West North Central	54, 502	25, 711	47. 18	6, 789, 088	6, 388, 712	400, 375	8, 322
Minnesota	11, 476	5, 491	47. 85	1, 857, 606	1, 770, 050	87, 556	1, 987
Iowa	9, 125	4, 558	49. 95	935, 209	888, 720	46, 489	1, 138
Missouri	17, 106	7, 411	43. 32	2, 574, 540	2, 412, 093	162, 446	3, 046
North Dakota	3, 574	1, 183	33. 10	88, 446	85, 725	2, 721	132
South Dakota	3, 127	1, 514	48. 42	107, 590	102, 744	4, 846	234
Nebraska	4, 786	2, 708	56. 58	515, 094	493. 098	21, 996	586
Kansas	5, 308	2, 846	53. 62	710, 603	636, 282	74, 321	1, 199
South Atlantic	49, 587	20, 045	40. 42	6, 998, 734	6, 464, 293	534, 442	11, 133
Delaware	1, 951	883	45. 52	1, 477, 488	1, 352, 216	125, 273	2, 380
Maryland	5, 922	2, 775	46. 86	2, 114, 349	1, 997, 973	116, 376	1, 717
District of Columbia	2, 317	1, 124	48. 51	472, 483	442, 153	30, 331	1, 126
Virginia	7, 139	3, 241	45. 40	847, 015	736, 340	110, 675	1, 013
West Virginia	5, 101	2, 477	48. 55	447, 840	420, 353	27, 487	920
North Carolina	6, 544	2, 161	33. 02	732, 452	659, 279	73, 172	543
South Carolina	3, 626	1, 229	33. 90	147, 121	140, 840	6, 281	372
Georgia	5, 678	2, 684	47. 22	436, 314	412, 389	23, 925	800
Florida	11, 309	3, 469	30. 67	323, 672	302, 750	20, 922	2, 263
East South Central	18, 253	8, 046	44. 08	1, 576, 605	1, 486, 641	89, 964	2, 980
Kentucky	5, 704	2, 767	48. 01	612, 278	573, 825	38, 453	747
Tennessee	5, 408	2, 463	45. 54	570, 822	537, 705	33, 117	1, 192
Alabama	4, 477	1, 772	39. 58	249, 927	237, 533	12, 394	877
Mississippi	2, 664	1, 044	40. 09	143, 578	137, 578	6, 000	164
West South Central	31, 439	13, 651	43. 42	2, 884, 965	2, 656, 642	208, 324	9, 837
Arkansas	2, 624	1, 140	43. 45	146, 506	139, 751	6, 755	231
Louisiana	6, 440	2, 903	45. 08	605, 009	571, 852	33, 217	2, 087
Oklahoma	6, 944	2, 948	42. 45	519, 489	448, 192	71, 297	1, 942
Texas	15, 431	6, 660	43. 16	1, 593, 901	1, 496, 847	97, 055	4, 937
Mountain	21, 947	8, 821	40. 19	1, 260, 470	1, 191, 853	68, 616	2, 048
Montana	3, 350	1, 419	42. 36	116, 180	110, 598	5, 582	249
Idaho	2, 509	919	36. 63	86, 771	81, 827	4, 943	157
Wyoming	1, 440	721	50. 07	47, 049	43, 983	3, 066	144
Colorado	7, 257	2, 941	40. 53	440, 515	415, 572	30, 943	811
New Mexico	1, 136	491	43. 22	49, 579	47, 123	2, 456	115
Arizona	1, 932	629	32. 56	69, 571	64, 815	4, 756	176
Utah	3, 301	1, 392	42. 17	199, 849	188, 526	11, 323	340
Nevada	1, 022	309	30. 23	244, 956	239, 409	5, 547	56
Pacific	43, 557	17, 041	39. 33	4, 835, 226	4, 462, 140	373, 088	12, 119
Washington	12, 709	4, 934	38. 82	671, 962	640, 471	31, 492	1, 804
Oregon	7, 012	2, 590	36. 94	430, 249	413, 239	17, 010	951
California	23, 836	9, 517	39. 93	3, 733, 015	3, 408, 430	324, 584	9, 364
Alaska	170	92	54. 12	6, 284	5, 781	503	8
Hawaii	785	413	52. 61	184, 486	161, 650	22, 836	186

[1] No income data reported. [2] Includes war and excess-profits tax; for amount, see Table 171.

FOR UNITED STATES, 1921 TO 1930, AND BY STATES, 1930

reporting no net income include inactive corporations prior to 1927

Corporations reporting net income—Continued		Corporations reporting 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.
1,229,787	----------	167,186	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	51,378,159	4,877,595	55,700	10.74	1930.
43,391	6.09	18,327	32.27	4,276,125	4,807,105	530,979	2,520	6.74	N. E.
2,496	.35	1,476	38.95	265,179	293,666	28,487	425	11.22	Me.
720	.10	621	44.48	94,389	106,036	11,647	68	4.87	N. H.
491	.07	492	43.93	52,244	58,460	6,215	56	5.00	Vt.
27,837	3.90	10,546	52.55	2,729,715	3,076,377	346,662	1,208	6.02	Mass.
2,677	.38	1,450	47.26	370,685	428,468	57,783	248	8.08	R. I.
9,170	1.29	3,742	47.04	763,913	844,098	80,185	515	6.47	Conn.
326,465	45.87	77,887	48.62	16,652,206	18,562,455	1,910,248	13,406	8.37	Mid. Atl.
238,010	33.44	54,627	49.17	12,011,326	13,366,827	1,355,500	8,799	7.92	N. Y.
24,075	3.38	10,711	47.63	1,405,281	1,643,607	238,326	1,833	8.15	N. J.
64,380	9.05	12,549	47.22	3,235,599	3,552,021	316,422	2,774	10.44	Pa.
161,205	22.65	49,628	49.17	12,321,493	13,316,366	994,873	9,128	9.04	E. N. C.
33,041	4.64	13,365	52.50	2,704,950	2,955,315	250,365	1,418	5.57	Ohio.
7,250	1.02	5,186	44.46	767,555	837,645	70,090	1,188	10.19	Ind.
66,135	9.29	15,780	49.25	6,402,522	6,809,672	407,150	2,874	8.97	Ill.
43,858	6.16	8,003	51.17	1,716,269	1,910,197	193,928	1,650	10.47	Mich.
10,921	1.53	7,234	45.19	730,197	803,537	73,340	1,998	12.48	Wis.
42,259	5.94	21,423	39.31	3,005,153	3,249,610	244,455	7,368	13.52	W. N. C.
9,225	1.29	4,435	38.65	722,989	783,129	60,139	1,550	13.50	Minn.
4,574	.64	3,077	33.72	337,932	366,208	28,276	1,490	16.33	Iowa.
17,749	2.49	7,691	44.96	1,275,416	1,378,502	103,086	2,004	11.72	Mo.
133	.02	1,458	40.79	59,909	64,443	4,533	933	26.11	N. Dak.
294	.04	998	31.92	55,074	58,515	3,441	615	19.66	S. Dak.
2,043	.29	1,705	35.63	180,543	196,171	15,628	373	7.79	Nebr.
8,241	1.16	2,059	38.79	373,290	402,642	29,352	403	7.59	Kans.
59,013	8.29	22,798	45.98	2,772,663	3,122,308	349,647	6,744	1.36	S. Atl.
14,548	2.04	811	41.56	278,671	324,494	45,823	252	12.92	Del.
13,225	1.86	2,479	41.86	420,191	477,999	57,808	668	11.28	Md.
3,286	.46	966	41.69	121,339	136,473	15,135	227	9.80	D. C.
12,519	1.76	3,185	44.61	370,505	414,918	44,414	713	9.99	Va.
2,647	.37	2,108	41.33	203,752	225,132	21,380	516	10.12	W. Va.
8,334	1.17	3,732	57.03	471,227	508,088	36,859	651	9.95	N. C.
526	.07	2,031	56.01	224,452	250,082	25,630	366	10.09	S. C.
2,252	.32	2,717	47.85	427,555	466,755	39,200	280	4.93	Ga.
1,676	.24	4,769	42.17	254,971	318,369	63,398	3,071	27.16	Fla.
8,906	1.25	8,401	46.03	1,110,775	1,271,353	160,578	1,806	9.89	E. C. S.
3,982	.56	2,364	41.01	277,027	351,332	74,305	933	10.98	Ky.
3,364	.47	2,483	45.92	420,751	467,639	46,888	462	8.54	Tenn.
1,048	.15	2,261	50.50	276,462	301,482	25,020	444	9.92	Ala.
512	.07	1,293	49.66	136,535	150,900	14,365	267	10.25	Miss.
21,145	2.97	14,625	46.51	2,312,915	2,560,264	247,351	3,163	10.06	W. S. C.
571	.08	1,309	49.89	160,302	179,395	19,094	175	6.66	Ark.
3,096	.44	2,881	44.74	515,634	567,622	51,988	656	10.18	La.
7,739	1.09	3,073	44.26	702,725	772,143	69,418	923	13.29	Okla.
9,739	1.37	7,362	47.71	934,254	1,041,104	106,851	1,409	9.13	Tex.
6,325	.89	8,310	37.86	780,613	866,296	85,682	4,816	21.94	Mt.
379	.05	1,454	43.40	72,374	83,002	10,629	477	14.24	Mont.
403	.06	790	31.49	73,898	83,054	9,156	800	31.88	Idaho.
203	.03	492	34.17	22,214	26,206	3,991	227	15.76	Wyo.
3,090	.43	2,845	39.20	364,806	393,543	28,737	1,471	20.27	Colo.
179	.03	430	37.85	27,216	30,444	3,228	215	18.93	N. Mex.
421	.06	725	37.63	74,354	84,125	9,771	578	29.91	Ariz.
1,055	.15	1,173	35.53	121,243	135,568	14,325	736	22.30	Utah.
595	.08	401	39.24	24,508	30,354	5,845	312	30.53	Nev.
40,317	5.67	19,823	45.64	3,223,509	3,572,056	348,547	6,693	15.41	Pac.
2,686	.38	5,306	41.75	602,904	660,315	57,351	2,469	19.43	Wash.
1,517	.21	2,979	42.48	287,066	324,505	37,439	1,443	20.58	Oreg.
36,114	5.07	11,538	48.41	2,333,479	2,587,236	253,757	2,781	11.66	Calif.
35	.01	55	32.35	2,808	3,256	448	23	13.53	Alaska.
2,643	.37	339	43.19	42,304	47,091	4,787	33	4.20	Hawaii.

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

No. 186.—CORPORATION INCOME TAX RETURNS: NUMBER, NET INCOME, AND TAX, BY INDUSTRIAL GROUPS

NOTE.—All money figures in thousands of dollars. Tax includes war and excess profits tax prior to 1923

Year	Corporations reporting net income			Corporations reporting no net income[1]		Corporations reporting net income			Corporations reporting no net income[1]	
	Number	Net income	Tax	Number	Deficit	Number	Net income	Tax	Number	Deficit
	Agriculture and related industries					Mining and quarrying				
1922	4,000	62,901	6,622	5,092	56,091	6,130	286,437	31,400	10,963	280,456
1923	3,914	92,201	9,791	5,446	49,930	5,175	283,566	30,777	13,334	334,254
1924	4,530	64,230	6,733	5,228	62,498	4,893	240,142	28,389	13,560	307,091
1925	4,662	76,862	8,004	5,242	59,215	5,488	453,600	55,049	13,675	209,957
1926	4,698	70,812	8,175	5,990	55,665	6,006	455,798	57,308	13,246	183,474
1927	4,445	78,577	9,053	4,460	61,894	5,232	276,309	34,898	7,804	246,024
1928	4,504	80,476	8,217	4,679	50,092	5,183	332,679	36,751	7,750	207,416
1929	4,407	72,301	6,783	5,023	53,543	5,211	430,527	44,319	7,291	198,440
1930	3,475	40,484	4,041	6,431	86,370	4,700	194,118	21,474	7,533	238,459
	Manufacturing									
	Total[2]					Food products, beverages, and tobacco				
1922	48,697	3,454,420	389,770	33,788	813,413	8,359	447,671	50,667	5,728	150,306
1923	53,705	4,271,899	484,864	31,404	701,012	8,666	506,924	55,646	5,487	124,176
1924	51,342	3,595,675	429,653	35,461	832,203	9,080	536,852	63,376	5,392	95,715
1925	54,137	4,383,357	540,741	34,537	682,255	9,303	533,472	66,587	5,419	91,512
1926	55,094	4,494,790	584,507	38,150	786,687	9,239	592,440	77,147	6,266	95,309
1927	53,620	3,938,647	507,735	36,196	851,053	9,232	585,820	75,794	5,630	108,191
1928	56,007	4,744,261	544,936	36,566	833,735	9,082	639,770	72,939	5,586	79,965
1929	55,488	5,216,016	544,053	36,742	810,244	9,288	672,868	70,863	5,557	92,603
1930	40,641	2,757,508	316,992	50,863	1,639,844	8,092	580,239	67,084	6,525	135,152
	Textiles and their products					Leather and its manufactures				
1922	6,973	535,107	62,500	4,452	78,311	1,330	88,641	10,414	954	24,811
1923	7,678	563,412	65,435	4,093	71,845	1,321	72,388	8,248	982	36,126
1924	6,836	316,928	37,951	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	980	28,595
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
	Rubber products					Forest products				
1922	284	41,930	2,286	309	24,563	4,545	207,996	22,699	2,366	48,282
1923	273	45,924	2,840	334	21,563	5,250	299,050	33,457	2,132	32,587
1924	325	56,900	5,662	313	15,345	4,750	178,869	21,090	2,913	57,754
1925	349	122,906	15,412	289	13,942	4,657	200,316	24,667	2,976	53,116
1926	339	37,501	4,887	341	24,764	4,591	172,972	21,907	3,271	69,190
1927	335	70,263	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
	Paper, pulp, and products					Printing, publishing, and allied industries				
1922	1,086	84,025	9,481	683	22,409	5,771	184,716	21,745	2,939	23,020
1923	1,240	109,909	12,233	575	14,932	6,183	165,947	19,429	3,040	22,027
1924	1,204	92,674	10,675	582	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	559	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
	Chemicals and allied products					Stone, clay, and glass products				
1922	3,512	461,221	54,056	2,605	66,158	2,459	125,992	14,938	1,431	10,586
1923	3,472	419,584	49,426	2,845	94,158	2,880	187,844	22,113	1,321	14,374
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	78,303	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	2,782	195,166	25,542	1,844	22,112
1927	3,960	495,857	64,767	2,892	110,369	2,587	157,263	20,504	1,876	23,356
1928	4,231	848,127	99,002	2,820	59,789	2,676	172,007	19,770	1,933	32,518
1929	4,073	911,512	98,124	2,998	56,976	2,572	163,646	17,268	1,989	33,439
1930	3,287	534,077	62,961	3,727	175,459	1,805	92,812	10,487	2,713	53,374

[1] Includes inactive concerns prior to 1927; for number of inactive concerns in 1927 to 1930 see Table 185.
[2] Includes all other manufacturing not shown separately.

No. 186.—Corporation Income Tax Returns: Number, Net Income, and Tax, by Industrial Groups—Continued

Year	Corporations reporting net income			Corporations reporting no net income		Corporations reporting net income			Corporations reporting no net income	
	Number	Net income	Tax	Number	Deficit	Number	Net income	Tax	Number	Deficit
	Manufacturing—Continued					Construction				
	Metal and its products									
1922	8,397	906,956	98,760	7,477	272,040	6,997	91,724	9,653	4,373	52,529
1923	10,168	1,427,496	160,771	6,072	178,081	8,151	112,004	11,439	4,400	42,809
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	7,292	170,113	10,462	178,376	16,519	7,896	70,066
1930	8,188	1,003,020	116,149	11,904	400,375	8,871	150,548	15,210	9,674	82,488
	Transportation and other public utilities					Trade				
1922	13,690	979,264	119,481	6,821	196,480	59,791	1,014,013	107,041	35,892	318,993
1923	14,269	1,257,410	150,999	6,844	125,650	68,186	1,197,926	128,536	32,460	264,797
1924	14,505	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	302,339
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	7,994	190,692	78,606	1,149,235	107,149	50,483	419,398
1930	12,109	1,334,229	156,573	9,522	333,528	59,741	651,097	64,166	71,746	738,695
	Public service					Finance—Banking, insurance, etc.				
1922	13,494	148,367	16,262	9,651	59,615	58,646	887,835	99,098	32,459	307,661
1923	15,482	188,368	20,377	9,632	59,141	62,654	868,083	95,114	34,118	410,813
1924	15,495	202,165	22,131	10,825	66,650	67,089	995,124	109,444	37,672	460,597
1925	16,571	240,426	28,407	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	12,859	117,065	78,100	1,522,834	181,706	44,582	566,177
1928	19,008	264,186	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	2,197,530	222,403	53,677	1,008,827
1930	18,741	234,227	23,705	19,472	179,230	72,102	1,064,316	109,455	64,477	1,566,677

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

No. 187.—CORPORATION INCOME TAX RETURNS: Number, Income, and Tax, by Industrial Groups and Industries, 1930

Note.—For totals for all corporations see Table 185. 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	Corporations reporting net income				Corporations reporting no net income		
	Number	Gross income	Net income	Income tax	Number	Gross income	Deficit
Agriculture and related industries	3,475	363,718	40,484	4,041	6,431	807,122	86,370
Mining and quarrying	4,700	1,611,228	194,118	21,474	7,533	1,388,338	238,459
Metal mining	171	349,913	27,045	3,187	585	411,719	47,908
Anthracite	39	212,004	11,292	1,270	70	103,474	3,183
Bituminous coal, lignite, peat, etc	781	428,320	25,077	2,637	1,458	446,463	67,143
Oil and gas	1,473	266,825	70,277	7,724	2,246	310,807	79,739
Manufacturing	40,641	41,054,235	2,757,508	316,992	50,863	19,846,043	1,639,844
Food products, beverages, and tobacco	8,092	8,731,675	580,239	67,084	6,525	4,454,137	135,152
Bakery and confectionery products	1,869	1,240,901	107,895	12,419	1,501	283,033	20,093
Canned products—fish, fruits, vegetables, poultry, etc	858	573,202	38,093	4,306	885	188,891	20,732
Mill products—bran, flour, feed, etc	532	615,694	17,125	1,891	693	387,011	12,305
Packing-house products—fresh meats, ham, lard, bacon; meat canning, by-products, etc	440	2,084,206	29,292	3,245	298	2,770,627	11,680
Sugar—beet, cane, maple, and products	77	536,639	37,193	4,424	115	262,122	28,331
Beverages—soft drinks, cereal beverages, mineral water; wines; distilling	1,190	287,398	46,557	5,194	1,016	90,812	11,020
Tobacco, cigarettes, cigars, snuff, etc	195	1,094,278	143,788	17,216	197	76,799	6,654

No. 187.—Corporation Income Tax Returns: Number, Income, and Tax, by Industrial Groups and Industries, 1930—Continued

[All money figures in thousands of dollars]

Industry	Corporations reporting net income				Corporations reporting no net income		
	Number	Gross income	Net income	Income tax	Number	Gross income	Deficit
Manufacturing—Continued.							
Textiles and their products, incl. fur	5,678	2,642,402	105,610	11,122	8,753	3,774,112	369,690
Cotton goods—dress goods, plain cloth, etc., napping and dyeing	200	230,620	9,593	1,094	686	782,781	101,100
Woolen and worsted goods—wool yarn, dress goods; wool pulling	168	113,954	5,149	534	380	346,952	40,475
Silk and rayon goods; spinning	308	272,464	21,264	2,409	472	448,949	50,865
Carpets, floor coverings, tapestries, etc.	45	18,706	1,031	112	114	128,296	16,075
Clothing—custom-made, factory-made, coats, underwear, millinery, etc.	2,917	1,112,055	26,917	2,550	4,178	1,059,254	64,075
Knit goods—sweaters, hosiery, etc.	512	339,331	12,760	1,399	746	357,226	29,078
Leather and its manufactures	894	733,041	38,691	4,389	1,515	655,143	64,124
Boots, shoes, slippers, etc.	529	590,099	33,264	3,810	725	289,510	23,173
Gloves, saddlery, harness, trunks, finishing and tanning leather	365	143,842	5,426	579	790	365,633	40,951
Rubber products	227	559,565	12,242	1,336	354	540,748	63,876
Tires and tubes, etc.	20	455,557	5,859	620	78	477,383	58,100
Rubber boots, shoes, hose and artificial rubber	165	93,751	6,023	683	207	52,455	4,573
Bone, celluloid, and ivory products	42	10,257	359	33	69	10,910	1,103
Forest products	2,340	723,630	35,825	3,591	4,868	1,263,948	152,460
Sawmill and planing-mill products	940	303,198	16,572	1,645	2,425	734,968	89,326
Carriages, wagons, furniture, etc.	1,400	420,431	19,252	1,946	2,443	528,980	63,134
Paper, pulp, and products	1,114	1,011,630	73,641	8,475	953	587,158	36,379
Printing, publishing and allied industries	6,098	2,055,461	176,137	19,641	5,271	607,967	54,512
Chemicals and allied products	3,287	9,626,018	534,077	62,961	3,727	2,351,166	175,459
Petroleum and other mineral oil refining	247	6,676,398	228,235	27,243	352	1,657,540	117,967
Chemicals proper	185	852,971	82,745	9,815	175	78,965	6,784
Allied chemical substances—drugs, oils, paints, soaps, etc.	2,678	1,983,912	216,726	25,197	3,063	536,723	45,239
Fertilizers	177	112,737	6,371	706	137	77,932	5,469
Stone, clay, glass, and related products	1,805	1,027,449	92,812	10,487	2,713	382,407	53,374
Metal and its products	8,188	12,700,300	1,003,020	116,149	11,904	4,407,595	400,375
Iron and steel—products of blast furnaces, rolling mills, foundries, etc.	1,242	3,391,710	200,712	23,615	1,578	873,073	65,854
Locomotives and railroad equipment	94	334,978	32,632	3,658	84	74,398	5,243
Motor vehicles, complete or parts	353	3,151,948	232,066	26,267	636	841,904	73,631
Factory machinery	612	429,582	44,341	5,084	753	191,505	25,563
Agricultural machinery and equipment	179	540,647	58,612	6,962	292	108,982	14,369
Electrical machinery and equipment	459	991,860	96,032	11,403	633	117,066	11,154
Building, construction, gas and mining machinery and equipment	1,238	961,085	79,638	9,192	1,634	476,072	55,418
Household machinery and equipment	405	397,386	44,183	5,104	701	188,640	19,900
Office equipment, etc.	155	280,417	37,517	4,466	203	95,582	5,996
Metal building material and supplies	590	302,972	28,600	3,266	1,014	351,039	29,000
Hardware, tools, etc.	941	589,560	57,423	6,661	1,355	386,997	35,760
Precious metal products and processes	333	148,246	7,403	798	587	140,792	16,826
Radios, complete or parts	100	125,797	12,787	1,459	180	125,560	25,396
Airplanes, seaplanes, etc.	32	43,483	4,364	511	125	34,841	18,868
Construction	8,371	2,174,155	150,210	15,210	9,674	867,972	82,488
Building and construction above ground, installing machinery, moving, wrecking, razing, etc.	5,673	991,483	47,011	4,198	6,848	486,420	43,025
Other construction underground and on surface—bridge building, water-front construction, related industries, etc.	3,072	1,104,750	96,362	10,208	2,692	314,540	33,568
Shipbuilding and repairing	126	77,922	7,175	804	134	67,013	5,895
Transportation and other public utilities	12,109	12,935,569	1,334,229	156,573	9,522	3,080,013	333,528
Steam railroads	228	4,981,687	342,871	41,026	326	1,079,110	88,819
Electric railways; Pullman cars; refrigerator, stock, poultry, and fruit cars; lessors	429	701,677	124,085	14,789	309	293,626	21,023
Water transportation and related branches	937	274,434	35,283	4,018	739	162,234	25,144
Aerial transporation	150	13,239	2,219	177	477	37,056	21,371
Autobus lines, taxicabs, and sight-seeing companies	915	112,767	7,331	659	1,237	135,132	13,445
Cartage and storage, food storage, packing and shipping, etc.	4,450	390,109	42,917	4,128	3,808	457,016	22,870

No. 187.—Corporation Income Tax Returns: Number, Income, and Tax, by Industrial Groups and Industries, 1930—Continued

[All money figures in thousands of dollars]

Industry	Corporations reporting net income				Corporations reporting no net income		
	Number	Gross income	Net income	Income tax	Number	Gross income	Deficit
Transportation, etc.—Continued.							
Electric light and power companies	679	2,308,204	355,605	41,971	291	515,263	69,151
Gas companies, artificial and natural	278	558,939	69,061	8,133	211	108,778	20,486
Telephone and telegraph companies	2,321	2,645,817	238,993	28,411	1,125	32,651	5,459
Radio broadcasting companies	167	22,366	2,763	275	137	126,891	8,915
Water companies	930	96,197	22,631	2,550	385	9,372	16,364
Trade	59,741	23,380,483	851,097	64,166	71,746	13,828,241	738,695
Wholesale	11,220	7,825,871	171,129	17,367	12,096	4,890,212	221,136
Retail	34,515	10,932,177	340,316	33,667	44,729	6,163,968	358,508
Wholesale and retail	5,333	2,082,998	74,801	7,555	4,890	1,541,855	75,828
Commission	3,162	1,124,903	34,329	3,306	3,730	670,839	30,077
Service	18,741	2,757,401	234,227	23,705	19,472	1,407,466	179,230
Domestic service—laundries, hotels, restaurants, etc.	6,298	1,031,415	58,268	5,594	7,181	774,373	86,838
Amusements	3,585	875,834	89,028	9,510	4,116	290,637	46,883
Theaters, legitimate, vaudeville, etc.	239	28,898	3,680	330	403	38,093	8,230
Motion-picture producers	84	357,138	31,835	3,990	124	53,503	8,447
Motion-picture theaters	1,295	394,682	43,133	4,613	1,025	118,423	13,391
Other amusements—circuses, golf links, race tracks, etc.	1,967	95,116	10,379	877	2,564	79,948	16,809
Professional—curative, educational, engineering, legal, etc.	3,192	205,060	25,499	2,401	3,456	118,980	20,636
Business service—detective bureaus, trade shows, mimeographing, publishing directories, advertising, etc.	2,803	530,921	49,816	5,318	2,634	161,900	15,927
Finance	72,102	7,519,508	1,064,816	109,455	64,477	5,777,697	1,566,677
National banks	4,246	659,591	87,132	9,207	2,943	421,922	49,875
State and private banks, savings banks, loan and trust companies	10,423	1,291,767	175,744	18,577	5,056	436,975	82,781
Joint stock land banks	2	423	54	----------	27	4,050	8,816
Stock and bond brokers, investment brokers, investment bankers, and investment trusts	1,383	1,027,767	65,438	7,111	3,173	2,122,365	506,982
Real estate and realty holding companies—realty development, holding or leasing; realty trust, etc.	30,653	1,314,172	261,762	22,053	40,162	942,762	358,247
Insurance companies	1,208	1,984,632	199,544	23,312	978	851,194	178,363
Life insurance—mutual or stock	368	790,058	107,528	12,843	228	142,650	13,264
Other insurance	840	1,194,574	92,016	10,469	750	708,544	105,009

No. 188.—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	3,842,514	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	609

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

Source of tables 187 and 188: Statistics of Income, Report of the Commissioner of Internal Revenue.

No. 189.—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					
	1926	1927	1928	1929	1930	1931
Number of returns	13,142	9,353	8,079	8,582	8,798	8,333
Gross estate, total	3,386,267	3,146,290	3,503,239	3,843,514	4,108,517	4,042,381
Real estate	947,836	873,464	910,653	970,068	963,855	942,842
Bonds exempt or partially exempt	293,899	233,887	247,411	240,336	301,578	356,549
Other bonds	253,583	230,897	239,440	263,142	281,783	256,331
Capital stock in corporations	1,266,396	1,223,992	1,516,971	1,860,796	1,959,855	1,909,492
Mortgages, notes, cash, etc	389,453	357,271	385,278	381,106	396,016	388,700
Insurance (gross)	103,218	88,949	103,218	124,740	128,584	133,756
All other	431,882	437,839	400,267	403,326	476,846	*454,711*
Deductions, total	1,504,212	1,490,036	1,661,225	1,641,316	1,799,570	1,799,097
Specific exemption	689,400	798,910	784,350	846,750	*876,050*	*830,150*
Charitable, public, and similar bequests	226,708	130,975	216,099	153,678	223,490	219,940
Property from an estate taxed within 5 years	71,065	73,482	71,857	85,128	94,101	110,449
Funeral and administrative expenses, debts, mortgages, etc	463,499	440,175	537,121	501,537	551,726	586,223
Insurance exemption	53,540	46,494	51,798	54,222	54,204	52,335
Net taxable estate [1]	1,951,969	1,735,840	1,943,429	2,268,328	2,376,973	2,327,319
Total tax	138,056	100,582	135,014	165,413	152,391	182,202
Tax credit [2]	36,732	59,601	94,453	122,110	113,388	137,663
Net tax	101,324	40,981	40,561	43,303	39,003	44,540
Average tax per return	$7,710	$4,376	$5,021	$5,046	$4,433	$5,345
Average rate of tax on net taxable estate (per cent)	5.19	2.36	2.09	1.91	1.64	1.91

	1931: No net taxable estate	1931: 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	1,969	2,154	2,212	1,261	308	384	45
Gross estate, total	325,312	344,997	588,217	747,329	348,728	926,086	761,716
Real estate	87,775	75,398	108,293	100,255	41,913	82,092	47,117
Bonds exempt or partially exempt	8,151	14,385	28,306	53,495	29,056	99,148	124,007
Other bonds	17,849	28,706	50,422	68,107	25,574	52,917	12,755
Capital stock in corporations	84,313	110,395	219,932	336,054	178,254	506,573	26,309
Mortgages, notes, cash, etc	40,211	56,983	86,571	74,091	32,110	72,365	473,072
Insurance (gross)	26,073	19,114	28,054	32,315	9,044	15,059	4,097
All other	60,940	40,016	66,639	83,012	32,772	97,932	73,398
Deductions, total	409,343	297,976	350,863	317,395	113,564	200,605	109,346
Specific exemption	195,901	214,150	220,601	125,900	30,700	38,400	4,500
Charitable, public, and similar bequests	36,586	13,863	25,357	60,861	29,626	38,868	14,779
Property from an estate taxed within 5 years	33,386	9,029	11,905	19,829	6,618	20,676	9,004
Funeral and administrative expenses, debts, mortgages, etc	131,206	51,334	80,408	100,941	43,084	98,683	80,567
Insurance exemption	12,269	9,600	12,592	9,864	3,536	3,978	496
Net taxable estate	*—84,056*	47,021	237,354	429,934	235,159	725,481	652,370
Total tax		470	4,112	13,105	10,055	50,501	103,959
Tax credit [2]		335	3,036	9,881	7,591	37,153	79,607
Net tax		135	1,076	3,224	2,464	13,348	24,293
Average tax per return		$63	$486	$2,557	$8,000	$34,760	$539,822
Average rate of tax on net taxable estate (per cent)		.29	.45	.75	1.05	1.84	3.72

[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 1931 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 per cent of the total Federal estate tax for estates of individuals who died from June 2, 1924, to Feb. 26, 1926, and to 80 per cent thereafter.

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

No. 190.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1933

[All figures except per capita in thousands of dollars]

June 30—	Gross debt [1]		Interest bearing [2]	Matured	Non-interest bearing [1]	June 30—	Gross debt [1]		Interest bearing [2]	Matured	Non-interest bearing [1]
	Amount	Per capita					Amount	Per capita			
1800	82,976	$15.87				1898	1,232,743	$16.90	847,367	1,263	384,113
1810	53,173	7.46				1899	1,436,701	19.33	1,046,049	1,218	389,434
1820	91,016	9.58				1900	1,263,417	16.56	1,023,479	1,176	238,762
1830	48,565	3.83				1901	1,221,572	15.71	987,141	1,416	233,016
1840	3,573	.21				1902	1,178,031	14.89	931,070	1,281	245,680
1850	63,453	2.77				1903	1,159,406	14.40	914,541	1,205	243,659
1855	35,588	1.32	35,418	170		1904	1,136,259	13.88	895,157	1,971	239,131
1860	64,844	2.06	64,683	161		1905	1,132,357	13.60	895,158	1,370	235,829
1865	2,677,929	77.07	2,217,709	2,129	458,090	1906	1,142,523	13.50	895,159	1,128	246,236
1870	2,436,453	63.19	2,035,881	3,570	397,003	1907	1,147,178	13.33	894,834	1,087	251,257
1871	2,322,052	58.70	1,920,697	1,949	399,406	1908	1,177,660	13.46	897,504	4,130	276,056
1872	2,209,901	54.44	1,800,794	7,927	401,270	1909	1,148,315	12.91	913,317	2,884	232,114
1873	2,151,210	51.62	1,696,484	51,929	402,797	1910	1,146,940	12.69	913,317	2,125	231,498
1874	2,159,933	50.47	1,724,931	3,216	431,786	1911	1,153,985	12.28	915,353	1,880	236,752
1875	2,156,277	49.06	1,708,676	11,426	436,175	1912	1,193,839	12.48	963,777	1,760	228,301
1876	2,130,846	47.21	1,696,685	3,902	430,258	1913	1,193,048	12.26	965,707	1,660	225,682
1877	2,107,760	45.47	1,697,888	16,649	393,223	1914	1,188,235	12.00	967,953	1,553	218,730
1878	2,159,418	45.37	1,780,736	5,594	373,089	1915	1,191,264	11.83	969,769	1,507	219,998
1879	2,208,913	47.05	1,837,716	37,015	374,181	1916	1,225,146	11.96	971,563	1,473	252,110
1880	2,090,909	41.69	1,709,903	7,621	373,295	1917	2,975,619	28.57	2,712,549	14,232	248,837
1881	2,019,286	39.35	1,625,568	6,724	386,994	1918	12,213,629	115.65	11,985,882	20,243	237,504
1882	1,856,916	35.37	1,449,810	16,261	390,845	1919	25,482,034	240.09	25,234,496	11,109	236,429
1883	1,721,959	32.07	1,324,229	7,831	389,899	1920	24,297,918	228.32	24,061,095	6,748	230,075
1884	1,625,307	29.60	1,212,564	19,656	393,088	1921	23,976,251	221.09	23,737,352	10,940	227,959
1885	1,578,551	28.11	1,182,151	4,101	392,299	1922	22,964,079	208.97	22,711,036	25,251	227,793
1886	1,555,660	27.10	1,132,014	9,704	413,941	1923	22,349,688	200.10	22,007,591	98,172	243,925
1887	1,465,485	24.97	1,007,692	6,115	451,678	1924	21,251,120	186.86	20,981,586	30,241	239,293
1888	1,384,632	23.09	936,522	2,496	445,613	1925	20,516,272	177.82	20,210,906	30,243	275,123
1889	1,249,471	20.39	815,854	1,911	431,705	1926	19,643,183	167.70	19,383,771	13,328	240,084
1890	1,122,397	17.92	711,313	1,816	409,268	1927	18,510,174	156.04	18,250,944	14,707	244,523
1891	1,005,807	15.75	610,529	1,615	393,663	1928	17,604,291	146.69	17,317,695	45,332	241,264
1892	968,219	14.88	585,029	2,786	380,404	1929	16,931,198	139.40	16,638,941	50,751	241,505
1893	961,432	14.49	585,037	2,094	374,301	1930	16,185,308	131.38	15,921,892	31,715	231,701
1894	1,016,398	15.04	635,042	1,851	380,005	1931	16,801,485	135.42	16,519,589	51,823	230,074
1895	1,096,913	15.91	716,202	1,722	378,989	1932	19,487,010	156.12	19,161,274	60,087	265,650
1896	1,222,729	17.40	847,364	1,637	373,729	1933 [3]	22,538,673	179.49	22,157,643	65,911	315,118
1897	1,226,794	17.14	847,365	1,347	378,082						

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	1,281,969	1,023,557					1,459	256,952
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	883,463	16,219,399	4,113,405	4,201,209	931,302	9,914	235,576
June 30, 1920	24,297,918	883,549	15,334,836	4,246,365	2,768,926	827,419	6,748	230,075
June 30, 1921	23,976,251	883,728	15,235,216	4,224,972	2,699,330	694,105	10,940	227,959
June 30, 1922	22,964,079	883,840	15,081,613	4,237,780	1,828,787	679,015	25,251	227,793
June 30, 1923	22,349,688	883,670	15,651,108	4,104,195	1,031,418	337,199	98,172	243,925
June 30, 1924	21,251,120	883,704	15,141,756	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	706,550	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
Dec. 31, 1931	17,825,619	780,528	13,517,381	794,519	1,859,675	576,387	52,604	244,496
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 [3]	22,538,673	806,018	13,417,250	4,779,555	2,200,328	954,493	65,911	315,118

[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. 191.—PUBLIC DEBT OF THE UNITED STATES: DEBT OUTSTANDING BY SPECIFIC LOANS, JUNE 30, 1932

[Amounts in thousands of dollars]

Security	Callable period or payable date	Rate of interest	Amount issued	Amount retired	Amount outstanding
		Per cent			
Interest-bearing debt outstanding, total					19,161,274
Bonds:					
Consols of 1930	After July 1, 1932	2	646,250	46,526	599,724
Panama Canal loan of 1916–1936	July 1, 1932–Aug. 1, 1936.	2	54,632	5,678	48,954
Panama Canal loan of 1918–1938	July 1, 1932–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 3 to 42 [1]	July 1, 1932–Jan. 1, 1952.	2½	36,247		36,247
First Liberty loan [2]—					
First 3½'s	July 1, 1932–June 15, 1947.	3½	1,989,456	597,228	1,392,228
Converted 4's	do	4	568,318	563,316	5,002
Converted 4¼'s	do	4¼	555,212	22,721	532,491
Second converted 4¼'s	do	4¼	3,492		3,492
Fourth Liberty loan	Oct. 15, 1933–1938	4¼	6,964,581	696,481	6,268,100
Treasury bonds—					
4¼ per cent of 1947–1952	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	1,036,835
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	369,043	6,049	362,994
3¼ per cent of 1941–1943	Mar. 15, 1941–1943	3¼	594,230	49,313	544,917
3⅛ per cent of 1946–1949	June 15, 1946–1949	3⅛	821,406	3	821,403
3 per cent of 1951–1955	Sept. 15, 1951–1955	3	800,424	3	800,422
Treasury notes:					
Series 1932	Dec. 15, 1932	3¼	600,446		600,446
Series A–1934	May 2, 1934	3	244,235		244,235
Series A–1935	June 15, 1935	3	416,603		416,603
Civil-service retirement fund [3]—					
Series 1933	June 30, 1933 [4]	4	47,800		47,800
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	20,100		20,100
Foreign Service retirement fund [3]—					
Series 1933	June 30, 1933 [4]	4	529	387	142
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	61		61
Canal Zone retirement fund [3]—					
Series 1936	June 30, 1936 [4]	4	2,004	6	1,998
Series 1937	June 30, 1937 [4]	4	66		66
Certificates of indebtedness:					
Tax—					
Series TS–1932	Sept. 15, 1932	1⅛	314,280		314,280
Series TS2–1932	do	3	398,225		398,225
Series TO–1932	Oct. 15, 1932	3⅛	333,493		333,493
Series TM–1933	Mar. 15, 1933	3¾	660,716		660,716
First series	Aug. 20, 1932–Mar. 15, 1933.	2	34,960	999	33,961
Series TJ–1933	June 15, 1933	1½	373,857		373,857
Loan—					
Series A–1932	Aug. 1, 1932	3⅛	227,631		227,631
Series A–1933	Feb. 1, 1933	3¾	144,372		144,372
Series B–1933	May 2, 1933	2	239,197		239,197
Special adjusted-service certificate fund, series 1933.[5]	July 1, 1932–Jan. 1, 1933.	4	193,300	88,300	105,000
Treasury bills (maturity value): [6]					
Series maturing July 13, 1932	July 13, 1932	1.049	76,200		76,200
Series maturing July 20, 1932	July 20, 1932	.621	75,600		75,600
Series maturing July 27, 1932	July 27, 1932	.630	51,550		51,550
Series maturing Aug. 10, 1932	Aug. 10, 1932	.676	76,744		76,744
Series maturing Aug. 17, 1932	Aug. 17, 1932	.425	75,000		75,000
Series maturing Aug. 24, 1932	Aug. 24, 1932	.289	60,050		60,050
Series maturing Aug. 31, 1932	Aug. 31, 1932	.321	100,022		100,022
Series maturing Sept. 28, 1932	Sept. 28, 1932	.408	100,466		100,466

[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 year are invested in short-term securities redeemable in one to five years. These issues in varying amounts will be outstanding indefinitely.

[4] Payable date. These notes may be redeemed one year after date of issue. All issues outstanding are now callable except series 1937 which is callable June 30, 1933.

[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 given as approximate yield on a bank discount basis.

No. 191.—Public Debt of the United States: Debt Outstanding by Specific Loans, June 30, 1932—Continued

[Amounts in thousands of dollars]

Security	Callable period or payable date	Amount outstanding
Matured debt on which interest has ceased	On presentation	60,087
Noninterest-bearing debt, total	do	421,689
Old demand notes	do	53
Fractional currency	do	[7] 1,988
Legal-tender notes	do	346,681
National bank notes and Federal reserve bank notes—redemption account.[8]	do	69,601
Thrift and Treasury savings stamps	do	3,365
Total debt		19,643,049
Less gold reserve		156,039
Gross debt as shown on statement of public debt June 30, 1932		19,487,010

[7] After deducting amounts officially estimated to have been lost or irrevocably destroyed.
[8] Balance remaining of deposits by national banks and Federal reserve banks to redeem their circulating notes.

Source: Treasury Department.

No. 192.—PUBLIC DEBT OF THE UNITED STATES: Transactions During the Years Ended June 30, 1927 to 1932

[All figures in thousands of dollars]

	1927	1928	1929	1930	1931	1932
Gross debt outstanding at beginning of year	19,643,189	18,510,174	17,604,291	16,931,198	16,185,308	16,801,485
Interest-bearing debt	19,383,771	18,250,944	17,317,695	16,638,941	15,921,892	16,519,589
Matured debt on which interest has ceased	13,328	14,707	45,332	50,751	31,715	51,823
Debt bearing no interest (less gold reserve)	246,084	244,523	241,264	241,505	231,701	230,074
Public debt issues	5,185,083	6,855,341	5,194,342	3,722,970	6,573,118	9,634,226
Pre-war issues	690	1,583	2,075	2,338	3,610	13,872
Certificates of indebtedness	3,145,735	5,419,284	4,637,488	3,201,552	3,759,219	5,100,607
Treasury bills				312,024	1,059,761	2,335,649
Treasury notes	1,529,456	1,365,247	161,077	178,986	309,525	1,310,607
Treasury bonds	467,802	27,053	359,043		1,415,636	800,424
Treasury (war) savings securities	13,572	17,052	10,015	550	3	
National-bank notes, deposits for retirement	27,828	25,122	24,644	27,510	25,364	73,067
Public debt redemptions	6,318,092	7,761,224	5,867,435	4,466,860	5,956,941	6,948,701
Pre-war issues	213	86	109	202	72	508
Certificates of indebtedness	2,927,254	4,867,363	4,240,027	3,578,968	3,107,279	4,171,353
Treasury bills				156,046	771,149	2,150,724
First Liberty loan	54	4	5	5,597	24	314
Second Liberty loan	1,798,143	1,273,032	23,143	4,093	1,518	913
Third Liberty loan	340,608	918,816	1,208,395	10,788	3,151	1,447
Fourth Liberty loan	27,566	2,863	15,684	10,108	33	118
Victory Liberty loan	1,282	959	497	200	179	138
Treasury notes	1,119,512	490,215	201,477	649,919	2,045,999	491,068
Treasury bonds	10,000	150	12,695		1	94,270
Treasury (war) savings securities	64,102	178,827	141,055	15,572	588	392
National bank and Federal reserve bank notes, retirements	28,061	27,687	24,346	37,276	26,946	37,454
Miscellaneous noninterest-bearing debt	1,233	619	1	1	1	1
Gross debt outstanding at close of year	18,510,174	17,604,291	16,931,198	16,185,308	16,801,485	19,487,010
Interest-bearing	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

Source: Treasury Department.

No. 193.—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										United States 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	4,957	3,957	35	965		4,341	3,342	34	965		
1913	5,516	4,514	35	967		4,834	3,833	34	967		
1914	5,757	4,751	37	969		5,009	4,004	36	969		
1915	6,131	5,121	39	971		5,333	4,324	38	971		
1916	6,574	5,558	44	972		5,715	4,700	43	972		
1917	8,510	5,977	45	2,461	27	7,541	5,009	44	2,461	27	4,655
1918	8,763	6,257	46	2,307	153	7,647	5,203	45	2,307	92	18,515
1919	10,446	6,815	48	3,235	348	9,140	5,648	47	3,235	210	22,360
1920	10,927	7,440	57	3,038	392	9,462	6,158	56	3,038	210	20,707
1921	11,850	8,509	76	2,749	516	10,264	7,110	72	2,749	333	20,440
1922	12,495	9,233	119	2,294	849	10,862	7,717	115	2,294	736	20,189
1923	13,712	10,101	125	2,294	1,192	11,964	8,462	118	2,294	1,090	19,350
1924	15,337	11,512	131	2,294	1,400	13,466	9,755	119	2,294	1,298	18,418
1925	16,426	12,557	144	2,168	1,557	14,430	10,655	129	2,168	1,478	17,727
1926	17,429	13,376	156	2,104	1,793	15,373	11,338	142	2,104	1,729	16,454
1927	18,357	14,480	109	2,165	1,773	16,408	12,310	151	2,165	1,773	15,182
1928	19,581	15,442	164	2,167	1,808	17,255	13,134	146	2,167	1,808	14,343
1929	21,698	16,556	167	3,165	1,810	19,231	14,101	155	3,165	1,810	13,137
1930	23,041	17,559	160	3,485	1,831	20,425	14,953	156	3,485	1,831	11,508
1931	25,265	18,301	164	5,011	1,789	22,536	15,583	153	5,011	1,789	12,125

[1] Excludes amounts held in sinking fund or owned by U. S. Government.
[2] Includes estimated amount of outstanding floating debt of States, counties, etc.
[3] Includes short-term debt in the form of Treasury bills, certificates of indebtedness, and Treasury notes.
[4] Does not include stocks.

No. 194.—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, 1932			Payments during year ended Dec. 31, 1932		
	1931	1932[1]	Total	Principal	Interest	Total	Principal	Interest
Total	11,598,601	11,786,484	2,726,267	766,868	1,960,399	98,686	31,567	67,119
Armenia	19,019	19,715						
Austria	23,752	23,752	863	863				
Belgium	406,680	406,555	52,191	19,158	33,034			
Cuba			12,287	10,000	2,287			
Czechoslovakia	167,071	165,571	19,804	19,500	304	1,500	1,500	
Estonia	16,466	17,204	1,248		1,248			
Finland	8,604	8,803	3,141	454	2,687	186	58	128
France	3,863,650	3,921,548	486,076	226,040	260,036			
Great Britain	4,393,000	4,409,520	2,007,348	434,182	1,573,167	95,550	30,000	65,550
Greece	31,516	32,183	3,092	984	2,108			
Hungary	1,909	1,994	468	74	394			
Italy	2,004,900	2,007,406	98,830	37,464	61,366	1,245		1,245
Latvia	6,889	7,085	746	9	737	112	9	103
Liberia			36	26	10			
Lithuania	6,198	6,384	1,221	235	986	92		92
Nicaragua	353	394	169	141	28			
Poland	206,057	215,290	22,646	1,287	21,359			
Rumania	63,861	63,861	4,762	4,499	263			
Russia	317,953	327,593	[2] 8,749		[2] 8,749			
Yugoslavia [3]	61,625	61,625	2,589	1,953	636			

[1] Includes amounts postponed and payable under the moratorium, but not interest payable on amounts postponed.
[2] Represents proceeds of liquidation of financial affairs of Russian Government in this country.
[3] Has not accepted provisions of the moratorium and has not paid $250,000 due during the fiscal year 1932.

Source of Tables 193 and 194: Treasury Department.

No. 195.—SUMMARY OF SECURITIES OWNED BY THE UNITED STATES GOVERNMENT, AS OF JUNE 30, 1930 TO 1932

NOTE.—This statement is made up on the basis of the face value of the securities as received by the United States, with due allowance for repayments. It does not include securities which the United States holds as collateral, or as the result of the investment of trust funds; 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	1930	1931	1932
Grand total	11,639,564	12,333,718	13,441,592
Foreign obligations	11,406,907	11,746,109	11,777,317
Received under debt settlements	11,086,120	11,062,898	11,094,106
All other [1]	320,787	683,211	683,211
Capital stock of war emergency corporations [2]	47,570	46,673	49,514
Emergency Fleet Corporation	20,073	19,778	22,935
U. S. Housing Corporation	27,397	26,795	26,479
U. S. Spruce Corporation	100	100	100
Reconstruction Finance Corporation [2]			767,735
Railroad obligations	54,792	39,942	38,926
Capital stock of Panama R. R	7,000	7,000	7,000
Capital stock of Inland Waterways Corporation	9,000	12,000	12,000
Capital stock of Federal land banks	298	238	125,176
Capital stock of Federal intermediate credit banks	30,000	30,000	32,000
Securities received by War and Navy Departments on account of sales of surplus war supplies and property	6,429	5,817	5,766
Securities received by U. S. Shipping Board on account of sales of ships, etc	77,573	100,484	138,851
Notes received by Federal Farm Board on account of advances from revolving fund created by the agricultural marketing act		345,454	487,307

[1] Figures do not include interest accrued and unpaid.
[2] Figures represent balance after offsetting the deposits made by the corporations with the Treasury against holdings of capital stock. Capital stock outstanding of the War Finance Corporation, which is in liquidation, was more than offset by deposits with the Treasury.

No. 196.—MONEY COST OF WORLD WAR TO UNITED STATES GOVERNMENT TO JUNE 30, 1932

NOTE.—Data, which are partly estimated, include expenditures during the war period taken as extending from Apr. 6, 1917, to June 30, 1921, and continuing costs, expenses of the Veterans' Bureau, interest on war debt, and construction of veterans' hospitals, to June 30, 1932. They make allowance for estimated normal expenditures under the War and Navy Departments, receipts on account of the sale of war supplies and surplus Government property, and assets held on June 30, 1921, except foreign obligations and amounts due from Germany account of army of occupation, which are taken as of June 30, 1932

[All figures in thousands of dollars]

	Total war costs	Receipts	Assets June 30, 1921 (partly estimated)	Net war costs
Total	54,147,602	4,720,047	9,564,664	39,862,891
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]	3,541,813	597,787	67,664	2,876,361
Interest on war debt to June 30, 1932	11,255,417			11,255,417
Foreign obligations (June 30, 1932)	[3] 9,610,404	2,628,518	[4] 8,115,000	[5] *1,133,114*
Veterans' Bureau (continuing cost to June 30, 1932) [6]	5,499,891			5,499,891
Settlement of war claims act of 1928	88,126			88,126

[1] Includes data for War Finance Corporation revised to June 30, 1929, and of United States Shipping Board Emergency Fleet Corporation revised to June 30, 1930.
[2] Includes expenditures, receipts, etc., under Federal control of transportation systems and expenditures for hospital construction to June 30, 1930.
[3] Represents obligations acquired for cash advances under Liberty bond acts.
[4] Value June 30, 1932, on the basis of 4 per cent per annum, payable semiannually (approximately the average rate of interest United States is paying on its public debt), of payments to be received on all accounts under funding agreements.
[5] Credit, deduct.
[6] Expenditures prior to 1922 by the War Risk Bureau are included with "War expenditures under other departments and war agencies."

Source of Tables 195 and 196: Annual Report of the Secretary of the Treasury.

10. STATE, MUNICIPAL, AND LOCAL GOVERNMENT FINANCES

No. 197.—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, townships, school districts, etc., and for all purposes. They do not cover "special assessments" on property benefited by specific improvements nor special property taxes applying only to limited classes, nor taxes based on other standards than property, such as income, volume of business, inheritance, etc., which have been steadily growing in relative importance. The change in buying power of money affects materially the comparability of the figures. For data for 1870 and 1890, by States, see Table 437, Statistical Abstract of 1922

Division and State	Levies of general property taxes (thousands of dollars)					Amount per capita (dollars)				
	1860	1880	1902	1912	1922	1860	1880	1902	1912	1922
Grand total	94,137	313,921	724,737	1,349,841	3,503,725	3.00	6.26	9.22	13.91	32.23
New England	13,565	42,492	78,308	127,232	270,516	4.33	10.60	13.29	18.53	35.59
Maine	2,257	5,182	6,856	8,987	22,295	3.59	7.99	9.78	11.86	28.83
New Hampshire	1,262	3,179	4,166	6,978	15,029	3.87	9.16	9.95	15.98	33.71
Vermont	908	1,745	1,911	4,020	9,188	2.88	5.25	5.52	11.17	26.07
Massachusetts	7,437	24,327	49,219	82,566	156,285	6.04	13.64	17.06	23.27	39.33
Rhode Island	686	2,693	6,133	8,192	19,925	3.93	9.74	13.65	14.13	32.12
Connecticut	1,015	5,366	8,021	16,489	47,794	2.21	8.62	8.53	13.95	33.30
Middle Atlantic	25,551	94,130	211,936	364,266	840,028	3.43	8.97	13.17	17.71	36.68
New York	15,363	56,393	132,711	221,467	454,878	3.96	11.09	17.49	22.80	42.72
New Jersey	1,458	8,958	20,956	49,424	145,355	2.17	7.92	10.54	17.98	44.27
Pennsylvania	8,730	28,779	58,269	93,375	239,795	3.00	6.72	8.95	11.52	26.70
East North Central	23,531	78,502	172,421	292,021	809,832	3.40	7.00	10.47	15.38	30.27
Ohio	9,611	25,757	47,469	76,697	224,423	4.11	8.05	11.15	15.45	37.63
Indiana	3,701	11,943	27,908	45,644	117,138	2.74	6.04	10.84	16.53	39.26
Illinois	6,122	24,586	53,013	84,834	250,380	3.58	7.99	10.56	14.37	37.60
Michigan	1,767	8,628	23,477	47,998	108,797	2.36	5.27	9.48	16.34	43.90
Wisconsin	2,330	7,588	20,503	36,848	108,944	3.00	5.77	9.61	15.23	40.45
West North Central	7,442	35,490	95,010	180,440	490,829	3.43	5.78	9.00	15.06	38.52
Minnesota	666	4,346	17,761	38,108	107,325	3.87	5.57	9.65	17.47	43.78
Iowa	2,378	11,062	22,603	36,570	105,842	3.52	6.81	10.17	16.45	43.30
Missouri	4,110	11,832	21,785	35,491	91,445	3.48	5.46	6.82	10.58	26.64
North Dakota		[1] 1,478	4,186	11,875	31,167		[2] 3.54	11.44	17.97	47.13
South Dakota			4,329	10,720	32,483			10.69	16.67	50.18
Nebraska	92	2,702	9,499	19,781	53,236	3.19	6.17	8.89	16.04	40.26
Kansas	196	4,980	14,847	27,895	69,331	1.83	5.00	10.14	16.55	38.83
South Atlantic	9,580	21,553	46,365	91,136	255,316	1.79	2.84	4.31	7.15	17.73
Delaware	206	604	1,317	1,791	4,841	1.83	4.12	7.00	8.61	21.20
Maryland	2,159	5,437	10,698	19,360	40,026	3.14	5.82	8.79	12.30	26.95
District of Columbia	260	1,469	3,351	5,396	12,366	3.47	8.27	11.62	15.51	28.26
Virginia	3,673	4,694	6,893	13,822	33,878	2.30	3.10	3.64	6.49	14.32
West Virginia		1,994	5,507	10,026	38,435		3.22	5.52	7.67	25.39
North Carolina	1,045	1,916	3,975	9,989	37,017	1.05	1.37	2.04	4.33	13.98
South Carolina	1,280	1,840	3,736	6,899	20,886	1.82	1.85	2.73	4.39	12.09
Georgia	798	3,014	8,204	18,414	35,673	.75	1.95	3.58	6.73	12.01
Florida	159	585	2,681	8,436	32,194	1.13	2.17	4.79	10.22	31.44
East South Central	5,067	11,996	27,167	51,663	125,781	1.28	2.15	3.50	5.95	13.98
Kentucky	2,148	5,201	10,462	17,669	37,322	1.86	3.15	4.74	7.56	15.28
Tennessee	1,103	2,516	7,626	14,112	35,127	.99	1.63	3.68	6.31	14.83
Alabama	851	2,062	4,899	9,971	22,684	.88	1.63	2.59	4.45	9.46
Mississippi	955	2,217	4,180	9,911	30,648	1.21	1.96	2.61	5.28	17.12
West South Central	8,129	10,794	29,985	77,723	222,351	3.51	3.24	4.35	8.17	21.05
Arkansas	635	1,839	4,446	10,621	17,476	1.45	2.29	3.30	6.40	9.77
Louisiana	4,961	4,386	8,478	14,432	41,562	7.01	4.67	5.91	8.27	22.65
Oklahoma			[3] 3,377	10,705	54,079			[3] 3.77	10.16	25.69
Texas	533	4,569	13,684	32,065	109,234	.88	2.87	4.26	7.90	22.60
Mountain	95	4,717	24,312	54,827	144,466	.54	7.22	13.76	18.45	41.23
Montana		384	4,092	11,245	26,008		9.80	15.53	26.83	43.94
Idaho		187	1,895	6,952	18,569		5.73	11.11	18.35	40.68
Wyoming		230	1,074	2,610	8,365		11.07	11.16	15.98	40.68
Colorado		2,152	10,741	16,231	44,588		11.07	19.34	19.17	45.75
New Mexico	30	104	1,410	3,426	8,805	.32	1.37	7.15	9.26	23.89
Arizona		293	1,635	4,358	15,352		7.25	12.59	18.88	42.54
Utah	65	435	2,848	6,529	17,711	1.61	3.02	9.81	16.13	37.82
Nevada		872	617	2,276	5,068		14.00	14.57	24.02	65.47
Pacific	3,237	14,247	41,235	111,033	284,756	7.29	12.78	16.42	23.28	48.61
Washington	57	505	9,003	31,205	66,283	4.94	6.73	16.43	23.21	47.13
Oregon	199	1,114	4,920	17,139	40,090	3.79	6.37	11.43	22.64	49.55
California	2,981	12,628	27,312	62,689	178,383	7.85	14.60	17.81	23.50	48.97

[1] Dakota Territory. [2] Oklahoma and Indian Territory combined.

Source: Bureau of the Census, Department of Commerce.

No. 198.—ASSESSED VALUATION OF PROPERTY SUBJECT TO GENERAL PROPERTY TAX, 1931

NOTE.—Data shown are taxable values of property subject to the general property tax for the use of State governments. Property belonging to railroads, telegraph companies, and a number of similar corporations is in some States distinguished as real or personal, but in a number of States it is treated as a single total. In the latter case, figures for such corporations and also other property and franchise valuations of corporations for which data were insufficient for a complete distinction of real from personal are not shown separately but are included in the totals

[All figures in millions of dollars]

Division and State	Total [1]	Real property	Personal property
Grand total	[2] 166,048	[2] 129,393	[2] 29,813
New England	13,550	11,591	1,858
Maine	757	641	116
New Hampshire	680	557	67
Vermont	334	237	53
Massachusetts	7,181	6,384	798
Rhode Island	1,447	984	463
Connecticut	3,150	2,789	361
Middle Atlantic	49,203	44,079	4,615
New York	29,513	29,152	361
New Jersey	6,819	5,463	846
Pennsylvania [2]	12,871	9,464	3,407
East North Central	42,276	31,330	8,999
Ohio	[3] 13,453	[3] 9,376	[3] 4,077
Indiana	5,073	3,785	1,288
Illinois	8,249	6,149	1,310
Michigan	8,894	6,935	1,512
Wisconsin	6,606	5,084	812
West North Central	18,186	13,717	4,187
Minnesota	2,342	1,676	666
Iowa	1,559	802	669
Missouri	4,566	3,519	573
North Dakota	990	719	280
South Dakota	1,690	1,290	272
Nebraska	3,348	2,358	991
Kansas	3,682	2,355	736
South Atlantic	12,562	8,913	2,785
Delaware [2]	291	291	[4]
Maryland	2,824	1,944	881
Virginia [5]	[6] 2,354	1,331	1,023
West Virginia	2,010	1,108	338
North Carolina [2]	2,831	2,831	[4]
South Carolina	408	212	196
Georgia	1,268	755	294
Florida	576	442	53
East South Central	6,668	4,099	1,930
Kentucky	3,060	1,561	1,498
Tennessee [2]	1,709	1,292	129
Alabama	1,207	771	193
Mississippi	693	474	111
West South Central	8,375	5,699	2,331
Arkansas	615	426	189
Louisiana	1,666	1,033	633
Oklahoma	1,852	1,248	259
Texas	4,242	2,992	1,250
Mountain	4,886	3,126	786
Montana	463	255	101
Idaho	428	287	24
Wyoming	419	224	78
Colorado	1,586	1,037	207
New Mexico	345	140	56
Arizona	719	636	79
Utah	728	377	117
Nevada	208	173	35
Pacific	10,342	7,334	2,323
Washington	1,266	1,032	233
Oregon	1,125	824	117
California [2]	7,951	5,978	1,973

[1] See headnote.
[2] No general property tax levied for State purposes in Pennsylvania, Delaware, North Carolina, Tennessee, and California, but assessed valuation of property for local taxation in these States is shown.
[3] Data for year ended Dec. 31, 1930. Data for 1931 not available.
[4] Valuation of personal property included with that of real property.
[5] Only personal intangible and certain classes of public service corporations taxed for State purposes.
[6] Includes assessed valuation of $1,615,000,000 on which no State tax is levied.

No. 199.—REVENUES AND EXPENDITURES OF STATE GOVERNMENTS

NOTE.—All figures in thousands of dollars. See headnote, Table 201

Year	Revenue receipts, total	Governmental-cost payments				
		Total	Operation, maintenance, and interest			Outlays for permanent improvements
			Total	Operation and maintenance	Interest	
1915	458,233	494,907	399,714	381,168	18,546	95,193
1919	675,217	640,403	569,258	545,178	24,080	71,145
1922	1,159,527	1,280,320	962,275	920,967	41,308	318,045
1924	1,370,066	1,513,628	1,068,352	1,012,504	55,848	445,276
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	2,069,327	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

Source of Tables 198 and 199: Bureau of the Census, Department of Commerce.

No. 200.—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
1924	12.31	9.14	3.16	9.60	9.10	.50
1926	14.29	10.91	3.37	9.72	9.06	.63
1928	16.31	12.70	3.61	10.99	10.26	.70
1929	17.06	13.35	3.71	11.62	10.84	.73
1930	18.39	14.59	3.79	12.31	11.48	.88
1931	18.87	14.43	4.44	12.72	11.82	.96

No. 201.—REVENUES AND EXPENDITURES OF STATE GOVERNMENTS

NOTE.—Both receipts and expenditures are net figures, excluding temporary and special transactions which represent virtually duplication. Revenue receipts do not include any receipts from borrowing of money. Outlays, which enter into the total for governmental-cost payments, represent capital investments, including those made with the proceeds of borrowed money. The excess of governmental-cost payments over revenue receipts represents, approximately, increase of indebtedness

	1929			1930			1931		
	Amount (thousands of dollars)	Per capita (dollars)	Per cent of total	Amount (thousands of dollars)	Per capita (dollars)	Per cent of total	Amount (thousands of dollars)	Per capita (dollars)	Per cent of total
Revenue receipts, total	2,059,327	17.06	100.0	2,243,110	18.39	100.0	2,324,532	18.87	100.0
From taxes	1,611,961	13.35	78.3	1,780,339	14.59	79.4	1,778,484	14.43	76.5
General property	350,233	2.90	17.0	345,187	2.83	15.4	371,410	3.01	16.0
Special property	108,851	.90	5.3	96,451	.79	4.3	112,215	.91	4.8
Inheritance	148,592	1.23	7.2	180,794	1.48	8.1	182,653	1.48	7.9
Income	74,590	.62	3.6	76,530	.63	3.4	51,059	.41	2.2
Other special taxes	69,176	.57	3.4	70,093	.57	3.1	41,831	.34	1.8
Poll taxes	3,542	.03	.2	4,058	.03	.2	5,450	.04	.2
Motor fuel	282,579	2.34	13.7	390,523	3.27	17.8	423,397	3.44	18.2
Motor vehicle licenses	*287,079*	*2.38*	*13.9*	*295,424*	*2.43*	*13.2*	281,517	2.28	12.1
All other licenses	287,323	2.38	14.0	311,279	2.56	13.9	308,952	2.51	13.3
Special assessments	30,543	.25	1.5	26,427	.22	1.2	24,699	.20	1.1
Fines, forfeits, and escheats	7,909	.07	.4	7,918	.06	.4	7,081	.06	.3
Subventions, donations, and pension assessments	151,546	1.26	7.4	150,155	1.23	6.7	242,623	1.97	10.4
Interest, rents, and highway privileges	90,489	.75	4.4	102,216	.84	4.6	95,440	.77	4.1
Earnings of general departments	149,373	1.24	7.3	157,698	1.29	7.0	158,712	1.29	6.8
Earnings of public-service enterprises	17,006	.14	.8	18,357	.15	.8	17,477	.14	.8
Governmental-cost payments, total	2,061,016	17.08	100.0	2,290,270	18.78	100.0	2,508,744	20.36	100.0
Operation and maintenance	1,307,873	10.84	63.5	1,400,065	11.48	61.1	1,456,083	11.82	58.0
General departments	1,297,699	10.75	63.0	1,390,505	11.40	60.7	1,447,286	11.75	57.7
General government	114,366	.95	5.5	110,300	.90	4.8	126,637	1.03	5.0
Protection to person and property	71,856	.59	3.5	79,538	.65	3.5	84,117	.69	3.4
Development and conservation of natural resources	69,659	.58	3.4	74,356	.61	3.2	74,538	.61	3.0
Health and sanitation	31,618	.26	1.5	33,588	.28	1.4	36,894	.30	1.5
Highways	*219,265*	*1.82*	10.6	251,311	2.06	11.0	239,873	1.95	9.6
Charities, hospitals, and corrections	215,627	1.79	10.5	223,679	1.83	9.8	230,206	1.87	9.2
Education	518,233	4.29	25.1	557,967	4.57	24.4	591,555	4.80	23.6
Recreation	4,613	.04	.2	5,546	.05	.2	6,350	.05	.3
Miscellaneous	52,562	.44	2.6	54,220	.45	2.4	57,116	.46	2.3
Public-service enterprises	10,174	.08	.5	9,560	.08	.4	8,797	.07	.4
Interest	94,137	.78	4.6	101,431	.83	4.4	110,821	.90	4.4
Outlays	659,006	5.46	32.0	788,774	6.47	34.4	941,840	7.64	37.5
Highway construction	532,732	4.41	25.8	635,088	5.21	27.7	757,835	6.15	30.2
All other	126,274	1.05	6.1	153,686	1.26	6.7	184,005	1.49	7.3

Source: Bureau of the Census, Department of Commerce.

No. 202.—STATE FINANCES: REVENUES AND EXPENDITURES, BY STATES

[All figures except per capita in thousands of dollars]

Division and State	Total revenue receipts, 1931	Governmental-cost payments, 1931				Per capita revenue receipts			Per capita governmental-cost payments for operation, maintenance, and interest		
		Operation, maintenance, and interest			Outlays for permanent improvements						
		Total	Operation and maintenance	Interest		1922	1930	1931	1922	1930	1931
Grand total	2,324,522	1,566,904	1,456,083	110,821	941,840	$10.71	$18.39	$16.87	$8.89	$12.31	$12.72
New England	174,777	110,086	105,709	4,377	67,638	13.84	20.70	21.28	9.75	13.36	13.40
Maine	24,297	15,313	14,327	986	10,536	16.91	27.05	30.41	14.15	17.80	19.17
New Hampshire	11,398	10,714	10,440	274	2,340	14.66	23.87	24.46	9.90	20.37	22.99
Vermont	10,278	6,980	6,560	420	3,955	14.34	30.90	28.55	11.96	20.36	19.39
Massachusetts	74,020	44,885	43,704	1,181	29,174	12.92	16.26	17.30	8.46	11.33	10.49
Rhode Island	12,865	9,000	8,141	859	5,948	11.92	25.00	18.59	8.76	12.37	13.01
Connecticut	41,919	23,194	22,537	657	15,685	15.20	24.31	25.91	10.80	13.35	14.38
Middle Atlantic	562,844	427,016	403,293	23,723	195,638	11.49	21.87	21.27	9.90	15.13	16.14
New York	269,317	240,370	224,463	15,907	91,283	12.65	23.66	21.21	10.67	17.41	18.93
New Jersey	97,545	65,520	61,689	3,831	43,300	12.82	26.51	23.87	14.27	15.44	16.04
Pennsylvania	195,982	121,126	117,141	3,985	61,053	9.62	17.61	20.26	7.38	12.01	12.52
East North Central	441,462	261,199	247,510	13,689	155,062	10.10	15.86	17.30	9.08	9.82	10.24
Ohio	88,328	50,606	50,080	526	26,371	9.00	12.47	13.16	9.18	8.49	7.54
Indiana	58,410	29,747	29,606	141	20,408	8.58	16.25	17.93	6.37	9.55	9.13
Illinois	122,608	66,278	57,920	8,358	56,269	6.76	11.86	15.95	4.64	7.05	8.62
Michigan	109,006	78,256	73,688	4,568	30,604	16.06	23.58	22.26	18.15	14.78	15.97
Wisconsin	63,020	36,312	36,216	96	21,410	13.94	20.84	21.33	9.48	12.20	12.20
West North Central	261,137	162,751	147,402	15,349	107,058	11.63	19.07	19.57	9.99	12.06	12.20
Minnesota	65,663	42,939	38,756	4,183	20,989	17.24	25.10	25.52	12.12	15.94	16.09
Iowa	46,339	25,357	24,642	715	19,705	13.07	17.95	18.73	6.69	9.98	10.25
Missouri	51,485	32,723	28,587	4,136	31,887	7.83	13.96	14.12	11.67	9.49	8.97
North Dakota	17,642	13,928	11,915	2,013	3,493	13.23	26.02	25.83	12.11	21.78	20.39
South Dakota	19,696	14,301	10,917	3,384	5,255	17.08	28.58	28.30	21.81	18.70	20.55
Nebraska	23,389	14,488	14,474	14	9,390	11.30	16.61	16.92	6.51	10.87	10.48
Kansas	36,923	19,015	18,111	904	16,339	6.93	17.89	19.57	5.89	9.36	10.08
South Atlantic	251,147	169,240	148,922	20,318	113,714	7.99	15.98	16.31	6.52	11.05	10.99
Delaware	14,852	6,462	6,287	175	4,653	21.26	65.12	62.14	16.74	26.13	27.04
Maryland	33,574	23,191	21,741	1,450	10,493	12.43	19.09	20.43	9.11	14.10	14.12
Virginia	45,921	31,759	30,820	939	16,907	11.20	17.60	18.92	8.36	11.89	13.09
West Virginia	24,543	18,855	15,118	3,737	19,066	8.16	14.34	14.09	7.52	10.64	10.82
North Carolina	40,427	31,194	23,253	7,941	13,275	4.97	14.76	12.63	5.71	11.62	9.75
South Carolina	25,089	17,346	12,621	4,725	20,951	4.86	12.26	14.39	3.72	9.52	9.95
Georgia	40,369	22,384	21,214	1,170	18,569	5.83	12.25	13.88	4.09	7.18	7.60
Florida	26,372	18,049	17,868	181	9,800	10.30	18.06	17.60	8.69	12.58	12.09
East South Central	124,725	96,672	85,254	11,418	59,742	6.66	11.98	12.54	5.23	9.51	9.72
Kentucky	37,357	24,050	23,997	653	17,270	7.33	14.08	14.24	5.28	8.66	9.39
Tennessee	35,924	26,542	21,679	4,863	28,752	6.53	13.11	14.04	4.71	10.03	10.09
Alabama	31,360	27,633	23,230	4,403	8,837	6.42	11.44	11.77	5.23	10.30	10.39
Mississippi	19,084	17,797	16,298	1,499	4,883	6.23	8.49	9.43	5.88	8.90	8.79
West South Central	206,416	150,985	140,422	10,563	137,274	7.99	17.17	16.96	7.49	11.67	12.28
Arkansas	23,413	23,769	16,227	7,542	30,918	4.19	13.38	12.59	3.84	12.20	12.78
Louisiana	34,590	29,420	26,728	2,692	54,267	10.95	15.75	16.28	8.29	12.12	13.84
Oklahoma	30,675	26,354	26,049	305	16,907	7.11	16.52	16.44	6.03	9.67	10.92
Texas	110,738	71,442	71,418	24	35,182	8.66	19.16	18.79	9.18	12.16	12.12
Mountain	104,094	62,089	59,489	2,550	43,473	17.65	24.67	27.98	10.92	16.44	16.67
Montana	13,514	7,797	7,376	421	6,315	14.29	24.41	25.14	8.56	14.53	14.50
Idaho	12,351	6,009	5,629	380	6,123	12.63	20.74	27.69	9.41	13.14	13.47
Wyoming	10,487	5,741	5,627	114	5,137	32.09	39.83	46.00	13.92	26.72	25.18
Colorado	22,301	13,808	13,367	441	7,276	14.22	19.84	21.42	9.01	12.98	13.20
New Mexico	13,527	7,640	7,077	563	6,524	16.16	20.85	31.75	10.59	16.96	17.93
Arizona	13,547	8,055	7,966	89	6,387	26.12	29.31	30.72	13.45	18.01	18.27
Utah	13,438	10,472	9,981	491	3,039	18.22	26.41	26.30	14.48	19.70	20.49
Nevada	4,929	2,517	2,466	51	2,072	41.82	48.64	53.58	22.38	29.64	27.36
Pacific	195,920	126,916	118,082	8,834	62,243	17.33	22.87	23.53	13.40	15.15	15.24
Washington	39,904	25,176	24,469	707	14,451	15.99	26.00	25.40	9.80	15.51	16.03
Oregon	29,767	17,300	14,538	2,762	12,280	24.04	31.83	30.85	18.75	17.29	17.93
California	126,249	84,440	79,075	5,365	35,512	16.37	20.49	21.80	13.57	14.68	14.58

Source: Bureau of the Census, Department of Commerce.

No. 203.—STATE FINANCES: REVENUE RECEIPTS FROM TAXES, 1931

[All figures in thousands of dollars]

Division and State	Total	General property	Special property	Inheritance	Income	Other special taxes	Poll	Motor fuel	Motor-vehicle licenses	All other licenses
Grand total	1,778,454	371,410	112,215	182,653	51,059	41,831	5,450	423,397	281,517	308,952
New England	137,646	20,184	20,540	20,789	721	1,162	1,741	28,935	23,945	19,629
Maine	20,031	5,711	1,075	2,053	-------	63	4	4,393	3,215	2,912
New Hampshire	8,858	2,812	75	380	-------	18	-------	2,820	2,028	725
Vermont	8,132	1,194	1,399	259	-------	19	477	1,835	2,354	595
Massachusetts	56,269	7,500	10,484	11,689	721	750	1,260	13,685	6,267	3,913
Rhode Island	10,391	1,228	2,631	902	-------	92	-------	1,732	2,279	1,437
Connecticut	33,965	1,739	4,876	4,816	-------	220	-------	4,465	7,802	10,047
Middle Atlantic	469,868	40,778	60,977	101,559	19,747	29,213	-------	57,539	77,609	82,186
New York	229,533	2,668	12,007	52,691	19,747	26,535	-------	22,864	31,055	62,066
New Jersey	78,843	38,110	3,917	10,228	-------	796	-------	7,192	15,675	2,924
Pennsylvania	161,382	-------	45,053	38,640	-------	1,882	-------	27,483	31,078	17,196
East North Central	361,224	111,703	16,185	25,008	9,453	2,762	800	97,646	55,911	41,956
Ohio	64,151	4,999	5,071	3,789	-------	573	-------	23,973	7,286	18,460
Indiana	43,706	14,516	84	1,944	-------	113	600	17,826	4,612	4,011
Illinois	110,627	33,589	3,437	10,708	-------	900	-------	28,846	18,111	10,036
Michigan	93,549	41,205	7,593	5,968	-------	1,023	-------	17,088	14,583	6,089
Wisconsin	49,191	12,394	-------	2,599	9,453	153	-------	9,913	11,319	3,360
West North Central	177,616	52,092	1,899	6,855	3,951	1,105	-------	43,175	41,902	26,937
Minnesota	45,275	10,292	14	2,209	-------	96	-------	7,329	10,803	14,532
Iowa	34,447	11,558	-------	941	-------	163	-------	6,330	11,597	3,858
Missouri	36,757	5,889	1,883	2,753	3,419	207	-------	9,154	10,074	3,378
North Dakota	6,488	2,925	2	19	432	6	-------	1,315	938	851
South Dakota	11,538	5,005	-------	164	-------	20	-------	3,534	1,538	1,277
Nebraska	16,930	7,569	-------	22	-------	190	-------	6,903	1,186	1,060
Kansas	26,181	8,854	-------	547	-------	423	-------	8,610	5,766	1,981
South Atlantic	187,620	30,008	7,310	7,469	15,258	4,388	1,082	55,656	30,429	35,920
Delaware	12,441	7	5,401	1,771	1,924	822	-------	1,036	1,016	494
Maryland	24,078	6,068	458	2,162	-------	489	-------	6,514	2,333	6,049
Virginia	33,690	3,841	-------	1,090	4,110	1,422	501	7,919	6,051	8,956
West Virginia	20,465	3,827	-------	1,074	-------	785	248	5,383	4,355	4,793
North Carolina	29,367	-------	1,006	962	5,130	53	-------	9,767	6,047	5,402
South Carolina	17,377	2,834	393	132	1,715	274	-------	5,903	2,655	3,971
Georgia	28,480	6,222	-------	278	1,379	415	233	11,126	4,267	4,569
Florida	21,127	7,209	52	-------	-------	128	-------	8,308	3,705	1,725
East South Central	89,890	28,116	2,724	1,984	1,007	1,232	-------	25,628	12,375	16,824
Kentucky	29,135	11,529	406	1,069	-------	26	-------	8,556	4,539	2,920
Tennessee	26,912	3,017	48	885	-------	910	-------	10,688	4,917	6,447
Alabama	20,450	7,970	1,565	-------	-------	223	-------	3,485	2,706	4,501
Mississippi	13,393	5,600	615	30	1,007	73	-------	2,899	213	2,956
West South Central	143,995	43,913	2,537	1,928	1,022	606	2,027	53,977	14,789	23,196
Arkansas	18,582	5,514	453	263	668	415	-------	6,529	2,617	2,123
Louisiana	26,960	9,314	-------	528	-------	28	-------	8,406	4,520	4,164
Oklahoma	23,545	4,777	217	227	354	159	-------	8,825	3,145	5,841
Texas	74,908	24,308	1,867	910	-------	4	2,027	30,217	4,507	11,068
Mountain	58,610	25,988	1	1,745	-------	885	-------	20,269	4,498	5,223
Montana	6,879	1,950	-------	235	-------	124	-------	3,007	-------	1,563
Idaho	6,397	2,854	-------	39	-------	111	-------	2,742	119	532
Wyoming	4,014	1,604	-------	66	-------	38	-------	1,169	729	318
Colorado	14,957	5,263	-------	995	-------	261	-------	6,112	1,055	1,271
New Mexico	5,938	2,016	-------	34	-------	44	-------	2,722	805	317
Arizona	8,791	5,731	-------	80	-------	59	-------	1,878	652	391
Utah	9,016	5,103	-------	296	-------	140	-------	1,915	844	718
Nevada	2,618	1,377	1	-------	-------	108	-------	724	295	113
Pacific	152,175	18,628	42	15,516	-------	478	-------	40,572	19,858	57,081
Washington	32,558	14,012	-------	957	-------	93	-------	7,538	7,451	2,507
Oregon	20,441	4,613	-------	823	-------	385	-------	6,356	6,068	2,196
California	99,176	3	42	13,736	-------	-------	-------	26,678	6,339	52,378

Source: Bureau of the Census, Department of Commerce.

No. 204.—PUBLIC DEBT: GROSS DEBT LESS SINKING-FUND ASSETS OF ALL CLASSES OF GOVERMENT ORGANIZATIONS IN THE UNITED STATES

NOTE.—For national debt (gross figure) for later years, see table 190; for State debts, table 205

Government organization	1880	1890	1902	1912	1922
Total (thousands of dollars)	3,042,605	1,989,113	[1] 2,838,886	4,850,480	30,845,626
National [2]	1,919,327	851,913	969,457	1,028,564	22,155,886
States	274,746	211,210	[1] 239,369	345,942	935,544
Counties	124,105	145,048	196,565	371,528	1,272,790
Incorporated places and all other civil divisions	724,428	780,942	1,433,505	3,104,426	6,481,406
Per capita (dollars): [3]					
National [2]	38.27	13.60	12.22	10.59	203.78
States	5.48	3.37	3.03	3.57	8.64
Counties	2.47	2.51	2.80	4.33	13.18

[1] Revised figure.
[2] Gross debt less cash in the Treasury as of June 30, 1880, 1891, 1903, 1913, and 1923.
[3] Not computed for incorporated places and all other civil divisions.

Source: Bureau of the Census, Department of Commerce.

No. 205.—DEBT OF STATE GOVERNMENTS: GROSS DEBT, SINKING FUND ASSETS, AND GROSS 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	46,985	211,210	3.37	----------	----------
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	693,623	547,346	40,648	612	105,017	146,677	546,946	5.20	466,875	4.44
1922	1,162,648	985,859	[6]	[6] 42,068	134,721	227,105	935,543	8.64	833,580	7.70
1923	1,288,830	1,083,564	38,552	6,980	159,734	254,882	1,033,948	9.43	911,599	8.31
1924	1,502,643	1,358,932	43,459	1,490	188,762	310,943	1,281,700	11.52	1,130,094	10.16
1925	1,745,651	1,508,127	46,306	1,225	180,093	346,687	1,398,964	12.42	1,249,602	11.09
1926	1,858,037	1,609,764	39,635	13,143	195,495	378,056	1,479,981	12.77	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	38,477	42,191	196,373	410,555	1,733,777	14.61	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	1,883,428	15.03
1931	2,666,070	2,259,078	37,769	129,458	239,768	496,293	2,169,777	17.61	1,976,844	16.04

[1] Prior to 1925, contingent or special assessment debt was included with funded and fixed debt. In this table, it has been excluded from funded and fixed and included with current debt, except for 1880, 1890, 1905, and 1910, when no segregation could be made.
[2] Includes special assessment debt, revenue bonds and notes, and warrants.
[3] Not segregated prior to 1915; included with funded and fixed.
[4] Revised figures.
[5] There was an excess of sinking fund assets over gross debt in one State.
[6] Debt to public trust funds included with "Other floating."

Source: Bureau of the Census, Department of Commerce.

No. 206.—DEBT OF STATE GOVERNMENTS: GROSS DEBT LESS SINKING-FUND ASSETS

Division and State	Total (thousands of dollars)					Per capita (dollars)				
	1902	1912	1922	1930	1931	1902	1912	1922	1930	1931
Grand total	[1] 234,965	345,942	935,544	1,994,212	2,189,777	2.99	3.57	8.64	16.35	17.61
New England	74,961	95,570	110,458	117,489	120,955	13.06	13.92	14.53	14.39	14.73
Maine	2,785	1,255	12,906	21,951	24,176	3.97	1.67	16.69	27.54	30.26
New Hampshire	1,551	1,956	3,018	5,176	6,506	3.71	4.50	6.77	11.13	13.96
Vermont	863	570	2,112	9,658	9,982	1.05	1.58	5.99	26.90	27.73
Massachusetts	65,964	79,551	76,906	62,097	62,850	22.87	22.78	19.38	14.59	14.69
Rhode Island	2,620	5,127	9,338	17,286	16,722	5.83	9.02	15.05	25.24	24.16
Connecticut	1,678	7,111	6,088	1,321	713	1.78	6.12	4.24	.83	.44
Middle Atlantic	8,676	86,847	252,865	426,674	443,441	.58	4.22	11.04	16.31	16.76
New York	8,187	86,205	186,542	276,865	307,302	1.08	9.05	17.52	22.09	24.20
New Jersey	[2]	642	16,355	67,934	56,904	------	.24	4.98	16.90	13.93
Pennsylvania	389	[2]	49,968	81,875	79,235	.06	------	5.56	8.53	8.19
East North Central	18,598	18,105	99,446	239,227	279,058	1.13	.95	4.49	11.45	10.94
Ohio	4,685	5,142	30,143	11,183	7,696	1.10	1.05	5.05	1.68	1.15
Indiana	2,914	1,350	2,325	2,870	4,730	1.13	.49	.78	.89	1.45
Illinois	2,155	2,273	13,880	205,023	198,321	.43	.39	2.08	26.97	25.80
Michigan	6,566	7,089	50,934	68,787	67,047	2.65	2.41	13.25	14.29	13.68
Wisconsin	2,278	2,251	2,164	1,364	1,264	1.07	.93	.80	.47	.43
West North Central	10,233	8,180	74,681	163,784	179,008	.97	.68	5.86	11.57	13.42
Minnesota	1,755	1,345	20,308	6,198	15,823	.95	.63	8.28	2.42	6.15
Iowa	50	357	1,457	15,549	16,760	.02	.16	.60	6.30	6.77
Missouri	4,366	4,671	30,456	91,056	103,302	1.37	1.40	8.87	25.05	28.33
North Dakota	968	820	5,913	3,964	4,137	2.64	1.29	8.97	5.83	6.06
South Dakota	457	370	15,431	11,877	14,805	1.08	.58	23.84	17.16	21.27
Nebraska	2,005	374	1,038	1,179	1,447	1.88	.31	.78	.86	1.05
Kansas	632	243	78	23,961	22,734	.43	.14	.04	12.76	12.05
South Atlantic	51,645	51,942	123,630	400,097	426,632	4.86	4.07	8.85	26.80	27.71
Delaware	762	763	5,834	4,977	3,241	4.05	3.70	26.55	20.91	13.56
Maryland	4,943	7,334	22,129	31,277	31,198	4.06	5.56	14.90	19.16	18.99
Virginia [3]	23,540	22,043	21,756	27,778	27,077	12.76	10.46	9.19	11.48	11.16
West Virginia [3]	------	------	24,181	73,102	85,353	------	------	15.97	42.43	49.00
North Carolina	6,755	8,059	34,713	176,111	176,273	3.47	3.54	13.11	55.82	55.07
South Carolina	6,730	6,190	8,729	63,562	77,984	4.88	3.98	5.05	36.53	44.74
Georgia	7,876	6,934	5,419	10,479	12,489	3.44	2.57	1.82	3.60	4.20
Florida	1,033	619	809	12,811	13,017	1.84	.77	.85	8.80	8.72
East South Central	35,880	33,846	56,984	203,497	220,127	4.62	3.89	6.33	20.61	22.14
Kentucky	2,291	4,441	7,745	10,641	13,712	1.04	1.90	3.17	4.08	5.23
Tennessee	17,985	11,812	19,142	85,847	87,754	8.68	5.32	8.08	32.89	33.37
Alabama	12,727	13,132	15,233	74,991	82,342	6.73	5.95	6.36	28.34	30.90
Mississippi	2,877	4,461	14,864	32,018	36,319	1.70	2.41	8.30	15.93	17.94
West South Central	19,287	26,369	28,493	176,579	265,586	2.80	2.77	2.70	14.52	21.61
Arkansas	1,191	1,236	2,722	122,613	160,087	.88	.76	1.52	66.21	86.07
Louisiana	13,593	13,546	14,829	40,217	83,743	9.48	7.89	8.08	19.07	39.41
Oklahoma	510	6,931	4,797	6,612	11,438	1.10	3.74	2.28	2.77	4.74
Texas	3,993	4,656	6,145	7,137	10,318	1.24	1.14	1.27	1.23	1.75
Mountain	11,322	13,273	50,546	48,284	51,037	6.41	4.51	14.43	13.07	13.71
Montana	1,204	1,513	7,579	7,968	8,865	4.57	3.73	12.80	14.81	16.49
Idaho	324	2,143	7,673	7,146	6,961	1.84	5.92	16.81	16.06	15.61
Wyoming	361	122	4,011	2,679	5,508	3.12	.77	19.50	11.85	24.42
Colorado	3,797	3,174	12,019	9,344	7,804	6.72	3.70	12.33	9.05	7.50
New Mexico	999	1,218	4,954	11,268	11,110	4.94	3.41	13.44	26.70	26.08
Arizona	3,099	3,065	2,740	2,412	3,677	23.86	13.28	7.59	5.57	8.34
Utah	974	1,430	9,819	6,006	5,682	3.36	3.62	20.97	11.87	11.12
Nevada	624	608	1,751	1,461	1,370	14.70	6.70	22.62	16.05	14.89
Pacific	4,463	11,810	138,441	176,581	183,933	1.77	2.48	23.63	21.97	22.09
Washington	1,272	1,556	13,191	12,500	13,218	2.31	1.21	9.38	8.05	8.41
Oregon	236	31	39,983	31,912	33,381	.54	.04	49.42	33.45	34.59
California	2,955	10,223	85,267	134,169	137,334	1.92	3.83	23.41	23.86	23.72

[1] Revised figure $239,369,000, not distributed by States.
[2] Sinking-fund assets exceed total debt.
[3] Virginia-West Virginia debt settlement not made until 1919.

Source: Bureau of the Census, Department of Commerce.

No. 207.—DEBT OF STATE GOVERNMENTS: BY CLASSES, 1931

[All figures, except per capita, in thousands of dollars]

Division and State	Gross debt at close of year							Sinking fund assets	Net debt [1]	
	Total		Funded or fixed	Floating		Special assessment bonds and certificates	Current [2]		Amount	Per capita
	Amount	Per capita		Debt to public trust funds	All other					
Grand total	2,666,070	$21.64	2,259,078	37,769	129,455	107,994	131,774	496,293	1,976,844	$16.04
New England	200,512	24.41	105,608	1,969	80	91,265	1,590	79,557	73,951	9.00
Maine	24,394	30.53	23,491	898			5	218	24,171	30.25
N. Hampshire	7,016	15.06	5,444	1,071	(3)		501	510	6,005	12.89
Vermont	9,982	27.73	9,102		80		800		9,182	25.51
Massachusetts	121,067	28.30	29,626			91,265	176	58,211	17,266	4.04
Rhode Island	21,654	31.20	21,654					4,932	16,722	24.16
Connecticut	16,399	10.14	16,291				108	15,686	605	.37
Middle Atlantic	628,920	23.77	619,339	822	8,110		649	185,479	442,792	16.74
New York	420,094	33.08	411,298	689	8,090		17	112,792	307,284	24.20
New Jersey	118,248	28.94	118,100	116			32	61,344	56,872	13.92
Pennsylvania	90,578	9.36	89,941	17	20		600	11,343	78,636	8.13
E. N. Central	311,943	12.23	285,315	14,544			12,084	32,885	267,061	10.47
Ohio	9,534	1.42	2,502	5,544			1,488	1,888	6,208	.92
Indiana	4,906	1.51	3,277				1,629	176	3,101	.95
Illinois	199,640	25.97	195,022	1,814			2,804	1,319	195,517	25.43
Michigan	96,599	19.71	83,250	7,186			6,163	29,552	60,971	12.44
Wisconsin	1,264	.43	1,264						1,264	.43
W. N. Central	315,429	23.64	299,308	4,399	2,547		9,175	36,421	169,916	12.74
Minnesota	72,836	28.31	71,152				1,684	57,013	14,221	5.53
Iowa	18,125	7.33	13,832		2,350		1,943	1,365	14,817	5.99
Missouri	105,162	28.84	100,455	4,399	11		297	1,860	103,005	28.25
North Dakota	41,801	61.20	40,357				1,444	37,664	2,693	3.94
South Dakota	51,716	74.31	49,775		186		1,755	36,911	13,050	18.75
Nebraska	1,447	1.05	237				1,210		238	.17
Kansas	24,342	12.90	23,500				842	1,608	21,892	11.60
South Atlantic	445,069	28.91	337,897	966	70,135	11,723	24,349	18,437	390,984	25.39
Delaware	3,741	15.65	3,741					500	3,240	13.56
Maryland	32,096	19.53	32,096					898	31,198	18.99
Virginia	29,331	12.09	27,345	175	69		1,742	2,254	25,335	10.44
West Virginia	89,376	51.31	86,376				3,000	4,023	82,353	47.27
North Carolina	186,363	58.22	178,922	104	6		7,272	10,090	169,400	52.92
South Carolina	78,528	45.05	4,923	251	64,801		8,554	544	09,430	39.83
Georgia	12,592	4.33	4,495	196	4,860		3,041	103	9,448	3.25
Florida	13,042	8.74		180	400	11,723	740	25	580	.39
E. S. Central	221,078	22.23	129,552	12,200	47,200		32,127	951	188,001	18.91
Kentucky	13,909	5.30	11	2,481			11,417	197	2,295	.87
Tennessee	88,323	33.58	37,292	2,527	47,200		1,304	569	86,450	32.87
Alabama	82,343	30.90	61,723	4,812			15,808	1	66,534	24.97
Mississippi	36,503	18.04	30,526	2,380			3,598	184	32,722	16.17
W. S. Central	265,858	21.63	234,479	1,981			29,398	273	236,187	19.21
Arkansas	160,095	86.07	156,857				3,238	8	156,849	84.33
Louisiana	83,884	39.47	71,474	1,981			10,429	141	73,314	34.50
Oklahoma	11,532	4.78	1,673				9,860	94	1,578	.65
Texas	10,347	1.76	4,475				5,872	30	4,446	.75
Mountain	62,317	16.74	44,518			2,483	15,316	11,280	33,552	9.01
Montana	11,595	21.57	5,589				6,006	2,730	2,986	5.55
Idaho	7,525	16.87	4,334				3,191	564	3,770	8.45
Wyoming	5,597	24.55	4,245				1,352	29	4,216	18.49
Colorado	8,828	8.48	8,062				766	1,024	7,038	6.76
New Mexico	12,095	28.39	10,331			1,196	568	985	9,491	22.28
Arizona	3,708	8.41	301			1,287	2,120	32	270	.61
Utah	11,335	22.18	10,635				700	5,052	4,982	9.75
Nevada	1,634	17.76	1,021				613	264	799	8.68
Pacific	214,944	25.82	203,062	888	1,383	2,524	7,087	31,010	174,400	20.95
Washington	15,410	9.81	13,000				2,419	2,201	10,799	6.87
Oregon	60,999	63.21	58,750				2,250	27,618	31,138	32.27
California	138,526	23.93	131,312	888	1,383	2,524	2,419	1,192	132,463	22.88

[1] Funded and floating debt less assets in general sinking fund. For gross debt less total sinking fund assets, see Table 206.
[2] Revenue bonds and notes and warrants.
[3] Less than $500.

Source: Bureau of the Census, Department of Commerce.

No. 208.—FUNDED, FLOATING, AND SPECIAL ASSESSMENT DEBT AT CLOSE OF YEAR: BY PURPOSE FOR WHICH INCURRED, 1931

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 [1]	Schools	Soldiers' and sailors' aid and homes	Other general purposes	For public service enterprises and investments
				Roadways	All other					
Grand total	2,534,207	42,663	4,123	1,256,388	189,228	82,757	56,626	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	3,105	50	218	301	1,413	4,850
N. Hampshire	6,516	-------	-------	3,500	-------	476	91	-------	2,449	-------
Vermont	9,182	40	-------	-------	-------	-------	568	844	7,050	80
Massachusetts	120,891	566	-------	1,713	2,774	1,523	-------	-------	102,355	11,960
Rhode Island	21,654	5,378	-------	1,650	4,691	299	1,260	2,500	5,134	842
Connecticut	16,291	-------	-------	-------	-------	-------	-------	-------	16,291	-------
Middle Atlantic	628,271	14,546	-------	285,453	151,440	70,712	2,915	44,400	36,605	42,200
New York	420,077	14,546	-------	106,232	151,440	70,712	2,316	32,400	36,231	6,200
New Jersey	118,216	-------	-------	70,000	-------	-------	-------	12,000	216	36,000
Pennsylvania	89,978	-------	-------	89,221	-------	-------	599	-------	158	-------
E. N. Central	299,860	-------	1,950	196,070	7,000	400	1,977	74,385	18,065	12
Ohio	8,046	-------	-------	-------	-------	-------	-------	2,500	5,546	-------
Indiana	3,278	-------	950	-------	-------	400	1,928	-------	-------	-------
Illinois	196,836	-------	-------	146,070	7,000	-------	49	41,885	1,820	12
Michigan	90,436	-------	1,000	50,000	-------	-------	-------	30,000	9,436	-------
Wisconsin	1,264	-------	-------	-------	-------	-------	-------	-------	1,264	-------
W. N. Central	306,264	75	-------	97,500	186	-------	1,728	54,532	9,136	143,087
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	11,080	4,399	-------
North Dakota	40,357	-------	-------	-------	-------	-------	-------	-------	-------	40,357
South Dakota	49,961	-------	-------	-------	186	-------	-------	6,000	-------	43,775
Nebraska	237	-------	-------	-------	-------	-------	-------	-------	237	-------
Kansas	23,500	-------	-------	-------	-------	-------	-------	23,500	-------	-------
South Atlantic	420,721	709	-------	283,895	-------	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	-------	82,533	23,950
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	238,459	5,000	-------	185,619	-------	2,377	2,552	13,036	19,985	8,010
Arkansas	150,857	-------	-------	133,859	-------	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	-------	28,648	72	1,983	5,626	-------	6,226	-------
Montana	5,589	589	-------	-------	-------	1,250	3,750	-------	-------	-------
Idaho	4,334	1,070	-------	1,821	-------	339	897	-------	157	-------
Wyoming	4,245	-------	-------	4,245	-------	-------	-------	-------	-------	-------
Colorado	8,002	-------	-------	5,830	-------	-------	-------	-------	2,232	-------
New Mexico	11,527	239	-------	9,090	72	-------	594	-------	1,532	-------
Arizona	1,588	-------	-------	-------	-------	-------	-------	-------	1,588	-------
Utah	10,635	2,550	-------	7,260	-------	-------	300	-------	525	-------
Nevada	1,021	-------	-------	400	-------	344	85	-------	192	-------
Pacific	207,867	10,546	2,173	87,892	-------	-------	11,515	35,500	6,282	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] Includes tuberculosis hospital.

Source: Bureau of the Census, Department of Commerce.

No. 209.—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 210

Division and State	Amount (thousands of dollars)					Per capita (dollars)				
	1880	1890	1902	1912	1922	1880	1890	1902	1912	1922
Grand total	848,533	925,990	1,630,070	3,475,964	7,754,196	16.92	14.79	20.74	35.81	71.61
New England	128,664	128,089	226,516	295,391	440,251	32.08	27.25	39.46	43.03	57.92
Maine	17,724	12,130	12,261	21,543	29,551	27.31	18.35	17.49	28.42	38.21
New Hampshire	7,163	5,457	9,862	9,345	13,105	20.64	14.49	23.56	21.40	30.47
Vermont	4,348	3,637	4,854	6,411	9,882	13.09	10.94	14.03	17.81	28.04
Massachusetts	71,125	74,283	143,799	187,578	252,946	30.89	33.18	49.85	52.86	63.66
Rhode Island	11,270	12,619	25,530	25,589	39,001	40.76	36.52	56.84	44.15	64.32
Connecticut	17,034	19,963	30,210	44,925	94,866	27.36	26.75	32.11	38.01	66.09
Middle Atlantic	353,238	314,739	637,311	1,461,733	2,363,566	33.65	24.78	38.62	71.06	103.15
New York	211,187	199,455	429,185	1,046,227	1,497,278	41.55	33.25	56.56	107.71	140.63
New Jersey	48,733	48,311	81,204	169,527	365,817	43.08	33.43	40.85	61.66	111.42
Pennsylvania	93,318	66,973	126,922	245,979	500,471	21.79	12.74	19.49	30.34	55.72
East North Central	119,748	140,270	271,361	528,510	1,553,109	10.69	10.41	16.48	27.84	70.13
Ohio	43,022	63,930	112,545	234,525	639,300	13.45	17.41	26.45	47.23	107.20
Indiana	13,357	15,904	31,914	66,053	150,467	6.75	7.25	12.36	23.93	50.43
Illinois	44,942	40,657	78,560	137,208	350,139	14.60	10.63	15.65	23.24	52.58
Michigan	8,803	11,634	28,272	52,908	310,844	5.38	5.56	11.42	18.02	80.84
Wisconsin	9,624	8,145	20,070	37,816	102,359	7.32	4.83	9.41	15.63	38.00
West North Central	77,225	138,308	168,670	274,790	776,882	12.54	15.58	15.94	22.94	60.97
Minnesota	5,911	23,812	38,929	69,018	249,300	7.57	18.29	21.12	31.64	101.70
Iowa	7,592	11,025	17,390	35,069	150,157	4.67	5.77	7.82	15.78	61.52
Missouri	40,755	39,798	46,031	56,951	87,820	18.80	14.85	14.42	16.98	25.58
North Dakota	132	3,139	4,640	12,441	34,353	3.57	17.18	12.67	18.83	51.95
South Dakota	867	5,742	6,127	12,315	35,123	8.82	17.46	14.48	19.15	54.25
Nebraska	7,050	15,283	20,410	36,371	96,717	15.58	14.43	19.13	29.50	73.14
Kansas	14,918	39,509	35,143	52,625	123,392	14.98	27.69	23.99	31.22	69.11
South Atlantic	89,012	95,235	107,584	203,253	619,586	11.72	10.75	9.99	15.94	44.38
Delaware	1,466	2,031	3,383	6,097	16,617	10.00	12.06	17.99	29.31	72.42
Maryland	30,310	33,741	25,701	52,212	98,825	32.42	32.37	21.12	39.25	66.53
District of Columbia	22,498	19,781	14,540	9,061	156	126.66	85.86	50.42	26.03	.36
Virginia	12,755	16,610	23,934	39,887	97,359	8.43	10.03	12.64	18.73	41.14
West Virginia	1,514	2,348	4,768	11,195	46,331	2.45	3.08	4.78	8.57	30.26
North Carolina	2,540	3,414	8,593	26,285	147,998	1.81	2.11	4.41	11.39	55.91
South Carolina	6,707	6,342	9,021	15,097	56,281	6.74	5.51	6.55	9.60	32.59
Georgia	9,730	9,823	13,410	25,614	58,619	6.31	5.35	5.85	9.36	19.74
Florida	1,492	1,145	4,214	17,805	97,400	5.53	2.92	7.52	21.96	95.11
East South Central	31,104	36,636	55,176	126,973	313,569	5.57	5.70	7.10	14.61	34.84
Kentucky	13,888	17,762	20,550	25,588	42,774	8.42	9.56	9.32	10.95	17.51
Tennessee	9,947	9,848	14,733	47,287	114,195	6.45	5.57	7.11	21.13	48.20
Alabama	5,637	6,518	14,366	29,930	59,965	4.46	4.31	7.59	13.37	24.83
Mississippi	1,632	2,508	5,527	24,168	96,635	1.44	1.95	3.45	12.88	53.97
West South Central	29,410	35,339	63,715	211,066	676,053	8.82	7.78	9.25	22.18	64.00
Arkansas	3,944	2,157	3,034	12,577	88,558	4.91	1.91	2.25	7.58	49.51
Louisiana	19,428	17,327	24,184	61,461	112,117	20.67	15.49	16.86	35.21	61.10
Oklahoma	------	------	[1] 4,040	53,790	125,180	------	------	4.50	27.74	59.48
Texas	6,038	15,855	32,457	83,238	350,198	3.79	7.09	10.11	19.95	72.44
Mountain	6,106	19,003	45,463	99,497	322,230	9.35	16.43	25.75	33.78	91.96
Montana	695	2,751	7,717	16,633	57,650	17.75	20.82	29.30	39.68	97.40
Idaho	147	1,376	3,560	11,987	54,520	4.51	10.30	20.18	31.64	119.43
Wyoming	189	1,327	2,266	4,202	15,117	9.07	21.87	23.54	25.73	73.52
Colorado	3,481	7,811	18,269	36,473	87,179	17.92	18.95	32.34	41.29	89.91
New Mexico	85	1,962	3,581	6,444	20,056	.71	12.77	17.70	17.41	54.42
Arizona	378	2,181	3,492	7,324	42,233	9.33	36.58	26.89	31.73	117.02
Utah	107	767	5,638	13,859	40,222	.74	3.69	19.45	34.24	85.89
Nevada	1,024	828	940	2,575	5,253	16.45	18.09	22.21	27.19	67.87
Pacific	14,026	18,371	54,294	274,741	688,970	12.58	9.82	21.63	57.61	117.60
Washington	240	2,846	28,285	94,415	155,872	3.19	8.14	51.40	70.21	110.83
Oregon	337	2,478	11,066	43,797	98,111	1.93	7.90	25.57	57.86	121.27
California	13,449	13,047	14,943	136,529	434,987	15.55	10.80	9.71	51.18	119.40

[1] Includes $853,000 indebtedness of local governments in Indian Territory reported separately in 1902.

Source: Bureau of the Census, Department of Commerce.

No. 210.—DEBTS OF STATE AND LOCAL GOVERNMENTS: GROSS DEBT LESS SINKING FUND ASSETS OF STATES, COUNTIES, CITIES, TOWNS, VILLAGES, TOWNSHIPS, SCHOOL DISTRICTS, AND ALL OTHER CIVIL DIVISIONS COMBINED

Division and State	Amount (thousands of dollars)					Per capita (dollars)				
	1880	1890	1902	1912	1922	1880	1890	1902	1912	1922
Grand total	1,123,278	1,137,200	1,864,978	3,521,857	8,689,740	22.40	18.16	23.73	39.37	79.02
New England	185,410	148,524	301,478	390,960	550,709	41.24	31.60	53.52	56.95	72.46
Maine	23,236	15,772	15,047	22,798	42,457	35.81	23.86	21.46	30.08	54.90
New Hampshire	10,793	8,148	11,413	11,300	16,123	31.10	21.04	27.27	25.87	36.16
Vermont	4,499	3,785	5,217	6,981	11,994	13.54	11.39	15.08	19.39	34.03
Massachusetts	91,910	84,095	209,763	267,129	329,942	51.55	37.56	72.72	75.28	83.04
Rhode Island	12,971	12,999	28,150	30,716	49,239	46.91	37.62	62.67	52.99	79.38
Connecticut	22,002	23,725	31,888	52,036	100,954	35.33	31.79	33.89	44.03	70.33
Middle Atlantic	375,430	321,693	646,830	1,548,580	2,616,431	35.77	25.33	40.15	75.28	114.19
New York	218,846	201,256	437,372	1,132,432	1,683,820	43.06	33.55	57.64	116.59	158.15
New Jersey	49,383	49,258	81,147	170,169	382,172	43.66	34.09	40.82	61.89	116.40
Pennsylvania	107,202	71,180	127,311	245,979	550,439	25.03	13.54	19.55	30.34	61.28
East North Central	141,928	185,228	289,960	546,615	1,652,556	12.66	12.26	17.61	28.79	74.62
Ohio	53,044	70,927	117,230	239,667	669,443	16.59	19.32	27.55	48.27	112.25
Indiana	18,353	24,472	34,828	67,404	152,792	9.28	11.16	13.49	24.41	51.21
Illinois	46,389	42,468	80,715	130,480	364,010	15.07	11.10	16.08	23.62	54.66
Michigan	12,056	16,942	34,839	59,997	361,778	7.36	8.09	14.07	20.43	94.09
Wisconsin	12,086	10,421	22,348	40,067	104,523	9.19	6.18	10.48	16.56	38.81
West North Central	104,131	155,700	178,902	282,971	851,543	18.91	17.52	16.91	23.62	66.88
Minnesota	11,328	26,238	40,684	70,364	269,608	14.51	20.15	22.07	32.26	109.90
Iowa	8,138	11,271	17,440	35,426	151,614	5.01	5.90	7.84	15.94	62.11
Missouri	60,264	51,558	50,397	61,622	118,276	27.79	19.24	15.79	18.37	34.46
North Dakota	132	3,855	5,608	13,261	40,206	3.57	21.10	15.31	20.07	60.89
South Dakota	867	6,614	6,584	12,685	50,554	8.82	20.11	15.56	19.72	78.09
Nebraska	7,490	15,537	22,415	36,745	97,755	16.56	14.67	21.01	29.80	73.93
Kansas	15,912	40,629	35,774	52,868	123,470	15.97	28.47	24.42	31.36	69.16
South Atlantic	167,920	165,454	159,208	255,196	743,216	22.10	18.69	14.79	20.02	51.61
Delaware	2,377	2,919	4,145	6,869	22,451	16.17	17.32	22.04	32.98	98.32
Maryland	41,429	41,292	30,643	59,546	120,954	44.31	39.61	25.18	44.76	81.43
District of Columbia	22,493	19,781	14,540	9,061	156	126.66	85.36	50.42	26.03	.36
Virginia	45,510	51,597	47,481	61,980	119,115	30.09	31.16	25.07	29.09	50.33
West Virginia	1,641	2,532	[1] 4,768	[1] 11,195	70,512	2.65	3.32	[1] 4.78	[1] 8.57	46.58
North Carolina	17,963	11,124	15,348	34,344	182,711	12.83	6.87	7.88	14.88	69.03
South Carolina	14,185	13,660	15,761	21,287	65,010	14.25	11.87	11.43	13.54	37.64
Georgia	19,648	20,272	21,286	32,548	64,038	12.74	11.03	9.29	11.89	21.56
Florida	2,666	2,277	5,247	18,424	98,269	9.89	5.81	9.36	22.72	95.96
East South Central	78,696	74,126	91,055	160,820	370,553	14.09	11.53	11.54	18.51	41.17
Kentucky	14,982	19,433	22,842	30,031	50,519	9.09	10.46	10.36	12.85	20.68
Tennessee	40,750	29,544	32,717	50,098	133,337	26.42	16.71	15.79	26.41	56.27
Alabama	18,008	18,956	27,092	43,063	75,198	14.26	12.53	14.32	19.24	31.37
Mississippi	4,956	6,193	8,404	28,628	111,499	4.38	4.81	5.24	15.25	62.27
West South Central	65,287	61,028	83,002	237,435	704,548	19.58	13.43	12.05	24.95	56.70
Arkansas	10,733	7,600	4,220	13,813	91,280	13.37	6.73	3.13	8.32	51.03
Louisiana	42,865	33,335	37,777	75,007	126,946	45.60	29.80	26.34	42.97	69.18
Oklahoma			[2] 4,549	60,721	129,977			[2] 5.07	31.32	61.75
Texas	11,688	20,093	36,450	87,894	356,343	7.34	8.99	11.35	21.07	73.71
Mountain	6,807	23,978	56,788	112,770	372,776	10.42	20.74	32.16	38.29	108.39
Montana	765	2,926	8,921	18,146	65,229	19.54	22.15	33.87	43.29	110.20
Idaho	230	1,594	3,884	14,131	62,193	7.05	18.89	22.02	37.30	136.24
Wyoming	205	1,647	2,566	4,324	19,128	9.88	27.14	26.66	26.48	93.02
Colorado	3,628	9,458	22,067	39,647	99,198	18.67	22.95	39.06	44.89	101.78
New Mexico	85	2,832	4,580	7,662	25,010	.71	18.44	22.64	20.70	67.86
Arizona	378	2,938	6,592	10,389	44,973	9.33	49.28	50.75	45.01	124.61
Utah	110	1,218	6,613	15,288	50,041	.81	5.85	22.81	37.77	108.86
Nevada	1,400	1,365	1,564	3,183	7,004	22.48	29.83	27.97	33.60	90.49
Pacific	17,670	21,468	58,757	286,551	827,411	15.85	11.48	23.30	60.08	141.23
Washington	239	3,419	29,557	95,971	169,063	3.19	9.78	53.71	71.37	120.21
Oregon	849	2,480	11,302	43,828	138,094	4.86	7.90	26.11	57.90	170.69
California	16,582	15,569	17,898	146,752	520,254	19.18	12.89	11.60	55.01	142.81

[1] No State indebtedness reported; the Virginia-West Virginia debt settlement was not made until 1919.
[2] Includes $853,000 indebtedness of local governments in Indian Territory reported separately in 1902.

Source: Bureau of the Census, Department of Commerce.

No. 211.—REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF CITIES OF 30,000 OR MORE INHABITANTS: BY SIZE GROUPS

NOTE.—See headnote, Table 201. For per capita revenue receipts and governmental-cost payments, based on figures in this table, see Table 215, p. 216

[All figures in thousands of dollars]

	All cities over 30,000 [1]			1931—Cities of—				
	1932	1930	1931	Over 500,000	300,000–500,000	100,000–300,000	50,000–100,000	30,000–50,000
Revenue receipts, total	2,007,009	3,418,503	3,419,962	1,851,380	381,040	592,691	362,637	232,214
From taxes, total	1,441,108	2,378,696	2,431,353	1,336,482	264,029	412,720	256,316	161,806
General property	1,337,784	2,180,081	2,264,368	1,247,212	245,748	383,323	238,868	149,217
Special property	13,372	15,723	13,608	4,420	450	5,642	1,773	1,323
Other special taxes	27,718	66,864	44,158	26,910	1,740	6,924	4,661	3,923
Business and nonbusiness license	58,078	110,374	104,166	57,512	15,863	15,085	9,417	6,289
Poll	4,156	5,654	5,053	428	228	1,746	1,597	1,054
Special assessments, and special charges for outlays [2]	103,135	236,594	186,361	97,036	21,128	34,569	20,023	13,605
Fines, forfeits, and escheats	13,035	20,062	14,794	6,753	1,863	3,210	1,606	1,362
Subventions and grants	99,085	163,519	188,913	89,764	25,048	34,803	23,915	15,383
Donations, gifts, and pension assessments	20,020	36,120	42,511	26,294	6,844	4,460	3,022	1,891
Highway privileges, rents of investment property, and interest	94,151	157,502	133,547	92,259	13,862	16,232	6,928	4,266
Earnings of general departments	51,970	87,002	89,887	44,503	12,418	16,780	9,607	6,579
Earnings of public-service enterprises	184,505	339,008	332,596	158,289	35,848	69,917	41,220	27,322
Governmental-cost payments, total	2,222,587	3,810,682	3,743,480	2,030,148	433,325	650,722	386,612	242,655
Operation, maintenance, and interest, total	1,604,631	2,695,462	2,807,734	1,503,551	320,554	492,973	299,935	190,721
Operation and maintenance (except interest), total	1,390,764	2,290,309	2,407,384	1,283,238	276,785	421,227	259,817	166,317
General departments, total	1,284,189	2,112,199	2,229,491	1,197,694	256,561	387,319	236,581	151,336
General government	113,947	181,308	183,171	115,189	23,230	21,575	13,756	9,421
Protection to person and property	257,377	414,566	421,055	227,246	47,564	76,448	43,438	26,359
Health and sanitation	126,045	203,947	202,502	115,586	23,190	32,731	20,079	10,916
Highways	111,356	177,347	181,313	93,473	23,130	31,917	19,018	13,769
Charities, hospitals, and corrections	80,526	148,446	201,956	126,537	29,310	24,575	12,641	8,887
Education—								
Schools	484,345	773,432	809,914	381,730	84,918	165,137	108,730	69,399
Libraries	16,008	28,972	29,651	13,726	3,986	6,342	3,418	2,189
Recreation	42,283	76,137	78,892	43,928	9,372	13,590	7,265	4,737
Miscellaneous	51,802	108,044	121,027	80,279	11,849	15,004	8,236	5,659
Public-service enterprises	106,575	178,110	177,893	85,544	20,224	33,908	23,236	14,981
Interest	213,867	405,153	400,350	220,313	43,769	71,746	40,118	24,404
Excess of revenue receipts over payments for operation, maintenance, and interest	402,378	723,041	612,228	347,829	60,486	99,718	62,702	41,493
Outlays for permanent improvements	617,936	1,115,220	935,726	526,595	112,771	157,749	86,677	51,934
Excess of total governmental-cost payments over revenue receipts	215,558	392,179	323,498	178,766	52,285	58,031	23,975	10,441

[1] There were 261 cities of this class in 1922 and 310 in 1930 and 1931.
[2] Includes special assessments for expenses.

Source: Bureau of the Census, Department of Commerce.

No. 212.—REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS, AND NET

NOTE.—Amounts, except per capita, in thousands of dollars. Net

City number in order of size	City	1931							
		Total revenue receipts	Total governmental-cost payments	For operation, maintenance, and interest				Outlays for permanent improvements	Net debt
				Total	General departments	Public service enterprises	Interest		
1	New York, N. Y.	681,500	710,127	566,332	404,261	18,837	83,234	143,795	1,749,720
2	Chicago, Ill.	263,642	272,608	192,186	149,115	8,187	34,884	80,422	425,845
3	Philadelphia, Pa.	131,358	162,675	121,244	93,753	2,156	25,335	41,431	477,078
4	Detroit, Mich.	150,101	189,327	132,533	96,738	18,592	17,203	56,794	314,996
5	Los Angeles, Calif.	154,864	164,774	103,828	79,866	12,428	11,534	60,946	229,820
6	Cleveland, Ohio	73,031	79,030	58,116	44,304	5,307	8,505	20,914	143,665
7	St. Louis, Mo.	54,978	60,709	41,246	35,194	2,798	3,254	19,463	61,183
8	Baltimore, Md.	47,033	56,774	42,783	33,075	2,179	7,529	13,991	164,317
9	Boston, Mass.	82,890	92,399	71,773	60,713	3,553	7,507	20,626	122,494
10	Pittsburgh, Pa.	56,446	71,261	49,099	39,992	2,333	6,774	22,162	143,675
11	San Francisco, Calif.	55,093	59,933	42,587	30,251	6,045	6,291	17,346	152,648
12	Milwaukee, Wis.	47,250	51,495	37,557	32,709	1,022	3,226	13,938	70,639
13	Buffalo, N. Y.	53,200	59,035	44,267	37,722	1,507	5,038	14,768	104,543
14	Washington, D. C.	45,217	47,653	33,864	32,690	1,174	----	13,789	----
15	Minneapolis, Minn.	31,697	30,403	25,228	21,305	909	3,014	5,175	51,580
16	New Orleans, La.	24,481	32,406	20,406	14,188	1,768	4,460	12,000	76,116
17	Cincinnati, Ohio	40,727	40,497	30,970	23,955	1,234	5,781	9,527	81,181
18	Newark, N. J.	40,911	54,586	39,473	31,753	1,971	5,749	15,113	109,780
19	Kansas City, Mo.	25,788	26,350	21,398	17,003	1,496	2,839	4,952	50,936
20	Seattle, Wash.	40,933	47,887	30,375	18,876	7,043	4,456	17,512	92,126
21	Indianapolis, Ind.	19,359	19,589	16,459	14,750	23	1,686	3,130	34,608
22	Rochester, N. Y.	29,168	37,583	28,423	24,640	701	3,082	9,160	55,909
23	Jersey City, N. J.	27,515	34,178	28,379	23,054	788	4,537	5,799	78,783
24	Houston, Tex.	16,303	18,905	13,344	9,117	1,001	3,226	5,561	60,333
25	Louisville, Ky.	16,380	19,384	13,341	11,368	635	1,338	6,043	29,264
26	Portland, Oreg.	22,554	23,905	18,895	13,803	1,491	3,601	5,010	61,231
27	Toledo, Ohio	16,547	21,589	15,494	12,148	1,070	2,276	6,095	39,593
28	Columbus, Ohio	15,213	15,089	12,116	8,776	935	2,405	2,973	27,856
29	Denver, Colo.	19,428	21,231	16,113	13,130	1,050	1,933	5,118	32,394
30	Oakland, Calif.	20,468	19,919	15,791	11,312	1,379	3,100	4,128	61,429
31	Atlanta, Ga.	10,716	10,407	9,769	8,395	497	877	638	14,661
32	St. Paul, Minn.	16,489	16,849	11,423	8,414	685	2,324	5,426	30,293
33	Birmingham, Ala.	8,601	9,693	6,999	5,645	32	1,322	2,694	19,633
34	Dallas, Tex.	11,238	15,205	9,585	7,249	649	1,687	5,710	33,192
35	Akron, Ohio	14,249	15,292	10,845	7,718	381	2,746	4,447	40,647
36	Memphis, Tenn.	9,477	10,785	8,009	6,076	527	1,406	2,776	26,864
37	Providence, R. I.	16,237	19,950	14,095	11,319	557	2,219	5,855	37,547
38	San Antonio, Tex.	9,249	11,901	8,506	6,519	365	1,712	3,305	28,423
39	Omaha, Nebr.	14,543	12,713	10,878	7,126	1,883	1,869	1,835	29,013
40	Syracuse, N. Y.	14,499	16,859	12,924	10,868	414	1,642	3,935	28,541
41	Dayton, Ohio	10,216	10,492	8,080	6,505	317	1,267	2,403	21,503
42	Worcester, Mass.	14,287	16,134	12,703	11,742	391	570	3,431	11,401
43	Oklahoma City, Okla.	9,747	10,837	5,996	4,414	326	1,256	4,841	20,462
44	Richmond, Va.	10,570	10,830	8,969	6,161	1,096	1,712	1,861	28,519
45	Youngstown, Ohio	8,059	7,273	5,924	4,944	349	631	1,349	7,192
46	Grand Rapids, Mich.	11,388	10,249	7,803	6,460	440	903	2,446	13,274
47	Fort Worth, Tex.	7,044	8,400	5,852	4,332	284	1,236	2,548	24,169
48	Hartford, Conn.	13,317	14,731	11,059	9,474	497	1,088	3,672	22,075
49	New Haven, Conn.	8,906	10,455	8,600	7,871	4	725	1,855	14,538
50	Flint, Mich.	9,658	8,736	7,076	5,701	251	1,124	1,660	17,925
51	Nashville, Tenn.	5,997	5,867	4,815	3,629	362	824	1,052	15,459
52	San Diego, Calif.	10,944	11,095	7,329	5,558	786	985	3,766	19,998
53	Springfield, Mass.	11,462	15,078	10,393	9,207	329	857	4,685	18,474
54	Long Beach, Calif.	13,154	15,421	9,578	6,588	1,888	1,102	5,843	23,863
55	Bridgeport, Conn.	8,370	8,765	7,839	7,167	11	661	926	14,797
56	Scranton, Pa.	6,270	6,932	5,592	5,117	(2)	475	1,340	9,404
57	Tulsa, Okla.	6,985	10,054	6,078	4,138	803	1,137	3,976	21,213
58	Des Moines, Iowa	7,435	7,176	6,367	4,961	520	886	809	18,021
59	Salt Lake City, Utah	6,001	8,392	5,303	4,335	367	601	3,089	11,461
60	Yonkers, N. Y.	12,648	14,419	11,250	9,361	471	1,418	3,169	30,988
61	Paterson, N. J.	9,206	9,944	8,237	6,879	530	828	1,707	26,828
62	Jacksonville, Fla.	8,154	7,293	6,855	4,388	1,544	923	438	15,131
63	Norfolk, Va.	7,783	7,402	6,831	4,341	330	2,160	571	31,009
64	Albany, N. Y.	10,440	11,926	7,711	5,744	562	1,405	4,215	28,213
65	Trenton, N. J.	6,986	8,642	7,302	5,924	482	896	1,340	16,538
66	Kansas City, Kans.	7,446	7,286	5,299	2,950	1,595	754	1,987	10,982
67	Chattanooga, Tenn.	4,086	4,631	3,616	2,816	45	755	1,015	13,477

[1] Less than one-half of 1 cent.
[2] Less than $500.

DEBT OF INDIVIDUAL CITIES OF 120,000 OR MORE INHABITANTS IN 1931

debt is funded and floating debt less assets in general sinking funds

Per capita revenue receipts			Per capita governmental-cost payments for operation, maintenance, and interest						Per capita net debt			City number in order of size
			Total			Interest						
1932	1930	1931	1932	1930	1931	1932	1930	1931	1932	1930	1931	
$69.94	$104.22	$96.12	$57.31	$78.41	$79.87	$12.09	$15.32	$11.74	$182.72	$232.07	$246.78	1
54.20	54.67	75.24	39.92	52.94	55.58	2.88	7.53	10.09	46.35	109.67	123.14	2
47.55	68.04	66.80	43.34	59.66	61.65	5.20	12.30	12.88	103.38	237.50	242.60	3
65.53	95.85	92.70	50.10	79.23	81.85	4.76	9.78	10.62	123.37	183.63	194.53	4
79.81	127.89	120.49	48.30	81.70	80.78	4.56	9.35	8.97	110.59	176.94	178.81	5
62.55	85.54	80.09	47.92	64.84	63.73	7.45	10.39	9.33	135.85	154.93	157.54	6
44.88	62.65	66.67	34.05	47.00	50.02	1.20	3.30	3.95	17.99	78.59	74.20	7
39.97	58.03	59.77	35.17	52.70	71.44	5.64	9.29	10.45	104.84	192.21	201.99	8
80.55	110.85	105.57	65.52	87.08	91.41	8.63	9.78	9.56	110.76	145.35	156.00	9
61.50	85.82	83.50	49.92	70.84	72.63	5.94	9.39	10.02	123.13	207.48	212.54	10
57.67	76.85	85.59	44.51	59.74	66.16	5.09	7.01	9.77	135.30	218.40	237.14	11
59.50	84.39	79.73	41.07	61.66	63.38	2.84	5.25	5.44	66.97	116.81	119.20	12
52.07	92.52	92.06	48.11	74.64	76.60	3.48	9.21	8.72	84.01	182.46	180.90	13
57.27	90.41	92.47	42.03	65.37	69.25	.41	(1)		.30			14
54.04	66.33	65.87	41.57	51.37	53.22	4.98	6.56	6.36	92.78	109.25	108.82	15
44.46	52.59	52.37	35.63	41.25	43.65	4.95	8.62	9.54	100.79	155.44	162.82	16
64.38	84.84	89.06	49.41	65.86	67.72	11.39	12.69	12.64	201.22	183.60	177.52	17
61.40	95.32	91.79	52.93	87.86	88.56	7.17	12.47	12.90	113.48	232.89	246.31	18
51.11	65.45	63.83	45.38	55.19	52.97	2.61	7.25	7.03	45.88	125.54	126.08	19
93.85	119.03	110.12	80.41	82.70	81.72	12.26	11.63	11.99	185.11	237.47	247.55	20
49.73	58.03	52.35	35.37	44.32	44.51	3.32	4.60	4.56	73.00	95.25	93.59	21
56.53	98.82	87.86	47.71	77.65	85.61	5.04	8.90	9.29	77.61	159.59	168.40	22
55.94	85.65	86.25	54.67	82.62	88.96	9.74	13.12	14.22	118.94	234.39	246.97	23
42.40	45.39	52.59	33.76	36.07	43.04	6.04	8.15	10.41	103.00	142.95	194.62	24
53.85	56.52	53.18	27.60	42.25	43.30	2.41	4.28	4.34	52.31	88.14	94.98	25
55.25	85.95	73.56	36.26	56.33	61.63	6.75	11.23	11.74	95.16	203.81	199.71	26
42.88	63.91	55.69	36.51	49.02	52.15	5.41	7.83	7.66	102.37	130.13	133.26	27
44.68	56.36	51.46	34.63	42.16	40.99	6.53	8.46	8.13	85.51	95.49	94.24	28
52.07	66.76	66.60	49.79	56.88	55.24	3.74	7.22	6.63	61.64	107.96	111.05	29
39.36	74.83	70.83	32.32	55.87	54.64	2.02	9.69	10.73	51.19	220.73	212.56	30
33.19	41.34	38.60	25.29	35.24	35.19	.89	3.31	3.16	32.32	55.36	52.81	31
46.00	57.52	59.72	36.42	41.30	41.37	3.91	8.30	8.42	54.26	109.87	109.72	32
25.38	36.12	32.24	21.50	27.79	26.23	3.22	4.87	4.95	49.24	75.80	73.59	33
38.79	40.32	42.30	31.07	35.55	36.07	3.93	5.76	6.35	69.67	118.40	124.92	34
40.05	58.03	54.14	29.86	42.07	41.20	6.53	10.35	10.43	111.97	164.83	154.43	35
39.90	38.15	36.62	33.28	31.25	30.95	6.76	5.52	5.43	115.80	105.37	103.80	36
46.86	63.48	63.80	37.04	53.78	55.38	4.23	8.17	8.72	57.28	134.27	147.53	37
26.20	41.16	39.17	21.91	33.67	36.41	3.59	6.96	7.25	46.13	127.67	120.28	38
68.18	64.30	67.11	43.24	47.63	50.20	7.07	8.83	8.63	149.41	138.53	133.89	39
49.82	80.30	68.04	38.01	58.24	60.65	5.34	8.03	7.71	70.66	132.37	133.93	40
40.14	50.81	50.03	28.30	38.48	39.61	3.74	6.02	6.20	64.76	103.72	105.30	41
48.07	71.53	72.49	41.05	58.17	64.45	3.33	3.18	2.89	32.82	49.76	57.84	42
52.00	56.27	50.71	35.51	27.70	31.20	5.24	6.48	6.54	90.85	112.41	106.46	43
43.90	60.21	57.32	34.93	48.26	48.64	5.31	9.43	9.28	92.20	156.98	154.66	44
38.19	54.83	46.61	34.89	38.67	34.26	6.05	4.09	3.65	84.40	47.49	41.60	45
42.25	75.38	67.07	30.99	44.04	45.95	2.12	5.54	5.32	40.24	75.65	78.17	46
35.88	41.90	42.28	26.92	35.10	35.12	3.80	7.03	7.42	81.68	143.11	145.07	47
53.57	77.38	80.56	41.23	60.50	66.90	4.53	6.20	6.58	92.42	122.68	133.55	48
36.49	54.36	54.74	32.09	50.75	52.86	2.46	4.49	4.46	54.98	75.43	89.36	49
46.02	65.20	60.74	31.39	45.35	44.50	5.44	6.98	7.07	94.89	117.06	111.34	50
28.01	39.17	38.56	23.61	31.27	30.96	4.48	5.52	5.30	79.42	98.98	99.42	51
62.86	86.06	71.53	47.22	49.41	47.90	7.05	6.45	6.44	143.80	139.83	130.71	52
59.01	78.49	75.31	47.75	62.05	68.29	3.75	4.83	5.63	71.23	117.13	121.38	53
58.83	100.90	88.82	38.59	70.76	64.67	3.48	7.18	7.44	81.51	156.43	161.13	54
48.39	57.10	56.98	40.54	47.18	53.36	3.70	4.65	4.50	69.47	103.32	100.73	55
29.24	41.07	43.51	24.47	37.59	38.81	1.21	2.81	3.30	20.84	53.83	65.26	56
33.08	66.61	48.54	30.70	38.95	42.24	3.72	8.08	7.90	70.25	124.02	147.41	57
58.48	52.29	51.88	38.09	45.48	44.43	3.93	8.07	6.18	104.19	129.39	125.76	58
44.10	46.63	41.97	35.95	35.29	37.09	5.35	4.16	4.21	79.03	70.11	80.15	59
66.27	94.01	91.12	54.45	81.20	81.05	8.06	11.61	10.21	118.04	187.36	223.25	60
34.47	63.44	66.32	29.78	54.26	59.35	3.27	7.55	5.97	57.32	189.70	193.29	61
47.78	63.52	61.82	42.32	51.61	51.97	6.51	7.43	7.00	76.35	117.09	114.71	62
40.94	59.53	60.00	43.22	52.88	52.67	9.38	15.49	16.65	194.28	245.63	239.06	63
41.26	76.80	80.87	38.74	59.07	59.73	3.59	10.57	10.88	54.70	213.84	218.54	64
38.90	60.90	56.38	34.38	57.44	58.93	3.39	7.19	7.24	31.74	127.44	133.48	65
45.42	70.10	60.89	38.65	42.76	43.11	4.36	6.27	6.13	79.08	93.49	89.36	66
27.58	30.94	33.57	26.29	28.31	29.71	4.84	5.57	6.21	102.43	113.60	110.74	67

Source: Bureau of the Census, Department of Commerce.

No. 213.—PRINCIPAL SOURCES OF REVENUE RECEIPTS OF

NOTE.—For total revenue receipts, see Table 212.

City number in order of size	City	Amount of revenue receipts (thousands of dollars) from—							
		Taxes			Special assessments and charges for outlays	Earnings of—		Highway privileges, rents, and interest	All other
		General property	License	Other		General departments	Public service enterprises		
1	New York, N. Y.	482,690	22,984	14,694	17,883	8,151	38,476	32,774	63,848
2	Chicago, Ill.	177,223	9,165	142	23,794	8,867	13,437	15,416	15,610
3	Philadelphia, Pa.	94,254	939	57	998	3,687	8,183	17,785	5,535
4	Detroit, Mich.	91,936	3,708	489	9,438	6,588	25,208	2,138	10,507
5	Los Angeles, Calif.	81,257	5,415		26,512	3,804	27,994	3,723	7,159
6	Cleveland, Ohio	49,237	2,195	929	5,211	3,033	8,718	2,511	1,198
7	St. Louis, Mo.	34,341	2,753		5,824	1,944	4,310	4,367	1,434
8	Baltimore, Md.	31,407	2,284	1,338	1,035	833	5,436	2,662	2,038
9	Boston, Mass.	57,469	1,171	8,723	535	2,164	5,123	5,906	1,799
10	Pittsburgh, Pa.	45,826	976	49	597	1,300	3,451	1,911	2,336
11	San Francisco, Calif.	32,805	2,182		984	1,318	12,590	1,287	3,927
12	Milwaukee, Wis.	31,717	669	3,701	3,238	1,948	2,625	747	2,605
13	Buffalo, N. Y.	37,051	2,961	1,636	1,988	972	2,744	1,032	4,815
14	Washington, D. C.	25,385	4,836	3	806	1,391	1,722	252	10,822
15	Minneapolis, Minn.	22,917	321	106	2,460	831	1,474	840	2,747
16	New Orleans, La.	15,129	1,253	122	2,034	876	2,402	674	1,991
17	Cincinnati, Ohio	23,094	1,750	996	1,467	2,130	2,563	4,822	3,004
18	Newark, N. J.	28,275	1,027	408	1,586	1,677	2,796	1,765	3,378
19	Kansas City, Mo.	16,547	1,731		1,926	981	2,384	1,091	1,128
20	Seattle, Wash.	19,447	190		4,272	816	13,338	397	2,473
21	Indianapolis, Ind.	16,813	179	57	760	604	61	184	701
22	Rochester, N. Y.	19,401	1,085	473	2,214	766	1,624	743	2,862
23	Jersey City, N. J.	19,518	1,719	253	305	539	1,776	1,244	2,166
24	Houston, Tex.	12,169	210		23	449	1,682	604	1,166
25	Louisville, Ky.	11,350	655		843	707	1,699	438	694
26	Portland, Oreg.	14,808	907		2,432	649	2,328	808	622
27	Toledo, Ohio	11,116	819	128	1,756	408	1,420	563	350
28	Columbus, Ohio	9,535	773	127	1,507	286	1,848	759	379
29	Denver, Colo.	12,883	461		1,503	831	3,021	379	350
30	Oakland, Calif.	11,167	408		1,291	454	3,725	373	3,050
31	Atlanta, Ga.	5,884	740	99	624	549	1,905	409	526
32	St. Paul, Minn.	9,202	550	65	1,524	306	1,117	900	2,765
33	Birmingham, Ala.	4,091	1,283		1,380	267	26	205	1,350
34	Dallas, Tex.	6,951	46		741	721	1,414	408	958
35	Akron, Ohio	9,222	672	298	1,707	507	1,278	258	307
36	Memphis, Tenn.	5,950	488	50	354	216	1,337	176	900
37	Providence, R. I.	12,366	79	63	272	467	1,749	884	365
38	San Antonio, Tex.	6,645	63		120	194	1,150	204	869
39	Omaha, Nebr.	8,754	204		1,072	275	3,279	474	485
40	Syracuse, N. Y.	9,137	346	302	1,649	195	816	78	1,975
41	Dayton, Ohio	7,497	489	53	648	336	739	273	181
42	Worcester, Mass.	9,717	160	1,840	266	840	911	144	409
43	Oklahoma City, Okla.	5,125	342		1,785	287	999	691	518
44	Richmond, Va.	6,049	568	68	195	314	2,293	690	393
45	Youngstown, Ohio	5,940	372	33	507	159	826	89	133
46	Grand Rapids, Mich.	6,755	74		1,541	513	1,254	266	985
47	Fort Worth, Tex.	4,661	21		464	191	927	185	595
48	Hartford, Conn.	8,943	88	1,865	354	435	970	379	283
49	New Haven, Conn.	7,715	60	219	32	406	1	226	246
50	Flint, Mich.	6,336	27		743	777	735	120	921
51	Nashville, Tenn.	3,631	136	55	179	129	666	414	788
52	San Diego, Calif.	5,835	98		1,150	186	1,843	240	1,592
53	Springfield, Mass.	7,938	160	1,647	123	455	731	77	331
54	Long Beach, Calif.	5,908	186		1,137	251	3,171	732	1,768
55	Bridgeport, Conn.	7,593	54	243	13	177	20	53	218
56	Scranton, Pa.	5,092	40	120	235	135	1	158	488
57	Tulsa, Okla.	4,239	192		821	117	1,124	190	303
58	Des Moines, Iowa	5,824	65		190	178	928	124	126
59	Salt Lake City, Utah	3,842	118		285	191	573	74	918
60	Yonkers, N. Y.	9,317	215	284	431	81	685	130	1,505
61	Paterson, N. J.	5,699	494	70	225	286	1,281	374	777
62	Jacksonville, Fla.	3,580	145	10	121	108	3,686	74	430
63	Norfolk, Va.	4,918	570	12	32	139	1,000	795	316
64	Albany, N. Y.	7,453	193	177	848	53	785	112	819
65	Trenton, N. J.	4,794	277	69	112	234	606	347	546
66	Kansas City, Kans.	3,761	103		668	31	2,587	235	62
67	Chattanooga, Tenn.	2,496	95	70	271	178	22	53	901

Source: Bureau of the Census, Department of Commerce.

INDIVIDUAL CITIES OF 120,000 OR MORE INHABITANTS, 1931

Receipts from borrowing are not included

Per capita revenue receipts (dollars) from—								City	City number in order of size
Taxes			Special assessments and charges for outlays	Earnings of—		Highway privileges, rents, and interest	All other		
General property	License	Other		General departments	Public service enterprises				
68.08	3.24	2.07	2.52	1.15	5.43	4.62	9.00	New York, N. Y.	1
51.25	2.65	.04	6.88	2.56	3.88	4.46	4.52	Chicago, Ill.	2
47.93	.49	.03	.51	1.82	4.16	9.04	2.82	Philadelphia, Pa.	3
56.78	2.35	.30	5.83	4.07	15.57	1.32	6.48	Detroit, Mich.	4
63.22	4.21		19.85	2.96	21.78	2.90	5.57	Los Angeles, Calif.	5
53.99	2.41	1.02	5.71	3.33	9.56	2.75	1.31	Cleveland, Ohio	6
41.65	3.34		7.06	2.36	5.23	5.30	1.74	St. Louis, Mo.	7
60.52	2.70	1.14	5.41	3.73	10.72	3.09	1.47	Baltimore, Md.	8
73.19	1.49	11.11	.68	2.76	6.52	7.52	2.30	Boston, Mass.	9
67.79	1.44	.07	.88	1.92	5.10	2.83	3.40	Pittsburgh, Pa.	10
60.96	3.39		1.53	2.05	19.56	2.00	6.10	San Francisco, Calif.	11
53.52	1.13	6.24	5.46	3.29	4.43	1.26	4.40	Milwaukee, Wis.	12
64.11	5.12	2.83	3.44	1.68	4.75	1.79	8.23	Buffalo, N. Y.	13
51.91	9.89	.01	1.65	2.84	3.52	.52	22.13	Washington, D. C.	14
48.35	.68	.22	5.19	1.75	3.11	1.77	5.80	Minneapolis, Minn.	15
32.36	2.68	.26	4.35	1.87	5.14	1.44	4.26	New Orleans, La.	16
52.47	3.83	2.18	3.21	4.66	5.60	10.55	6.57	Cincinnati, Ohio	17
63.44	2.30	.91	3.56	3.76	6.27	3.96	7.53	Newark, N. J.	18
40.06	4.20		4.77	2.43	5.00	2.70	2.79	Kansas City, Mo.	19
52.32	.51		11.49	2.20	35.88	1.07	6.65	Seattle, Wash.	20
45.46	.48	.15	2.05	1.63	.16	.50	1.90	Indianapolis, Ind.	21
58.44	3.27	1.42	6.67	2.31	4.89	2.24	8.62	Rochester, N. Y.	22
61.17	5.39	.79	.96	1.69	5.57	3.90	6.79	Jersey City, N. J.	23
30.25	.68		.07	1.45	5.43	1.95	3.76	Houston, Tex.	24
36.84	2.13		2.73	2.30	5.51	1.42	2.26	Louisville, Ky.	25
48.30	2.96		7.93	2.12	7.59	2.64	2.03	Portland, Oreg.	26
37.41	2.75	.43	5.91	1.37	4.78	1.86	1.18	Toledo, Ohio	27
32.26	2.01	.43	5.10	.97	6.25	2.57	1.28	Columbus, Ohio	28
44.17	1.58		5.15	2.85	10.35	1.30	1.20	Denver, Colo.	29
38.64	1.41		4.47	1.57	12.89	1.29	10.55	Oakland, Calif.	30
21.12	2.67	.36	2.25	1.98	6.86	1.47	1.90	Atlanta, Ga.	31
33.55	1.99	.24	5.52	1.11	4.04	3.26	10.01	St. Paul, Minn.	32
15.33	4.81		5.17	1.00	.10	.77	5.06	Birmingham, Ala.	33
26.16	.17		2.79	2.71	5.32	1.53	3.61	Dallas, Tex.	34
35.04	2.55	1.13	6.48	1.93	4.86	.98	1.17	Akron, Ohio	35
23.01	1.88	.19	1.37	.84	5.17	.08	3.48	Memphis, Tenn.	36
48.59	.31	.25	1.07	1.84	6.84	3.47	1.44	Providence, R. I.	37
28.14	.27		.51	.84	4.87	.86	2.68	San Antonio, Tex.	38
40.40	.94		4.95	1.27	15.16	2.19	2.24	Omaha, Nebr.	39
42.88	1.63	1.42	7.74	.91	3.83	.37	9.27	Syracuse, N. Y.	40
36.72	2.39	.26	3.18	1.65	3.62	1.33	.88	Dayton, Ohio	41
49.30	.81	9.34	1.35	4.26	4.62	.73	2.08	Worcester, Mass.	42
26.67	1.78		9.29	1.40	5.20	3.60	2.70	Oklahoma City, Okla.	43
32.80	3.08	.37	1.05	1.70	12.44	3.74	2.13	Richmond, Va.	44
34.36	2.15	.19	2.93	.92	4.78	.52	.77	Youngstown, Ohio	45
39.78	.44		9.08	3.02	7.38	1.57	5.80	Grand Rapids, Mich.	46
27.98	.13		2.79	1.15	5.56	1.11	3.57	Fort Worth, Tex.	47
54.10	.53	11.29	2.14	2.63	5.87	2.29	1.71	Hartford, Conn.	48
47.42	.37	1.34	.20	2.50	.01	1.39	1.51	New Haven, Conn.	49
39.85	.17		4.67	4.80	4.62	.75	5.79	Flint, Mich.	50
23.35	.87	.35	1.15	.83	4.27	2.66	5.06	Nashville, Tenn.	51
38.14	.64		7.52	1.22	12.04	1.57	10.40	San Diego, Calif.	52
52.16	1.05	10.82	.81	2.99	4.80	.50	2.18	Springfield, Mass.	53
39.90	1.26		7.68	1.69	21.41	4.95	11.94	Long Beach, Calif.	54
51.69	.37	1.65	.09	1.21	.14	.36	1.48	Bridgeport, Conn.	55
35.33	.28	.84	1.63	.94	.01	1.09	3.39	Scranton, Pa.	56
29.46	1.33		5.70	.82	7.81	1.32	2.10	Tulsa, Okla.	57
40.64	.46		1.32	1.24	6.47	.87	.88	Des Moines, Iowa	58
26.87	.83		1.99	1.34	4.01	.52	6.41	Salt Lake City, Utah	59
67.13	1.55	2.04	3.10	.58	4.93	.94	10.84	Yonkers, N. Y.	60
41.06	3.56	.50	1.62	2.06	9.23	2.69	5.59	Paterson, N. J.	61
27.14	1.10	.07	.92	.82	27.95	.56	3.26	Jacksonville, Fla.	62
37.91	4.39	.09	.25	1.08	7.71	6.13	2.44	Norfolk, Va.	63
57.73	1.50	1.37	6.57	.41	6.08	.87	6.34	Albany, N. Y.	64
38.69	2.24	.55	.91	1.89	4.89	2.80	4.41	Trenton, N. J.	65
30.60	.84		5.44	.25	21.05	1.91	.51	Kansas City, Kans.	66
20.51	.78	.58	2.22	1.46	.18	.44	7.89	Chattanooga, Tenn.	67

No. 214.—GOVERNMENTAL-COST PAYMENTS FOR EXPENSES OF THE SEV

NOTE.—For total expenses of general departments

City number in order of size	City	Amount of governmental-cost payments (thousands of dollars) for—								
		General government	Protection to person and property	Health and sanitation	Highways	Charities, hospitals, and corrections	Education		Recreation	Miscellaneous
							Schools	Libraries		
1	New York, N.Y.	46,677	88,781	49,298	30,958	42,865	147,946	3,454	13,355	40,927
2	Chicago, Ill.	15,365	28,890	13,760	12,125	7,209	51,658	1,417	8,244	10,447
3	Philadelphia, Pa.	10,469	18,553	7,537	7,570	9,677	30,550	750	3,555	5,092
4	Detroit, Mich.	6,383	17,293	10,985	8,486	20,006	25,472	1,256	3,069	3,783
5	Los Angeles, Calif.	8,596	13,749	4,794	7,015	8,844	29,992	1,278	2,397	3,201
6	Cleveland, Ohio	3,896	7,331	4,208	4,475	3,432	15,895	1,606	866	2,595
7	St. Louis, Mo.	3,410	8,223	2,644	2,558	3,454	12,047	492	1,649	717
8	Baltimore, Md.	2,490	7,649	3,896	3,840	2,353	9,767	511	1,267	1,302
9	Boston, Mass.	4,573	10,956	5,710	3,744	11,372	16,303	1,237	2,927	3,992
10	Pittsburgh, Pa.	5,040	7,088	3,432	4,863	3,486	12,341	599	1,424	1,719
11	San Francisco, Calif.	2,933	7,471	1,469	1,820	3,586	8,942	283	1,744	2,003
12	Milwaukee, Wis.	2,574	5,096	4,220	2,941	4,796	9,418	382	1,843	1,439
13	Buffalo, N.Y.	2,783	5,168	3,633	3,078	5,457	11,400	460	1,588	3,155
14	Washington, D.C.	1,928	6,458	2,776	3,341	4,625	9,347	328	1,953	1,934
15	Minneapolis, Minn.	1,536	3,009	1,918	2,102	1,684	8,392	472	923	1,180
16	New Orleans, La.	1,604	3,608	1,538	1,533	445	4,603	80	353	355
17	Cincinnati, Ohio	2,545	2,972	1,816	2,246	2,839	9,422	359	390	1,366
18	Newark, N.J.	2,811	6,567	3,769	1,589	5,075	9,392	443	875	1,232
19	Kansas City, Mo.	2,363	2,715	962	1,815	1,882	5,991	296	614	425
20	Seattle, Wash.	2,120	3,733	1,710	2,304	1,230	6,084	361	566	768
21	Indianapolis, Ind.	1,020	3,364	1,288	1,064	1,088	5,574	321	563	488
22	Rochester, N.Y.	1,853	3,128	2,432	1,750	4,373	7,650	285	1,215	1,954
23	Jersey City, N.J.	2,522	5,892	2,051	1,171	3,374	6,000	248	679	1,117
24	Houston, Tex.	822	1,587	883	1,013	666	3,646	107	252	141
25	Louisville, Ky.	795	1,898	1,331	1,205	1,147	3,988	163	472	369
26	Portland, Oreg.	1,252	2,633	736	1,913	888	4,830	515	517	519
27	Toledo, Ohio	491	2,355	771	1,651	1,160	4,686	239	297	498
28	Columbus, Ohio	434	1,529	776	641	345	4,326	101	115	509
29	Denver, Colo.	1,283	2,221	790	1,197	964	5,004	268	835	568
30	Oakland, Calif.	597	2,444	573	723	17	6,070	210	501	177
31	Atlanta, Ga.	359	1,692	906	770	682	3,520	112	210	144
32	St. Paul, Minn.	532	1,878	459	803	379	3,389	222	308	354
33	Birmingham, Ala.	240	1,307	438	378	54	2,791	109	170	158
34	Dallas, Tex.	335	1,447	736	762	344	3,121	51	391	62
35	Akron, Ohio	380	930	572	867	408	4,127	108	24	302
36	Memphis, Tenn.	276	1,201	732	467	447	2,387	97	310	69
37	Providence, R.I.	600	2,822	1,287	839	502	4,313	64	404	428
38	San Antonio, Tex.	505	1,018	758	664	52	2,724	104	321	373
39	Omaha, Nebr.	411	1,786	337	511	1	3,474	102	189	315
40	Syracuse, N.Y.	578	1,860	1,103	604	1,409	3,912	143	304	955
41	Dayton, Ohio	311	1,022	604	576	660	2,703	220	177	232
42	Worcester, Mass.	409	2,092	679	1,702	2,085	3,888	165	243	479
43	Oklahoma City, Okla.	217	856	327	186	98	2,326	47	99	258
44	Richmond, Va.	585	1,224	630	614	358	2,337	76	168	169
45	Youngstown, Ohio	291	734	248	578	173	2,385	94	188	253
46	Grand Rapids, Mich.	290	1,161	403	385	359	3,275	188	228	80
47	Fort Worth, Tex.	210	959	377	332	257	1,873	37	233	54
48	Hartford, Conn.	567	1,831	954	714	734	3,702	125	557	300
49	New Haven, Conn.	510	1,867	534	435	581	3,191	141	306	306
50	Flint, Mich.	261	847	373	237	1,068	2,680	74	111	50
51	Nashville, Tenn.	235	992	348	284	296	1,189	55	152	98
52	San Diego, Calif.	346	1,061	436	493	24	2,630	121	318	130
53	Springfield, Mass.	382	1,682	809	918	1,058	3,318	224	414	342
54	Long Beach, Calif.	446	1,180	469	551	50	3,184	140	428	140
55	Bridgeport, Conn.	360	1,731	665	485	923	2,397	155	214	237
56	Scranton, Pa.	208	966	427	358	403	2,208	38	153	206
57	Tulsa, Okla.	175	891	237	216	7	2,560	55	68	129
58	Des Moines, Iowa	212	883	280	474	9	2,666	101	158	183
59	Salt Lake City, Utah	271	618	261	387	34	2,361	84	256	73
60	Yonkers, N.Y.	722	1,686	1,208	468	784	3,492	54	255	607
61	Paterson, N.J.	223	1,467	635	420	389	3,237	90	124	295
62	Jacksonville, Fla.	240	923	471	469	98	1,655	88	225	219
63	Norfolk, Va.	369	1,310	500	234	204	1,476	40	86	122
64	Albany, N.Y.	377	1,356	673	552	268	1,737	127	290	364
65	Trenton, N.J.	230	1,359	623	486	401	2,350	104	184	187
66	Kansas City, Kans.	152	687	134	136	22	1,622	34	63	100
67	Chattanooga, Tenn.	125	723	190	272	291	1,033	67	49	66

Source: Bureau of the Census, Department of Commerce.

ERAL DEPARTMENTS OF CITIES OF 120,000 OR MORE INHABITANTS, 1931

and other governmental-cost payments, see Table 212

Per capita governmental-cost payments (dollars) for—									City	City number in order of size
Gen-eral govern-ment	Protec-tion to person and prop-erty	Health and sanita-tion	High-ways	Chari-ties, hospi-tals, and correc-tions	Education		Recre-ation	Miscel-laneous		
					Schools	Libra-ries				
6.58	12.52	0.96	4.37	6.05	20.37	0.49	1.88	5.77	New York, N.Y.	1
4.44	8.36	3.98	3.50	2.08	14.94	.41	2.38	3.02	Chicago, Ill.	2
5.32	9.43	3.83	3.85	4.92	15.54	.38	1.81	2.59	Philadelphia, Pa.	3
3.94	10.68	6.79	5.24	12.35	15.73	.78	1.89	2.34	Detroit, Mich.	4
6.69	10.70	3.73	5.46	6.88	23.33	.99	1.86	2.49	Los Angeles, Calif.	5
4.27	8.04	4.62	4.91	3.76	17.43	1.76	.95	2.85	Cleveland, Ohio	6
4.13	9.97	3.20	3.11	4.19	14.61	.60	2.00	.87	St. Louis, Mo.	7
3.06	9.40	4.79	4.72	2.89	12.01	.63	1.56	1.60	Baltimore, Md.	8
5.82	13.95	7.27	4.77	14.43	20.76	1.58	3.73	4.96	Boston, Mass.	9
7.46	10.48	5.08	7.20	5.16	18.26	.89	2.11	2.54	Pittsburgh, Pa.	10
4.56	11.60	2.29	2.83	5.57	13.89	.44	2.71	3.11	San Francisco, Calif.	11
4.34	8.60	7.13	4.96	8.09	15.89	.64	3.11	2.43	Milwaukee, Wis.	12
4.82	10.08	6.29	5.32	9.44	19.73	.80	2.77	5.46	Buffalo, N.Y.	13
3.94	13.21	5.68	6.83	9.46	19.12	.67	3.99	3.96	Washington, D.C.	14
3.24	6.35	4.05	4.63	3.55	17.70	.99	1.95	2.49	Minneapolis, Minn.	15
3.56	7.72	3.29	3.28	.95	9.84	.19	.75	.76	New Orleans, La.	16
5.56	6.50	3.97	4.91	6.21	20.60	.78	.85	2.99	Cincinnati, Ohio	17
6.31	14.74	8.46	3.57	11.39	21.07	.99	1.96	2.77	Newark, N.J.	18
5.85	6.73	2.38	4.49	4.66	14.83	.73	1.52	1.05	Kansas City, Mo.	19
5.70	10.04	4.60	6.20	3.31	16.37	.97	1.52	2.07	Seattle, Wash.	20
2.75	9.09	3.43	2.88	2.94	15.07	.87	1.52	1.32	Indianapolis, Ind.	21
5.58	9.43	7.33	5.27	13.17	23.04	.86	3.66	5.88	Rochester, N.Y.	22
7.91	18.47	6.43	3.67	10.58	18.81	.78	2.13	3.50	Jersey City, N.J.	23
2.65	5.12	2.85	3.27	2.15	11.76	.35	.81	.45	Houston, Tex.	24
2.58	6.16	4.32	3.91	3.72	12.94	.53	1.53	1.20	Louisville, Ky.	25
4.08	8.59	2.40	6.24	2.90	15.75	1.68	1.69	1.69	Portland, Oreg.	26
1.65	7.93	2.59	5.56	3.90	15.77	.81	1.00	1.68	Toledo, Ohio	27
1.47	5.17	2.63	2.17	1.17	14.94	.34	.39	1.72	Columbus, Ohio	28
4.40	7.62	2.71	4.10	3.30	17.15	.92	2.86	1.95	Denver, Colo.	29
2.07	18.46	1.98	2.50	.06	21.00	.73	1.73	.61	Oakland, Calif.	30
1.29	6.10	3.26	2.77	2.46	12.68	.40	.76	.52	Atlanta, Ga.	31
1.93	6.81	1.66	2.91	1.37	12.28	.80	1.44	1.28	St. Paul, Minn.	32
.90	4.90	1.65	1.42	.20	10.45	.41	.64	.59	Birmingham, Ala.	33
1.26	5.45	2.77	2.86	1.29	11.74	.19	1.47	.24	Dallas, Tex.	34
1.44	3.54	2.17	3.29	1.55	15.68	.41	.09	1.15	Akron, Ohio	35
1.06	4.99	2.83	1.81	1.73	9.22	.38	1.20	.27	Memphis, Tenn.	36
2.36	11.09	5.06	3.30	2.21	16.95	.25	1.59	1.68	Providence, R.I.	37
2.14	4.31	3.21	2.81	.22	11.54	.44	1.36	1.58	San Antonio, Tex.	38
1.90	8.24	1.55	2.36	.01	16.03	.47	.87	1.46	Omaha, Nebr.	39
2.71	8.73	5.18	2.84	6.61	18.30	.67	1.43	4.48	Syracuse, N.Y.	40
1.52	5.01	2.95	2.82	3.23	13.24	1.08	.87	1.14	Dayton, Ohio	41
2.08	10.61	3.44	8.64	10.58	19.73	.84	1.23	2.43	Worcester, Mass.	42
1.13	4.46	1.70	.97	.51	12.10	.24	.51	1.34	Oklahoma City, Okla.	43
3.17	6.65	3.42	3.33	1.94	12.67	.41	.91	.92	Richmond, Va.	44
1.68	4.24	1.44	3.35	1.00	13.79	.55	1.09	1.46	Youngstown, Ohio	45
1.71	6.84	2.90	2.27	2.12	19.29	1.11	1.35	.47	Grand Rapids, Mich.	46
1.26	5.75	2.27	1.99	1.54	11.24	.22	1.40	.32	Fort Worth, Tex.	47
3.37	11.08	5.78	4.31	4.44	22.39	.76	3.37	1.82	Hartford, Conn.	48
3.14	11.47	3.28	2.67	3.58	19.61	.87	1.88	1.88	New Haven, Conn.	49
1.64	5.33	2.34	1.49	6.72	16.85	.47	.70	.31	Flint, Mich.	50
1.51	6.38	2.23	1.82	1.91	7.52	.36	.98	.63	Nashville, Tenn.	51
2.26	6.94	2.85	3.22	.16	17.19	.79	2.08	.85	San Diego, Calif.	52
2.51	11.04	5.72	6.03	6.95	21.80	1.47	2.72	2.25	Springfield, Mass.	53
3.01	7.97	3.17	3.72	.34	21.50	.94	2.89	.94	Long Beach, Calif.	54
2.45	11.79	4.53	3.31	6.28	16.31	1.05	1.46	1.61	Bridgeport, Conn.	55
1.86	6.69	2.96	2.49	2.79	15.95	.26	1.06	1.43	Scranton, Pa.	56
1.21	4.80	1.64	1.50	.05	17.79	.38	.48	.90	Tulsa, Okla.	57
1.48	6.16	1.95	3.31	.07	18.60	.71	1.07	1.28	Des Moines, Iowa	58
1.90	4.32	1.75	2.70	.24	16.51	.59	1.79	.51	Salt Lake City, Utah	59
5.20	12.15	9.35	3.34	5.65	25.16	.39	1.83	4.37	Yonkers, N.Y.	60
1.60	10.57	4.57	3.02	2.80	23.32	.65	.90	2.12	Paterson, N.J.	61
1.82	7.00	3.57	3.56	.74	12.55	.66	1.70	1.66	Jacksonville, Fla.	62
2.85	10.10	3.85	1.80	1.57	11.33	.31	.66	.94	Norfolk, Va.	63
2.92	10.51	5.21	4.28	2.07	13.46	.99	2.25	2.82	Albany, N.Y.	64
1.86	10.97	5.03	3.92	3.24	18.96	.84	1.49	1.51	Trenton, N.J.	65
1.24	5.58	1.11	1.10	.18	13.19	.27	.51	.81	Kansas City, Kans.	66
1.03	5.95	1.66	2.24	2.39	8.48	.55	.41	.54	Chattanooga, Tenn.	67

No. 215.—PER CAPITA REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF CITIES OF 30,000 OR MORE INHABITANTS

NOTE.—For amounts of revenue receipts and governmental-cost payments, see Table 211, p. 209

	All cities of over 30,000			1931—Cities of—				
	1932	1930	1931	Over 500,000	300,000–500,000	100,000–300,000	50,000–100,000	30,000–50,000
Revenue receipts	$51.81	$72.07	$70.84	$87.14	$75.38	$54.93	$53.93	$52.00
From taxes	37.21	50.15	50.36	62.91	52.24	38.24	38.12	36.23
General property	34.54	45.96	46.90	58.71	48.62	35.52	35.52	33.41
Special property	1.06	.33	.28	.21	.09	.52	.26	.30
Other special taxes		1.41	.91	1.27	.34	.64	.69	.88
Business and nonbusiness licenses	1.50	2.33	2.16	2.71	3.14	1.40	1.40	1.41
Poll	.11	.12	.10	.02	.05	.16	.24	.24
Special assessments and special charges for outlay	2.00	4.99	3.86	4.57	4.18	3.20	2.98	3.05
Fines, forfeits, and escheats	.34	.42	.31	.32	.37	.30	.24	.30
Subventions and grants, donations, gifts, and pension assessments	3.07	4.21	4.79	5.46	6.31	3.64	4.01	3.87
Highway privileges, rents of investment property and interest	2.43	3.32	2.77	4.34	2.74	1.50	1.03	.96
Earnings of general departments	1.34	1.83	1.86	2.09	2.46	1.56	1.43	1.47
Earnings of public-service enterprises	4.76	7.15	6.89	7.45	7.09	6.48	6.13	6.12
Governmental-cost payment for operation, maintenance, and interest	41.42	56.83	58.15	70.77	63.42	45.69	44.60	42.71
Operation and maintenance	35.90	48.29	49.86	60.41	54.76	39.04	38.64	37.24
General departments	33.15	44.53	46.18	56.38	50.76	35.90	35.18	33.89
General government	2.94	3.82	3.79	5.42	4.60	2.00	2.05	2.11
Protection to person and property	6.66	8.74	8.72	10.69	9.41	7.08	6.46	5.90
Health and sanitation	3.25	4.30	4.19	5.44	4.58	3.04	2.99	2.45
Highways	2.87	3.74	3.75	4.40	4.58	2.95	2.83	3.08
Charities, hospitals, and corrections	2.08	3.13	4.18	5.96	5.80	2.28	1.88	1.99
Education—								
Schools	12.50	16.31	16.78	17.97	16.80	15.30	16.17	15.54
Libraries	.41	.61	.61	.65	.79	.59	.51	.49
Recreation	1.09	1.61	1.63	2.07	1.85	1.20	1.08	1.06
Miscellaneous	1.34	2.28	2.51	3.78	2.34	1.39	1.22	1.27
Public-service enterprises	2.75	3.76	3.68	4.03	4.00	3.14	3.46	3.35
Interest	5.52	8.54	8.29	10.37	8.66	6.65	5.97	5.46
Excess of revenue receipts over payments for operation, maintenance, and interest	10.39	15.24	12.68	16.37	11.97	9.24	9.32	9.29

No. 216.—COMPARATIVE SUMMARY OF PER CAPITA NET REVENUE RECEIPTS, GOVERNMENTAL-COST PAYMENTS, AND DEBT OF 146 CITIES

NOTE.—See headnote, Table 201. Table includes all cities of 30,000 or more inhabitants in 1903

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	45.02	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	47.70	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 215 and 216: Bureau of the Census, Department of Commerce.

11. MONEY AND BANKING

No. 217.—COINAGE OF THE UNITED STATES MINTS: 1793 TO 1932

[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	1903	65,810	43,684	19,874	2,251
1801–1810	6,971	3,250	3,569	151	1904	250,782	233,402	15,696	1,684
1811–1820	9,328	3,166	5,970	191	1905	58,269	49,638	6,332	2,299
1821–1830	18,836	1,903	16,781	151	1906	92,335	78,793	10,651	2,891
1831–1840	46,463	18,777	27,343	342	1907	148,128	131,907	13,178	3,042
1841–1850	111,959	89,215	22,363	380	1908	145,499	131,639	12,392	1,469
1851–1855	237,390	214,142	22,972	276	1909	98,621	88,777	8,088	1,756
1856–1860	155,945	130,264	24,660	1,021	1910	111,505	104,724	3,744	3,037
1861–1865	185,015	175,093	7,146	2,775	1911	65,791	56,177	6,457	3,157
1866–1870	126,901	115,417	5,610	5,873	1912	27,417	17,499	7,341	2,577
1871–1875	201,346	168,074	31,833	1,438	1913	33,285	25,433	3,184	4,667
1876–1880	378,084	241,753	136,396	834	1914	61,750	53,453	6,084	2,208
1881–1885	390,384	243,745	142,657	3,981	1915	30,145	23,968	4,114	2,063
1886–1890	306,322	126,180	175,003	5,139	1916	33,743	18,525	8,881	6,338
1891–1895	328,750	260,109	63,861	4,729	1917	35,540	10	29,412	6,118
1896–1900	546,055	411,084	127,018	7,352	1918	31,446	----------	25,473	5,973
1901–1905	589,215	475,645	102,769	10,801	1919	20,778	----------	11,068	9,709
1906–1910	596,088	535,840	48,053	12,195	1920	50,214	16,990	25,057	8,167
1911–1915	218,388	176,535	27,180	14,672	1921	100,783	10,570	89,058	1,155
1916–1920	171,721	35,525	99,892	36,304	1922	105,077	80,680	84,325	72
1921–1925	826,838	535,005	281,167	10,666	1923	114,575	45,365	66,283	2,927
1926–1930	496,704	424,221	51,110	21,375	1924	229,947	206,010	21,627	2,310
1893	66,934	56,997	8,802	1,135	1925	216,457	192,380	19,874	4,203
1894	89,185	79,546	9,200	438	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	60,805	621	397
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					
1902	79,661	47,185	30,028	2,448	Total	6,082,396	4,514,183	1,426,980	141,233

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

No. 218.—MONEY IN CIRCULATION, BY KINDS

NOTE.—For total circulation for earlier years see Table 220

[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 coins	United States notes	Federal reserve notes	Federal reserve bank notes	National bank notes
June 30:												
1916	3,649.3	624.9	1,050.3	66.2	470.3	2.1	171.2	63.0	328.2	149.2	1.7	716.2
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	352.0	1.2	256.2	113.6	289.1	2,780.2	2.7	700.9
Dec. 31:												
1931	5,646.8	408.6	876.8	32.8	389.1	1.2	270.6	117.2	287.8	2,603.5	2.8	656.4
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

Source: Treasury Department.

No. 219.—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 1860 through the early 70's, are not complete and figures for gold and silver those years are only estimates. Figures beginning 1890 have been compiled on the basis of revised figures for June 30 of each year and therefore differ slightly from the monthly circulation statements. In 1927, data were revised to include minor coins beginning 1900 (no satisfactory data available for earlier years) and gold coin and bullion held abroad for Federal reserve banks and to exclude earmarked gold. Gold and silver certificates and Treasury notes of 1890 are not shown, since equivalent amounts held in trust against them are included in gold coin and bullion and silver dollars.

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	180,000		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	351,841	69,660	72,862	346,681				344,505	29.68
1882	1,409,398	506,758	122,789	74,429	346,681				358,742	35.96
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	588,697	208,539	74,940	346,681				318,577	38.29
1886	1,561,408	590,774	237,192	75,061	346,681				311,699	37.84
1887	1,633,413	654,520	277,446	75,548	346,681				279,218	40.07
1888	1,691,441	705,819	310,166	76,406	346,681				252,368	41.73
1889	1,658,672	680,004	343,947	76,602	346,681				211,379	41.00
1890	1,685,123	695,563	380,083	76,825	346,681				185,971	41.28
1891	1,677,794	646,583	438,754	77,849	346,681				167,928	38.54
1892	1,752,219	664,275	491,058	77,521	346,681				172,684	37.91
1893	1,738,808	597,698	538,301	77,415	346,681				178,714	34.37
1894	1,805,079	627,293	548,000	76,250	346,681				206,855	34.75
1895	1,819,360	636,256	547,777	76,954	346,681				211,691	34.97
1896	1,799,975	599,508	551,724	75,972	346,681				226,001	33.31
1897	1,906,770	696,239	556,590	75,818	346,681	Minor coins			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	563,097	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	573,043	102,035	346,681	32,935			413,671	45.95
1904	2,838,023	1,327,656	572,870	107,062	346,681	34,519			449,235	46.78
1905	2,919,494	1,357,656	568,229	114,824	346,681	36,384			495,720	46.50
1906	3,109,380	1,475,707	568,252	118,225	346,681	39,403			561,112	47.46
1907	3,158,111	1,466,389	568,250	130,452	346,681	42,550			603,789	46.43
1908	3,423,068	1,618,133	568,260	147,356	346,681	44,304			698,334	47.27
1909	3,451,521	1,642,042	568,277	159,409	346,681	45,193			689,920	47.57
1910	3,466,850	1,636,043	568,278	155,159	346,681	47,264			713,431	47.19
1911	3,606,989	1,753,197	568,279	159,607	346,681	51,028	Federal reserve notes	Federal reserve bank notes	728,195	48.61
1912	3,701,965	1,818,188	568,278	170,588	346,681	53,094			745,135	49.11
1913	3,777,021	1,870,762	568,273	175,196	346,681	56,951			759,158	49.53
1914	3,797,825	1,890,657	568,272	182,007	346,681	59,536			750,672	49.78
1915	4,050,783	1,985,539	568,272	185,430	346,681	61,327	84,261		819,274	49.02
1916	4,541,730	2,444,630	568,271	188,890	346,681	63,909	176,168	9,000	744,175	53.83
1917	5,078,774	3,220,242	568,270	198,275	346,681	69,088	547,408	12,790	715,420	50.71
1918	6,906,237	3,162,808	499,516	231,857	346,681	78,146	1,847,580	15,444	724,205	45.80
1919	7,088,413	3,113,306	308,146	242,870	346,681	82,909	2,687,557	187,667	719,277	40.49
1920	8,158,496	2,805,482	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	702,069	52.76
1927	8,667,282	4,587,298	537,044	295,590	346,681	113,295	2,077,473	4,854	704,146	52.93
1928	8,118,091	4,109,163	530,962	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	3,918,596	540,008	304,883	346,681	126,493	3,028,397	2,772	736,674	43.52
Dec. 31:										
1931	9,421,225	4,460,009	539,958	308,313	346,681	126,659	2,926,039	2,863	710,612	47.34
1932	9,704,030	4,513,001	540,008	306,694	346,681	126,607	2,987,015	2,694	881,331	46.51

[1] Does not include gold bullion and foreign coin outside of the vaults of the Treasury, Federal reserve banks, and Federal reserve agents, except gold held abroad for the account of Federal reserve banks.
[2] There has been no fractional currency in actual circulation to any extent since 1878.
[3] Silver bullion in Treasury.

Source: Treasury Department.

No. 220.—MONEY IN CIRCULATION, HELD IN TREASURY AND IN FEDERAL RESERVE SYSTEM, AND TOTAL STOCK

NOTE.—All figures except per capita in thousands of dollars. In conformity with revisions in the form of circulation statement in 1922 and 1927, figures for 1915 on have been compiled to include in the holdings of Federal reserve banks and agents, and, hence, in stock of money, gold bullion and foreign coin held by them and gold coin and bullion held abroad for the account of Federal reserve banks, and also to include in the holdings of Federal reserve banks and agents, and, hence, exclude from circulation, all forms of money held by them whether as reserve against Federal reserve notes or otherwise. As to other revisions, see headnote, Table 219. 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
1892	1,762,219	716,918	566,046	100,000		50,872		1,601,347	24.60
1893	1,738,808	702,429	560,322	96,520		45,587		1,596,701	24.07
1894	1,805,079	672,282	528,012	64,977		79,294		1,660,809	24.56
1895	1,819,360	701,339	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	22.02
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	2,063,391	152,979	526,295	116,731	816,365	4,066,404	39.05
1918	6,906,237	2,976,251	1,407,694	152,979	1,205,082	210,496	855,984	4,481,697	42.33
1919	7,688,413	2,907,812	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	[3]51.38
1921	8,174,528	2,921,089	919,643	152,979	1,537,857	310,610	1,262,089	4,910,992	[3]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	[3]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	[3]43.18
1924	8,846,542	4,248,438	1,628,130	152,979	2,260,891	206,429	1,376,935	4,849,307	[3]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	[3]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	[3]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	[3]40.90
1928	8,118,091	3,725,650	1,986,761	156,039	1,337,650	195,199	1,582,576	4,796,626	[3]39.97
1929	8,538,796	3,780,886	1,854,373	156,039	1,562,426	217,049	1,856,986	4,746,297	[3]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	3,403,122	1,979,137	156,039	1,235,737	122,209	1,795,349	5,695,171	45.63
Dec. 31:									
1931	9,421,225	4,089,914	2,246,928	156,039	1,564,819	122,129	1,931,465	5,646,773	45.38
1932	9,704,030	3,712,282	1,821,943	156,039	1,577,904	156,396	2,138,750	5,674,941	45.33

[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.

[3] Based on Treasury estimates of population revised in accordance with 1930 census enumeration.

Source: Treasury Department.

No. 221.—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, 1923	5,066,395	3,168,934	3,080,032	1,238,928	1,211,322	723,068	354,637	133,566
Dec. 31, 1924	5,096,380	3,047,054	2,936,533	1,302,336	1,240,438	314,128	387,100	540,100
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	380,986	314,820
Dec. 31, 1927	5,345,586	2,867,151	2,733,187	1,664,541	1,590,938	581,503	392,039	616,516
Dec. 31, 1928	5,351,543	2,708,840	2,584,232	1,808,679	1,783,485	1,056,466	489,070	228,064
Dec. 31, 1929	5,458,415	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
June 30, 1931	5,153,666	3,575,749	3,408,684	943,022	931,586	149,161	105,502	667,935
Dec. 31, 1931	5,072,325	3,157,662	2,988,892	1,853,402	1,825,088	638,293	338,687	816,960
June 30, 1932	5,014,722	2,776,617	2,577,809	2,309,804	2,205,519	439,990	66,594	1,733,721
Dec. 31, 1932	6,114,988	3,331,200	3,150,671	2,144,876	2,123,015	234,932	33,123	1,855,142
Boston:								
Dec. 31, 1929	460,831	283,984	267,212	85,263	83,372	26,644	20,878	25,850
Dec. 31, 1930	376,727	211,305	201,269	95,851	89,328	13,258	25,315	49,925
Dec. 31, 1931	448,253	230,799	213,444	141,035	130,768	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
New York:								
Dec. 31, 1929	1,662,216	830,242	749,860	625,545	609,860	171,759	191,745	239,206
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	1,063,473	1,016,088	804,378	799,642	53,601	9,780	733,354
Philadelphia:								
Dec. 31, 1929	398,019	216,192	203,721	120,277	117,123	65,777	8,540	41,806
Dec. 31, 1930	391,515	247,426	238,552	86,587	83,973	25,663	3,490	54,204
Dec. 31, 1931	490,445	242,941	227,704	197,375	194,739	116,412	4,065	68,652
Dec. 31, 1932	437,195	205,377	185,171	192,751	190,923	47,600	3,054	139,269
Cleveland:								
Dec. 31, 1929	475,005	262,877	254,250	132,723	131,197	76,719	23,499	29,479
Dec. 31, 1930	483,337	286,567	278,471	130,357	127,072	37,216	25,931	62,925
Dec. 31, 1931	560,004	338,076	324,980	174,190	171,421	92,609	5,561	73,251
Dec. 31, 1932	512,146	260,071	248,902	206,235	204,736	20,076	2,978	181,682
Richmond:								
Dec. 31, 1929	235,137	105,207	99,377	64,750	61,834	38,939	13,336	9,559
Dec. 31, 1930	215,941	120,124	113,220	49,569	47,699	22,766	10,936	13,907
Dec. 31, 1931	214,351	101,455	94,360	66,299	63,257	33,377	10,099	19,081
Dec. 31, 1932	202,301	97,482	89,319	66,399	65,208	16,209	1,807	47,132
Atlanta:								
Dec. 31, 1929	250,843	153,516	139,591	59,229	58,488	29,347	19,196	9,945
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	66,354	66,292	14,949	3,439	47,404
Chicago:								
Dec. 31, 1929	779,667	463,700	441,048	224,934	220,575	112,668	37,561	68,346
Dec. 31, 1930	632,857	375,462	363,871	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	288,878	281,143	14,969	3,964	262,210
St. Louis:								
Dec. 31, 1929	228,270	125,463	116,882	55,115	57,035	17,938	9,801	29,266
Dec. 31, 1930	196,820	113,632	104,320	46,360	48,472	11,301	10,788	26,383
Dec. 31, 1931	188,112	101,816	88,953	56,492	57,088	16,886	12,823	27,099
Dec. 31, 1932	200,114	101,113	91,297	73,028	73,467	6,338	973	66,156
Minneapolis:								
Dec. 31, 1929	148,839	95,197	92,466	34,803	33,806	10,177	6,636	16,873
Dec. 31, 1930	124,284	68,609	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	17,571	7,329	27,668
Dec. 31, 1932	141,031	58,994	53,891	65,567	65,477	9,604	612	54,850
Kansas City:								
Dec. 31, 1929	226,462	137,891	131,719	44,967	40,907	29,649	8,195	3,063
Dec. 31, 1930	199,078	99,571	92,371	63,609	59,024	15,042	12,971	31,611
Dec. 31, 1931	194,416	105,436	97,771	60,468	58,500	27,726	11,666	18,708
Dec. 31, 1932	190,234	93,820	87,058	71,410	69,619	11,512	855	57,252
Dallas:								
Dec. 31, 1929	153,089	71,149	66,803	47,668	47,378	13,291	9,209	24,878
Dec. 31, 1930	122,218	53,528	46,402	43,652	44,233	4,342	8,575	31,316
Dec. 31, 1931	126,054	61,975	54,029	43,740	43,209	10,416	3,019	29,864
Dec. 31, 1932	113,105	41,741	33,387	51,845	51,749	5,202	826	45,721
San Francisco:								
Dec. 31, 1929	440,061	305,510	294,113	86,628	85,942	39,513	34,613	11,816
Dec. 31, 1930	438,609	298,747	290,354	90,097	97,588	15,483	31,023	51,082
Dec. 31, 1931	429,110	272,287	263,474	131,314	127,436	30,742	32,014	62,810
Dec. 31, 1932	420,052	237,418	228,279	150,617	149,030	23,059	2,527	123,444

[1] Includes in addition to total bills and securities, amounts due from foreign banks and reserve bank float.
[2] Includes United States and other securities.
[3] Not available.

Source: Federal Reserve Board.

No. 222.—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 [1]	Reserve percentage
			Total	Members' reserve	Other deposits		
All Banks:							
Dec. 31, 1915	54,914		[2] 401,326	[3] 401,175	151	188,817	94.1
Dec. 31, 1920	99,821	202,036	1,861,498	1,780,679	80,819	3,336,281	43.3
Dec. 31, 1923	110,145	220,915	1,959,579	1,898,315	61,264	2,246,673	75.3
Dec. 31, 1924	112,038	217,337	2,310,668	2,220,436	90,232	1,862,062	73.0
Dec. 31, 1925	117,237	220,310	2,257,388	2,212,098	45,290	1,838,164	69.0
Dec. 31, 1926	124,814	228,775	2,275,979	2,194,094	81,885	1,850,827	71.4
Dec. 31, 1927	132,481	233,319	2,530,640	2,486,777	43,863	1,789,867	66.4
Dec. 31, 1928	146,936	254,398	2,439,686	2,388,964	50,722	1,838,194	63.3
Dec. 31, 1929	170,973	276,936	2,413,675	2,355,263	58,412	1,909,723	69.6
Dec. 31, 1930	169,640	274,036	2,517,133	2,470,583	46,550	1,663,538	73.7
June 30, 1931	168,188	274,036	2,503,655	2,380,518	123,137	1,723,434	84.6
Dec. 31, 1931	160,568	259,421	2,124,874	1,961,410	163,464	2,624,471	66.5
June 30, 1932	154,812	259,421	2,028,263	1,982,127	46,136	2,794,993	57.6
Dec. 31, 1932	151,292	278,599	2,560,895	2,509,490	51,395	2,738,608	62.9
Boston:							
Dec. 31, 1929	11,592	21,751	144,042	141,547	2,495	206,558	81.0
Dec. 31, 1930	11,877	21,299	152,255	150,936	1,319	132,035	74.3
Dec. 31, 1931	11,749	20,039	157,829	149,287	8,542	194,460	65.5
Dec. 31, 1932	10,856	20,460	121,718	119,420	2,298	195,960	71.8
New York:							
Dec. 31, 1929	67,301	80,001	1,004,370	985,791	18,579	318,971	60.5
Dec. 31, 1930	65,578	80,575	1,077,847	1,062,276	15,571	384,976	71.6
Dec. 31, 1931	61,039	75,077	862,003	795,065	67,053	574,186	61.4
Dec. 31, 1932	58,019	85,058	1,271,867	1,256,951	14,916	537,566	57.5
Philadelphia:							
Dec. 31, 1929	16,467	26,965	136,121	133,193	2,928	162,344	72.4
Dec. 31, 1930	16,793	27,065	144,604	142,539	2,065	153,727	82.9
Dec. 31, 1931	16,600	26,486	135,490	123,939	11,551	269,372	60.0
Dec. 31, 1932	16,045	29,242	124,575	121,686	2,889	238,125	56.6
Cleveland:							
Dec. 31, 1929	15,632	29,141	177,976	173,739	4,237	188,198	71.8
Dec. 31, 1930	15,813	28,971	191,889	186,377	5,512	194,948	74.1
Dec. 31, 1931	14,630	27,640	165,102	147,646	17,456	320,335	69.6
Dec. 31, 1932	14,101	28,294	152,951	146,559	6,392	285,386	59.3
Richmond:							
Dec. 31, 1929	6,072	12,496	67,309	64,742	2,567	98,670	63.4
Dec. 31, 1930	5,801	12,114	61,673	60,820	853	100,515	74.1
Dec. 31, 1931	5,478	11,483	52,570	47,256	5,314	109,347	62.7
Dec. 31, 1932	5,150	11,616	55,078	51,951	3,127	101,501	62.3
Atlanta:							
Dec. 31, 1929	5,384	10,857	65,753	62,895	2,858	143,084	73.5
Dec. 31, 1930	5,346	10,857	62,911	61,014	1,897	133,854	81.0
Dec. 31, 1931	5,158	10,449	51,354	46,368	4,986	120,626	67.2
Dec. 31, 1932	4,679	10,541	51,750	49,760	1,990	97,139	68.6
Chicago:							
Dec. 31, 1929	20,013	40,094	336,484	331,302	5,182	304,538	70.8
Dec. 31, 1930	20,145	39,936	365,152	360,832	4,320	139,162	74.5
Dec. 31, 1931	18,011	38,411	298,334	283,976	14,358	519,471	76.5
Dec. 31, 1932	16,157	39,497	416,028	409,360	6,668	692,150	76.8
St. Louis:							
Dec. 31, 1929	5,268	10,877	81,495	79,771	1,724	94,744	71.2
Dec. 31, 1930	5,053	10,562	71,351	69,521	1,830	84,599	72.9
Dec. 31, 1931	4,693	10,025	65,840	59,456	6,384	86,941	66.6
Dec. 31, 1932	4,360	10,186	64,355	62,027	2,328	103,930	60.1
Minneapolis:							
Dec. 31, 1929	3,091	7,143	59,398	56,861	2,537	66,856	75.4
Dec. 31, 1930	3,063	7,144	49,998	48,447	1,551	53,558	66.3
Dec. 31, 1931	2,951	6,356	49,912	45,827	4,085	69,130	67.1
Dec. 31, 1932	2,885	7,019	39,037	37,760	1,277	80,967	49.2
Kansas City:							
Dec. 31, 1929	4,286	9,162	88,289	86,408	1,881	89,434	77.6
Dec. 31, 1930	4,311	8,702	89,529	87,705	1,824	68,424	63.0
Dec. 31, 1931	4,185	8,124	79,028	75,229	3,799	82,711	65.2
Dec. 31, 1932	4,052	8,263	69,524	68,490	1,034	90,490	58.6
Dallas:							
Dec. 31, 1929	4,453	8,935	65,266	63,697	1,569	46,947	63.4
Dec. 31, 1930	4,356	8,936	58,498	57,533	965	31,901	59.2
Dec. 31, 1931	4,135	7,624	52,872	48,811	4,061	46,813	62.2
Dec. 31, 1932	3,910	8,719	48,148	46,779	1,369	38,783	48.0
San Francisco:							
Dec. 31, 1929	11,414	19,514	187,162	175,317	11,845	189,379	81.1
Dec. 31, 1930	11,504	18,475	191,426	182,583	8,843	185,830	79.2
Dec. 31, 1931	11,330	17,707	154,475	138,600	15,875	231,079	70.6
Dec. 31, 1932	10,478	19,701	145,854	138,747	7,107	226,611	63.7

[1] Federal reserve bank notes outstanding (net liability) on Dec. 31, 1920, $216,641,000; 1923, $471,000. None outstanding on other dates shown.

[2] Net deposits.

[3] Due to member banks—net.

Source: Federal Reserve Board.

No. 223.—FEDERAL RESERVE BANKS: Holdings of Acceptances Bought in Open Market and from Other Federal Reserve Banks, as of December 31

NOTE.—All figures in thousands of dollars. "All other bankers' acceptances" includes bills payable in foreign currencies in 1924 to 1932

Bank and year	Total	Bankers' acceptances, based on—							Trade acceptances, total
		Total	Imports	Exports	Goods stored abroad or in transit	Domestic transactions	Dollar exchange	All other	
All F. R. banks:									
1923	354,637	351,974		240,868		90,445	20,452	209	2,663
1924	387,100	386,873		284,620		94,556	6,882	815	227
1925	374,350	373,139		301,191		63,846	6,112	1,990	1,217
1926	380,986	379,728	131,907	129,335	37,714	77,698	8,434	3,640	1,258
1927	392,039	391,337	84,624	113,210	81,242	95,795	6,195	5,271	702
1928	489,069	488,532	108,431	131,386	143,123	90,664	8,707	6,221	537
1929	392,209	392,209	56,506	77,068	146,881	94,222	15,562	2,970	
1930	363,844	363,844	38,672	58,071	131,502	81,121	12,341	42,137	
1931	338,687	338,687	43,047	55,247	103,582	84,009	13,675	39,127	
1932	33,123	33,123	183	477	696	2,228		29,539	
Boston	2,248	2,248						2,248	
New York	9,780	9,780			100			9,680	
Philadelphia	3,054	3,054	7					3,047	
Cleveland	2,978	2,978						2,978	
Richmond	1,807	1,807	40	18	544	35		1,230	
Atlanta	3,439	3,439	105	187		2,056		1,091	
Chicago	3,964	3,964						3,964	
St. Louis	973	973						973	
Minneapolis	612	612						612	
Kansas City	855	855						855	
Dallas	826	826						826	
San Francisco	2,527	2,527	31	272	52	137		2,035	

No. 224.—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:				
1923	133.6	29.5	87.0	17.1	1930	7.9	.5	4.4	3.0
1924	540.2	75.3	349.4	115.5	1931	13.9	6.5	.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	Chicago:				
1927	616.5	291.0	68.9	256.7	1930	89.6	30.9	22.5	36.2
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	282.2	40.8	34.3	187.1
1930	729.5	163.8	226.5	339.2	St. Louis:				
1931	817.0	369.4	33.0	423.6	1930	26.4	1.2	15.1	10.1
1932	1,855.1	421.9	299.7	1,133.6	1931	27.1	11.4	.8	14.9
Boston:					1932	66.2	13.9	11.3	40.9
1930	49.9	3.9	18.0	28.1	Minneapolis:				
1931	61.0	27.9	2.0	31.1	1930	27.3	5.9	10.2	11.2
1932	96.7	20.3	16.5	59.8	1931	27.7	15.8	.6	11.2
New York:					1932	54.9	17.4	8.1	29.3
1930	283.3	89.2	58.3	135.8	Kansas City:				
1931	309.4	114.7	18.3	176.4	1930	31.6	2.1	11.6	18.0
1932	733.4	187.3	118.7	427.4	1931	18.7	7.7	.5	10.5
Philadelphia:					1932	57.3	11.8	9.8	35.6
1930	54.2	3.3	22.5	28.4	Dallas:				
1931	68.7	33.7	1.8	33.1	1930	31.3	11.4	7.8	12.1
1932	139.3	31.2	23.4	84.7	1931	29.9	18.0	.5	11.3
Cleveland:					1932	45.7	17.3	6.2	22.3
1930	62.9	3.6	29.3	30.0	San Francisco:				
1931	73.3	31.3	2.3	39.6	1930	51.1	9.8	22.1	19.2
1932	181.7	36.7	33.9	111.1	1931	62.8	32.1	2.4	28.4
Richmond:					1932	123.4	25.3	21.3	76.9
1930	13.9	2.0	4.7	7.2					
1931	19.1	7.8	.6	10.7					
1932	47.1	9.6	8.1	29.4					

Source of Tables 223 and 224: Federal Reserve Board.

No. 225.—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. 30, 1920	2,719,134	1,521,540	17,218	21,427	271,526	869,510	17,907	----------	----------
Dec. 31, 1921	1,144,346	631,038	333	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	581,503	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	----------	1,413	449	88,989	62,297	----------	----------
Dec. 31, 1931	638,203	212,550	----------	2,355	3,591	317,535	102,262	----------	----------
Dec. 31, 1932	234,932	89,763	116	1,422	1,000	60,000	67,958	13,972	701
Boston	11,813	3,921	----------	14	13	3,073	4,770	22	----------
New York	53,601	4,502	----------	219	28	25,304	21,254	2,829	465
Philadelphia	47,600	17,644	----------	243	49	11,100	18,418	143	3
Cleveland	20,076	10,256	----------	586	407	6,680	2,147	----------	----------
Richmond	16,209	11,446	----------	98	80	2,176	2,409	----------	----------
Atlanta	14,949	9,480	116	99	136	927	2,678	1,424	89
Chicago	14,969	10,808	----------	47	134	3,079	301	----------	----------
St. Louis	6,338	188	----------	----------	28	3,953	2,169	----------	----------
Minneapolis	9,604	6,695	----------	23	69	283	2,436	----------	98
Kansas City	11,512	8,195	----------	5	36	429	2,800	----------	46
Dallas	5,202	3,565	----------	----------	----------	572	1,065	----------	----------
San Francisco	23,059	3,063	----------	87	20	1,824	8,511	9,554	----------

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[2]
All Federal reserve banks:							
Dec. 30, 1920	2,719,134	1,632,885	280,406	430,676	311,619	63,548	13.29
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	612,060	64,310	84,069	66,514	29,598	9.89
Dec. 31, 1924	314,128	241,603	13,335	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	537,182	18,330	26,892	18,617	7,888	7.58
Dec. 26, 1928	1,167,579	1,012,581	38,749	59,509	38,016	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	1,024,133	851,558	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
Boston	13,383	10,561	815	1,337	513	157	10.03
New York	60,209	54,770	1,375	3,031	884	149	8.73
Philadelphia	49,755	37,447	4,496	4,777	2,918	117	11.82
Cleveland	26,176	14,225	3,852	4,222	3,380	497	14.21
Richmond	16,528	7,764	2,423	3,701	2,208	432	6.46
Atlanta	24,580	16,044	2,603	3,015	2,671	247	23.52
Chicago	17,063	7,171	1,902	3,366	2,762	1,862	18.22
St. Louis	7,016	6,841	34	43	18	80	8.70
Minneapolis	10,430	4,166	600	1,047	1,392	3,225	33.96
Kansas City	11,860	4,518	881	1,652	1,639	3,170	31.44
Dallas	5,265	2,470	521	867	518	789	32.25
San Francisco	25,117	21,604	686	1,955	609	272	8.11

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

Source: Federal Reserve Board.

No. 226.—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	1929 [1]	1930 [1]	1931 [1]	1932 [1]	Division and State	1929 [1]	1930 [1]	1931 [1]	1932 [1]
United States	971, 283	274, 666	335, 172	502, 251	South Atlantic—Contd.				
New England	73, 660	17, 819	17, 722	27, 040	Virginia	18, 815	7, 785	6, 805	9, 596
Maine	2, 416	1, 050	1, 509	3, 450	West Virginia	5, 985	4, 089	4, 749	5, 230
New Hampshire	2, 516	1, 598	1, 452	2, 558	North Carolina	13, 825	5, 801	6, 654	3, 948
Vermont	1, 407	1, 172	964	2, 556	South Carolina	4, 023	1, 424	2, 465	2, 905
Massachusetts	53, 606	9, 997	9, 264	12, 764	Georgia	11, 682	4, 167	4, 445	6, 903
Rhode Island	7, 116	477	811	801	Florida	5, 042	1, 546	966	888
Connecticut	6, 599	3, 525	3, 722	5, 511	East South Central	52, 417	21, 719	16, 930	18, 247
Middle Atlantic	372, 350	101, 317	125, 166	187, 166	Kentucky	19, 073	3, 393	3, 883	3, 404
New York	317, 621	51, 335	52, 394	69, 380	Tennessee	12, 205	6, 900	5, 354	6, 720
New Jersey	36, 963	15, 244	24, 292	47, 769	Alabama	16, 593	6, 693	5, 912	6, 611
Pennsylvania	117, 766	34, 738	48, 480	70, 007	Mississippi	3, 946	4, 733	1, 781	1, 512
East North Central	190, 778	46, 903	58, 910	81, 866	West South Central	54, 852	22, 049	24, 706	24, 689
Ohio	52, 368	16, 711	26, 924	41, 423	Arkansas	4, 476	3, 444	2, 102	1, 243
Indiana	12, 820	5, 268	4, 065	5, 695	Louisiana	18, 149	5, 702	7, 821	8, 965
Illinois	63, 180	8, 694	7, 344	11, 479	Oklahoma	8, 190	3, 930	4, 366	4, 135
Michigan	46, 245	12, 546	17, 230	18, 676	Texas	24, 037	8, 973	10, 417	10, 346
Wisconsin	16, 165	3, 684	3, 338	4, 593	Mountain	7, 937	5, 274	5, 498	13, 431
West North Central	75, 733	17, 771	21, 794	33, 779	Montana	766	765	752	1, 853
Minnesota	18, 764	1, 144	1, 574	4, 041	Idaho	325	389	539	1, 203
Iowa	6, 589	2, 782	3, 189	4, 855	Wyoming	489	483	669	1, 857
Missouri	31, 300	5, 203	6, 968	8, 772	Colorado	3, 547	1, 894	1, 659	3, 343
North Dakota	847	745	707	1, 341	New Mexico	895	346	601	1, 275
South Dakota	688	951	1, 605	3, 354	Arizona	64	33	87	542
Nebraska	10, 926	3, 400	5, 387	6, 484	Utah	2, 351	1, 350	1, 146	2, 801
Kansas	6, 619	3, 486	3, 064	4, 932	Nevada		14	45	557
South Atlantic	73, 068	28, 094	30, 998	36, 729	Pacific	70, 488	13, 620	33, 448	78, 714
Delaware	1, 040	714	670	736	Washington	5, 426	2, 386	2, 120	6, 859
Maryland	8, 474	2, 042	3, 110	4, 491	Oregon	3, 684	2, 570	1, 584	3, 131
Dist. of Col.	4, 282	526	1, 226	2, 032	California	61, 378	8, 664	29, 735	68, 724

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

	1929	1930	1931	1932		1929	1930	1931	1932
Minnesota	48		320	367	Louisiana	542	8	389	467
Missouri			6		Texas	109			
Nebraska	816	91	214	503	Washington	1, 043	73	368	191
Kansas	2, 086	200	281	415	California	1, 524	247	411	280
South Carolina	262	63	683	592					

No. 227.—FEDERAL RESERVE GOLD SETTLEMENT FUND: SUMMARY OF TRANSACTIONS THROUGH THE FUND, 1917 TO 1932

[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				
1917	169.7	24, 319.1	(1)	2, 643.8	1, 235.7	1, 377.6	311.6
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, 885.5	357.3
1921	357.3	64, 934.8	(1)	3, 289.1	2, 303.2	2, 468.0	522.1
1923	522.1	75, 336.0	(1)	1, 154.0	1, 703.0	1, 825.3	554.4
1924	554.4	89, 614.7	(1)	1, 039.2	1, 764.3	1, 781.1	571.1
1925	571.1	97, 698.3	(1)	919.6	1, 921.8	2, 030.2	679.5
1926	679.5	108, 289.5	(1)	909.0	1, 779.0	1, 788.6	689.2
1927	689.2	115, 455.3	635.8	1, 043.4	3, 029.2	3, 005.3	665.3
1928	665.3	123, 031.5	673.2	1, 436.7	3, 797.3	3, 660.3	528.2
1929	528.2	132, 525.2	658.4	1, 172.6	2, 855.6	3, 014.4	687.0
1930	687.0	145, 132.4	758.7	1, 052.1	3, 160.3	2, 984.6	511.2
1931	511.2	151, 458.3	669.4	1, 530.2	2, 093.8	1, 970.0	417.4
1932	417.4	124, 137.3	540.1	1, 905.0	2, 729.0	2, 625.7	314.1
	314.1	89, 527.6	545.4	1, 648.4	4, 156.6	4, 182.8	340.3

[1] Included in transit clearings.

Source of Tables 226 and 227: Federal Reserve Board.

No. 228.—FEDERAL RESERVE GOLD SETTLEMENT FUND: SUMMARY OF TRANSACTIONS THROUGH THE FUND, BY DISTRICTS, 1932

[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	314.1	89,527.6	89,527.6	545.4	545.4	1,648.4	1,648.4	4,156.6	4,182.8	340.3
Boston	40.3	8,298.5	8,376.5	50.7	48.8	147.3	67.2	260.5	238.7	14.4
New York	81.4	30,627.9	31,853.7	130.6	143.3	1,004.3	244.9	2,156.3	1,759.7	103.8
Philadelphia	14.3	6,662.9	6,721.7	65.8	57.5	148.0	42.3	171.3	232.5	20.3
Cleveland	42.2	6,034.4	5,892.2	63.8	36.9	34.6	111.5	106.4	187.5	31.2
Richmond	7.8	6,437.5	6,408.2	30.0	38.4	84.5	76.2	126.6	159.1	11.1
Atlanta	7.4	2,556.1	2,432.5	23.8	37.0	32.0	93.9	127.9	177.2	8.2
Chicago	50.5	13,320.0	13,062.9	77.0	74.3	52.5	440.5	635.4	549.5	92.7
St. Louis	9.6	4,090.6	3,935.6	25.9	35.1	7.4	122.5	173.7	208.8	14.0
Minneapolis	9.4	1,459.5	1,344.0	19.1	15.1	5.5	86.1	50.3	87.6	7.8
Kansas City	15.7	3,411.5	3,242.5	24.0	21.3	7.5	132.8	48.0	92.5	13.9
Dallas	8.9	2,821.7	2,821.0	12.8	12.3	46.5	10.8	77.3	106.5	7.2
San Francisco	26.6	3,806.9	3,436.7	21.9	25.5	18.4	213.3	222.3	333.2	15.8

Source: Federal Reserve Board.

No. 229.—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	1,598.5	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
Boston	100.6	----------	----------	221.1	254.5	134.0
New York	----------	----------	----------	1,147.0	1,281.0	134.0
Philadelphia	125.3	----------	----------	218.0	166.4	73.7
Cleveland	188.0	----------	1.0	168.0	100.5	121.5
Richmond	67.6	----------	----------	134.6	121.5	54.6
Atlanta	78.3	----------	----------	150.5	120.2	48.0
Chicago	383.0	----------	3.0	436.0	487.0	437.0
St. Louis	49.7	----------	----------	173.3	172.9	49.3
Minneapolis	49.3	----------	----------	68.0	46.7	28.0
Kansas City	56.8	----------	----------	52.0	47.0	51.8
Dallas	28.4	----------	----------	95.2	75.2	8.4
San Francisco	123.8	----------	----------	238.0	211.5	97.3

[1] Withdrawals from and deposits in the Federal reserve agents' gold fund, other than transfers to or from bank, practically ceased with the discontinuance of the agents' gold redemption fund in August, 1929.

Source: Federal Reserve Board.

No. 230.—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:									
1925	32,562.6	2,961.2	11,557.0	411.2	258,611.3	680.9	6,117.0	5,579.0	109,430.7
1926	37,682.1	3,353.8	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	451.1	301,703.8	543.4	7,414.4	9,002.4	148,749.0
1929	60,747.1	3,587.5	14,782.4	478.2	367,215.1	535.6	7,185.4	7,018.8	170,789.7
1930	14,067.1	3,873.7	14,262.8	537.5	324,883.0	499.1	7,628.0	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
Boston	667.8	49.9	1,264.4	30.6	11,192.7	34.5	642.6	915.0	8,661.7
New York	4,912.3	356.4	3,545.5	165.0	70,642.2	256.2	1,970.7	13,416.1	49,476.3
Philadelphia	2,602.9	39.3	893.6	34.5	17,855.8	31.5	385.2	710.6	4,981.1
Cleveland	1,889.4	40.4	593.3	11.3	14,349.5	55.3	332.2	312.8	4,221.2
Richmond	1,622.2	28.3	441.3	13.6	7,809.3	12.1	203.3	250.6	4,201.2
Atlanta	691.8	20.5	389.7	8.3	5,821.7	7.1	128.5	196.1	1,589.2
Chicago	1,054.3	73.7	2,184.8	27.9	17,601.5	64.1	803.5	2,448.5	20,378.0
St. Louis	658.6	20.0	378.0	10.0	8,012.2	17.1	259.5	284.8	2,545.7
Minneapolis	*145.5*	*13.4*	163.2	3.4	2,907.3	7.9	*155.1*	*144.3*	*1,715.0*
Kansas City	348.6	19.8	238.2	10.7	6,326.0	15.6	192.4	248.5	3,580.2
Dallas	166.1	17.1	176.5	7.9	4,466.0	5.0	137.1	212.3	3,416.2
San Francisco	3,990.8	75.0	774.1	37.1	9,617.6	22.7	217.7	506.2	10,274.2

No. 231.—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:							
1925	3,594,053	2,649,136	60,989,227	94,754	1,023,263	18,510,551	195,249
1926	4,499,314	2,879,738	64,716,081	89,637	1,138,245	20,210,569	183,946
1927	4,071,580	2,809,240	64,724,395	79,933	1,150,370	22,240,987	334,349
1928	7,524,102	2,966,956	68,273,066	78,564	1,227,049	25,780,961	324,200
1929	8,601,344	3,293,274	72,034,805	70,570	1,227,485	*28,975,751*	*271,418*
1930	2,438,301	3,124,304	62,834,966	74,052	1,088,691	33,111,377	211,848
1931	2,760,613	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	226,106
No. 2. Buffalo	821,129	212,202	1,773,397	1,870	47,184	1,245,185	1,719
No. 4. Cincinnati		103,937	2,229,500	13,339	46,924	381,683	20,985
Pittsburgh		176,903	6,878,332	14,625	32,964	1,018,927	17,263
No. 5. Baltimore	766,019	227,600	2,563,133	7,025	96,135	938,166	73,823
Charlotte		49,679	827,324	413	22,125	659,806	
No. 6. Birmingham		32,468	693,960	219	6,898	66,106	
Jacksonville		65,873	1,012,939	1,258	16,508	149,664	
Nashville		42,875	781,119	330	33,535	64,914	
New Orleans	284,026	98,154	1,065,998	2,234	30,347	490,259	30,873
No. 7. Detroit	592,395	408,409	3,359,771	6,982	78,214	6,942,347	11,566
No. 8. Little Rock	32,066	25,056	393,746	396	20,984	179,030	253
Louisville	286,893	69,848	1,451,281	3,012	41,414	467,773	3,142
Memphis	35,417	49,725	621,696	726	32,152	358,667	1,710
No. 9. Helena	18,039	*13,430*	*245,216*	435	*5,988*	66,284	*10*
No. 10. Denver	99,192	46,733	1,162,939	3,815	32,256	553,933	9,274
Oklahoma City		30,192	1,232,891	482	22,181	155,799	326
Omaha	68,516	38,109	1,006,323	2,223	54,218	679,958	7,201
No. 11. El Paso	10,594	19,564	270,606	319	7,999	182,238	
Houston	14,990	34,302	824,570	931	40,046	1,021,494	
San Antonio	14,036	36,136	568,196	685	23,185	334,676	
No. 12. Los Angeles	97,933	524,057	2,534,053	7,570	*49,020*	*2,256,933*	*38,858*
Portland	97,442	38,247	867,050	1,889	23,240	495,010	1,440
Salt Lake City	260,408	35,102	556,432	853	24,279	342,557	447
Seattle	445,730	73,521	785,302	1,714	16,992	1,020,859	5,579
Spokane	61,178	14,715	337,309	613	9,575	157,747	1,630

Source of Tables 230 and 231: Federal Reserve Board.

No. 232.—FEDERAL RESERVE BANKS: DISCOUNT RATES ON ALL CLASSES OF DISCOUNTED BILLS, JANUARY 1, 1922, TO DECEMBER 31, 1932

NOTE.—In 1914 to 1921 different rates were generally in effect for different classes of bills. The rates for each class are shown in Table 249, Statistical Abstract, 1928, and the average rate for all classes combined in Table 254, Statistical Abstract, 1930. Beginning 1922, the same rate applied to all classes and maturities of paper with the few exceptions noted

Date effective [1]	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
In effect Jan. 1, 1922	4½	4½	4½	5	5	5	5	5	5½	5	5½	5
1922—Jan. (11, 9, 23)	----	----	----	----	----	----	----	----	5	----	5	4½
Mar. (15, 25)	----	----	----	----	----	4½	4½	----	----	----	----	----
Apr. (14, 6)	----	----	----	----	4½	----	----	4½	----	----	----	----
June (23, 22)	4	4	----	----	----	----	----	----	----	----	----	----
July (12, 8)	----	----	----	----	----	----	----	----	----	----	4½	4
Aug. (15, 12)	----	----	----	----	----	----	----	----	4½	4½	----	----
1923—Feb. 23	[2] 4½	4½	----	----	----	----	----	----	----	----	----	----
Mar. 6	----	----	----	----	----	----	----	----	----	----	----	4½
1924—May 1	----	4	----	----	----	----	----	----	----	----	----	----
June (12, 12, 19, 2, 14, 18, 14, 19, 10)	3½	3½	[3] 3½	4	4	4	4	4	----	----	----	4
July (1, 16)	----	----	----	----	----	----	----	----	----	4	4	----
Aug. (8, 15, 25)	----	3	----	3½	----	----	----	----	----	----	----	3½
Oct. 15	----	----	----	----	----	----	----	----	4	----	----	----
1925—Feb. 27	----	3½	----	----	----	----	----	----	----	----	----	----
Nov. (10, 20, 17, 23)	4	----	4	4	----	----	----	----	----	----	----	4
1926—Jan. 8	----	4	----	----	----	----	----	----	----	----	----	----
Apr. 23	----	3½	----	----	----	----	----	----	----	----	----	----
Aug. 13	----	4	----	----	----	----	----	----	----	----	----	----
1927—July 29	----	----	----	----	----	----	----	----	----	3½	----	----
Aug. (5, 5, 6, 16, 13, 4, 12)	3½	3½	----	3½	3½	3½	----	3½	----	----	3½	----
Sept. (8, 7, 13, 10)	----	----	3½	----	----	----	3½	----	3½	----	----	3½
1928—Jan. (27, 25)	----	----	----	----	4	----	4	----	----	----	----	----
Feb. (8, 3, 16, 11, 21, 7, 10, 8, 4)	4	4	4	----	----	4	----	4	4	4	4	4
Mar. 1	----	----	----	4	----	----	----	----	----	----	----	----
Apr. (20, 24, 20, 23, 25)	4½	----	----	----	4½	----	4½	4½	4½	----	----	----
May (18, 17, 25, 26, 7)	----	4½	4½	4½	----	4½	----	----	----	----	4½	----
June (7, 2)	----	----	----	----	----	----	----	----	----	4½	----	4½
July (19, 13, 26, 13, 14, 11, 10)	5	5	5	----	5	5	5	5	----	----	----	----
Aug. 1	----	----	----	5	----	----	----	----	----	----	----	----
1929—Mar. 2	----	----	----	----	----	----	----	----	----	----	5	----
May (14, 6, 20)	----	----	----	----	----	----	----	----	5	5	----	5
Aug. 9	----	6	----	----	----	----	----	----	----	----	----	----
Nov. (21, 15, 23)	4½	[4] 4½	----	----	----	----	4½	----	----	----	----	----
Dec. (10, 20, 6)	----	----	----	----	4½	----	----	----	----	4½	----	4½
1930—Jan. 16	----	----	4½	----	----	----	----	----	----	----	----	----
Feb. (13, 7, 8, 7, 8, 11, 8, 15, 8)	4	4	----	4½	4½	----	4	4½	4½	4	4½	----
Mar. (14, 20, 15, 21)	----	3½	4	4	----	----	----	----	----	----	----	4
Apr. (11, 12, 12, 15, 8)	----	----	----	----	4	4	----	4	4	----	4	----
May (8, 2)	3½	3	----	----	----	----	----	----	----	----	----	----
June (20, 7, 21)	----	2½	----	3½	----	----	3½	----	----	----	----	----
July (3, 3, 18, 12)	3	----	3½	----	3½	3½	----	----	----	----	----	3½
Aug. (7, 15, 8)	----	----	----	----	----	----	----	3½	----	3½	----	----
Sept. (12, 9)	----	----	----	----	----	----	----	----	3½	----	3½	----
Dec. (24, 20)	----	2	----	3	----	----	----	----	----	----	----	----
1931—Jan. (2, 10, 10, 8, 9)	2½	----	----	----	----	3	3	3	----	----	----	3
May (7, 8, 7, 9, 15, 9, 9, 21, 8, 22)	2	1½	3	2½	3	----	2½	2½	----	3	3	2½
Oct. (17, 16, 22, 24, 20, 17, 22, 23, 21, 21)	[5] 3½	[6] 3½	3½	[7] 3½	4	----	3½	3½	----	3½	4	3½
Nov. 14	----	----	----	----	----	3½	----	----	----	----	----	----
1932—Jan. (25, 28)	----	----	----	----	3½	----	----	----	----	----	3½	----
Feb. 20	----	3	----	----	----	----	----	----	----	----	----	----
June (24, 25)	----	2½	----	----	----	----	2½	----	----	----	----	----

[1] Where 2 or more districts changed their rate during a given month, the days of the month when the rates became effective are given in parenthesis in the order in which the districts concerned are named; for example, in January, 1922, the rate of 5 per cent became effective for Minneapolis on the 11th, and for Dallas on the 9th; of 4½ per cent for San Francisco on the 23d.

[2] 5 per cent on 6–9 month agricultural and livestock paper from Apr. 7, 1923, to June 11, 1924, inclusive.

[3] 5 per cent on 6–9 month agricultural and livestock paper from Apr. 19, 1923, to June 25, 1924, inclusive; 4½ per cent on 91-day to 6-month agricultural and livestock paper from June 19 to June 25, 1924.

[4] Rate changed to 5 on Nov. 1 and 4½ on Nov. 15. [5] Rate changed to 2½ on Oct. 10 and 3½ on Oct. 17.

[6] Rate changed to 2½ on Oct. 9 and 3½ on Oct. 16. [7] Rate changed to 3 on Oct. 10 and 3½ on Oct. 24.

Source: Federal Reserve Board.

No. 233.—FEDERAL RESERVE BANKS: AVERAGE ANNUAL RATE OF EARNINGS ON BILLS AND SECURITIES

NOTE.—Rate on "All classes" covers, besides classes specified, earnings on a small amount of municipal warrants, Federal intermediate credit bank debentures, Federal land bank bonds, and foreign loans on gold

Bank and year	Average annual rate (per cent) on—			
	All classes	Discounted bills	Purchased bills	U. S. securities
All banks:				
1919	4.04	4.23	4.30	2.26
1920	5.50	5.88	5.66	2.21
1921	5.61	6.07	5.70	2.37
1922	4.11	4.63	3.54	3.67
1923	4.33	4.46	4.14	4.01
1924	3.83	4.25	3.31	3.67
1925	3.51	3.67	3.17	3.56
1926	3.76	3.95	3.55	3.60
1927	3.60	3.83	3.49	3.41
1928	4.24	4.56	3.97	3.64
1929	4.86	5.03	5.00	3.93
1930	3.25	3.93	2.85	3.06
1931	2.20	3.01	2.04	1.86
1932	2.33	3.43	3.93	1.84
Boston:				
1930	3.06	3.69	2.61	2.96
1931	1.91	2.78	1.97	1.62
1932	2.23	3.53	4.13	1.73
New York:				
1930	3.00	3.26	2.86	2.94
1931	1.99	2.41	2.17	1.76
1932	2.15	3.08	3.89	1.89
Philadelphia:				
1930	3.52	4.18	3.48	3.12
1931	2.59	3.32	4.33	1.82
1932	2.59	3.58	4.84	1.83
Cleveland:				
1930	3.37	4.21	2.84	3.04
1931	2.22	3.09	2.03	1.75
1932	2.39	3.53	4.66	1.81
Richmond:				
1930	3.44	4.08	2.84	2.88
1931	2.37	3.42	1.82	1.56
1932	2.64	3.61	3.84	1.79
Atlanta:				
1930	3.57	4.02	3.01	3.12
1931	2.41	3.12	1.85	1.79
1932	2.69	3.55	3.33	1.78
Chicago:				
1930	3.37	4.12	2.76	3.23
1931	2.30	3.10	2.01	2.14
1932	2.04	3.25	3.88	1.71
St. Louis:				
1930	3.60	4.09	2.93	3.53
1931	2.22	3.00	1.72	2.04
1932	2.27	3.50	3.91	1.83
Minneapolis:				
1930	3.31	4.31	2.90	3.28
1931	2.30	3.50	1.75	2.23
1932	2.46	3.52	4.02	2.11
Kansas City:				
1930	3.27	4.22	2.59	2.80
1931	2.12	3.33	1.76	1.62
1932	2.49	3.52	3.79	1.80
Dallas:				
1930	3.40	4.28	2.94	3.21
1931	2.49	3.41	1.96	2.23
1932	2.65	3.64	4.10	2.20
San Francisco:				
1930	3.19	4.04	2.89	3.07
1931	2.31	3.04	1.88	1.93
1932	2.74	3.63	3.59	1.80

No. 234.—FEDERAL RESERVE BANKS: PROFIT AND LOSS ACCOUNT

[All figures in thousands of dollars]

Bank and year	Gross earnings	Net earnings[1]	Dividend payments	Franchise tax to Government	Carried to surplus	Capital and surplus, Dec. 31
All Federal reserve banks:						
1922	50,499	16,498	6,307	10,851	[2] 660	325,640
1923	50,709	12,711	6,553	3,613	2,546	331,060
1924	38,540	3,718	6,682	114	[2] 3,078	329,875
1925	41,801	9,449	6,916	59	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	54,053	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	10,209	17	[2] 2,398	444,270
1931	29,701	2,972	10,032		[2 3] 7,658	419,930
1932	50,019	22,314	9,282	2,011	[3] 11,021	429,891
Boston	2,774	687	676		11	31,316
New York	15,949	10,405	3,562		6,843	143,677
Philadelphia	5,001	3,271	973		2,207	45,287
Cleveland	5,129	1,871	858	833	180	42,395
Richmond	1,871	314	314			16,766
Atlanta	2,003	293	293			15,223
Chicago	5,014	2,243	1,030	1,091	121	55,854
St. Louis	1,625	243	269		[2] 25	14,545
Minneapolis	1,435	272	175	87	10	9,904
Kansas City	2,022	245	245			12,315
Dallas	1,307	164	238		[2] 74	12,629
San Francisco	5,289	2,306	649		1,658	30,170

[1] Net earnings available for dividends, franchise tax, and surplus. [2] Withdrawn from surplus account.
[3] Exclusive of a reserve of $8,158,000 for depreciation on U.S. bonds charged to surplus and returned direct to surplus at the end of 1931 and 1932, respectively.

Source of Tables 233 and 234: Federal Reserve Board.

No. 235.—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. The number of reporting banks was 804 in March, 1922, and 423 at the end of 1932, the reduction being due almost entirely to consolidations

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					
1922:									
March	14,617	11,034	3,641	7,393	3,583	10,391	3,138	1,318	264
June	15,242	11,024	3,909	7,115	4,218	11,138	3,349	1,405	130
September	15,446	11,066	3,908	7,158	4,379	11,076	3,604	1,357	145
December	16,006	11,445	4,123	7,322	4,561	11,140	3,720	1,383	392
1923:									
March	16,368	11,796	4,116	7,680	4,572	11,284	3,928	1,404	417
June	16,428	11,905	4,157	7,748	4,522	11,176	4,020	1,400	466
September	16,305	11,930	4,028	7,903	4,375	10,991	4,035	1,360	545
December	16,318	11,985	4,142	7,843	4,333	11,127	4,083	1,382	502
1924:									
March	16,443	12,138	4,181	7,956	4,306	11,282	4,227	1,435	245
June	16,810	12,249	4,310	7,939	4,567	11,773	4,391	1,539	131
September	17,757	12,726	4,675	8,049	5,032	12,630	4,632	1,645	83
December	18,465	13,087	4,917	8,170	5,378	13,194	4,855	1,691	145
1925:									
March	18,523	13,320	5,122	8,198	5,204	12,866	5,006	1,627	234
June	18,641	13,375	5,289	8,085	5,266	12,805	5,202	1,622	288
September	18,978	13,797	5,447	8,349	5,181	12,892	5,230	1,639	403
December	19,413	14,248	5,843	8,405	5,165	13,173	5,357	1,685	491
1926:									
March	19,420	14,172	5,652	8,521	5,248	12,917	5,497	1,649	372
June	19,590	14,235	5,693	8,541	5,362	13,074	5,641	1,664	252
September	19,775	14,498	5,847	8,652	5,277	13,024	5,722	1,674	428
December	19,742	14,573	5,771	8,807	5,165	13,032	5,768	1,680	447
1927:									
March	19,989	14,536	5,867	8,670	5,453	13,034	5,989	1,665	268
June	20,506	14,849	6,220	8,628	5,658	13,414	6,103	1,744	268
September	20,653	15,066	6,298	8,768	5,587	13,340	6,269	1,703	267
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:									
January	22,660	15,894	7,495	8,399	6,766	13,763	7,073	1,846	82
February	22,659	15,557	7,315	8,242	7,102	13,626	7,213	1,792	57
March	22,839	15,452	7,302	8,150	7,387	13,678	7,266	1,811	35
April	22,942	15,197	7,157	8,040	7,745	13,731	7,328	1,799	26
May	22,713	14,891	6,998	7,893	7,822	13,692	7,407	1,836	28
June	22,439	14,623	6,770	7,853	7,816	13,425	7,258	1,827	56
July	22,393	14,595	6,631	7,964	7,798	13,576	7,151	1,843	44
August	22,093	14,380	6,480	7,900	7,713	13,290	7,070	1,795	75
September	22,078	14,283	6,413	7,870	7,795	13,137	6,892	1,791	127
October	21,425	13,650	5,971	7,679	7,775	12,574	6,484	1,717	398
November	21,023	13,445	5,859	7,586	7,578	12,279	6,251	1,603	404
December	20,749	13,204	5,763	7,441	7,545	12,024	6,013	1,637	499
1932:									
January	20,178	12,975	5,644	7,331	7,203	11,588	5,821	1,510	460
February	19,775	12,711	5,497	7,214	7,064	11,081	5,715	1,437	484
March	19,434	12,375	5,388	6,987	7,059	10,950	5,691	1,447	368
April	19,096	11,970	5,150	6,820	7,126	11,012	5,656	1,548	277
May	19,112	11,702	4,975	6,727	7,410	11,130	5,690	1,705	185
June	18,877	11,420	4,811	6,609	7,457	11,013	5,599	1,626	191
July	18,419	11,071	4,616	6,455	7,348	10,793	5,548	1,568	212
August	18,587	10,897	4,578	6,319	7,690	10,842	5,630	1,643	164
September	18,739	10,753	4,524	6,229	7,986	11,143	5,625	1,778	128
October	19,026	10,605	4,437	6,168	8,421	11,342	5,680	1,868	103
November	18,987	10,400	4,280	6,120	8,587	11,571	5,692	1,949	99
December	18,840	10,340	4,319	6,021	8,500	11,688	5,648	2,002	75

Source: Federal Reserve Board.

No. 236.—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 [4] deposits	Demand deposits [4 5]	Time deposits [5]	United States deposits	Due to banks [4 7]	Net demand deposits [4]	Net demand plus time deposits [4 8]	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
1923	26,487	18,842	7,645	3,603	4,042	1,824	4,378	28,507	16,107	8,651	237	3,512	16,376	25,027	1,900	808	9,774
1924	28,746	19,933	8,813	3,874	4,939	2,339	4,532	32,384	17,788	9,895	242	4,548	18,498	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	6,769	38,014	20,489	13,233	143	4,148	19,797	33,031	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
New York City:																	
1928	7,951	6,018	1,933	1,094	839	120	1,553	10,397	7,386	1,268	52	1,691	6,085	7,353	809	390	57
1929	8,774	6,683	2,091	1,112	979	179	2,105	10,206	7,155	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	5,404	830	167	1,357	5,561	6,392	665	61	39
1932	7,327	3,538	3,789	2,603	1,186	116	1,711	7,751	4,810	937	173	1,831	6,020	6,957	1,132	13	37
Chicago:																	
1928	1,910	1,519	391	174	217	128	300	2,068	1,166	558	6	337	1,210	1,768	169	66	18
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	(9)	11
Other reserve cities:																	
1928	12,156	8,702	3,454	1,662	1,791	890	1,888	13,044	6,312	4,832	153	1,747	6,447	11,279	779	376	517
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	76	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
Country banks:																	
1928	13,667	8,915	4,751	1,382	3,370	977	2,158	13,566	6,247	6,794	50	473	6,202	12,996	652	330	8,245
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

All member banks by districts:																	
Boston—																	
1931	2,185	1,360	794	302	492	95	430	2,143	1,099	853	12	179	1,125	1,979	149	62	373
1932	1,948	1,107	841	428	413	221	376	2,040	1,009	797	26	208	1,014	1,811	120	19	367
New York—																	
1931	10,565	6,609	3,956	2,126	1,831	221	2,366	10,735	6,597	2,493	186	1,459	6,684	9,177	796	194	841
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
Philadelphia—																	
1931	2,558	1,521	1,037	337	700	122	613	2,263	1,028	1,032	30	174	1,039	2,071	126	141	715
1932	2,355	1,313	1,043	410	633	188	534	2,209	934	1,008	38	229	972	1,980	123	85	693
Cleveland—																	
1931	2,865	1,807	1,058	489	569	124	551	2,697	1,137	1,334	29	196	1,183	2,517	147	129	655
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
Richmond—																	
1931	1,050	693	358	157	200	78	200	1,037	450	474	20	93	450	924	51	38	403
1932	966	579	387	201	186	107	182	982	405	455	15	107	420	874	53	41	392
Atlanta—																	
1931	906	593	313	154	159	98	174	910	422	369	25	93	428	797	49	48	349
1932	845	516	329	178	151	119	166	862	357	357	45	104	364	721	49	48	323
Chicago—																	
1931	3,882	2,632	1,249	599	650	279	644	4,064	1,937	1,645	34	448	2,042	3,687	286	91	903
1932	2,907	1,851	1,056	512	544	453	507	3,482	1,667	1,373	37	404	1,601	3,064	410	50	702
St. Louis—																	
1931	1,031	623	407	159	249	73	171	1,028	505	420	8	96	520	939	60	27	465
1932	887	468	418	189	230	137	158	960	447	386	7	119	454	830	62	19	429
Minneapolis—																	
1931	789	441	349	112	237	95	113	861	340	430	3	87	355	785	46	8	579
1932	658	353	304	110	194	119	104	733	280	376	3	74	276	652	38	14	545
Kansas City—																	
1931	1,016	574	442	205	238	159	158	1,146	634	341	5	166	664	1,005	76	29	824
1932	870	441	429	214	215	237	147	1,072	556	320	8	189	559	878	60	13	785
Dallas—																	
1931	724	480	244	132	112	114	150	784	465	190	22	98	475	673	50	14	617
1932	647	402	245	141	104	149	130	736	422	191	20	103	420	612	47	9	584
San Francisco—																	
1931	3,005	1,898	1,107	547	560	203	429	3,079	1,089	1,727	39	225	1,103	2,830	140	57	522
1932	2,609	1,570	1,129	601	528	256	397	2,704	901	1,618	45	230	921	2,538	139	42	449

[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] "Demand deposits" and "Net demand deposits" revised to include letters of credit and travelers' checks sold for cash, beginning 1920; "Due to banks" revised to include amounts due to own foreign branches, beginning 1927.
[5] Includes certified and cashiers' or treasurers' checks, and letters of credit and travelers' checks sold for cash.
[6] Includes postal-savings deposits, except that such deposits of State banks members are included with demand deposits for 1915.
[7] Includes amounts due to Federal reserve banks, foreign banks, and other banks and bankers; also amounts due to own foreign branches beginning 1927.
[8] Deposits subject to reserve requirements.
[9] Less than $500,000.

Source: Federal Reserve Board.

No. 237.—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 banks and trust companies	All member banks	National banks	State banks and trust companies	All member banks	National banks	State banks and trust companies
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, 1917	7,907	7,657	250	2,396,260	1,875,495	520,765	23,649,962	18,539,576	5,110,386
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	9,006	7,885	1,121	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	4,159,796	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	48,935,046	30,573,457	18,362,189
Dec. 31, 1929	8,522	7,403	1,119	5,621,725	3,247,371	2,374,354	48,843,078	28,839,582	20,003,496
Dec. 31, 1930	8,052	7,033	1,019	5,487,242	3,265,036	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	4,553,119	2,802,274	1,755,845	36,259,926	23,268,936	12,990,990

No. 238.—ALL MEMBER BANKS: CLASSIFICATION OF LOANS AND INVESTMENTS ON DECEMBER 31

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

	1929	1930	1931	1932	1932				
					Central reserve city banks	Other reserve city banks	Country banks	National bank members	State bank, etc., members
Loans and investments, total	35,934	34,860	30,575	27,466	8,373	9,489	9,607	17,399	10,071
Loans, total [1]	26,150	23,870	19,261	15,204	4,169	5,542	5,493	9,828	5,376
Loans to customers, total [2]	23,908	21,637	18,359	14,349	3,431	5,464	5,454	9,473	4,876
To banks	714	631	790	444	258	136	50	310	134
On securities (exclusive of loans to banks) [2]	8,488	7,942	6,290	4,848	1,546	1,870	1,432	3,063	1,785
Real estate loans, total	3,191	3,234	3,038	2,862	179	1,379	1,304	1,636	1,226
On farm land	388	387	359	356	2	121	234	297	59
On other real estate	2,803	2,847	2,678	2,505	177	1,258	1,070	1,339	1,167
All other (including overdrafts)	11,515	9,831	8,242	6,195	1,447	2,078	2,669	4,464	1,731
Open market loans, total [3]	2,243	2,233	901	855	739	78	39	355	500
Acceptances and commercial paper purchased	582	736	327	498	401	66	31	229	269
Loans to brokers in New York [4]	1,660	1,498	575	357	338	11	8	126	231
Investments, total	9,784	10,989	11,314	12,265	4,203	3,948	4,114	7,571	4,695
U.S. Government securities	3,863	4,125	5,319	6,540	2,831	2,234	1,474	3,755	2,784
Other securities, total	5,921	6,864	5,996	5,726	1,372	1,714	2,640	3,815	1,910
Domestic—									
Bonds	4,169	4,931	4,353	4,273	982	1,211	2,080	3,016	1,257
All other	1,123	1,218	1,102	1,003	270	394	339	469	534
Foreign	629	715	540	450	120	109	221	330	120
Number of banks	8,522	8,052	7,246	6,816	48	322	6,446	6,011	805

[1] Excludes acceptances of other banks and bills of exchange or drafts sold with indorsement.
[2] Except loans to broker customers in New York, made by New York City banks.
[3] Includes loans to broker customers in New York, made by New York City banks.
[4] Loans on securities to brokers and dealers in securities at New York City.

Source of Tables 237 and 238: Federal Reserve Board.

No. 239.—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 [1]	
	1923	1925	1927	1929	1930	1931	National bank members	State banks, etc., members
Principal earning assets, total [2]	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 [2]	18,532.0	20,809.1	23,006.0	25,614.7	25,018.2	21,732.3	15,743.9	10,475.5	6,268.4
Investments [2]	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 [2 3]	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	1,719.4	1,918.1	2,120.3	2,474.1	2,228.8	1,911.5			
Interest earned	1,493.8	1,615.6	1,749.0	2,068.9	1,857.5	1,581.9			
Expenses, total	1,232.7	1,367.3	1,515.7	1,683.7	1,604.3	1,335.4			
Interest paid	590.1	669.1	737.6	823.5	771.0	600.0			
Net earnings	486.7	550.8	604.6	790.4	624.4	576.1			
Net losses	149.8	131.3	157.6	233.9	317.9	563.5			
Net profits	336.9	419.5	447.0	556.5	306.5	12.7			
Dividends declared	257.9	272.7	312.7	403.6	372.0	335.8			
Ratios:									
Earning assets 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 earning assets	$1.29	$1.41	$1.36	$1.56	$0.87	$0.04			
Net profit per $100 of capital funds	$7.69	$9.14	$8.66	$8.75	$4.56	$0.20			

[1] Earnings, expenses, and dividends for 1932 are not yet available.
[2] Figures are averages of amounts for call dates during the year.
[3] Capital, surplus, and undivided profits, including reserves for dividends and contingencies and, for 1923 also reserves for taxes, interest, and other expenses accrued.

No. 240.—ALL REPORTING BANKS IN CONTINENTAL UNITED STATES: LOANS, INVESTMENTS, AND DEPOSITS OF MEMBER AND NONMEMBER BANKS

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

Date [1]	Loans			Investments			Deposits [2]		
	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks	All banks	Member banks	Nonmember banks
1923—June 30	30,378	18,750	11,627	13,360	7,757	5,603	40,688	23,871	16,817
Dec. 31	30,778	18,842	11,936	13,225	7,645	5,580	42,103	24,996	17,167
1924—June 30	31,523	19,204	12,320	13,657	7,963	5,693	43,405	25,711	17,694
Dec. 31	32,440	19,933	12,507	14,742	8,813	5,929	45,835	27,836	17,999
1925—June 30	33,865	20,655	13,210	14,965	8,863	6,102	47,612	28,440	19,172
Dec. 31	35,640	21,996	13,644	14,963	8,888	6,076	49,224	30,029	19,195
1926—June 30	36,157	22,060	14,097	15,404	9,123	6,281	49,733	29,781	19,952
Dec. 31	36,759	22,652	14,106	15,260	8,990	6,269	50,029	30,474	19,555
1927—June 30	37,360	22,938	14,421	16,391	9,818	6,573	51,662	31,269	20,393
Dec. 31	38,407	23,886	14,521	17,043	10,361	6,683	52,909	32,063	20,846
1928—June 30	39,464	24,303	15,161	17,801	10,758	7,043	53,398	32,133	21,265
Dec. 31	40,763	25,155	15,607	17,504	10,529	6,975	56,766	34,826	21,940
1929—June 29	41,512	25,658	15,853	16,962	10,052	6,910	53,852	32,284	21,567
Dec. 31	41,898	26,150	15,748	16,519	9,784	6,735	55,289	33,865	21,424
1930—June 30	40,618	25,214	15,404	17,490	10,442	7,048	54,954	33,690	21,264
Dec. 31	38,135	23,870	14,264	18,074	10,989	7,085	53,039	32,560	20,479
1931—June 30	35,384	21,816	13,568	19,637	12,106	7,531	51,782	31,566	20,216
Dec. 31	31,616	19,261	12,355	18,481	11,314	7,166	46,261	27,432	18,829
1932—June 30	27,834	16,587	11,247	18,237	11,414	6,823	41,963	24,755	17,208
Dec. 31	26,063	15,204	10,859	18,883	12,265	6,617	41,643	24,803	16,840

[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.

Source of Tables 239 and 240: Federal Reserve Board.

No. 241.—ALL REPORTING BANKS: Number, Resources, Capital and Surplus, and Deposits, on or About June 30

Note.—See headnote, Table 242

[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	1,410.3	4,072.5	1922	30,389	50,426.4	5,641.4	37,143.5
1895	9,818	7,609.5	1,621.3	4,921.2	1923	30,178	54,034.9	5,851.9	39,983.6
1900	10,382	10,785.8	1,673.1	7,238.9	1924	29,348	57,144.7	6,081.6	42,903.8
1905	16,410	16,918.2	2,516.8	11,350.7	1925	28,841	62,057.0	6,343.0	46,715.2
1910	23,095	22,450.3	3,427.8	14,963.7	1926	28,146	64,893.4	6,745.3	48,826.6
1915	27,062	27,804.1	3,895.8	18,965.7	1927	27,061	68,132.6	7,141.0	51,062.1
1917	27,923	37,126.8	4,219.7	26,058.4	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	4,019.4	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	50,504.8
1921	30,812	49,671.4	5,446.0	34,790.9	1932	19,163	57,245.1	7,375.9	41,188.0

[1] For banks other than national, figures 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 250 and also headnote Table 242.

Source: Comptroller of the Currency, Treasury Department.

No. 242.—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 reporting, except for 1880, and for other banks except national for earlier years, especially 1875, 1880, and 1885, are incomplete. Prior to 1910, figures for State banks include stock savings banks and loan and trust companies in a number of States, and in some instances private banks. Deposits exclude interbank demand deposits and U. S. deposits; they also exclude dividends unpaid and, beginning 1910, certified and cashiers' checks, items at one time included in original figures for demand deposits; they include postal savings

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

Year	National banks				State (commercial) banks			
	Number of banks	Total resources	Capital and surplus	Demand and time deposits[1]	Number of banks	Total resources	Capital and surplus	Demand and time deposits[1]
1830					329		[2] 110.2	40.8
1840					901	657.7	[2] 358.4	75.7
1850					824	532.3	[2] 217.3	109.6
1860					1,562	999.9	[2] 421.9	255.8
1865	1,294	1,126.5	357.1	393.4	349	[3] 231.0	[3] 71.2	[3] 60.0
1870	1,612	1,565.8	618.9	542.3	325	[3] 215.1	[3] 86.5	[3] 55.9
1875	2,076	1,913.2	634.7	686.5	351	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	155.9	344.3
1890[4]	3,484	3,061.8	854.7	1,521.7	2,289	884.3	245.0	562.6
1895	3,715	3,470.6	903.0	1,736.0	3,774	1,147.5	324.5	712.4
1900	3,732	4,944.2	877.8	2,455.1	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	12,168	3,695.0	623.4	2,575.4
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	20,705.0	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	12,725.1
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	9,862.0
1932	6,150	22,367.7	2,828.4	15,205.3	10,455	9,478.8	1,332.2	6,651.0

For footnotes see p. 235.

No. 242.—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	[6] 2,802		[2 6] 76.1	[6] 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	20.0	134.1
1920	1,408	8,320.0	985.7	6,061.9	799	212.6	26.4	169.3
1921	1,474	8,181.1	1,053.5	5,601.5	708	175.3	24.0	133.7
1922	1,550	8,533.9	1,095.0	6,490.5	673	185.5	25.7	145.2
1923	1,643	9,499.3	1,198.1	6,825.3	604	165.5	22.4	131.4
1924	1,664	10,323.8	1,293.3	7,779.2	560	150.9	19.8	120.5
1925	1,680	11,565.5	1,366.7	8,530.4	523	155.2	19.5	126.2
1926	1,656	12,205.2	1,487.2	8,893.4	495	174.2	21.0	131.2
1927	1,647	13,994.8	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	11,688.9	361	114.6	15.7	79.8
1931	1,469	16,861.0	2,588.0	10,663.6	284	82.1	12.0	59.1
1932	1,235	13,118.8	2,238.0	8,277.2	227	55.4	9.6	40.5
	Mutual savings banks [7 8]				Stock savings banks [7]			
1880	629	881.7	51.2	819.1				
1885	646	1,203.0	88.6	1,095.2				
1890	637	1,486.6	126.1	1,336.0	284	256.0	34.1	214.0
1895	664	1,756.7	136.0	1,597.3	353	297.0	41.3	247.0
1900	652	2,336.5	175.8	2,134.5	350	288.4	29.1	255.2
1905	668	2,967.3	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	5,040.1	366.4	5,575.1	[4] 978	557.9	50.1	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	701	1,707.2	111.4	1,561.2
1929	611	10,006.5	823.7	9,008.1	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	1,199.8
1932	594	11,134.1	890.0	10,038.8	502	1,090.2	77.7	974.3

[1] See footnote, Table 241.
[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] Average for all private banks for the 6 months ended May 31, 1880, as reported to the Commissioner of Internal Revenue for taxation purposes.
[7] 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 254, p. 244.
[8] Figures given under "Capital and surplus" are surplus funds only.

Source: Comptroller of the Currency, Treasury Department.

No. 248.—ALL REPORTING BANKS: SUMMARY, BY STATES, JUNE 30, 1932

[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	**19,163**	**57,245,131**	**28,089,853**	**18,223,241**	**2,674,941**	**8,092,532**	**16,405,579**	**24,774,389**
Continental U. S.	**19,103**	**56,920,166**	**27,906,414**	**18,170,023**	**2,672,679**	**8,044,461**	**16,315,990**	**24,661,225**
New England	**994**	**7,063,206**	**3,743,850**	**2,486,421**	**180,994**	**833,601**	**1,215,702**	**4,543,382**
Maine	115	438,378	207,942	191,319	5,229	47,646	53,710	302,055
New Hampshire	117	311,668	130,492	157,010	3,173	39,214	29,739	223,663
Vermont	100	246,527	132,992	81,031	2,179	26,313	18,293	181,709
Massachusetts	416	4,199,894	2,258,596	1,404,822	127,963	487,570	810,210	2,604,128
Rhode Island	34	545,420	253,299	238,576	17,217	66,495	91,456	361,895
Connecticut	212	1,321,324	760,529	413,663	25,233	166,363	212,294	869,872
Middle Atlantic	**2,719**	**26,248,074**	**12,386,431**	**8,991,948**	**1,338,507**	**3,976,070**	**7,544,852**	**10,842,123**
New York	984	18,354,790	8,831,621	5,990,132	1,013,187	2,622,850	5,530,098	7,365,741
New Jersey	475	2,342,453	1,170,428	*795,146*	*66,889*	*303,130*	*580,784*	*1,220,507*
Pennsylvania	1,200	5,548,831	[1] 2,384,382	2,206,670	258,431	1,050,090	1,433,970	2,255,875
East North Central	**4,089**	**8,733,731**	**4,518,458**	**2,199,785**	**486,750**	**1,188,782**	**2,759,452**	**3,353,583**
Ohio	807	2,368,044	1,315,670	577,875	138,595	315,486	666,136	1,031,596
Indiana	695	843,219	347,159	183,531	17,743	106,004	265,520	259,542
Illinois	1,149	2,952,362	1,410,218	778,044	174,918	447,345	1,091,038	843,206
Michigan	581	1,670,787	968,755	407,911	77,592	199,791	481,284	796,197
Wisconsin	857	899,319	476,656	252,424	56,902	120,156	255,474	423,042
West North Central	**4,640**	**3,535,635**	**1,645,641**	**1,112,266**	**115,721**	**463,215**	**1,338,751**	**1,285,896**
Minnesota	840	905,267	398,765	326,653	27,048	95,482	271,141	436,789
Iowa	897	588,237	315,603	154,736	13,551	72,636	190,294	258,702
Missouri	914	1,181,604	509,779	398,742	24,279	170,723	523,336	320,260
North Dakota	237	88,747	45,964	24,959	4,649	11,779	25,614	42,507
South Dakota	257	105,079	50,961	34,382	2,968	14,405	35,873	40,571
Nebraska	615	297,215	146,063	74,695	11,695	39,244	119,119	90,249
Kansas	880	369,486	178,416	98,099	31,531	58,946	173,374	87,618
South Atlantic	**1,780**	**3,193,442**	**1,543,232**	**1,004,581**	**144,519**	**514,866**	**957,235**	**1,288,218**
Delaware	59	181,690	86,915	67,984	8,588	43,377	62,820	62,995
Maryland	205	889,806	372,454	381,480	39,593	116,237	200,483	467,171
Dist. of Columbia	39	320,136	140,545	100,617	9,706	49,416	118,480	120,734
Virginia	390	541,257	328,400	108,392	12,429	92,671	144,041	221,676
West Virginia	210	300,128	179,100	64,101	20,042	51,591	96,017	117,310
North Carolina	257	265,583	146,744	56,825	23,311	44,469	97,071	67,913
South Carolina	124	117,671	56,571	33,249	1,926	17,257	39,558	35,921
Georgia	312	338,517	173,921	73,161	21,125	63,606	105,906	115,529
Florida	184	238,654	58,582	118,772	7,709	36,242	92,859	78,969
East South Central	**1,323**	**1,234,733**	**700,985**	**263,789**	**27,578**	**202,268**	**399,905**	**408,487**
Kentucky	471	438,073	250,745	97,557	8,070	69,012	136,353	143,757
Tennessee	383	400,896	233,485	68,010	9,734	63,307	131,469	132,977
Alabama	243	237,477	130,506	56,416	7,658	46,909	76,182	74,102
Mississippi	226	157,087	80,229	41,806	2,116	23,040	55,901	57,651
West South Central	**2,036**	**1,955,271**	**937,404**	**506,754**	**114,852**	**290,473**	**852,855**	**454,393**
Arkansas	273	145,792	72,223	33,722	18,232	23,982	55,476	43,071
Louisiana	195	436,314	246,379	91,404	10,802	57,187	151,669	122,493
Oklahoma	510	356,915	142,041	127,476	14,977	43,656	175,343	94,623
Texas	1,058	1,016,250	476,761	254,152	70,841	165,648	470,367	194,206
Mountain	**731**	**784,347**	**337,135**	**271,321**	**44,518**	**97,787**	**287,118**	**290,732**
Montana	151	124,246	46,498	49,881	10,305	16,515	45,096	50,122
Idaho	112	69,489	28,864	24,850	1,324	7,762	29,169	24,260
Wyoming	73	56,289	30,537	14,263	1,692	7,713	21,075	20,073
Colorado	221	270,554	101,490	102,663	20,941	32,726	109,117	98,389
New Mexico	49	36,924	16,367	12,748	1,350	4,498	18,052	9,986
Arizona	26	55,585	20,598	20,939	4,326	8,108	20,003	22,712
Utah	71	130,686	68,507	37,670	4,031	15,953	32,963	47,839
Nevada	28	40,694	24,274	8,307	549	4,512	11,643	17,351
Pacific	**791**	**4,173,727**	**2,063,298**	**1,333,158**	**240,240**	**477,399**	**960,120**	**2,194,611**
Washington	259	426,983	183,144	155,210	31,089	53,044	125,729	183,335
Oregon	109	241,125	79,546	105,167	13,831	29,372	78,570	98,695
California	363	3,505,619	1,830,608	1,072,781	195,320	394,383	755,821	1,912,581
Alaska	16	12,390	4,593	4,899	----------	1,678	4,111	5,683
Hawaii	19	114,035	65,293	28,170	187	21,439	37,957	43,609
Puerto Rico	14	63,034	40,449	1,722	----------	6,818	15,484	17,290
Philippines	11	135,506	73,104	18,427	2,075	18,136	32,037	46,582

[1] Includes $332,014,000 mortgages and judgments of record reported for banks other than national. The amounts of such in previous years were reported with investments.

Source: Comptroller of the Currency, Treasury Department.

No. 244.—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
Loans and discounts, total [1]	40,510.1	35,210.5	28,089.9
Real estate loans, mortgages, deeds of trust, and other liens on real estate:			
On farm land	409.3	443.5	507.9
On other real estate	10,036.4	9,693.4	9,433.8
Loans secured by U. S. Government and other securities (exclusive of loans to banks)	11,533.0	9,111.3	6,011.1
Loans to banks	346.4	368.8	489.8
Commercial paper bought in open market; acceptances payable in United States; and notes, bills, and acceptances payable in foreign countries	844.3	1,058.3	638.7
All other loans (including overdrafts)	17,340.7	14,535.2	11,008.7
Investments, total	17,944.7	20,080.2	18,223.2
United States Government securities	3,846.9	5,717.6	6,455.6
State, county, and municipal bonds	1,702.1	2,266.0	2,801.8
Railroad and other public service corporation bonds	3,328.3	3,867.6	4,276.1
Stock of Federal reserve banks and other corporations	484.1	849.3	735.3
Foreign government bonds and other foreign securities	673.2	765.2	586.3
Other bonds, notes, warrants, etc	7,910.1	6,594.5	3,373.8

[1] Includes rediscounts and overdrafts.

No. 245.—NATIONAL BANKS: PRINCIPAL RESOURCES AND LIABILITIES

NOTE.—**All figures, except number of banks, in millions of dollars.** Data include banks in Alaska and Hawaii. Loans and discounts include rediscounts and overdrafts; they exclude acceptances of other banks and bills of exchange or draft sold with indorsement beginning 1921. Undivided profits include prior to 1929, reserves for dividends, contingencies, etc., and prior to 1925, also reserves for taxes, interest, etc., accrued. Investments include securities borrowed prior to 1903; thereafter, figures represent securities owned. Deposits exclude interbank demand deposits and U. S. deposits; they also exclude dividends unpaid and, beginning 1910, certified and cashiers' checks outstanding, items at one time included in original figures for demand deposits; they include postal savings.

On or about June 30—	Number of banks	Loans and discounts	Investments	Capital, surplus, undivided profits	Demand and time deposits	Note circulation	On or about June 30—	Number of banks	Loans and discounts	Investments	Capital, surplus, undivided profits	Demand and time deposits	Note circulation
1865	1,294	362	407	380	398	131	1900	3,732	2,644	775	1,013	2,458	265
1868	1,640	656	507	529	576	295	1901	4,165	2,981	886	1,062	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	739	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	4,055	511
1874	1,983	926	451	676	623	339	1907	6,429	4,564	1,362	1,608	4,333	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	5,001	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	300	1915	7,605	6,665	2,026	2,105	6,426	723
1883	2,417	1,286	466	707	1,043	312	1916	7,579	7,769	2,321	2,103	7,830	676
1884	2,625	1,270	449	739	979	295	1917	7,604	8,992	2,962	2,218	9,321	660
1885	2,689	1,258	432	725	1,106	269	1918	7,705	10,165	3,837	2,279	10,006	682
1886	2,809	1,399	407	760	1,146	245	1919	7,785	11,027	4,811	2,418	11,805	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	123	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	14,099	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	6,303	3,240	18,203	651
1895	3,715	2,017	447	987	1,736	179	1928	7,601	14,227	7,147	3,571	19,300	649
1896	3,689	1,972	464	983	1,668	199	1929	7,536	14,811	6,657	3,594	18,821	649
1897	3,610	1,978	484	962	1,770	197	1930	7,252	14,897	6,888	3,881	19,679	652
1898	3,582	2,164	555	965	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

Source of Tables 244 and 245: Comptroller of the Currency, Treasury Department.

No. 246.—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	1916	1918	1920	1922	1924	1925	1926	1927
RESOURCES									
Total resources [1]	11,357	15,388	20,544	22,799	21,975	24,881	25,852	25,884	28,184
Loans and discounts [2 3]	6,363	8,438	10,447	13,544	11,552	12,218	13,423	13,487	14,647
United States Government securities owned	700	691	2,771	1,991	2,622	2,558	2,490	2,283	2,748
Other bonds, stocks, securities, etc., owned	1,305	1,813	1,776	1,986	2,344	3,073	3,248	3,508	4,152
Reserve with Federal reserve banks	262	707	1,180	1,185	1,221	1,394	1,377	1,359	1,500
Items with Federal reserve banks in process of collection			286	423	456	487	572	*543*	*520*
Due from banks [4]	1,463	2,276	2,540	1,873	2,230	2,862	2,855	2,635	2,438
Cash in vault	735	882	522	494	392	410	390	*353*	*361*
LIABILITIES									
Capital stock	1,056	1,071	1,110	1,272	1,317	1,335	1,379	1,411	1,529
Surplus	727	745	845	1,020	1,076	1,089	1,167	1,217	1,314
Undivided profits [5]	282	362	389	564	520	442	476	477	531
Reserves for interest, taxes, etc., accrued						61	59	61	76
Circulation outstanding	640	666	677	694	724	715	648	646	650
Due to banks [6]	2,003	3,537	3,637	2,934	3,266	3,908	3,696	3,431	3,661
Demand deposits [7]	4,934	6,782	8,991	9,501	9,529	10,326	11,112	10,730	11,230
Time deposits [8]	1,207	1,930	2,474	3,032	4,319	5,581	6,047	6,533	7,808
United States deposits	72	35	313	212	304	153	198	138	169
Bills payable and rediscounts [3]	132	90	1,381	2,343	512	287	526	530	481

	1928	1929	1930	1931	1932			
					All banks	Central reserve cities	Other reserve cities	Country banks
RESOURCES								
Total resources [1]	30,589	26,882	28,800	24,662	23,312	5,492	8,580	9,238
Loans and discounts [2 3]	15,291	15,160	14,369	11,927	9,848	2,078	3,651	4,119
United States Government securities owned	3,009	2,612	2,855	3,176	3,761	938	1,605	1,218
Other bonds, stocks, securities, etc., owned	4,119	3,840	4,437	4,025	3,823	696	1,051	2,075
Reserve with Federal reserve banks	1,496	1,348	1,460	1,138	1,626	826	452	348
Due from banks [4]	4,185	3,413	3,338	2,293	2,518	552	1,235	732
Cash in vault	388	393	409	380	309	27	91	192
LIABILITIES								
Capital stock	1,616	1,704	1,722	1,621	1,634	415	534	685
Surplus	1,490	1,548	1,548	1,382	1,173	308	365	500
Undivided profits—net	492	497	516	352	270	35	96	139
Reserves for dividends, contingencies, etc. [9]	85	92	109	171	167	72	65	30
Reserves for interest, taxes, etc., accrued	67	72	64	53	46	15	18	13
Circulation outstanding	650	646	643	627	780	21	268	491
Due to banks [6]	4,074	3,146	3,342	2,301	2,612	1,094	1,247	271
Demand deposits [7]	11,781	11,089	10,639	9,071	8,277	2,557	2,937	2,762
Time deposits [8]	8,307	8,434	8,727	7,610	7,377	647	2,773	3,956
United States deposits	186	103	163	261	253	*65*	132	*56*
Bills payable and rediscounts [3]	785	546	256	555	349	(10)	49	299

[1] Includes unspecified items.

[2] Includes rediscounts and overdrafts.

[3] *Excludes acceptances of* other banks and bills of exchange or drafts sold with indorsement beginning 1922.

[4] Includes exchanges for clearing house and other checks on local banks and, beginning 1928, items with the Federal reserve banks in process of collection.

[5] Includes reserves for dividends, contingencies, etc.

[6] Includes certified and cashiers' checks, cash letters of credit and travelers' checks, and, beginning 1927, dividend checks outstanding.

[7] Excludes dividends unpaid and certified and cashiers' checks outstanding.

[8] Includes postal savings deposits.

[9] Reserves for contingencies only in 1932.

[10] Less than $500.

Source: Comptroller of the Currency, Treasury Department.

No. 247.—NATIONAL BANKS: Summary, by States, December 31, 1932

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)[1]	Investments	Reserve with Federal reserve banks	Capital, surplus, and net undivided profits	National bank circulation	Demand deposits	Time deposits (including postal savings)
Grand total	6,016	23,310,974	9,847,724	7,583,438	1,625,840	3,077,547	780,069	8,276,715	7,376,563
Continental U.S.	6,011	23,268,936	9,828,142	7,570,690	1,625,840	3,071,471	776,749	8,264,158	7,359,689
New England	360	1,984,157	858,781	639,684	96,905	278,245	42,165	786,616	596,313
Maine	43	131,343	56,875	52,519	6,873	14,660	4,949	22,424	80,834
New Hampshire	53	76,585	33,780	29,612	2,701	13,002	5,154	26,963	24,706
Vermont	45	65,590	31,022	26,288	2,150	8,996	4,386	10,609	36,882
Massachusetts	141	1,384,441	577,680	435,729	73,731	187,592	19,715	598,921	350,014
Rhode Island	10	52,655	23,245	21,199	1,759	11,271	4,059	18,156	15,959
Connecticut	58	273,543	136,179	74,337	9,691	42,724	10,902	109,483	88,328
Middle Atlantic	1,512	8,708,384	3,485,685	3,211,161	759,771	1,255,793	193,375	3,143,721	2,354,323
New York	496	5,185,383	2,005,407	1,848,217	614,630	743,921	66,038	2,122,493	973,551
New Jersey	269	830,639	385,537	307,737	30,263	101,856	29,937	232,984	397,644
Pennsylvania	747	2,692,362	1,114,741	1,055,207	114,878	410,016	97,400	789,144	983,128
East North Central	984	4,228,505	1,887,690	1,057,177	393,113	516,434	142,290	1,619,018	1,359,760
Ohio	266	717,054	336,834	223,655	30,591	105,375	41,244	245,465	253,562
Indiana	152	324,013	132,516	98,695	15,132	41,734	21,857	121,001	105,463
Illinois	337	1,860,867	711,219	438,913	273,658	221,347	25,034	877,534	388,443
Michigan	102	907,541	507,915	185,704	45,176	97,065	28,556	245,397	448,111
Wisconsin	127	419,030	199,206	110,207	28,556	50,313	25,599	129,021	164,181
West North Central	1,013	1,760,654	679,813	563,101	89,168	198,705	63,595	659,900	551,342
Minnesota	220	559,686	229,198	172,606	23,157	60,754	18,569	180,562	220,405
Iowa	163	194,674	78,151	68,224	8,961	22,146	9,687	64,431	70,870
Missouri	97	501,217	171,414	162,766	32,228	53,063	11,428	212,378	111,760
North Dakota	77	60,836	27,793	20,754	2,186	7,398	2,937	16,771	29,119
South Dakota	72	53,923	21,321	21,322	2,279	6,826	1,832	17,622	21,037
Nebraska	156	191,362	81,118	55,442	10,787	22,566	9,056	78,690	51,213
Kansas	219	198,956	70,818	62,587	9,570	25,952	10,086	89,446	46,938
South Atlantic	489	1,416,560	586,410	475,744	60,089	196,763	70,983	434,277	513,681
Delaware	16	22,232	10,021	9,192	686	5,232	1,079	5,690	8,936
Maryland	68	225,253	72,229	111,764	11,272	26,227	8,835	59,039	91,983
Dist. of Col.	12	177,835	63,796	63,950	9,146	21,239	3,575	65,062	64,138
Virginia	139	319,875	169,468	72,007	11,987	46,792	21,148	88,909	126,727
West Virginia	84	147,620	82,839	35,076	5,031	21,683	9,433	44,474	56,904
North Carolina	43	66,950	36,697	14,999	2,444	12,990	5,160	20,090	21,363
South Carolina	21	56,684	24,336	16,409	1,648	7,000	3,231	20,639	15,490
Georgia	57	228,136	89,830	61,331	9,038	33,308	8,957	66,829	70,960
Florida	49	171,966	37,194	91,016	8,237	22,292	9,565	63,536	57,180
East South Central	291	690,947	350,071	183,945	27,382	100,168	45,774	217,132	220,191
Kentucky	108	198,186	96,793	61,595	8,968	25,091	11,422	72,761	63,541
Tennessee	81	267,023	144,595	56,750	9,704	36,934	18,284	71,258	84,955
Alabama	77	171,487	83,647	47,239	6,497	31,288	13,571	56,641	49,117
Mississippi	25	54,251	25,036	17,461	2,213	6,855	2,497	16,472	22,578
West South Central	797	1,295,767	536,876	368,540	65,677	174,986	66,635	542,619	291,766
Arkansas	52	60,813	25,202	21,245	2,745	9,191	3,490	18,683	24,397
Louisiana	29	116,300	56,576	24,304	6,844	13,801	6,380	42,404	23,911
Oklahoma	233	295,697	103,290	111,416	14,908	33,611	12,132	129,062	80,768
Texas	483	822,957	351,808	211,575	41,180	118,362	46,633	352,469	162,692
Mountain	261	466,435	149,032	161,824	26,259	50,591	18,300	182,639	159,963
Montana	52	69,983	19,438	30,591	4,545	8,592	2,026	27,125	27,121
Idaho	28	23,123	7,760	8,339	1,450	2,778	1,099	9,152	8,255
Wyoming	25	33,678	15,206	9,752	1,805	4,434	1,564	12,892	11,762
Colorado	98	225,782	69,630	88,350	12,903	23,215	7,589	88,227	75,810
New Mexico	26	27,067	10,230	9,756	1,288	2,964	1,405	13,724	6,736
Arizona	10	23,658	5,904	11,439	948	2,683	1,425	8,093	9,880
Utah	15	51,676	17,360	18,558	2,829	4,993	2,720	19,278	16,116
Nevada	7	11,468	3,504	5,039	491	932	472	4,148	5,283
Pacific	314	2,717,527	1,293,784	890,414	107,476	299,807	124,632	678,237	1,311,848
Washington	83	259,756	89,988	108,962	11,232	33,665	16,641	85,038	99,136
Oregon	71	188,344	49,878	88,815	8,410	19,873	10,479	58,765	77,035
California	160	2,269,427	1,153,918	692,637	87,834	246,269	97,512	534,434	1,144,677
New York City[2]	*11*	*4,090,917*	*1,520,980*	*1,358,587*	*572,706*	*595,322*	*20,015*	*1,818,217*	*414,172*
Chicago[2]	*9*	*1,452,553*	*556,866*	*275,649*	*253,171*	*162,947*	*1,300*	*739,219*	*232,587*
Alaska	4	4,081	1,331	1,902		517	170	1,670	1,904
Hawaii	1	37,357	18,251	10,844		5,559	3,150	10,881	14,970

[1] Includes overdrafts.
[2] Central reserve city banks; included in figures for respective States.

Source: Comptroller of the Currency, Treasury Department.

No. 248.—NATIONAL BANKS: Classification of Loans and Investments as of December 31

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

	1928	1929	1930	1931	1932
Loans and discounts, total [1]	15,291.8	15,160.2	14,868.4	11,926.8	9,647.7
Real estate loans, mortgages, deeds of trust, and other liens on real estate	1,293.6	1,482.6	1,576.2	1,684.9	1,641.0
On farm land	309.9	299.5	301.7	291.9	297.5
On other real estate	983.7	1,183.1	1,274.5	1,393.0	1,343.5
Loans secured by U.S. Government and other securities (exclusive of loans to banks)	5,527.3	5,271.0	5,112.8	3,883.0	3,193.1
Loans to banks and trust companies	402.3	409.2	407.8	433.2	310.3
On securities			190.9	244.1	166.4
All other			216.9	189.1	143.8
Commercial paper bought in open market	301.2	241.2	279.5	97.2	55.5
Acceptances of other banks payable in U.S.	94.7	152.7	169.6	69.1	153.1
Notes, bills, acceptances, and other instruments evidencing loans payable in foreign countries	61.3	39.0	35.4	24.8	20.6
All other loans, incl. reporting banks' own acceptances purchased or discounted and overdrafts	7,610.0	7,564.4	6,788.2	5,734.6	4,469.1
MEMORANDA					
Loans secured by U.S. Government obligations	135.6	129.8	118.0	124.0	92.7
Total loans eligible for rediscounts with Federal Reserve banks	3,008.7	2,958.0	2,490.9	1,826.9	1,518.9
Investments, total	7,127.3	6,457.8	7,092.1	7,201.4	7,583.4
United States Government securities	3,008.7	2,612.1	2,654.8	3,176.5	3,760.9
Other domestic:					
State and local government bonds	773.5	792.1	963.0	968.0	1,068.0
Railroad bonds	642.4	579.0	699.1	679.9	630.3
Other public service corporation bonds	720.8	687.1	815.6	721.3	653.0
All other bonds	952.4	856.9	907.5	766.8	671.5
Stock of Federal Reserve banks	92.3	97.4	99.9	94.9	93.5
Stock of other corporations	102.7	102.8	112.5	105.7	98.7
Claims, warrants, judgments, etc.	166.6	134.8	185.6	161.5	154.5
Collateral trust and other corporation notes	141.0	112.1	133.0	124.8	122.6
Foreign securities:					
Government bonds	265.4	233.1	254.4	198.3	176.6
All other, including bonds of municipalities, etc.	261.5	250.4	266.6	202.7	154.0

[1] Includes rediscounts and overdrafts.

No. 249.—NATIONAL BANKS: Dividends and Earnings

Note.—Ratios are based on capital and surplus as reported at the end of the fiscal year. Net additions to profits are calculated before deducting dividends. Data include banks in Alaska and Hawaii

Yearly average or year (years ended June 30) [1]	Amount (millions of dollars)		Ratio (per cent)			Year ended June 30—	Amount (millions of dollars)		Ratio (per cent)		
	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	Dividends to capital and surplus	Net addition to profits to capital and surplus
1891–1895	62.7	49.0	7.3	5.4	6.9	1919	240.4	135.6	12.15	6.83	12.11
1896–1900	82.4	45.0	7.2	5.1	6.0	1920	282.1	147.8	12.10	6.70	12.78
1901–1905	102.2	64.0	9.2	6.2	10.0	1921	216.1	158.2	12.42	6.88	9.40
1906–1910 [2]	140.7	97.9	11.13	6.91	9.93	1922	183.7	165.9	12.69	7.04	7.79
1909	131.2	93.0	10.12	6.18	8.72	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	6.68	9.00
1912	149.1	120.3	11.66	6.93	8.59	1926	249.2	173.8	12.30	6.65	9.64
1913	161.0	119.9	11.40	6.75	9.08	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	[3] 139.8	169.2	10.78	5.98	[3] 4.94

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

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

No. 250.—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]

	1910	1915	1920	1925	1930	1931
Number reporting	15,950	19,457	22,109	20,769	16,827	15,266
Resources	**12,553,696**	**16,008,445**	**29,667,855**	**37,706,174**	**44,903,585**	**42,568,451**
Loans and discounts [1]	7,065,907	9,093,528	17,263,796	21,073,990	25,612,904	22,025,225
Investments	3,111,410	3,813,563	7,201,060	9,669,669	11,056,557	12,385,316
Lawful reserve	1,191,401	1,644,964	2,712,040	1,392,046	2,011,426	1,984,093
Other amounts due from banks				2,088,561	1,640,656	1,779,575
Exchanges for clearing house, checks, and other cash items	137,664	126,589	533,952	1,042,599	1,587,148	1,092,344
Cash on hand	558,356	599,945	626,027	591,681	523,463	515,738
All other	488,958	729,856	1,330,980	1,847,628	2,471,431	2,784,160
Liabilities	**12,553,696**	**16,008,445**	**29,667,855**	**37,706,174**	**44,903,585**	**42,568,451**
Capital stock	890,377	1,094,322	1,478,473	1,800,276	2,145,445	1,982,335
Surplus	903,060	1,010,829	1,423,962	2,054,406	3,377,660	3,298,975
Undivided profits—net					608,931	566,536
Reserves for dividends, contingencies, etc., and for interest, taxes, etc., accrued and unpaid	191,136	326,022	429,473	525,728	216,922	262,461
Demand deposits					13,172,315	11,220,325
Time deposits [2]	9,893,161	12,539,469	23,596,312	30,394,519	20,712,790	20,579,771
Deposits not classified					117,199	19,240
United States deposits				39,119	41,758	212,963
Due to banks [3]	428,264	668,671	948,856	1,623,114	2,534,249	2,634,205
Bills payable and rediscounts	83,743	128,094	1,078,702	446,295	436,784	304,087
All other	163,955	242,037	711,987	822,717	1,539,532	1,485,553

	1932					
	Total	State banks	Loan and trust companies	Stock savings banks	Mutual savings banks	Private banks
Number reporting	13,013	10,455	1,235	502	594	227
Resources	**34,877,420**	**9,478,798**	**13,118,830**	**1,090,232**	**11,134,142**	**55,418**
Loans and discounts [1]	17,803,476	5,135,199	5,907,134	592,091	6,140,558	28,494
Investments	11,026,589	2,266,923	4,202,012	350,573	4,194,572	12,509
Lawful reserve	1,524,365	541,297	891,902	54,369	35,646	1,162
Other amounts due from banks	1,350,369	541,533	427,646	26,731	349,158	5,301
Exchanges for clearing house, checks, and other cash items	553,898	73,504	475,819	2,018	2,436	121
Cash on hand	453,223	225,472	166,397	14,175	55,994	1,185
All other	2,165,499	694,870	1,057,920	50,285	355,778	6,646
Liabilities	**34,877,420**	**9,478,798**	**13,118,830**	**1,090,232**	**11,134,142**	**55,418**
Capital stock paid in	1,743,881	805,332	894,056	43,964		5,529
Surplus	2,798,645	526,841	1,343,982	33,772	890,026	4,024
Undivided profits—net	414,077	127,382	123,761	8,861	153,222	851
Reserves for dividends, contingencies, etc., and for interest, taxes, etc., accrued and unpaid	324,882	116,807	194,964	4,241	8,738	132
Demand deposits	8,464,926	3,076,752	5,285,355	80,406	3,351	19,062
Time deposits [2]	17,508,749	3,569,752	2,988,301	893,896	10,035,423	21,377
Deposits not classified	8,000	4,461	3,511	2		26
United States deposits	211,038	81,083	127,256	2,699		
Due to banks [3]	1,736,643	422,056	1,309,577	4,556	244	210
Bills payable and rediscounts	741,890	467,091	238,084	17,113	17,477	1,235
All other	919,089	281,251	609,083	722	25,661	2,972

[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.

Source: Comptroller of the Currency, Treasury Department.

No. 251.—CERTAIN MAJOR ITEMS OF SAVINGS OF THE UNITED STATES

NOTE.—In millions of dollars. Increase in savings and other time deposits is for fiscal years ended June 30; increase in assets of building and loan associations includes figures for calendar years for some States and fiscal years for others; other data are for calendar years. The last column should not be added to other items, as there is much duplication between it and them. For example, savings banks and life-insurance companies both invest their assets in the securities of corporations. On the other hand, many forms of savings, some of large amount, are 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 surpluses of corporations [2]	New capital issues
			Total	Ordinary companies	Industrial companies		
1913	144	111	524	374	150	----------	----------
1919	1,506	228	840	566	274	----------	3,588
1920	2,148	408	931	613	318	----------	3,635
1921	1,312	356	1,086	717	369	----------	3,577
1922	1,078	452	1,166	747	419	1,747	4,304
1923	2,148	600	1,295	800	486	2,528	4,304
1924	1,462	823	1,483	916	567	1,575	6,593
1925	1,945	743	1,690	1,043	647	2,957	6,220
1926	1,562	825	1,873	1,145	729	2,336	6,344
1927	1,395	822	2,079	1,269	810	1,115	7,791
1928	2,322	860	2,296	1,372	924	2,479	8,114
1929	[3] 195	679	2,430	1,433	997	2,320	10,183
1930	261	129	2,573	1,493	1,079	[3] 4,255	7,023
1931	[3] 259	[3] 412	2,730	1,588	1,142	----------	3,116
1932	[3] 5,933	[3] 667	----------	----------	----------	----------	1,191

[1] Includes deposits evidenced by savings pass books, time certificates of deposit, and postal savings.
[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, 252, 258, 286, and 295.

No. 252.—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 include for a number of others incomplete or estimated data or data for an earlier year

On or about June 30—	Savings and other time deposits (millions of dollars) [1]				Savings and other time depositors (thousands)			
	All banks	Mutual savings banks	State, etc., banks [2]	National banks	All banks	Mutual savings banks	State, etc., banks [2]	National banks
1910	6,835	[3] [4]	[3]	1,014	----------	[4]	----------	2,037
1911	7,963	3,459	3,024	1,480	----------	7,691	----------	2,341
1912	8,404	3,609	3,260	1,536	----------	7,880	----------	2,675
1913	8,548	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	----------	7,643	----------	[5]
1916	9,459	4,102	3,641	1,716	----------	7,917	----------	[5]
1917	10,876	4,389	4,304	2,173	----------	8,651	----------	[5]
1918	11,536	4,382	4,817	2,336	----------	8,326	----------	[5]
1919	13,040	4,732	5,532	2,776	----------	9,040	----------	6,703
1920	15,189	5,068	6,668	3,453	----------	9,079	----------	7,980
1921	16,501	5,568	7,255	3,677	----------	9,662	----------	8,109
1922	17,579	5,818	7,687	4,074	----------	9,687	----------	8,873
1923	19,727	6,273	8,767	4,686	----------	10,045	----------	9,899
1924	21,189	6,603	9,337	5,158	----------	10,384	----------	11,068
1925	23,134	7,152	10,172	5,810	----------	10,639	----------	11,865
1926	24,606	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	8,668	11,695	8,050	[6] 53,188	11,643	25,364	16,181
1929	28,218	8,994	11,426	7,889	[6] 52,764	11,875	25,467	15,422
1930	28,479	9,206	11,176	8,097	[6] 52,729	12,077	25,115	15,537
1931	28,220	10,034	10,141	8,045	[6] 51,399	12,544	23,662	15,193
1932	24,281	10,040	7,283	6,958	[6] 44,352	12,736	17,520	14,097

[1] Includes deposits evidenced by savings pass books, time certificates of deposit, 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 254.
[5] Not available.
[6] Figures include deposits for State chartered banks in States which did not previously report depositors as follows: Beginning 1928, Ohio 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. 253.—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]	1915	1920	1925	1930	1931	1932	1931	1932
Continental U. S.	6,835.5	8,807.4	15,188.8	23,134.1	28,478.6	28,219.6	24,281.3	51,399	44,852
New England	1,480.6	1,850.9	2,639.9	3,750.2	4,832.3	4,950.7	4,521.6	7,493	6,902
Maine	128.6	160.3	204.6	265.7	319.3	326.1	301.5	667	641
New Hampshire	88.7	112.2	147.8	190.5	227.1	230.0	222.7	372	364
Vermont	74.3	101.7	133.1	173.4	205.1	199.1	182.2	322	312
Massachusetts	783.6	[2] 988.6	[3] 1,471.6	2,139.5	2,800.1	2,868.5	2,594.8	4,158	3,794
Rhode Island	123.9	168.0	215.4	299.2	372.0	388.3	357.8	410	396
Connecticut	281.5	330.0	467.5	681.9	908.2	938.7	862.8	1,564	1,395
Middle Atlantic	2,652.4	3,193.0	4,705.3	8,773.6	11,789.6	12,131.7	10,788.8	18,574	17,062
New York	1,825.3	2,223.4	2,807.8	5,546.1	7,616.2	7,901.8	7,336.2	9,666	9,434
New Jersey	234.4	297.2	576.9	1,040.0	1,397.3	1,413.5	1,209.1	2,796	2,629
Pennsylvania	592.7	672.4	1,320.6	2,187.5	2,776.1	2,816.4	2,243.5	6,112	4,998
East North Central	1,082.1	1,472.7	2,779.3	4,074.3	4,817.2	4,342.9	3,340.5	11,694	8,260
Ohio	334.0	433.0	811.9	1,164.1	1,410.8	1,375.0	1,017.7	2,868	2,325
Indiana	75.4	109.3	281.2	259.5	361.1	346.1	257.3	[3] 341	[3] 265
Illinois	351.7	453.9	685.1	1,258.6	1,366.9	1,135.1	835.6	4,507	2,377
Michigan	192.7	288.8	651.3	939.0	1,156.9	978.2	819.2	2,615	2,048
Wisconsin	128.3	187.7	349.8	453.1	521.5	508.6	419.7	1,363	1,243
West North Central	609.5	856.4	1,303.1	1,976.1	1,734.5	1,648.3	1,262.6	3,302	2,845
Minnesota	140.7	225.0	485.3	536.6	507.1	506.2	425.0	925	857
Iowa	194.6	251.7	551.4	524.9	465.2	420.2	256.0	[4] 759	521
Missouri	113.3	150.2	247.4	372.2	391.3	388.6	319.2	879	[4] 879
North Dakota	34.4	51.9	121.5	95.9	57.5	51.5	40.3	68	56
South Dakota	39.1	47.0	134.9	102.1	67.4	54.8	40.3	77	55
Nebraska	54.0	76.4	155.4	213.2	137.0	126.2	90.0	315	229
Kansas	33.4	54.2	107.2	131.2	109.0	100.8	91.8	278	248
South Atlantic	327.6	436.8	1,034.9	1,418.7	1,534.7	1,492.9	1,270.2	3,564	3,231
Delaware	11.5	17.5	35.9	50.1	63.1	64.0	62.8	128	122
Maryland	125.1	153.3	265.1	385.8	512.2	540.6	466.3	997	935
Dist. of Columbia	8.4	18.8	33.4	80.8	105.0	115.2	116.6	325	323
Virginia	45.0	56.9	152.8	216.8	[4] 246.7	245.8	218.0	592	552
West Virginia	47.5	59.6	111.4	150.6	155.6	144.0	117.2	373	307
North Carolina	19.6	31.1	121.7	142.3	146.2	110.4	66.9	[4] 405	[4] 373
South Carolina	25.8	30.7	112.0	112.0	76.9	65.9	34.3	[4] 174	78
Georgia	29.2	46.0	137.5	132.0	141.4	127.4	116.1	380	359
Florida	15.5	22.9	65.1	148.3	87.6	73.7	72.1	190	[4] 181
East South Central	80.2	117.0	321.7	506.9	594.0	495.7	398.2	949	832
Kentucky	35.6	39.2	96.1	[6] 176.4	[4] 212.2	176.2	141.5	428	329
Tennessee	24.9	40.9	104.2	155.2	186.5	159.4	126.6	[5] 171	[5] 130
Alabama	9.3	19.2	60.2	93.1	100.8	88.9	72.5	251	[4] 231
Mississippi	10.4	17.7	61.2	82.2	94.5	71.3	57.6	100	[4] 93
West South Central	65.7	100.8	311.6	440.1	557.4	529.8	435.8	1,065	936
Arkansas	6.4	10.8	34.3	65.2	77.2	55.9	42.9	121	86
Louisiana	31.8	38.5	99.5	123.3	144.1	141.2	121.5	441	392
Oklahoma	10.0	18.4	85.6	87.3	109.9	107.5	88.3	[4] 148	[4] 141
Texas	17.5	33.1	92.2	164.3	226.2	225.1	183.0	[4] 354	[4] 317
Mountain	105.1	146.5	348.2	331.2	375.3	367.6	286.0	699	672
Montana	14.3	30.3	75.5	55.8	69.2	61.2	50.1	91	76
Idaho	8.1	9.7	32.5	25.8	33.6	31.6	24.2	76	61
Wyoming	7.1	9.0	21.0	20.9	25.4	24.9	20.0	41	37
Colorado	42.2	48.8	102.9	116.3	112.4	113.1	97.8	[5] 176	213
New Mexico	5.6	6.7	13.2	7.3	11.9	11.5	9.7	[4] 21	[4] 20
Arizona	2.4	8.4	37.0	26.4	32.5	29.5	19.9	64	43
Utah	21.4	27.5	51.6	61.2	69.0	75.5	47.7	205	[4] 198
Nevada	4.0	6.1	14.5	17.5	21.3	20.4	16.6	25	23
Pacific	432.4	633.3	1,244.8	1,863.3	2,243.7	2,259.9	1,977.6	4,060	3,613
Washington	53.1	74.6	159.4	181.3	227.5	231.0	180.7	526	413
Oregon	22.6	34.0	76.1	105.9	123.4	122.1	97.8	307	255
California	356.7	524.7	1,009.3	1,576.1	1,892.8	1,906.8	1,699.1	3,227	2,946
Hawaii					53.5	44.3	43.2	170	172

[1] Includes demand certificates of deposit for national banks.
[2] Data for mutual savings banks as of Oct. 31, 1915 and 1920.
[3] National and mutual savings banks only, data included for the latter being 1926 figures.
[4] Data for banks other than national are for the latest year available as follows: South Carolina, 1926; Iowa, Kentucky, Oklahoma, Texas, and Virginia, 1929; North Carolina and New Mexico, 1930; Alabama, Florida, Mississippi, Missouri, and Utah, 1931.
[5] National banks only.
[6] Includes 1924 data for State banks.

Source: American Bankers' Association.

No. 254.—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 per cent of the savings deposits in all savings banks. For figures for later years and also savings deposits in all classes of banks, see Table 252

[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	3,150	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	3,638	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	4,250	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	1,939.4	1910	7,482	3,360.6

Source: Comptroller of the Currency, Treasury Department.

No. 255.—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		
	1930	1931	1932	1930	1931	1932
Continental United States	12,077,272	12,544,423	12,734,892	9,205,580	10,034,022	10,039,958
New England	4,705,562	4,684,615	4,561,149	3,310,244	3,416,300	3,317,890
Maine	233,476	223,718	223,261	112,692	117,304	118,763
New Hampshire	270,304	274,670	268,828	181,289	183,863	179,223
Vermont	124,565	121,564	117,226	94,407	90,694	82,497
Massachusetts	2,954,855	2,938,208	2,848,601	2,100,326	2,165,835	2,095,250
Rhode Island	197,834	197,003	191,336	170,608	176,158	172,852
Connecticut	924,528	929,362	911,897	650,923	682,446	669,105
Middle Atlantic	6,502,852	7,011,960	7,316,339	5,328,072	6,014,558	6,130,754
New York	5,256,265	5,681,837	5,867,718	4,566,165	5,161,358	5,286,973
New Jersey	520,115	525,493	607,836	300,974	326,459	336,951
Pennsylvania	726,472	804,620	840,785	460,933	526,736	506,830
East North Central	191,275	195,837	195,399	137,966	150,764	139,732
Ohio	136,571	143,182	146,605	108,324	119,114	113,295
Indiana	[1] 33,374	[1] 33,374	[1] 33,374	21,260	23,883	19,381
Wisconsin	21,330	19,081	15,420	8,382	7,767	7,056
West North Central	138,754	106,856	100,509	71,411	67,017	62,680
Minnesota	138,754	106,856	100,509	71,411	67,017	62,680
South Atlantic	377,350	375,728	389,869	225,268	241,145	245,212
Delaware	48,727	49,201	49,091	25,435	27,104	27,779
Maryland	328,623	326,527	340,778	199,833	214,041	217,433
Pacific	161,479	169,637	171,627	132,619	144,243	143,880
Washington	93,736	99,439	99,285	55,060	57,521	53,026
California	67,743	70,198	72,342	77,559	86,722	90,854

[1] 1926 figures.

Source: American Bankers' Association.

No. 256.—SUMMARY OF POSTAL SAVINGS BUSINESS, 1912 TO 1932

NOTE.—In addition to main offices there were 806 branches and stations in operation on June 30, 1932. 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	18,580,042
1913	12,158	41,701,383	28,119,597	33,818,870	331,006	161,291	154,784	40,528	31,512,337
1914	9,639	47,815,249	38,189,848	43,444,271	388,511	150,390	141,904	49,014	40,919,673
1915	8,832	70,314,858	48,074,421	65,684,708	525,414	157,424	150,232	56,206	60,086,319
1916	7,701	76,775,868	56,440,691	86,019,885	602,937	181,173	168,833	68,546	80,775,586
1917	6,423	132,112,217	86,177,406	131,954,696	674,728	171,392	168,600	71,338	126,840,820
1918	5,926	116,893,259	100,376,456	148,471,499	612,188	117,864	130,133	59,068	140,658,608
1919	5,715	136,690,122	117,838,361	167,323,260	565,509	67,796	70,767	56,097	135,942,981
1920	5,583	139,208,954	149,255,892	157,276,322	508,508	72,066	69,043	59,120	126,426,019
1921	5,554	133,574,840	138,481,259	152,389,903	466,109	60,024	62,923	56,221	48,668,108
1922	0,020	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	103,606,808	90,426,172	147,359,254	411,394	37,563	37,790	58,400	114,597,400
1928	5,897	96,386,499	91,602,404	152,143,349	412,250	34,145	34,874	57,672	118,714,519
1929	5,976	112,446,412	110,945,232	153,644,529	416,584	27,530	27,763	57,439	127,630,413
1930	5,998	159,959,071	138,331,914	175,271,686	466,401	26,105	25,946	57,597	148,255,213
1931	6,665	366,900,908	194,755,724	[1]347,416,870	770,359	28,168	27,319	58,447	306,119,698
1932	6,743	860,195,852	422,792,099	[1]784,820,623	1,545,190	36,356	34,455	60,347	681,726,891

[1] Includes items shown on balance sheet as unclaimed not included in Table 257.

No. 257.—POSTAL SAVINGS DEPOSITS AND DEPOSITORS: BY STATES

State or Territory	Number of depositors, June 30, 1932	Balance to credit of depositors, June 30—	
		1931	1932
		Dollars	*Dollars*
Grand total	1,545,190	347,416,749	784,819,402
Cont'l U.S.	1,540,257	346,457,876	783,205,466
New England	62,695	12,866,980	43,673,761
Maine	1,178	170,303	713,030
New Hampshire	2,890	1,037,291	1,912,709
Vermont	371	66,308	234,296
Massachusetts	40,163	7,611,143	30,212,302
Rhode Island	2,824	568,004	1,430,306
Connecticut	15,269	3,413,850	9,171,118
Middle Atlantic	341,976	82,503,115	157,336,482
New York	200,881	55,962,172	81,779,461
New Jersey	41,724	7,246,708	24,645,037
Pennsylvania	99,371	19,294,235	50,911,334
East North Central	371,636	62,831,803	205,708,431
Ohio	74,898	9,209,881	41,337,438
Indiana	38,280	6,783,620	18,469,030
Illinois	180,587	31,060,964	95,431,919
Michigan	60,273	13,131,115	39,563,441
Wisconsin	17,598	2,646,223	9,906,603
West North Central	216,290	56,473,996	112,179,420
Minnesota	36,510	11,149,535	20,348,332
Iowa	59,847	14,344,235	32,022,306
Missouri	41,021	10,209,616	20,226,188
North Dakota	11,699	3,402,973	5,864,221
South Dakota	10,376	7,032,664	9,815,230
Nebraska	26,414	6,301,199	13,425,310
Kansas	21,423	6,033,774	10,477,773
South Atlantic	172,449	45,956,109	70,695,914
Delaware	1,056	167,240	407,108
Maryland	2,621	453,491	1,519,686
Dist. of Col.	5,332	862,572	1,745,597
Virginia	6,655	1,284,012	3,353,321
West Virginia	9,645	2,894,068	6,004,119
North Carolina	22,366	4,347,845	10,300,724
South Carolina	21,260	3,993,573	10,115,186
Georgia	21,909	6,570,849	9,374,163
Florida	81,605	25,382,459	27,876,010
East South Central	40,227	9,396,664	20,940,615
Kentucky	9,456	2,051,677	5,205,642
Tennessee	7,839	2,247,311	4,818,352
Alabama	15,205	3,519,489	6,854,092
Mississippi	7,727	1,578,187	4,062,529
West South Central	90,320	23,145,830	46,170,144
Arkansas	16,542	4,287,271	8,826,250
Louisiana	4,221	854,947	2,313,393
Oklahoma	29,837	9,844,542	14,943,029
Texas	40,220	8,159,070	20,282,472
Mountain	83,415	23,008,941	41,925,849
Montana	17,557	6,478,146	9,855,618
Idaho	12,942	3,144,500	5,451,009
Wyoming	7,066	2,348,418	3,884,445
Colorado	19,016	5,202,760	9,042,714
New Mexico	6,311	2,017,669	3,074,700
Arizona	12,847	2,517,561	6,107,877
Utah	4,777	754,561	2,763,562
Nevada	2,899	545,326	1,145,924
Pacific	160,749	28,274,429	84,574,850
Washington	51,993	10,581,437	25,480,737
Oregon	25,980	5,963,129	12,555,816
California	82,776	11,729,863	46,538,297
Alaska	989	661,042	815,379
Hawaii	625	40,201	137,900
Puerto Rico	3,155	229,293	620,104
Virgin Islands	164	28,337	40,493

Source of Tables 256 and 257: Report of the Postmaster General on the Postal Savings System.

No. 258.—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	1921	9,255	5,809,888	2,890,765
1900	5,490	[1] 1,495,136	614,119	1922	10,009	6,364,144	3,342,531
1905	5,326	1,686,611	646,705	1923	10,744	7,202,880	3,942,040
1910	5,937	2,216,912	945,569	1924	11,844	8,554,352	4,765,937
1913	6,429	2,836,433	1,248,479	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

State	Associations			Members			Assets (thousands of dollars)		
	1920	1930	1931	1920	1930	1931	1920	1930	1931
Maine	39	36	36	17,548	30,000	28,444	9,249	25,000	25,515
New Hampshire	25	29	29	11,067	17,670	17,625	4,701	13,793	14,217
Vermont	7	14	14	1,499	6,325	6,210	549	4,749	5,297
Massachusetts	202	227	227	296,411	513,431	499,523	174,043	552,718	560,103
Rhode Island	8	8	8	14,680	44,480	49,041	8,127	31,541	34,640
Connecticut	30	44	42	18,015	38,000	36,133	7,097	26,167	26,437
New York	267	307	302	249,174	595,865	585,471	115,780	440,729	443,252
New Jersey [2]	939	1,561	1,559	426,264	1,198,177	1,107,731	238,908	1,211,942	1,201,974
Pennsylvania	2,788	3,445	3,268	1,036,052	1,640,535	1,236,297	475,615	1,371,223	1,250,092
Ohio [2]	775	791	768	973,168	2,583,767	2,378,811	462,790	1,244,267	1,158,282
Indiana	358	398	386	212,300	429,447	400,800	109,721	306,870	288,584
Illinois	686	933	913	292,600	945,500	905,500	148,779	470,073	466,601
Michigan	75	67	66	99,765	210,722	219,174	50,977	167,200	165,270
Wisconsin	97	188	186	87,000	304,861	278,795	43,641	290,626	281,233
Minnesota	63	78	77	23,904	106,088	118,155	11,354	42,515	43,334
Iowa	68	74	76	49,000	65,343	66,405	17,654	49,708	48,104
Missouri	181	242	240	71,494	282,031	268,082	40,863	210,921	206,365
North Dakota	12	20	22	7,325	20,000	21,100	3,657	13,386	14,154
South Dakota	16	23	22	6,515	10,274	10,768	4,006	6,351	6,330
Nebraska	74	83	83	119,131	225,000	205,250	77,939	148,707	137,018
Kansas	90	155	152	86,716	210,283	193,771	39,060	132,863	126,320
Delaware	[3]	43	44	[3]	19,700	20,500	[3]	15,489	16,118
Maryland	[3]	[4] 1,150	[4] 1,100	[3]	[4] 330,000	[4] 320,000	[3]	[4] 220,000	[4] 210,000
District of Columbia	21	24	24	45,525	75,253	[4] 83,307	30,125	75,404	81,861
Virginia	[3]	92	94	[3]	66,730	66,570	[3]	60,440	60,366
West Virginia	53	63	61	26,150	58,800	56,350	9,928	36,252	37,741
North Carolina	145	235	229	57,526	95,915	95,208	29,368	92,102	85,348
South Carolina	129	[4] 150	[4] 152	15,920	[4] 34,000	[4] 32,000	5,777	[4] 27,000	[4] 25,550
Georgia	[3]	37	40	[3]	16,731	18,419	[3]	6,039	7,015
Florida	[3]	68	67	[3]	13,500	12,400	[3]	17,829	15,976
Kentucky	119	161	159	77,818	182,900	187,000	34,801	118,928	121,822
Tennessee	11	41	40	5,000	25,100	24,970	3,053	18,399	18,497
Alabama	[3]	40	40	[3]	41,340	39,440	[3]	29,435	28,080
Mississippi	[3]	47	47	[3]	30,000	27,380	[3]	20,462	18,680
Arkansas	49	66	67	28,000	72,717	61,571	17,887	44,737	44,811
Louisiana	68	102	101	80,000	200,930	190,496	46,184	182,358	170,871
Oklahoma	62	82	80	46,343	255,000	214,078	28,500	139,804	126,343
Texas	31	154	145	9,360	184,760	174,550	3,252	134,743	127,286
Montana	21	27	27	16,156	45,163	37,903	3,667	21,235	20,926
Idaho	[3]	14	14	[3]	8,565	7,850	[3]	5,640	5,169
Wyoming	[3]	12	11	[3]	18,400	18,500	[3]	9,829	9,894
Colorado	42	68	67	22,000	121,854	85,870	10,986	60,034	59,137
New Mexico	13	18	18	4,100	5,350	5,250	1,707	5,111	5,016
Arizona	4	9	9	3,100	7,250	7,050	1,174	4,838	4,960
Utah	[3]	24	24	[3]	95,283	86,654	[3]	55,643	53,246
Nevada	[3]	4	3	[3]	2,890	1,440	[3]	2,076	1,027
Washington	43	73	66	55,354	298,844	220,256	20,175	108,261	72,895
Oregon	19	31	27	17,611	52,000	46,000	5,200	30,509	27,010
California [5]	87	209	200	42,420	600,000	550,000	47,851	510,520	453,007

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

[2] *1920 data for New Jersey are as of June 30, for Ohio as of May 31; 1930 and 1931 data as of Dec. 31.*

[3] Not available; estimates for States not shown are included in United States total.

[4] Estimate.

[5] Data as of June 30, 1920, Dec. 31, 1930 and 1931.

Source: United States Building and Loan League.

No. 259.—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 ties	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	24,670
1924	18	398	1931	126	61,009	22,328
1925	26	500	1932	122	52,818	20,337
1926	12	381				

No. 260.—FEDERAL AND JOINT-STOCK LAND BANKS: UNMATURED PRINCIPAL OF MORTGAGE LOANS OUTSTANDING

NOTE.—All figures in thousands of dollars. Figures do not include the principal of delinquent installments. Payments made in advance of maturity have not been deducted as in Tables 261 and 262. Figures for joint-stock land banks include unpaid principal of loans of banks in receivership which amounted to $49,552,000 on December 31, 1932

Dec. 31—	Federal land banks	Joint-stock land banks	Dec. 31—	Federal land banks	Joint-stock land banks
1918	156,214	8,384	1926	1,077,819	632,476
1919	293,595	60,038	1927	1,155,644	667,314
1920	349,679	77,959	1928	1,194,470	656,516
1921	432,523	85,017	1929	1,197,950	627,415
1922	630,486	218,775	1930	1,188,132	590,811
1923	799,597	392,639	1931	1,163,476	536,644
1924	927,568	446,429	1932	1,116,692	459,183
1925	1,005,685	545,559			

No. 261.—FEDERAL LAND BANKS: PRINCIPAL ASSETS AND LIABILITIES AS OF DECEMBER 31

NOTE.—Under an amendment to the farm loan act approved January 23, 1932, the Secretary of the Treasury subscribed to additional stock of Federal land banks during 1932 in the amount of $125,000,000. Of this total, it was provided that $25,000,000 should be used for supplying banks with funds for the purpose of granting extensions to borrowers. At the close of 1932 extensions amounting to $23,419,800 had been granted to 93,093 borrowers

[All figures in thousands of dollars]

Bank	Assets					Liabilities			
	Total	Mortgage loans[1]	U.S. securities[2]	Accrued interest	Cash on hand and in banks	Capital stock	Reserves and undivided profits	Farm loan bonds outstanding[3]	Accrued interest
All banks:									
1929	1,301,138	1,197,282	21,816	18,678	13,720	65,735	18,384	1,187,662	16,207
1930	1,298,349	1,187,439	15,920	18,533	15,860	66,133	17,523	1,184,460	18,484
1931	1,282,880	1,162,889	12,249	18,024	11,272	65,676	15,869	1,169,877	18,593
1932	1,380,527	1,116,236	100,548	17,891	12,260	189,048	[4] 16,023	1,147,407	17,472
Springfield	61,052	49,285	6,376	816	677	9,682	488	49,459	803
Baltimore	79,041	63,792	8,618	1,239	1,432	10,479	919	65,887	1,086
Columbia	72,084	49,544	7,178	874	717	10,061	[5] 267	54,685	676
Louisville	134,023	115,209	9,729	2,034	1,458	14,705	2,711	114,614	1,719
New Orleans	124,855	93,421	6,809	1,602	1,473	18,452	1,444	102,282	1,682
St. Louis	123,103	97,948	11,377	1,604	1,669	15,187	728	105,095	1,423
St. Paul	148,529	106,707	12,151	1,532	337	25,242	448	119,629	1,893
Omaha	153,881	161,866	5,345	2,424	183	18,742	3,052	158,211	2,491
Wichita	101,873	85,706	9,250	1,252	1,412	11,969	1,098	86,737	1,411
Houston	171,471	155,208	7,780	2,375	2,285	18,174	4,823	145,330	2,183
Berkeley	61,505	48,303	7,020	821	378	10,204	545	49,636	733
Spokane	118,500	89,158	8,815	1,318	239	20,091	32	95,842	1,372

[1] Less payments on principal and principal of delinquent and extended installments.
[2] Less amounts sold under repurchase agreements.
[3] Unmatured. Figures for 1932 include $18,500,000 of bonds issued to the Reconstruction Finance Corporation as follows: Springfield, $2,000,000; Baltimore, $1,500,000; Louisville, $3,750,000; St. Louis, $5,000,000; Omaha, $1,000,000; Wichita, $1,250,000; Berkeley, $1,500,000; Spokane, $2,500,000.
[4] Net amount after deducting deficit for Columbia.
[5] Deficit.

Sources: Table 259, United States Building and Loan League; Tables 260 and 261, Federal Farm Loan Board.

No. 262.—JOINT-STOCK LAND BANKS: PRINCIPAL ASSETS AND LIABILITIES AS OF DECEMBER 31

NOTE.—All figures in thousands of dollars. Banks in receiverships are not included. Banks are grouped according to the Federal land bank district in which they are located. In a number of cases, however, the charter territory of the bank includes an adjacent State lying in another district

Federal land bank district, bank, and location	Assets			Liabilities			
	Total	Mortgage loans [1]	Accrued interest	Capital paid in	Surplus, reserves, etc.[2]	Farm loan bonds [3]	Accrued interest
All banks:							
1931	606,192	529,823	8,639	43,503	10,372	539,979	6,555
1932	485,861	409,450	7,064	35,073	12,059	425,317	5,502
District No. 1:							
New York, Rochester, N. Y	12,044	9,933	63	800	340	10,658	161
District No. 2:							
Potomac, Washington, D. C	5,482	4,584	80	400	87	4,841	58
Virginia-Carolina, Elizabeth City, N. C	6,166	4,803	87	400	130	5,428	73
Maryland-Virginia, Baltimore, Md	2,570	2,306	42	250	165	2,128	20
Pennsylvania, Philadelphia, Pa	6,072	5,282	87	419	345	5,184	51
Virginia, Charleston, W. Va	12,474	10,073	152	1,150	355	10,745	109
Greenbrier, Charleston, W. Va	2,178	1,914	29	250	37	1,844	20
District No. 3:							
Atlantic, Raleigh, N. C	13,985	11,110	186	908	3	12,570	183
Greensboro, Greensboro, N. C	4,552	3,613	63	250	147	4,074	40
North Carolina, Durham, N. C	13,066	9,228	165	700	410	11,515	185
First Carolinas, Columbia, S. C	9,062	6,162	82	785	[4] *294*	8,758	127
Atlanta, Atlanta, Ga	5,575	4,094	55	350	53	5,004	63
District No. 4:							
Mississippi, Memphis, Tenn	3,938	3,125	51	350	27	3,411	48
Tennessee, Memphis, Tenn	3,430	2,910	48	250	115	2,993	47
Kentucky, Lexington, Ky	9,607	8,017	149	650	113	8,298	112
Louisville, Louisville, Ky	5,355	3,945	82	500	[4] *246*	5,008	42
Union, Louisville, Ky	2,456	1,813	37	250	[4] *79*	2,240	19
First, Fort Wayne, Ind	7,499	6,329	90	400	372	6,561	52
Fletcher, Indianapolis, Ind	16,240	14,743	303	750	1,038	14,108	113
Indianapolis, Indianapolis, Ind	1,118	1,028	23	250	27	816	12
La Fayette, La Fayette, Ind	8,773	8,000	134	300	278	8,091	64
Union Trust, Indianapolis, Ind	653	583	13	250	143	252	5
District No. 5:							
First, Montgomery, Ala	7,974	6,411	110	550	[4] *146*	7,370	88
First, New Orleans, La	3,518	2,723	54	250	47	3,084	33
District No. 6:							
Corn Belt, Taylorville, Ill	863	835	14	250	17	550	4
First Trust, Chicago, Ill	70,064	63,416	933	4,600	990	63,127	828
Illinois, Monticello, Ill	6,376	5,456	92	450	23	5,834	44
Illinois Midwest, Edwardsville, Ill	5,146	4,337	73	350	[4] *120*	4,804	47
Phoenix, Kansas City, Mo	22,960	19,249	354	1,650	3,269	17,902	73
Southwest, Little Rock, Ark	4,167	3,575	74	285	10	3,553	52
District No. 7:							
Minneapolis Trust, Minneapolis, Minn	4,815	2,888	42	450	109	4,034	34
Union, Detroit, Mich	20,195	17,212	265	1,370	207	18,020	311
District No. 8:							
Burlington, Des Moines, Iowa	2,573	2,053	27	250	[4] *131*	2,412	30
Des Moines, Des Moines, Iowa	9,838	6,493	91	1,150	[4] *828*	9,274	81
Iowa, Sioux City, Iowa	7,039	6,704	109	500	380	6,666	87
Fremont, Lincoln, Nebr	8,034	6,147	97	850	92	6,972	67
Lincoln, Lincoln, Nebr	32,424	26,678	415	2,711	557	28,622	373
District No. 9:							
Denver, Denver, Colo	13,857	12,277	206	1,185	371	11,939	186
District No. 10:							
Dallas, Dallas, Tex	38,358	33,645	970	2,431	742	34,270	555
First Texas, Houston, Tex	7,273	6,473	79	550	200	6,369	71
San Antonio, San Antonio, Tex	18,316	16,422	502	1,227	521	15,761	233
District No. 11:							
California, San Francisco, Calif	15,039	13,127	117	916	1,067	12,807	188
Pacific Coast, San Francisco, Calif	18,382	15,998	249	1,400	755	14,431	280
Pacific Coast, Salt Lake City, Utah	4,252	3,812	62	300	26	3,781	76
District No. 12:							
Northwest, Portland, Oreg. [5]	106	11	------	87	17	------	------
Oregon-Washington, Portland, Oreg	3,075	2,366	33	250	32	2,695	13
Pacific Coast, Portland, Oreg	7,421	6,747	73	450	285	6,525	140

[1] Less payments on principal and principal of delinquent installments.
[2] Surplus, reserves, and undivided profits. The totals for all banks represent net amounts after deducting deficits of $5,628,000 in 1931 and $1,343,000 in 1932 shown by several banks.
[3] Outstanding unmatured. [4] Deficit. [5] In voluntary liquidation.

Source: Federal Farm Loan Board.

No. 263.—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 [2]	Debentures outstanding (unmatured)
		Cooperative associations	Financing institutions				
All banks:							
1924	120,049	43,507	18,760	8,160	24,000	1,070	49,710
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
Springfield	7,905	916	914	1,212	2,000	573	2,300
Baltimore	7,859	490	3,051	411	2,000	322	2,265
Columbia	4,857	1,512	1,609	1,171	5,000	[5] 624	400
Louisville	7,178	1,041	1,499	299	2,000	515	1,000
New Orleans	11,133	813	5,094	2,170	2,000	524	5,500
St. Louis	9,210	576	4,177	428	2,000	353	3,750
St. Paul	12,423	227	8,972	157	2,000	546	6,600
Omaha	14,333	91	11,110	66	2,000	445	8,370
Wichita	7,608	93	4,144	295	2,000	488	2,000
Houston	21,904	338	18,209	1,032	3,000	682	15,810
Berkeley	15,428	1,968	11,536	239	5,000	[5] 1,903	12,000
Spokane	17,333	1,202	12,205	340	3,000	244	11,675

[1] Excludes cash held as collateral.
[2] Each bank is capitalized at $5,000,000, subscribed by the Treasury of the United States, subject to call. Only amounts shown have been called and paid in.
[3] Net amount after deducting deficits as follows: Columbia—1926, $692,000; 1927, $934,000; 1928, $920,000; 1929, $839,000; 1930, $687,000; 1931, $635,000; 1932, $624,000; Berkeley—1932, $1,903,000.
[4] Excludes loans in suspense amounting to $1,933,000.
[5] Deficit.

No. 264.—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— [1]			Amounts outstanding Dec. 31—						
	1930	1931	1932	1926	1927	1928	1929	1930	1931	1932
Cooperative associations	93,144	145,260	89,245	52,704	31,991	36,174	26,073	64,377	45,255	9,866
Cotton	53,128	59,106	34,147	25,676	14,944	23,099	12,031	39,173	15,767	2,274
Tobacco			696	13,747	4,299	1,565				686
Wheat and other grains	15,131	30,685	14,026	3,501	2,537	2,483	4,412	3,436	10,457	455
Canned fruit and vegetables	3,977	8,378	3,588	1,464	1,142	2,118	1,326	2,771	2,516	1,605
Raisins and other dried fruits	3,386	2,646	5,397	4,757	6,395	4,679	3,182	5,510	4,180	945
Beans	1,519	1,065		50	310	124	489	1,365	312	
Wool and mohair	12,412	28,136	24,461	977	411	564	2,935	9,088	6,168	848
Rice	2,553	2,347	1,510	2,413	1,815	1,360	1,479	2,109	1,279	530
All other	1,039	6,898	5,420	120	138	182	219	924	4,576	2,522
Financing institutions	69,789	122,733	151,578	39,730	43,924	45,103	50,018	65,633	74,613	82,518
For—										
Agricultural credit corporations	41,060	55,611	53,280	23,786	22,528	20,991	21,009	30,408	30,848	30,882
Livestock loan companies	25,936	63,154	94,969	15,598	21,214	23,784	26,917	32,848	41,889	49,641
Banks and trust companies	2,794	3,968	3,329	345	183	328	2,092	2,377	1,877	1,994
Purpose—										
Cattle production	27,798	48,649	68,347	14,347	17,932	20,541	24,109	30,909	31,445	37,947
Other livestock production	11,230	27,746	42,237	10,185	15,574	15,663	11,203	15,349	19,507	21,186
General agriculture	30,761	46,338	40,994	15,199	10,418	8,898	14,706	19,375	23,662	23,385

[1] Data for 1930 cover original loans only while data for 1931 and 1932 relate to total loans, both original and renewal. Total loans and discounts during 1930 were as follows: Loans to cooperative associations, $109,927,000; loans to and discounts for financing institutions, $109,047,000.

Source of Tables 263 and 264: Federal Farm Loan Board.

No. 265.—FEDERAL AND JOINT STOCK LAND BANKS: NUMBER AND AMOUNT OF LOANS CLOSED AND AMOUNT OF LOANS OUTSTANDING, BY STATES

[Amounts in thousands of dollars]

Federal land bank, district, and State	Loans closed by Federal land banks				Loans closed by joint-stock land banks				Amount of loans outstanding Dec. 31, 1932 [1]	
	During 1932		Organization to Dec. 31, 1932		During 1932		Organization to Dec. 31, 1932 [2]		Federal land banks	Joint-stock land banks
	Number	Amount	Number	Amount	Number	Amount	Number	Amount		
Total	7,208	27,570	530,291	1,723,495	551	2,181	130,117	900,615	1,116,692	459,183
District No. 1	1,028	3,313	23,722	76,535	16	60	3,595	17,613	49,335	10,390
Maine	119	431	3,681	10,261					6,038	
New Hampshire	27	65	759	1,749					951	
Vermont	78	201	1,761	5,335					3,334	
Massachusetts	134	477	2,330	7,010					4,425	
Rhode Island	23	74	267	857					618	
Connecticut	82	294	1,992	6,777					4,352	
New York	483	1,466	10,971	36,791	13	36	3,053	14,763	24,466	8,785
New Jersey	82	301	1,931	7,754	3	24	545	2,849	5,151	1,605
District No. 2	461	1,335	35,151	95,163	35	114	9,399	38,806	63,805	20,753
Pennsylvania	140	354	8,559	22,744	14	37	3,218	12,193	15,391	6,971
Virginia	155	468	14,494	39,340	7	36	2,701	12,715	25,191	6,976
West Virginia	115	282	5,401	10,808	8	17	2,574	8,417	8,005	3,311
Maryland	40	168	1,445	6,051	6	24	906	5,480	3,749	3,496
Delaware	2	10	174	583					385	
Puerto Rico	9	54	5,078	15,637					11,082	
District No. 3	18	34	39,977	90,176	74	141	19,605	74,587	49,570	39,360
North Carolina	7	18	13,592	26,530	67	134	14,508	47,679	15,232	26,397
South Carolina	1	4	8,107	23,022	7	7	3,182	16,812	10,854	7,183
Georgia	9	11	13,315	31,004			1,918	10,096	18,171	6,280
Florida	1	1	4,963	9,621					5,313	
District No. 4	643	1,938	52,421	167,603	137	364	21,583	108,319	115,282	60,883
Tennessee	68	186	13,925	33,906			949	4,120	22,967	2,068
Kentucky	102	402	11,829	36,728	3	15	2,716	15,803	23,174	7,614
Indiana	264	739	17,414	61,716	111	286	9,773	52,019	43,436	31,029
Ohio	209	612	9,253	35,253	23	63	8,145	36,377	25,704	20,172
District No. 5	63	232	75,330	153,903	5	555	1,818	18,893	93,438	9,975
Alabama	23	33	28,424	53,090			1,084	6,918	32,744	4,226
Louisiana	14	61	15,901	39,354			76	1,489	24,863	565
Mississippi	26	138	31,005	61,459	5	55	658	10,491	35,831	5,184
District No. 6	110	528	41,090	144,286	173	813	17,444	150,099	97,974	74,556
Illinois	98	490	11,252	69,806	167	793	10,877	96,644	51,987	54,778
Missouri	12	38	11,965	42,123	2	6	4,697	36,993	25,857	9,778
Arkansas			17,873	32,357	4	14	1,870	16,461	20,129	9,999
District No. 7	841	2,711	48,528	135,627	22	112	9,625	69,178	108,722	18,103
Minnesota	297	1,227	13,075	61,046	10	62	5,107	44,684	32,450	9,058
Michigan	195	391	13,040	34,637	12	50	2,502	13,504	22,538	6,698
Wisconsin	109	377	10,133	40,825			1,203	6,222	23,368	
North Dakota	240	716	12,274	49,120			813	4,768	28,367	2,347
District No. 8	1,549	6,832	38,803	241,128	19	93	18,222	194,801	161,911	91,872
Iowa	602	3,414	14,286	116,096	12	69	11,025	133,485	79,153	62,509
Nebraska	603	2,890	13,153	72,939	5	22	4,289	37,435	48,296	19,650
South Dakota	161	517	8,596	43,216	2	2	2,140	18,203	28,227	6,169
Wyoming	3	11	2,768	8,876			768	5,678	6,236	3,545
District No. 9	580	1,834	41,631	135,095	32	112	7,412	48,713	85,721	22,858
Kansas	301	1,160	12,730	53,623	31	107	4,617	31,374	31,944	12,122
Oklahoma	127	291	11,048	30,921			1,277	7,106	20,097	3,146
Colorado	100	305	11,366	35,983	1	5	1,518	10,232	24,242	7,590
New Mexico	32	89	6,487	14,567					9,438	
District No. 10	1,020	4,930	70,077	214,787	14	92	14,121	104,222	155,405	66,710
Texas	1,020	4,930	70,077	214,787	14	92	14,121	104,222	155,405	66,710
District No. 11	270	1,808	19,919	78,171	20	209	4,174	50,083	48,353	27,007
California	153	1,000	11,144	46,292	14	184	3,304	44,190	26,448	23,565
Utah	46	149	6,277	19,888	1	4	187	867	13,309	455
Nevada	14	169	488	3,561	1	10	38	830	2,924	540
Arizona	57	290	2,010	8,429	4	11	585	4,196	5,673	2,438
District No. 12	645	2,276	43,642	141,023	4	17	3,116	25,297	89,178	16,216
Idaho	131	428	9,169	33,506	1	2	1,140	5,263	21,714	3,359
Montana	49	168	9,947	31,748			340	2,076	19,356	1,147
Oregon	157	604	8,309	28,727	3	15	1,377	15,281	18,247	10,218
Washington	308	1,076	16,228	47,042			253	2,677	29,860	1,491

[1] Unmatured principal except for loans of 3 joint stock land banks in process of liquidation through receivership for which unpaid principal is used.

[2] Includes banks in process of liquidation through receivership or liquidated through receivership.

Source: Federal Farm Loan Board.

No. 266.—FEDERAL LAND BANKS: Loans Submitted for Bond Issues During 1932, and from Organization to December 31, 1932, and Acreage and Appraised Value of Farms Securing Loans

Note.—Purchase money mortgages and loans replacing other loans to the same borrowers by the same banks, submitted for approval as collateral for bonds, are not included in this table and Table 267.

Bank	Loans submitted		Acres mortgaged	Original appraised value (thousands of dollars)			Average amount loaned per acre	Average appraised value per acre	
	Number	Amount (thousands of dollars)		Total	Land	Buildings		Land only	Land and buildings
Total during 1932	6,083	23,359	1,753,301	65,438	48,889	16,549	$13.33	$27.88	$37.32
Springfield	924	3,076	121,116	9,707	6,045	3,661	25.40	49.91	80.15
Baltimore	427	1,245	79,210	3,334	2,272	1,062	15.72	28.68	42.09
Columbia	24	41	3,854	142	87	55	10.66	22.52	36.79
Louisville	585	1,707	77,510	4,853	3,507	1,346	22.03	45.24	62.61
New Orleans	52	180	17,216	674	483	190	10.57	28.09	39.15
St. Louis	65	315	10,268	982	824	159	30.64	80.20	95.64
St. Paul	688	2,235	117,926	6,850	4,253	2,597	18.96	36.07	58.09
Omaha	1,111	5,147	220,547	15,301	12,167	3,134	23.34	55.17	69.38
Wichita	519	1,698	245,409	4,952	4,078	875	6.92	16.62	20.18
Houston	995	4,904	710,786	10,449	8,999	1,449	6.90	12.66	14.70
Berkeley	172	962	57,192	2,741	2,173	567	16.81	38.09	47.92
Spokane	521	1,849	92,267	5,454	4,001	1,454	20.04	43.36	59.12
Total from organization to Dec. 31, 1932	515,953	1,625,109	96,249,150	4,444,868	3,479,436	965,432	16.68	36.15	46.18

Source: Federal Farm Loan Board.

No. 267.—FEDERAL LAND BANKS: Loans Submitted for Bond Issues and Percentage Classification, by Purposes

	1928	1929	1930	1931	1932	Organization to Dec. 31, 1932
Amount submitted (thousands of dollars)	86,611	68,628	41,122	40,327	23,359	1,625,109
PURPOSES OF LOANS	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Total	100.0	100.0	100.0	100.0	100.0	100.0
Purchase of land	10.7	14.0	12.9	8.6	4.6	10.0
Equipment, fertilizer, livestock and irrigation	2.6	2.8	3.2	3.3	2.4	2.9
Buildings and improvements	3.9	4.2	4.3	3.3	2.2	4.9
Payment of mortgages	66.0	61.8	59.6	57.5	48.2	65.1
Payment of other debts	11.8	12.2	15.0	22.3	37.6	12.1
National farm loan association stock	5.0	5.0	5.0	5.0	5.0	5.0

Source: Federal Farm Loan Board.

No. 268.—RECONSTRUCTION FINANCE CORPORATION: Status of Loans to Each Class of Borrowers from February 2 to December 31, 1932

[All figures in thousands of dollars]

Class	Authorized [1]	Canceled or withdrawn	Advanced	Repaid	Outstanding
Grand total	1,937,668	69,727	1,524,747	300,023	1,224,724
Under sec. 5 of the Reconstruction Finance Corporation act, total	1,623,705	69,227	1,427,603	299,908	1,127,695
Banks and trust companies	[2] 949,858	52,906	850,882	256,284	594,598
Building and loan associations	99,780	3,414	93,933	9,684	84,249
Insurance companies	83,049	3,123	68,038	5,589	62,449
Mortgage loan companies	93,762	2,446	88,332	11,290	77,042
Credit unions	472	32	440	9	431
Federal land banks	29,000	5,500	18,500	----------	18,500
Joint-stock land banks	6,297	320	2,528	63	2,465
Agricultural credit corporations	3,620	43	3,457	1,082	2,374
Regional agricultural credit corporations	7,286	----------	5,372	1	5,371
Livestock credit corporations	13,146	1,179	11,810	4,067	7,744
Railroads (including receivers)	337,435	265	284,311	11,840	272,472

[1] Excludes $90,000 authorized to banks and trust companies upon performance of specified conditions.
[2] Includes $56,114,000, loans to aid in reorganization or liquidation of closed banks.

NO. 268.—RECONSTRUCTION FINANCE CORPORATION: STATUS OF LOANS TO EACH CLASS OF BORROWERS FROM FEBRUARY 2 TO DECEMBER 31, 1932—Contd.

[All figures in thousands of dollars]

Class	Authorized	Canceled or withdrawn	Advanced	Repaid	Outstanding
Under the emergency relief and construction act of 1932, total	313,963	500	97,144	115	97,029
Self liquidating projects under sec. 201 (a)	[3] 146,573	190	15,737	----------	15,737
Financing of agricultural commodities and livestock, sec. 201 (d)	54,776	310	1,440	115	1,325
Amounts made available for relief and work relief under sec. 1	112,615	----------	79,967	----------	79,967

[3] Includes 2 loans aggregating $241,000, temporarily suspended pending further consideration.

No. 269.—RECONSTRUCTION FINANCE CORPORATION: AMOUNTS ADVANCED, REPAID, AND OUTSTANDING, FOR PRINCIPAL BORROWERS, BY MONTHS, 1932

[In thousands of dollars]

Month	Advanced	Repaid	Outstanding [1]	Advanced	Repaid	Outstanding [1]	Advanced	Repaid	Outstanding [1]
	Grand total			Total, sec. 5, Reconstruction Finance Corp. act			Banks and trust companies (including receivers)		
Total, 1932	1,524,747	300,023	1,224,724	1,427,603	299,908	1,127,695	850,882	256,284	594,598
February	70,868	19	70,850	70,868	19	70,850	39,546	19	39,527
March	121,478	8,874	183,454	121,478	8,874	183,454	85,871	7,652	117,747
April	155,543	7,011	331,986	165,543	7,011	331,986	112,153	6,890	223,010
May	158,984	16,442	474,528	158,984	16,442	474,528	108,193	12,586	318,617
June	298,277	48,686	724,119	298,277	48,686	724,119	161,625	45,347	424,896
July	171,150	34,618	860,651	171,150	34,618	860,651	104,166	28,201	500,861
August	146,181	35,242	971,590	142,233	35,242	967,642	77,636	31,301	547,196
September	72,121	44,913	998,798	61,909	44,913	984,639	27,402	40,416	534,182
October	137,624	47,572	1,088,850	120,353	47,570	1,057,422	80,746	40,319	574,609
November	61,021	27,193	1,122,678	39,367	27,189	1,069,600	20,442	22,471	572,580
December	131,501	29,455	1,224,724	87,440	29,345	1,127,695	43,102	21,084	594,598
	Building and loan associations			Insurance companies			Mortgage loan companies		
Total, 1932	93,933	9,684	84,249	68,038	5,589	62,449	88,332	11,290	77,042
March	2,431	----------	2,431	6,636	74	6,562	1,277	----------	1,277
April	10,170	60	12,541	4,141	18	10,685	7,858	38	9,097
May	19,624	411	31,754	8,514	378	18,821	5,178	210	14,065
June	9,892	543	41,103	26,719	100	45,440	52,256	348	65,973
July	16,577	1,210	56,470	4,070	409	49,101	7,782	1,548	72,207
August	12,180	1,573	67,077	4,661	296	53,466	3,185	1,424	73,969
September	9,436	1,263	75,250	4,692	925	57,233	2,950	1,468	75,451
October	5,081	1,385	78,946	1,625	965	57,893	3,223	2,016	76,657
November	3,831	1,628	81,149	1,666	695	58,864	2,003	1,310	77,350
December	4,710	1,610	84,249	5,313	1,728	62,449	2,621	2,929	77,042
	Railroads			Total Emergency Relief and Construction acts			For relief work and work relief		
Total, 1932	284,311	11,840	272,472	97,144	115	97,029	79,967	----------	79,967
February	31,322	----------	31,322	----------	----------	----------	----------	----------	----------
March	24,792	1,148	54,966	----------	----------	----------	----------	----------	----------
April	18,816	----------	73,782	----------	----------	----------	----------	----------	----------
May	15,899	2,816	86,865	----------	----------	----------	----------	----------	----------
June	54,825	2,203	139,487	----------	----------	----------	----------	----------	----------
July	27,546	2,990	164,043	----------	----------	----------	----------	----------	----------
August	41,963	225	205,781	3,948	----------	3,948	3,948	----------	3,948
September	12,889	260	218,410	10,212	----------	14,160	10,212	----------	14,160
October	24,932	1,911	241,431	17,270	2	31,428	16,819	----------	30,979
November	8,683	162	249,952	21,653	4	53,078	20,463	----------	51,441
December	22,645	125	272,472	44,061	110	97,029	28,526	----------	79,967

[1] Outstanding at end of month or year.

Source of tables 268 and 269: Reconstruction Finance Corporation.

No. 270.—CLEARING HOUSE EXCHANGES: SUMMARY FOR UNITED STATES

NOTE.—Prior to 1920 data are for all cities reporting to the New York Clearing House Association; commencing 1920 they are for 166 identical cities. The comparability of these figures is affected (1) by changes in the number of cities reporting, and (2) by the tendency toward consolidation of banks, eliminating former clearings between two or more banks. Debits to individual account (Tables 271 and 272) are a more significant measure of volume of payment. The divisions shown in this table, with the exception of the New England, differ from the geographical divisions shown in most tables in the Abstract. The Eastern division includes the States comprising the Middle Atlantic division in other tables (see for example Table 247) 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, 963	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, 618
1905	140, 502	48, 623	8, 467	103, 765	91, 879	4, 016	20, 097	964	3, 194
1906	157, 681	53, 927	9, 245	117, 034	103, 754	4, 606	21, 877	1, 110	3, 810
1907	154, 477	59, 161	9, 712	108, 662	95, 315	5, 113	24, 746	1, 384	4, 860
1908	126, 239	52, 608	8, 115	85, 343	73, 631	4, 485	23, 145	1, 382	3, 768
1909	158, 877	59, 620	9, 372	111, 501	99, 258	5, 108	26, 682	1, 700	4, 514
1910	168, 987	66, 433	9, 707	116, 778	102, 554	5, 951	29, 148	1, 980	5, 422
1911	159, 540	67, 119	9, 616	106, 742	92, 420	6, 528	29, 062	1, 938	5, 654
1912	188, 686	72, 014	10, 278	111, 672	98, 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, 379
1917	305, 062	123, 528	14, 433	208, 061	181, 534	11, 771	56, 149	4, 485	10, 163
1918	320, 989	146, 464	16, 975	205, 810	174, 524	15, 577	63, 621	6, 599	12, 406
1919	387, 854	173, 151	19, 237	252, 255	214, 703	20, 707	72, 366	7, 695	15, 594
1920	456, 482	204, 144	22, 378	297, 275	252, 338	24, 908	84, 234	8, 381	19, 306
1921	370, 393	160, 311	17, 334	243, 087	204, 082	17, 650	68, 890	6, 285	17, 148
1922	375, 699	162, 372	18, 039	251, 262	213, 327	17, 205	65, 371	5, 897	17, 923
1923	404, 130	189, 509	21, 801	259, 423	214, 021	20, 378	74, 878	6, 167	21, 492
1924	430, 265	194, 766	23, 357	280, 971	235, 499	21, 952	75, 126	5, 720	23, 139
1925	490, 781	213, 907	25, 050	327, 767	276, 874	24, 613	82, 765	6, 092	24, 491
1926	519, 767	226, 324	27, 881	347, 045	293, 443	25, 884	85, 505	6, 180	27, 272
1927	530, 435	223, 276	29, 319	358, 909	307, 159	23, 572	85, 203	6, 143	27, 289
1928	598, 918	230, 000	29, 868	420, 641	368, 918	22, 927	88, 561	6, 622	30, 299
1929	696, 761	239, 823	29, 846	512, 491	456, 938	23, 578	92, 524	6, 977	31, 347
1930	614, 981	215, 509	29, 026	451, 290	399, 472	21, 066	79, 785	6, 371	27, 444
1931	450, 017	163, 182	22, 462	327, 701	267, 735	15, 908	58, 580	5. 133	21, 133
1932 [1]	285, 432	108, 126	14, 001	204, 312	177, 306	11, 693	36, 925	3, 563	14, 939

[1] Total clearings of 252 cities reporting in 1932 amounted to $292,581,000,000 compared with $460 953,000,000 reported by these cities in 1931.

Source: Comptroller of the Currency, Treasury Department.

No. 271.—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 war loan deposit accounts, also debits to savings accounts, payments from trust accounts, and certificates of deposits paid. Figures do not include *debits to the accounts of other* banks or in settlement of clearing-house balances, payment of cashiers' checks, charges to expense and miscellaneous accounts, corrections, and similar charges

Year	Total	Total, excl. New York City	New York City	Boston district (11 cities)	New York district (7 cities)		Philadelphia district (10 cities)	Cleveland district (13 cities)	Richmond district (7 cities)
					Total	Excl. New York			
1919	455,294	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	11,260	27,291	32,180	9,231
1928	806,406	306,195	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	481,557	217,523	263,834	24,153	272,183	8,349	21,062	24,079	7,661
1932	322,366	154,401	167,964	17,727	174,577	6,613	14,811	15,427	5,994

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	13,914	63,575	40,470	23,105	14,386	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	8,699	15,088	7,782	39,470
1928	13,707	79,062	51,162	27,900	15,495	9,297	16,083	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	4,606	22,256

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All districts:												
1926	54,145	44,915	56,464	51,837	48,020	50,662	50,959	47,011	46,954	52,535	47,384	57,070
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
All districts, excl. New York City:												
1926	23,607	20,102	23,469	22,537	21,449	22,466	23,300	20,778	21,336	23,780	21,594	24,493
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	21,755	25,847	25,225	25,346	27,029	23,897	23,401	24,450	27,705	25,880	29,659
1929	28,095	24,489	28,099	26,770	26,492	26,404	28,416	28,310	27,274	32,202	28,486	26,902
1930	25,691	21,508	24,983	24,315	24,388	24,621	23,145	20,941	21,253	23,679	19,686	23,107
1931	21,697	17,084	19,421	19,620	18,858	19,406	18,444	16,526	16,627	18,125	14,605	17,112
1932	15,893	12,870	13,729	14,366	12,498	12,901	12,511	11,756	11,767	12,354	10,935	12,820
New York City:												
1926	30,538	24,813	33,005	29,300	26,571	28,196	27,659	26,233	25,618	28,755	25,790	32,577
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

Source: Federal Reserve Board.

No. 272.—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 271

District and city	1924	1925	1926	1927	1928	1929	1930	1931	1932
Boston district:									
Bangor, Me	169	167	181	185	188	199	190	157	116
Boston, Mass	18,769	21,500	23,450	25,240	25,268	27,540	22,074	17,346	12,603
Fall River, Mass	359	401	355	376	371	354	277	234	164
Hartford, Conn	1,449	1,565	1,682	2,236	2,563	3,084	2,469	2,110	1,598
Holyoke, Mass	182	199	196	243	217	190	170	142	110
Lowell, Mass	231	249	247	243	239	254	223	196	145
New Bedford, Mass	366	404	360	384	322	378	297	236	163
New Haven, Conn	1,087	1,164	1,205	1,289	1,403	1,503	1,355	1,159	848
Providence, R. I	1,804	1,984	1,958	1,958	2,176	2,374	1,882	1,514	1,185
Waterbury, Conn	403	455	469	489	549	600	430	351	254
Worcester, Mass	857	926	929	943	928	995	845	707	540
New York district:									
Albany, N. Y	1,410	1,544	1,608	1,758	1,853	2,172	2,213	1,684	1,764
Binghamton, N. Y	235	263	270	279	299	330	285	233	189
Buffalo, N. Y	3,630	4,208	4,322	4,437	5,226	6,283	4,736	3,532	2,454
New York, N. Y	263,531	313,373	339,055	391,558	500,211	603,089	384,639	203,834	167,964
Passaic, N. J	397	491	510	547	579	562	493	432	293
Rochester, N. Y	1,856	2,076	2,106	2,194	2,273	2,370	1,907	1,577	1,228
Syracuse, N. Y	802	888	961	1,046	1,144	1,255	1,081	890	686
Philadelphia district:									
Altoona, Pa	180	189	197	207	207	211	192	146	112
Chester, Pa	278	304	322	275	316	325	294	229	158
Lancaster, Pa	335	366	351	351	396	433	397	316	203
Philadelphia, Pa	18,841	21,109	21,938	22,840	25,678	28,253	22,254	17,840	11,907
Scranton, Pa	906	882	915	923	931	922	790	700	605
Trenton, N. J	755	820	871	905	968	1,038	908	924	703
Wilkes-Barre, Pa	586	589	565	587	611	570	468	410	328
Williamsport, Pa	200	215	230	249	253	272	211	171	114
Wilmington, Del	440	504	581	670	807	1,099	885	684	501
York, Pa	252	274	279	283	298	317	290	241	180
Cleveland district:									
Akron, Ohio	878	1,081	1,130	1,218	1,343	1,442	1,170	942	684
Cleveland, Ohio	7,588	8,359	9,088	9,793	10,188	11,439	9,882	7,822	4,889
Columbus, Ohio	1,614	1,766	1,926	2,017	2,063	2,319	2,205	1,788	1,141
Dayton, Ohio	816	936	1,058	1,132	1,100	1,299	1,066	864	523
Erie, Pa	378	412	434	435	454	497	467	375	246
Greensburg, Pa	266	250	249	270	250	255	236	100	63
Lexington, Ky	262	277	281	299	297	340	298	235	187
Oil City, Pa	158	179	172	186	212	235	196	147	106
Pittsburgh, Pa	10,140	11,316	11,342	12,273	12,190	13,515	11,937	9,101	6,027
Springfield, Ohio	234	265	289	287	281	299	271	209	138
Toledo, Ohio	2,168	2,494	2,637	2,857	3,354	2,769	2,190	1,492	893
Wheeling, W. Va	543	550	568	560	626	627	528	440	319
Youngstown, Ohio	730	842	848	854	893	988	812	563	314
Richmond district:									
Baltimore, Md	4,527	5,072	5,205	5,052	4,942	5,217	5,166	4,413	3,384
Charlotte, N. C	527	590	612	659	690	713	582	500	407
Columbia, S. C	252	237	229	281	292	299	303	261	169
Greenville, S. C	310	314	336	333	285	272	219	181	124
Norfolk, Va	828	865	951	898	859	804	682	566	425
Raleigh, N. C	337	406	318	297	297	300	288	259	180
Richmond, Va	1,518	1,709	1,690	1,711	1,720	1,773	1,656	1,480	1,305
Atlanta district:									
Atlanta, Ga	1,669	1,905	1,961	1,886	2,026	2,553	1,917	1,625	1,283
Augusta, Ga	330	348	320	331	331	329	258	207	154
Birmingham, Ala	1,410	1,604	1,726	1,794	1,806	1,785	1,475	1,158	739
Chattanooga, Tenn	450	515	582	587	594	632	571	455	320
Jacksonville, Fla	730	1,188	1,341	1,047	903	908	834	684	513
Knoxville, Tenn	378	383	413	423	441	435	372	307	247
Macon, Ga	257	291	287	270	272	245	203	155	113
Mobile, Ala	342	423	470	483	482	496	443	350	272
Montgomery, Ala	262	292	288	314	333	344	286	205	153
Nashville, Tenn	886	978	1,003	1,090	1,220	1,326	1,087	826	640
New Orleans, La	3,882	4,314	4,146	4,189	4,109	4,095	3,531	3,162	2,307
Pensacola, Fla	86	107	107	96	92	90	80	70	52
Savannah, Ga	499	560	603	610	534	522	442	362	286
Tampa, Fla	440	904	921	579	468	416	354	298	226
Vicksburg, Miss	100	102	96	92	95	91	70	54	45
Chicago district:									
Bay City, Mich	138	158	162	157	153	166	139	113	74
Bloomington, Ill	136	155	156	157	172	192	173	143	97
Cedar Rapids, Iowa	410	500	486	499	546	573	549	468	339
Chicago, Ill	35,723	40,470	42,839	45,970	51,162	58,739	47,094	35,065	23,823
Davenport, Iowa	354	382	410	432	510	564	566	455	265
Decatur, Ill	191	232	240	248	250	258	234	177	121
Des Moines, Iowa	1,025	894	975	986	997	1,022	980	857	696
Detroit, Mich	8,226	9,971	10,482	10,225	13,427	14,759	11,993	9,051	6,255
Dubuque, Iowa	174	183	186	195	202	190	179	137	86
Flint, Mich	367	380	439	524	605	632	446	360	251

For footnote see p. 256.

No. 272.—Debits to Individual Accounts: Volume Reported by Banks in 141 Principal Cities—Continued

District and city	1924	1925	1926	1927	1928	1929	1930	1931	1932
Chicago district—Continued.									
Fort Wayne, Ind.	485	522	510	516	560	637	554	434	283
Grand Rapids, Mich.	803	1,026	1,040	995	1,052	1,107	881	754	538
Indianapolis, Ind.	1,811	1,884	2,207	2,223	2,279	2,503	2,165	1,685	1,402
Kalamazoo, Mich.	245	273	292	307	344	358	304	252	176
Lansing, Mich.	352	403	402	385	420	512	362	281	177
Milwaukee, Wis.	3,142	3,398	3,620	3,700	3,740	3,796	3,532	2,932	2,215
Peoria, Ill.	487	554	571	578	644	739	664	501	372
Rockford, Ill.	293	339	381	398	432	470	378	271	133
Sioux City, Iowa	934	1,033	976	867	990	753	678	503	304
South Bend, Ind.	487	594	608	583	596	651	517	445	291
Waterloo, Ind.	211	221	236	244	273	290	246	172	84
St. Louis district:									
Evansville, Ind.	354	472	492	581	582	462	324	269	187
Little Rock, Ark.	805	884	979	954	905	[2] 628	494	329	223
Louisville, Ky.	1,998	2,262	2,358	2,312	2,458	2,524	2,184	1,574	1,248
Memphis, Tenn.	1,650	1,823	1,821	1,952	1,912	2,196	1,681	1,206	988
St. Louis, Mo.	8,006	8,944	9,090	8,051	9,548	9,841	8,348	7,085	5,187
Minneapolis district:									
Aberdeen, S. Dak.	73	84	81	81	90	86	74	60	40
Billings, Mont.	86	91	95	100	117	120	98	84	60
Duluth, Minn.	1,270	1,277	954	1,112	1,094	1,004	884	611	410
Fargo, N. Dak.	139	173	186	188	220	242	207	179	144
Grand Forks, N. Dak.	84	101	108	99	103	98	84	72	52
Helena, Mont.	114	114	108	109	116	124	105	91	68
Minneapolis, Minn.	4,408	5,069	4,684	4,838	5,295	6,010	5,081	3,871	2,913
St. Paul, Minn.	1,974	2,037	1,987	2,074	2,148	2,201	2,038	1,669	1,300
Superior, Wis.	92	93	98	90	104	105	92	72	51
Kansas City district:									
Albuquerque, N. Mex.	118	121	132	144	155	162	151	127	92
Bartlesville, Okla.	151	193	251	286	213	270	314	209	207
Colorado Springs, Colo.	155	185	181	181	202	208	202	169	128
Denver, Colo.	1,977	2,130	2,159	2,119	2,196	2,434	2,058	1,687	1,231
Joplin, Mo.	173	210	222	187	172	185	130	91	72
Kansas City, Kans.	234	237	245	246	247	245	240	185	133
Kansas City, Mo.	4,036	4,465	4,633	4,656	5,077	5,099	4,986	3,856	2,830
Muskogee, Okla.	151	154	145	145	146	153	126	94	76
Oklahoma City, Okla.	913	1,036	1,134	1,262	1,364	1,569	1,473	1,043	720
Omaha, Nebr.	2,207	2,437	2,387	2,408	2,601	2,767	2,507	2,004	1,329
Pueblo, Colo.	232	246	247	208	262	285	252	218	150
St. Joseph, Mo.	736	742	748	682	714	704	563	414	272
Topeka, Kans.	185	211	212	230	248	249	246	204	148
Tulsa, Okla.	1,009	1,269	1,532	1,577	1,658	1,996	1,780	1,086	872
Wichita, Kans.	508	557	590	[3] 698	829	882	743	543	384
Dallas district:									
Austin, Tex.	218	249	238	238	238	271	243	221	191
Beaumont, Tex.	199	214	259	288	301	344	302	236	168
Dallas, Tex.	2,179	2,527	2,542	2,620	2,868	3,134	2,641	2,002	1,585
El Paso, Tex.	399	397	381	385	426	491	433	290	185
Fort Worth, Tex.	862	909	1,018	1,139	1,277	1,377	1,084	837	632
Houston, Tex.	1,500	[4] 1,984	[4] 2,116	2,186	2,319	2,536	2,222	1,799	1,360
Shreveport, La.	428	474	484	468	506	539	451	344	279
Texarkana, Tex.	103	113	126	126	128	128	97	70	44
Tucson, Ariz.	102	109	109	111	128	142	131	125	99
Waco, Tex.	228	221	201	221	224	233	192	159	123
San Francisco district:									
Boise, Idaho	140	151	163	169	187	191	175	159	118
Fresno, Calif.	400	468	485	495	436	424	395	272	188
Long Beach, Calif.	607	572	591	580	674	752	580	473	307
Los Angeles, Calif.	8,921	9,458	10,475	11,199	12,912	14,622	11,999	9,288	6,561
Oakland, Calif.	1,481	1,720	2,065	2,697	3,017	2,846	2,317	2,247	2,021
Ogden, Utah	286	320	249	220	234	245	224	167	116
Pasadena, Calif.	387	417	445	481	487	490	406	354	249
Portland, Oreg.	1,942	1,999	2,195	2,046	2,202	2,371	2,100	1,711	1,177
Reno, Nev.	96	104	111	114	123	156	133	119	82
Sacramento, Calif.	520	438	394	480	605	625	581	558	451
Salt Lake City, Utah	780	865	865	862	927	1,012	885	711	515
San Diego, Calif.	580	669	771	743	753	776	657	558	400
San Francisco, Calif.	9,768	11,496	12,598	15,052	18,384	16,987	15,055	11,179	7,742
Seattle, Wash.	2,167	2,425	2,551	2,616	2,958	3,297	2,814	2,242	1,515
Spokane, Wash.	567	627	670	668	686	737	612	485	328
Stockton, Calif.	286	317	325	343	352	345	285	205	151
Tacoma, Wash.	480	524	548	539	559	608	526	385	243
Yakima, Wash.	127	160	162	160	173	187	178	142	93

[1] Figures through April, 1928, are for Charleston, S. C. Greenville substituted for Charleston in national summaries beginning May, 1928.
[2] Revised figure.
[3] Includes debits of $64,250,000 for June–December, 1927, of 10 banks not reporting until June, 1927.
[4] Revised to include 8 banks, figures for which did not become available until 1927.

Source: Federal Reserve Board.

No. 273.—BANKS SUSPENDED AND REOPENED: CONTINENTAL UNITED STATES, 1921 TO 1932, AND BY STATES, 1932 [1]

NOTE.—Capital and deposits in thousands of dollars. Banks closed on account of financial difficulties by order of supervisory authorities or by the directors of the bank. Figures of suspensions include banks subsequently reopened.

Year	Banks suspended			Banks reopened [2]	
	Number	Capital	Deposits	Number	Deposits
	All banks				
1921	505	23,732	172,188	97	24,437
1922	367	14,560	93,043	118	45,452
1923	646	21,367	149,601	69	17,348
1924	775	28,432	210,151	111	31,523
1925	618	24,753	167,555	81	22,931
1926	976	33,482	260,378	162	59,492
1927	669	25,371	199,329	129	43,144
1928	499	19,909	142,580	53	22,555
1929	659	33,432	230,643	69	28,586
1930	1,352	111,701	853,363	159	63,013
1931	2,294	207,965	1,690,669	276	157,159
1932	1,456	108,450	715,626	290	276,194
	National-bank members				
1921	52	2,989	20,777	9	2,201
1922	49	3,535	20,197	25	7,874
1923	90	4,823	34,244	11	3,670
1924	122	7,660	64,890	17	6,567
1925	118	7,990	55,574	8	3,441
1926	123	5,095	43,998	10	4,108
1927	91	5,415	45,547	8	4,759
1928	57	4,150	36,483	2	427
1929	64	5,095	41,614	3	1,404
1930	161	19,675	170,446	4	1,517
1931	409	49,347	439,171	25	24,717
1932	276	34,560	214,150	44	56,267
	State-bank members				
1921	19	2,234	17,363	1	468
1922	13	821	7,113	2	3,356
1923	32	2,110	12,559	3	1,133
1924	38	2,670	13,045	2	549
1925	28	1,950	9,883	2	315
1926	35	2,499	23,466	4	3,408
1927	31	2,474	17,942	2	2,200
1928	16	975	10,247	3	5,547
1929	17	1,980	16,459	2	506
1930	27	30,835	202,399	2	1,536
1931	107	34,414	293,957	6	27,753
1932	55	10,145	55,153	8	15,399
	Nonmember banks				
1921	434	18,509	134,048	87	21,768
1922	305	10,204	65,733	91	34,222
1923	524	14,434	102,798	55	12,545
1924	615	18,102	131,616	92	24,407
1925	472	14,813	102,098	71	19,175
1926	818	25,288	192,914	148	51,976
1927	547	17,482	135,840	119	36,185
1928	426	14,784	95,850	48	16,581
1929	578	26,357	172,570	64	26,676
1930	1,164	61,281	480,518	153	59,960
1931	1,778	124,204	957,541	245	104,689
1932	1,125	63,745	446,323	238	204,528

Division and State	Banks suspended		Banks reopened	
	Number	Deposits	Number	Deposits
United States	1,456	715,626	290	276,194
New England	11	72,563	3	8,571
Maine				
New Hampshire			1	402
Vermont				
Massachusetts	5	29,678	2	8,169
Rhode Island				
Connecticut	6	42,885		
Middle Atlantic	60	80,622	18	33,417
New York	10	15,316	5	18,453
New Jersey	8	14,309	7	9,389
Pennsylvania	42	50,937	6	5,575
East North Central	457	227,514	101	121,094
Ohio	26	8,293	15	65,009
Indiana	68	37,216	11	5,725
Illinois	209	126,878	23	10,018
Michigan	87	36,358	36	30,968
Wisconsin	67	18,769	16	9,364
West North Central	446	124,161	36	36,640
Minnesota	62	12,029	4	1,205
Iowa	147	75,710	5	30,639
Missouri	80	13,903	7	1,013
North Dakota	14	1,066	4	597
South Dakota	23	5,183		
Nebraska	51	6,884	13	2,650
Kansas	69	9,386	3	536
South Atlantic	109	62,639	50	32,916
Delaware	1	792	1	792
Maryland	4	5,520	8	2,957
Dist. of Col	4	3,497		

Division and State	Banks suspended		Banks reopened	
	Number	Deposits	Number	Deposits
South Atlantic—Con.				
Virginia	9	879	2	591
West Virginia	6	922	11	12,961
North Carolina	31	14,129	14	11,800
South Carolina	18	28,976	8	2,215
Georgia	25	3,947	2	667
Florida	11	3,977	4	933
East South Central	96	23,040	31	10,000
Kentucky	38	10,493	8	1,084
Tennessee	28	4,806	5	642
Alabama	18	5,797	3	863
Mississippi	12	1,944	15	7,411
West South Central	94	23,123	31	18,675
Arkansas	13	925	7	1,216
Louisiana	14	5,432	8	6,079
Oklahoma	32	8,240	6	613
Texas	35	8,526	10	5,767
Mountain	96	49,998	13	10,448
Montana	8	1,364		
Idaho	24	11,020	8	8,254
Wyoming	2	878		
Colorado	24	2,844		
New Mexico	1	83		
Arizona	7	5,862		
Utah	14	9,816	5	2,194
Nevada	16	17,531		
Pacific	87	51,966	7	9,443
Washington	28	23,764	2	1,223
Oregon	26	8,032	3	5,726
California	33	20,170	2	1,494

[1] Figures for 1921 to 1931 revised.

[2] Figures of capital not available.

Source: Federal Reserve Board.

12. WEALTH

(Data in this section relate to continental United States)

No. 274.—ESTIMATED NATIONAL WEALTH OF THE UNITED STATES: TOTAL, 1850 TO 1922, AND BY CLASSES OF PROPERTY, 1900 TO 1922

NOTE.—Estimates of national wealth for the earlier censuses were not made by precisely the same methods used more recently and are not closely comparable. Changes in buying power of money, as indicated by levels of prices and wages, materially affect the comparisons (see price tables in sec. 14). For distribution of principal classes of property by States for 1912 and 1922, see Statistical Abstract, 1932, Table 275. There have been no official estimates of wealth since 1922

[All figures, except per capita, in millions of dollars]

Year	Amount (millions of dollars)			Amount per capita (dollars)		
	Total	Taxable	Exempt	Total	Taxable	Exempt
1850	7,135	7,135	----	308	308	----
1860	16,160	16,160	----	514	514	----
1870 (currency basis)	30,068	30,068	----	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	229,408
Real property taxed	45,325	55,510	[3] 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	2,505
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	1,676	2,220	4,597	4,878
Telegraph systems	212	227	223	204
Telephone systems	400	586	1,081	1,746
Pullman and other private cars not owned by railroads	99	123	123	545
Pipe lines				500
Shipping and canals	538	846	[4] 1,491	[5] 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	5,460
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. 275.—WEALTH: Estimated Value of All Tangible Property Situated in Each Geographic Division and State

Note.—See headnote to Table 274. 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					
	1880	1900	1904	1912 [1]	1922 [1]		1880	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	5,228	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	286	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	47,601	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	63,823	55,516	1,117	1,230	1,416	2,112	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	8,817	15,500	22,233	21,191	1,324	1,447	1,689	2,663	3,295
Michigan	2,095	2,654	3,282	5,298	11,405	10,890	1,001	1,096	1,397	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	1,548	2,667	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	1,293	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	28,169	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	3,807	3,726	464	422	493	802	1,306
Florida	390	556	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	881	1,437
Kentucky	1,172	1,365	1,528	2,277	3,582	3,401	631	636	675	981	1,450
Tennessee	888	957	1,104	1,884	4,228	3,975	502	473	520	848	1,773
Alabama	623	775	965	2,015	3,002	2,891	412	424	494	931	1,244
Mississippi	454	557	688	1,235	2,178	2,081	352	359	416	667	1,216
West South Central	3,264	4,563	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] 1,002	1,684	1,864
Texas	2,106	2,322	2,837	6,379	9,851	9,453	942	762	841	1,561	2,010
Mountain	2,927	3,244	3,973	6,585	12,206	10,455	2,250	1,925	2,228	2,312	3,435
Montana	453	614	746	1,133	2,223	1,990	3,429	2,523	2,633	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	4,603
Colorado	1,146	938	1,207	2,315	3,230	2,860	2,780	1,738	2,046	2,702	3,235
New Mexico	232	208	332	495	852	737	1,507	1,374	1,557	1,388	2,299
Arizona	189	203	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	4,698	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.

13. BUSINESS FINANCE

No. 276.—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							
			1925	1926	1927	1928	1929	1930	1931	1932
North America:		*Dollars*								
Canada	Dollar	1.0000	0.9996	0.9999	0.9997	0.9991	0.9925	0.9984	0.9633	0.8809
Cuba	Peso	1.0000	.9994	.9993	.9997	.9996	.9996	.9995	.9993	.9994
Mexico	do.[1]	.4985	.4939	.4831	.4720	.4811	.4818	.4713	[1].3549	.3185
South America:										
Argentina	Peso (gold)	.9648	.9138	.9215	.9630	.9648	.9513	.8351	.6674	.5844
Brazil	Milreis	[2].1196	.1220	.1444	.1184	.1197	.1181	.1071	.0703	.0712
Chile	Peso [3]	.1217	.1160	.1208	.1207	.1215	.1206	.1208	.1207	.0791
Colombia [4]	do	.9733	.9835	.9845	.9769	.9769	.9655	.9649	.9657	.9528
Peru [4]	Sol [5]	[5].2800	4.0210	3.7410	3.7377	3.9705	3.9998	.3562	.2807	.2316
Uruguay	Peso	1.0342	.9840	1.0147	1.0134	1.0266	.9863	.8587	.5536	.4705
Venezuela [4]	Bolivar	.1930	.1929	.1926	.1898	.1925	.1930	.1890	.1704	.1509
Europe:										
Austria	*Schilling*	.1407	[6].1406	.1407	.1408	.1407	.1406	.1409	.1402	.1396
Belgium	Belga [7]	[7].1390	[7].04758	[7].03205	.1392	.1393	.1391	.1395	.1393	.1391
Bulgaria	Lev	[8].0072	.00732	.00721	.00724	.00721	.00722	.00721	.00716	.00719
Czechoslovakia.	Koruna [9]	[9].0296	.02966	.02962	.02962	.02963	.02961	.02964	.02962	.02962
Denmark	Krone	.2680	.2113	.2623	.2673	.2674	.2668	.2677	.2506	.1883
Finland	Markka	[10].0252	.02522	.02521	.02520	.02517	.02516	.02517	.02388	.01555
France	Franc	[11].0392	.04767	.03243	.03924	.03921	.03916	.03925	.03920	.03928
Germany	Reichsmark	.2382	.2380	.2380	.2376	.2386	.2381	.2385	.2363	.2375
Greece	Drachma	[12].0130	.01561	.01258	.01317	.01304	.01293	.01296	.01293	.00832
Hungary	Pengo [13]	.1749	[13].00001	.1756	.1747	.1744	.1744	.1749	.1745	.1745
Italy	Lira	[14].0526	.03978	.03889	.05156	.05257	.05233	.05237	.05206	.05126
Netherlands	Florin	.4020	.4016	.4010	.4011	.4022	.4016	.4023	.4023	.4029
Norway	Krone	.2680	.1788	.2233	.2605	.2660	.2668	.2676	.2505	.1800
Poland	Zloty [15]	[15].1122	.1774	.1118	.1129	.1121	.1119	.1121	.1120	.1118
Portugal	Escudo	[16].0442	.05040	.05125	.05029	.04468	.04471	.04494	.04244	.03196
Rumania	Leu	[17].0060	.00483	.00462	.00604	.00613	.00596	.00595	.00595	.00597
Spain	Peseta	.1930	.1434	.1490	.1706	.1659	.1468	.1167	.0955	.0604
Sweden	Krona	.2680	.2655	.2676	.2681	.2680	.2678	.2685	.2525	.1847
Switzerland	Franc	.1930	.1933	.1931	.1926	.1926	.1928	.1938	.1940	.1940
United Kingdom.	Pound	4.8665	4.8289	4.8582	4.8610	4.8662	4.8569	4.8621	4.5350	3.5061
Yugoslavia	Dinar	[18].0176	.01705	.01765	.01760	.01760	.01759	.01768	.01768	.01641
Asia:										
Hong Kong	Dollar	[19]	.5652	.5333	.4921	.5007	.4717	.3385	.2433	.2346
China	Shanghai tael	[19]	.7577	.6342	.6210	.6430	.5842	.4182	.3112	.3065
Do	Mexican dollar	[19]	.5555	.4992	.4503	.4647	.4215	.3009	.2240	.2176
Do	Yuan	[19]	.5691	.4998	.4394	.4614	.4190	.2992	.2244	.2174
India	Rupee	.3650	.3626	.3633	.3631	.3647	.3620	.3607	.3369	.2635
Japan	Yen	.4985	.4104	.4712	.4741	.4641	.4610	.4939	.4885	.2811
Malaya (British).	Straits Settlements dollar.	[20]	.5615	.5627	.5605	.5628	.5601	.5596	.5245	.4040

[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] Parity of the milreis was established at 11.96 cents by laws of Dec. 18, 1926, and Jan. 5, 1927.

[3] Quotation for 1925 is for the paper peso (1913 average, 19.53 cents). Beginning 1926, the currency was reestablished on a gold basis, the peso being devaluated to 12.17 cents.

[4] Data for Columbia for 1925 and for Peru and Venezuela for 1925 and 1932 compiled by the Bureau of Foreign and Domestic Commerce from publications of the individual countries and the League of Nations.

[5] Quotations for 1925 to 1929 are for the libra, par $4.8665; quotation for 1931 is for the sol Mar. 27 to Dec. 31. Par value of sol established at 40 cents Mar. 1927; sol restabilized at 28 cents May 1931.

[6] Average for Mar. 13 to Dec. 31.

[7] Quotations prior to 1927 are for the franc (par 19.3 cents). The belga, which is equal to 5 francs, superseded the Belgian franc Oct. 26, 1926, and was quoted at par during November and December 1926.

[8] The lev was stabilized at 0.72 cent Nov. 22, 1928; former par value, 19.3 cents.

[9] Legal stabilization at 2.96 cents effective Nov. 27, 1929. Previous nominal par value, 20.26 cents.

[10] Pre-war par of the markka, 19.3 cents. In 1926 it was devaluated to a new gold parity of 2.52 cents.

[11] Franc reestablished on a gold basis at a new parity of 3.9179 cents June 1928; former parity, 19.3 cents.

[12] In May 1928, the drachma was reestablished on a gold basis and stabilized at a new parity of 1.30 cents; former parity, 19.3 cents.

[13] Quotation for 1925 is for the paper krone (par. 20.26 cents). On Jan. 1, 1926, this was superseded by the pengo, valued at 17.49 cents and exchangeable for 12,500 paper kronen.

[14] In December 1927, the lira was stabilized at 5.26 cents. The former par value was 19.3 cents.

[15] The zloty (par value 19.3 cents) superseded the mark May 26, 1924. In October 1927, the zloty was stabilized at 11.22 cents.

[16] Established as legal parity, July 1, 1931; former par value, 108.05 cents.

[17] In February 1929, the leu was stabilized at 0.598 cent. The former par value was 19.3 cents.

[18] Established as legal parity, May 11, 1931; former par value, 19.3 cents.

[19] Par varies with the price of silver.

[20] Legally equivalent to seven sixtieths of 1 English pound sterling.

Source: Federal Reserve Board, except as noted.

No. 277.—FOREIGN EXCHANGE RATES, NEW YORK, BY MONTHS

NOTE.—For par of exchange of monetary units and yearly average rate see Table 276

	Canada (dollar)	Mexico (peso) [1]	Argentina (peso)	Brazil (milreis)	Chile (peso)	Belgium (belga)	France (franc)	Germany (reichsmark)
1930:	*Dollars*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*
March	0.9976	0.4749	0.8564	0.1150	0.1205	0.1394	0.0391	0.2386
June	.9999	.4741	.8448	.1140	.1208	.1395	.0392	.2385
September	1.0012	.4737	.8178	.1009	.1214	.1395	.0393	.2382
December	.9990	.4555	.7555	.0961	.1210	.1396	.0393	.2384
1931:								
January	.9979	.4636	.6970	.0907	.1207	.1394	.0392	.2377
February	.9998	.4620	.7194	.0856	.1207	.1394	.0392	.2377
March	.9998	.4735	.7804	.0789	.1206	.1393	.0391	.2381
April	.9995	.4748	.7646	.0727	.1206	.1390	.0391	.2381
May	.9994	.4802	.7071	.0668	.1207	.1391	.0391	.2380
June	.9972	.4903	.7025	.0750	.1209	.1392	.0392	.2373
July	.9966	.4901	.6988	.0719	.1208	.1395	.0392	.2328
August	.9969	.3003	.6457	.0637	.1205	.1394	.0392	.2366
September	.9625	.3341	.5969	.0591	.1204	.1391	.0393	.2342
October	.8910	.3659	.5200	.0562	.1207	.1389	.0394	.2324
November	.8899	.3914	.5884	.0617	.1208	.1391	.0392	.2368
December	.8271	.3901	.5852	.0620	.1207	.1390	.0392	.2362
1932:								
January	.8513	.3938	.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

	United Kingdom (pound)	Italy (lira)	Netherlands (florin)	Spain (peseta)	Sweden (krona)	China, (Shanghai tael)	India (rupee)	Japan (yen)	British Malaya (Straits Settlements dollar)
1930:	*Dollars*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*	*Dollar*
March	4.8631	0.0524	0.4011	0.1231	0.2686	0.4711	0.3611	0.4933	0.5590
June	4.8587	.0524	.4020	.1175	.2685	.3704	.3600	.4941	.5591
September	4.8611	.0524	.4029	.1073	.2687	.3968	.3599	.4941	.5603
December	4.8566	.0524	.4027	.1075	.2683	.3870	.3593	.4962	.5593
1931:									
January	4.8547	.0524	.4023	.1040	.2676	.3184	.3593	.4944	.5593
February	4.8584	.0524	.4014	.1019	.2677	.2896	.3594	.4941	.5600
March	4.8583	.0524	.4009	.1073	.2678	.3160	.3608	.4937	.5606
April	4.8599	.0524	.4014	.1047	.2678	.3110	.3610	.4936	.5605
May	4.8640	.0524	.4018	.1000	.2681	.3025	.3614	.4938	.5603
June	4.8649	.0523	.4024	.0967	.2680	.2960	.3600	.4937	.5604
July	4.8561	.0523	.4028	.0931	.2676	.3101	.3599	.4936	.5602
August	4.8577	.0523	.4032	.0880	.2675	.2973	.3594	.4935	.5600
September	4.5313	.0517	.4027	.0898	.2609	.3066	.3391	.4934	.5356
October	3.8893	.0516	.4043	.0896	.2311	.3183	.2868	.4925	.4513
November	3.7199	.0515	.4019	.0861	.2074	.3407	.2799	.4930	.4314
December	3.3737	.0511	.4023	.0840	.1871	.3281	.2536	.4346	.3903
1932:									
January	3.4312	.0504	.4018	.0839	.1919	.3264	.2582	.3599	.3969
February	3.4563	.0518	.4035	.0777	.1929	.3314	.2603	.3432	.3977
March	3.6393	.0518	.4028	.0760	.1985	.3281	.2731	.3216	.4133
April	3.7500	.0515	.4049	.0769	.1909	.3125	.2801	.3281	.4274
May	3.6751	.0515	.4055	.0812	.1872	.3047	.2732	.3197	.4224
June	3.6466	.0512	.4044	.0825	.1870	.3020	.2716	.3029	.4196
July	3.5496	.0510	.4027	.0805	.1822	.2937	.2668	.2745	.4097
August	3.4757	.0511	.4024	.0806	.1785	.3043	.2616	.2449	.4010
September	3.4711	.0513	.4016	.0810	.1781	.3063	.2622	.2363	.4025
October	3.3962	.0512	.4022	.0819	.1753	.3002	.2568	.2306	.3944
November	3.2753	.0511	.4018	.0817	.1743	.2932	.2478	.2062	.3800
December	3.2787	.0511	.4017	.0815	.1791	.2761	.2479	.2073	.3801

[1] Beginning with August, 1931, quotations are for the silver peso.

Source: The Federal Reserve Board.

No. 278.—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 based on weeks ending Saturday in the case of call money and time loans, and weeks ending various days in the case of acceptances, a week falling in 2 months being included in the month having the greater number of days; thus, week ending Feb. 2 would be included in January

Year, quarter, and month	Call money	Time loans		Bankers' acceptances (90 days)
		60 to 90 days [1]	Six months	
1913				
Jan.-Mar.	2 - 6	3½ - 6	4 -6	
Apr.-June	1 - 7	3½ - 6	4 -6	
July-Sept.	1½ - 4½	2¾ - 6	4½-6	
Oct.-Dec.	2½-10	4½ - 6	4⅝-5¼	
1914				
Jan.-Mar.	1½-10	2½ - 5	3 -5	
Apr.-June	1½ - 2	2 - 3¼	2¾-3¾	
July-Sept.	1½-10	2¼-10	3¼-8	
Oct.-Dec.	2¼ - 8	3½-10	3¾-7	
1915				
Jan.-Mar.	1¾ - 3	2¼ - 4½	3 -4	
Apr.-June	1 - 2½	2¼ - 3¼	2¾-3½	
July-Sept.	1½ - 2	2½ - 3¼	3 -3¾	
Oct.-Dec.	1½ - 2½	2¼ - 3	3¾-3½	
1916				
Jan.-Mar.	1¾ - 3	2½ - 3¼	2¾-3½	
Apr.-June	1½ - 4	1¾ - 4	3 -4	
July-Sept.	2 - 6	2½ - 4	3½-5	
Oct.-Dec.	1¾-15	2¾ - 4¾	3¼-4½	
1917				
Jan.-Mar.	1½ - 3¼	2½ - 4½	2¾-5	
Apr.-June	2 - 6	2¾ - 6	4 -6	
July-Sept.	1½-10	3¾ - 6	4¼-6	
Oct.-Dec.	2 - 6	5 - 6	5 -6	3¼-3⅝
1918				
Jan.-Mar.	2 - 7½	5¼ - 6	5½-6	3⅞-4⅛
Apr.-June	2 - 6	5¼ - 6	5¾-6	4¼-4⅜
July-Sept.	3½ - 6	5¼ - 6	5¾-6	4¼-4¾
Oct.-Dec.	3½ - 6	5 - 6	5¼-6	4¼-4⅜
1919				
Jan.-Mar.	2¾ - 7	5 - 5¾	5¼-5¾	4¼-4⅜
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	4¼-5⅜
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	4½-5½	4 -4⅛
Apr.-June	4 - 6	4¾ - 5¾	5 -5¾	4 -4⅜
July-Sept.	3½ - 6	5 - 5¾	5 -5¾	4⅛-4¼
Oct.-Dec.	4 - 6	5 - 5½	5 -5½	4⅛-4¼
1924				
Jan.-Mar.	2½ - 5¾	4 -5	4½-5	3⅞-4¼
Apr.-June	2 - 5½	2¾-4¾	3¼-4¾	2 -4⅛
July-Sept.	2 - 3	2 -3¼	3 -3½	2 -2⅜
Oct.-Dec.	2 - 5	2¼-3¾	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	3¾-5	3¾-5	3⅛-3⅝
1926				
Jan.-Mar.	4 - 6	4½-5	4½-5	3⅛-3⅞
Apr.-June	3 - 5½	4 -4⅝	4 -4⅝	3⅛-3¾
July-Sept.	4 - 6	4¼-5¼	4¼-5¼	3⅜-4
Oct.-Dec.	4 - 6	4½-5¼	4⅝-5¼	3¾-4
1927				
Jan.-Mar.	3½ -5	4⅜-4⅝	4⅜-4⅝	3⅝-3⅞
Apr.-June	4 -5	4¼-4⅝	4⅜-4⅝	3⅝-3⅞
July-Sept.	3½ -4½	3¾-4⅜	4⅛-4⅜	3⅛-3⅞
Oct.-Dec.	3½ -5½	4 -4¼	4 -4½	3¼-3⅝
1928				
January	4 - 5½	4⅛-4⅛	4⅛-4¼	3¼-3⅝
February	4 - 5	4⅜-4⅝	4⅜-4⅝	3½-3¾
March	4 - 5	4½-4¾	4½-4¾	3½-3⅝
April	4½ - 6	4¾-5	4¾-5	3¾-4
May	4½ - 6	4⅞-5½	4⅞-5½	3⅞-4⅛
June	5½ - 8	5½-6	5½-6	4 -4¼
July	5 -10	5¾-6	5¾-6	4⅛-4¼
August	4½- 8	6 -6½	6 -6½	4⅛-4¼
September	6 - 9	6½-7½	6½-7½	4¼-4⅝
October	6 -10	6¾-7½	6¾-7½	4½-4⅝
November	6 - 8	6¾-7	6½-7	4½-4⅝
December	6½-12	6¾-7¾	6¾-7¾	4⅛-4¾
1929				
January	6 -12	7½-7¾	7½-7¾	4½-5⅛
February	6 -10	7½-7¾	7½-7¾	5 -5⅜
March	6 -20	7¾-8½	7¾-8	5¼-5¾
April	6 -16	8¼-9	8 -9	5⅜-5⅝
May	6 -15	8¼-9½	8 -9	5⅜-5⅜
June	6 -10	7½-8½	7½-8½	5¼-5⅝
July	6 -15	7½-9	7½-9	5¼-5¼
August	6 -12	8¾-9	8¾-9	5¼-5¼
September	6 -10	8¾-9¼	8¾-9¼	5⅛-5¼
October	5 -10	6 -9¼	6 -9¼	4¾-5¼
November	4½- 6	4¾-6	4¾-6	3⅞-4¾
December	4½- 6	4½-5	4½-5	3⅞-4⅛
1930				
January	4 - 6	4½-5	4½-5	3⅞-4⅛
February	4 - 4½	4½-4¾	4½-5	3⅜-3⅞
March	2 - 4½	3½-4¾	3¾-4¾	2½-3½
April	3 - 4	3¾-4¼	3¾-4½	2⅞-3½
May	3 - 3½	3 -3¾	3¼-4	2⅞-2⅞
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	2½-3	1⅞-2
December	2 - 2½	2 -2½	2¼-3	1⅞-2

[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. 279.—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		Bankers' acceptances (90 days)
		60 to 90 days	4 to 6 months	
1931				
Jan. 3	1½-4	2¼-2½	2½-3	1⅞-2
Jan. 10	1½	2¼-2½	2½-3	1¾-1⅞
Jan. 17	1½	1½-2½	2 -2¾	1¾-1⅞
Jan. 24	1½	1¼-2	1¾-2½	1⅝-1¾
Jan. 31	1½	1½-2	2¼-2½	1⅜-1½
Feb. 7	1½	1½-2	1¾-2½	1½-1⅝
Feb. 14	1½	1½-2	1¾-2½	1¼-1⅜
Feb. 21	1½	1½-2	1¾-2¼	1⅜-1½
Feb. 28	1½	1½-2¼	2 -2½	1⅜-1½
Mar. 7	1½	1½-2¼	2 -2½	1⅜-1½
Mar. 14	1½-2	1½-2½	2 -2¾	1⅜-1½
Mar. 21	1 -1½	1½-2½	2 -2¾	1⅜-1½
Mar. 28	1½-2	1½-2	2 -2¼	1⅜-1½
Apr. 4	1½-2	1½-2	2 -2½	1⅜-1½
Apr. 11	1½-2½	1½-2	2 -2½	1⅜-1½
Apr. 18	1½-2	2 -2½	2 -2¼	1⅜-1½
Apr. 25	1½	1¼-2¼	2 -2½	1⅜-1½
May 2	1½	1¼-2¼	2 -2½	1⅜-1½
May 9	1 -1½	1½-2	2 -2½	1⅜-1½
May 16	1 -1½	1 -2	1½-2¼	1⅜-1½
May 23	1½	1 -1¾	1½-1⅝	1⅜-1½
May 30	1½	1 -1¾	1¼-1¾	1⅜-1½
June 6	1½	1 -1¼	1¼-1¾	1⅜-1½
June 13	1½	1 -1½	1¼-2	1⅜-1½
June 20	1½	1 -1½	1¼-2	1⅜-1½
June 27	1½	1¼-1¾	1½-2	1⅜-1½
July 4	1½	1¼-1¾	1¼-2	1⅜-1½
July 11	1½	1¼-1¾	1½-2	1⅜-1½
July 18	1½	1¼-1½	1½-1¾	1⅜-1½
July 25	1½	1¼-1½	1½-2	1⅜-1½
Aug. 1	1½	1¼-1½	1½-2	1⅜-1½
Aug. 8	1½	1¼-1½	1½-2	1⅜-1½
Aug. 15	1½	1¼-1½	1½-2	1⅜-1½
Aug. 22	1½	1¼-1¾	1½-2	1⅜-1½
Aug. 29	1½	1¼-1¾	1½-2	1⅜-1½
Sept. 5	1½	1¼-1½	1½-2	1⅜-1½
Sept. 12	1½	1¼-1¾	1½-2	1⅜-1½
Sept. 19	1½	1¼-1½	1½-2	1⅜-1½
Sept. 26	1½	1¼-2	1½-2	1⅜-1½
Oct. 3	1½	2 -2½	2 -2½	1⅜-1½
Oct. 10	1½-2	2 -3	2 -3	1⅜-1½
Oct. 17	2 -2½	2¾-3	2¾-3	1⅜-1½
Oct. 24	2½	3 -4½	3½-4½	1⅜-1½
Oct. 31	2½	3 -4	3½-4½	1⅜-1½
Nov. 7	2½	3¼-4	3¼-4	1⅜-1½
Nov. 14	2½	3¼-3½	3¼-3½	1⅜-1½
Nov. 21	2½	3 -3½	3 -3½	1⅜-1½
Nov. 28	2½	3 -3½	3 -3½	1⅜-1½
Dec. 5	2½	3 -3½	3 -3½	1⅜-1½
Dec. 12	2½	3 -3½	3 -3½	1⅜-1½
Dec. 19	2½-3	3 -4	3¾-4	1⅜-1½
Dec. 26	3	3 -4	3 -4	1⅜-1½

Year and week	Call money	Time loans		Bankers' accept ances (90 days)
		60 to 90 days	4 to 6 months	
1932				
Jan. 2	3 -3½	3 -4	3 -4	3 -3½
Jan. 9	2½-3½	3½-4	3½-4	3 -3½
Jan. 16		2½ 3½-4	3½-4	3¼-3½
Jan. 23		2½ 3½-3¾	3½-3¾	2¾-2⅞
Jan. 30		2½ 3½-3¾	3½-3¾	2¾-2⅞
Feb. 6		2½ 3½-3¾	3½-3¾	2¾-2⅞
Feb. 13		2½ 3½-3¾	3½-3¾	2¾-2⅞
Feb. 20		2½ 3½-3¾	3½-3¾	2¾-2⅞
Feb. 27		2½ 3½-3¾	3½-3¾	2¾-2⅞
Mar. 5		2½ 3 -3½	3 -3¾	2⅝-2¾
Mar. 12		2½ 3 -3½	3 -3½	2½-2⅝
Mar. 19		2½ 3 -3½	3 -3½	2½-2⅝
Mar. 26		2½ 2¾-3¼	2¾-3¼	2½-2⅝
Apr. 2		2½ 2¾-3	2¾-3	2¼-2½
Apr. 9		2½ 2¾-3	2¾-3	1⅞-2
Apr. 16		2½ 3 -3	2 -3	1⅝-1¾
Apr. 23		2½ 2 -2½	2 -2¼	1⅛-1
Apr. 30		2½ 1¾-2¼	2 -2¼	
May 7		2½ 1½-2	1¾-2¼	7/8-1
May 14		2½ 1½-2	1½-2	1⅛-1¼
May 21		2½ 1½	1½	7/8-1
May 28		2½ 1½	1½	7/8-1
June 4		2½ 1½	1½	7/8-1
June 11		2½ 1½	1½	7/8-1
June 18		2½ 1½	1½	7/8-1
June 25		2½ 1½	1½	7/8-1
July 2		2½ 1½	1½	3/4- 7/8
July 9	2 -2½	1½	1½	3/4- 7/8
July 16	2	1½	1½	3/4- 7/8
July 23	2	1¼-1½	1¼-1½	3/4- 7/8
July 30	2	1 -1½	1 -1½	
Aug. 6	2	1¼-1½	1¼-1½	3/4- 7/8
Aug. 13	2	1¼-1½	1¼-1½	3/4- 7/8
Aug. 20	2	1¼-1½	1¼-1½	3/4- 7/8
Aug. 27	2	1¼-1½	1¼-1½	3/4- 7/8
Sept. 3	2	1 -1¼	1¼-1½	3/4- 7/8
Sept. 10	2	1¼-1½	1¼-1½	3/4- 7/8
Sept. 17	2	1¼-1½	1¼-1½	3/4- 7/8
Sept. 24	2	1 -1¼	1¼-1½	3/4- 7/8
Oct. 1	2	1 -1¼	1¼-1½	3/4- 7/8
Oct. 8	2	1	1¼	3/4- 7/8
Oct. 15	1 -2	¾-1	¾-1¼	1/2- 5/8
Oct. 22	1	¾-1	¾-1¼	1/2- 5/8
Oct. 29	1	½-1	¾-1¼	1/2- 5/8
Nov. 5	1	½- ¾	¾-1	1/2- 5/8
Nov. 12	1	½	¾-1	1/2- 5/8
Nov. 19	1	½	¾-1	1/2- 5/8
Nov. 26	1	½	¾-1	1/2- 5/8
Dec. 3	1	½	¾-1	3/8- 1/2
Dec. 10	1	½	¾-1	3/8- 1/2
Dec. 17	1	½	½-1	3/8- 1/2
Dec. 24	1	½	½-1	3/8- 1/2
Dec. 31	1	½	½-1	

Sources: Call and time rates from The Annalist, acceptance rates from Acceptance Bulletin of the American Acceptance Council.

No. 280.—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	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	270,887	292,995	124,925	22,877	93,310
1910	593	94,734	672,899	206,212	263,303	291,534	123,692	34,857	94,389
1914	596	105,670	815,747	284,523	396,550	430,873	224,040	30,957	143,339
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	905,295	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	1,752,383	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	1,050,076	1,188,087	559,031	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	644,254	99,230	448,983
1928	886	385,931	2,867,832	1,124,478	1,131,956	1,371,928	631,536	107,393	469,429
1929	931	441,445	3,084,057	1,235,047	1,179,032	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	2,040,863	802,323	929,252	1,088,413	529,076	119,991	436,489

Calendar year	Lloyd's and interinsurance companies					Total			
	Number of associations	Net premiums	Total income	Losses	Total disbursements	Net premiums	Total income	Losses	Total disbursements
1905	37	3,029	3,338	1,371	2,508	273,417	296,333	126,296	243,620
1910	31	3,831	4,111	1,644	3,744	267,134	295,645	125,336	256,681
1914	37	9,425	9,860	3,575	7,706	405,975	440,733	228,215	406,641
1915	45	12,003	12,634	4,470	9,609	431,365	471,996	226,171	415,549
1916	[2] 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	[3] 20,874	[4] 21,636	[5] 10,470	[5] 18,174	737,854	794,376	346,391	640,863
1919	[2] 105	23,067	24,146	8,739	18,009	833,948	908,312	344,308	702,357
1920	[2] 137	24,946	29,164	10,403	20,481	1,020,242	1,102,789	461,873	907,245
1921	[2] 121	28,864	32,777	13,921	29,073	861,770	948,699	528,675	951,997
1922	[2] 125	30,056	32,537	13,282	29,070	881,313	972,106	490,398	917,700
1923	[2] 116	35,715	37,831	14,809	33,210	914,622	1,040,007	519,603	996,598
1924	[2] 140	46,706	50,768	21,858	44,037	1,017,512	1,121,517	546,159	1,035,119
1925	[2] 134	43,370	45,120	21,110	42,474	1,094,046	1,233,207	581,041	1,103,262
1926	[2] 121	45,386	49,085	22,274	43,141	1,156,281	1,277,485	603,507	1,165,206
1927	[2] 111	46,489	50,085	22,385	44,233	1,154,922	1,309,471	566,639	1,136,700
1928	[2] 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	[2] 92	43,863	48,938	21,529	46,594	1,115,400	1,266,643	604,990	1,250,474
1931	[2] 78	30,351	39,528	19,480	41,517	965,604	1,127,941	548,556	1,127,073

[1] Exclusive of premium notes.
[2] 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.
[3] Premiums of 84 associations.
[4] Income of 88 associations.
[5] Losses paid and total disbursements of 89 associations.

Source: Insurance Yearbook of the Spectator Co., New York City.

No. 281.—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	1921	175	93,715.3	916.6	$.9780
1881–1890	152	10,992.8	113.7	1.0347	1922	174	96,283.3	936.4	.9726
1891–1900	140	18,368.0	190.5	1.0373	1923	184	105,927.5	1,017.0	.9601
1901–1910	156	31,923.7	354.9	1.1116	1924	197	115,683.4	1,092.0	.9440
1911–1920	181	62,275.8	629.0	1.0101	1925	210	128,255.2	1,189.9	.9277
1921–1930	208	127,872.7	1,168.8	.9140	1926	210	137,739.9	1,257.9	.9132
1916	199	63,355.3	628.2	.9915	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
1018	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

[1] Gross less reinsurance.

Source: Prior to 1931, Insurance Yearbook of the Spectator Co., New York City; 1931, Committee on Statistics, National Board of Fire Underwriters.

No. 282.—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	1927	1928	1929	1930	1931
Number of companies, total	169	210	213	234	246	239	221
United States companies	124	165	173	192	204	199	182
Foreign companies	45	45	40	42	42	40	39
Gross insurance written	100,194.7	140,496.9	139,958.8	141,550.0	155,437.6	151,349.2	145,100.4
United States companies	71,409.1	113,406.1	114,026.0	116,675.8	129,417.7	127,144.5	121,165.3
Foreign companies	28,785.6	27,090.8	25,932.9	24,874.2	26,019.9	24,204.7	23,935.1
Gross premiums charged	963.6	1,226.0	1,205.6	1,180.6	1,244.8	1,104.1	1,003.5
Net premiums written	533.9	644.3	639.8	639.5	655.9	584.0	508.2
Net premiums earned	450.9	599.0	627.6	640.0	645.6	614.7	563.6
Net losses paid	226.0	351.1	298.7	301.3	300.7	329.4	303.3
Net losses incurred	246.1	354.1	295.7	298.3	300.0	329.7	298.3
Net expenses	219.5	281.2	288.3	296.1	306.9	304.0	264.4
Agents' compensation	121.0	161.5	163.3	163.8	168.8	156.2	135.9
Taxes	27.6	20.1	20.8	24.8	30.5	29.7	21.4
Average annual rate of premium per $100 insurance	$0.9617	$0.8726	$0.8600	$0.8340	$0.8008	$0.7691	$0.7329
Per cent of—							
Net losses incurred to net premiums earned	54.6	59.1	47.1	46.6	46.5	53.6	52.9
Net losses incurred to net premiums written	46.1	55.0	46.2	46.6	45.7	56.4	58.7
Net expenses to net premiums earned	48.7	46.9	45.9	46.3	47.5	49.4	46.9
Net expenses to net premiums written	41.1	43.6	45.1	46.3	46.8	52.0	52.0
Agents' compensation to net premiums written	22.7	25.1	25.5	25.6	25.7	26.8	26.7
Taxes to net premiums written	5.2	3.1	3.2	3.9	4.7	5.1	4.2

Source: Prior to 1931, Insurance Yearbook of the Spectator Co., New York City; 1931, Committee on Statistics, National Board of Fire Underwriters.

No. 283.—FIRE LOSSES: TOTAL AND PER CAPITA, CONTINENTAL UNITED STATES

NOTE.—**Amounts, except per capita, in thousands of dollars.** Prior to 1916, figures are as compiled by the New York Journal of Commerce and include losses of $10,000 or over in the principal cities of the United States, adding 15 per cent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being $214,531,000 as against $258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 per cent for unreported and uninsured losses

Year	Loss	Year	Loss	Year	Loss	Year	Loss
1881	81, 281	1894	140, 006	1907	215, 085	1920	447, 887
1882	84, 505	1895	142, 110	1908	217, 886	1921	495, 400
1883	100, 149	1896	118, 737	1909	188, 705	1922	506, 541
1884	110, 009	1897	116, 355	1910	214, 003	1923	535, 373
1885	102, 819	1898	130, 594	1911	217, 005	1924	549, 082
1886	104, 925	1899	158, 598	1912	206, 439	1925	559, 418
1887	120, 283	1900	160, 930	1913	203, 764	1926	501, 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	258, 378	1929	459, 446
1891	143, 765	1904	228, 198	1917	289, 535	1930	501, 980
1892	151, 516	1905	165, 222	1918	353, 879	1931	451, 643
1893	167, 544	1906	518, 612	1919	320, 540	1932	406, 885

Year	Cities reporting actual loss				Total United States		
	Number of cities	Population (thousands)	Actual reported loss, total	Loss per capita	Population (thousands) [1]	Estimated loss	Loss per capita [1]
1923	372	42, 947	147, 102	3. 42	111, 537	535, 373	4. 80
1924	366	43, 376	146, 228	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, 643	5. 64
1932	458	51, 295	113, 947	2. 22	124, 822	406, 885	3. 26

[1] Population figures are revised 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. 284.—LIFE INSURANCE: OPERATIONS OF ALL COMPANIES OF THE UNITED STATES, FROM ORGANIZATION TO JANUARY 1, 1932

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)	393, 594	[1] 81, 062	[2] 312, 532
Amount	249, 544, 540	[1] 189, 708, 477	[2] 59, 836, 063
Insurance in force Jan. 1, 1932:			
Number of policies (thousands)	121, 761	[1] 33, 532	[2] 88, 228
Amount	108, 885, 563	[1] 90, 611, 131	[2] 18, 274, 432
Receipts since organization, total	58, 129, 293	39, 365, 713	18, 763, 580
Premium and annuity	45, 092, 472	29, 537, 630	15, 554, 843
Interest, rents, etc	13, 036, 820	9, 828, 083	3, 208, 737
Payments to policyholders since organization, total	26, 930, 374	19, 772, 648	7, 157, 726
Death claims	11, 710, 991	8, 211, 245	3, 499, 746
Endowments and annuities [3]	3, 246, 518	2, 486, 458	760, 061
Purchased policies, surrender values	5, 664, 235	4, 204, 208	1, 460, 027
Dividends to policyholders	6, 308, 630	4, 870, 737	1, 437, 893
Admitted assets, Jan. 1, 1932	20, 159, 040	12, 769, 344	7, 390, 696
Capital, apportioned funds, and surplus, Jan. 1, 1932	1, 858, 277	1, 181, 456	676, 821

[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. 285.—LIFE INSURANCE: Summary of Financial Condition and Policy Account of All Companies of the United States

NOTE.—See headnote, Table 284

[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							830		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
1904	2,499	2,168	599	247	1,796	613	5,508	15,674	12,548	10,412	2,136
1905	2,706	2,373	642	265	1,726	661	5,621	16,873	13,364	11,054	2,310
1906	2,924	2,537	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	1,409	594	6,165	19,688	14,519	11,830	2,689
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	8,150	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	35,075	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	730	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	4,506	29,151	85,844	95,206	78,521	16,686
1929	17,482[3]	16,507	4,337	1,902	14,529	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	107,048	89,661	18,287
1931	20,160[3]	19,116	4,850	2,607	12,379	4,847	33,531	88,228	108,886	90,611	18,274

[1] Not including unapportioned surplus and capital and prior to 1915 also apportioned surplus. For amount of latter item in 1915 and recent years see Table 286.
[2] Includes group business.

Source: Prior to 1890 Frederick L. Hoffman, insurance statistician, Newark, N. J.; 1890 and subsequent years, the Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 286.—LIFE INSURANCE: Financial Condition and Business of All Companies of the United States

NOTE.—**All money figures in thousands of dollars.** See headnote, Table 284

	1900	1910	1915	1920	1925	1930	1931
Number of companies	76	214	238	272	308	352	342
Capital stock, Dec. 31	12,832	40,545	52,545	66,905	105,707	176,943	170,373
Income, total	400,603	781,011	1,043,088	1,764,213	3,017,800	4,593,973	4,850,376
Premium income, total	324,724	593,388	784,318	1,384,939	2,383,913	3,524,327	3,661,105
New premiums[1]	62,276	70,180	92,441	274,478	340,566	385,067	361,626
Renewals[1]	256,142	517,536	683,991	1,099,740	1,999,480	3,031,537	3,115,781
Annuities	6,306	5,672	7,886	10,721	43,867	107,723	183,698
Interest and other income, total	75,879	187,623	258,765	379,274	633,887	1,069,646	1,189,271
Interest, dividends, etc	64,949	160,514	229,659	324,370	527,577	853,188	891,803
Rents	8,225	10,310	10,941	16,312	23,125	37,292	40,587
Other	2,706	16,799	18,165	38,592	83,185	179,166	256,881

[1] Includes disability and double indemnity receipts and payments.

No. 286.—Life Insurance: Financial Condition and Business of All Companies of the United States—Continued

	1900	1910	1915	1920	1925	1930	1931
Expenditures, total	267, 580	540, 342	768, 506	1, 198, 366	1, 936, 422	3, 198, 537	3, 537, 706
Paid to policyholders	168, 688	387, 302	544, 705	744, 649	1, 242, 974	2, 246, 776	2, 606, 551
Death losses	100, 721	180, 654	237, 391	349, 964	493, 391	855, 745	915, 145
Matured endowments	18, 335	46, 349	63, 383	101, 181	114, 473	112, 027	110, 977
Annuities [1]	4, 122	7, 426	8, 860	16, 807	38, 531	111, 124	128, 807
Surrendered policies, etc	22, 650	77, 518	123, 796	119, 061	248, 625	614, 223	861, 023
Dividends	22, 860	75, 354	111, 275	157, 547	347, 954	553, 658	534, 509
Other expenditures	98, 892	153, 040	223, 801	453, 717	693, 448	951, 761	931, 154
To agents, commissions, salaries, traveling expenses	61, 282	87, 629	115, 328	257, 822	399, 490	497, 549	457, 024
Medical fees, salaries, other employee costs	13, 034	26, 037	34, 312	61, 566	99, 233	134, 253	138, 252
Dividends to stockholders	1, 028	2, 140	3, 203	5, 308	14, 500	21, 917	16, 084
Other	23, 548	37, 235	70, 868	129, 021	180, 216	298, 042	318, 894
Admitted assets, Dec. 31, total	1, 742, 414	3, 875, 877	5, 190, 310	7, 316, 997	11, 537, 615	18, 879, 611	20, 158, 940
Real estate	158, 119	172, 961	173, 367	172, 011	265, 038	547, 562	683, 235
Real estate mortgages	501, 409	1, 227, 232	1, 779, 279	2, 174, 863	4, 709, 216	7, 577, 944	7, 052, 287
Stocks owned	794, 632	129, 622	81, 056	51, 353	81, 462	465, 951	617, 505
Bonds owned	7, 191	1, 659, 845	2, 094, 688	3, 588, 728	4, 331, 288	6, 352, 333	6, 723, 735
Collateral loans	64, 489	18, 941	16, 729	41, 301	20, 416	31, 008	31, 323
Premium notes and loans	88, 501	495, 100	779, 159	858, 915	1, 445, 507	2, 807, 012	3, 360, 147
Net deferred and unpaid premiums	33, 209	50, 956	73, 475	130, 023	251, 848	439, 894	495, 033
Cash in office and bank	75, 440	71, 113	114, 285	124, 747	124, 252	152, 216	178, 052
Other	19, 276	50, 107	78, 272	177, 152	217, 687	505, 690	637, 351
Asset items not admitted	12, 249	25, 180	31, 507	77, 424	110, 178	[2] 73, 453	[2] 114, 248
Liabilities, Dec. 31, total	1, 493, 379	3, 590, 978	4, 938, 028	6, 989, 309	10, 867, 475	17, 862, 142	19, 115, 880
Reserve	1, 443, 452	3, 225, 966	4, 398, 894	6, 337, 970	9, 926, 515	16, 231, 489	17, 384, 408
Losses, etc., unpaid	9, 863	17, 072	29, 588	43, 116	64, 208	134, 054	153, 451
Claims resisted	999	1, 779	2, 569	2, 475	5, 413	11, 446	16, 302
Dividends unpaid and left to accumulate	3, 598	5, 533	20, 654	53, 048	134, 272	303, 345	316, 457
Surplus apportioned [4]	[3]	279, 614	411, 887	412, 339	563, 793	807, 862	814, 217
Other	35, 466	61, 014	74, 436	140, 361	173, 213	373, 040	430, 437
Surplus (including capital)	[5] 249, 035	210, 440	252, 283	330, 688	670, 140	1, 017, 470	1, 044, 060
Total surplus funds	249, 035	490, 054	664, 170	743, 027	1, 233, 933	1, 825, 333	1, 858, 277
POLICY ACCOUNT—AMOUNTS							
New business written and paid for, total	1, 846, 267	2, 557, 053	3, 594, 697	10, 105, 445	15, 472, 999	19, 019, 790	17, 236, 243
Ordinary [6]	1, 280, 265	1, 822, 260	2, 621, 014	8, 480, 971	10, 553, 128	12, 604, 029	11, 321, 430
Group					1, 253, 619	1, 555, 683	1, 057, 714
Industrial	566, 002	734, 793	973, 683	1, 615, 474	3, 656, 253	4, 860, 078	4, 847, 104
In force Dec. 31, total	8, 561, 249	16, 404, 261	22, 784, 191	42, 281, 391	71, 689, 749	107, 948, 275	103, 885, 663
Ordinary, total [6]	7, 093, 220	13, 227, 213	18, 349, 285	35, 091, 538	54, 566, 797	79, 774, 841	80, 637, 119
Whole life	4, 790, 345	8, 811, 743	12, 425, 471	25, 553, 423	39, 299, 872	57, 686, 405	58, 049, 120
Endowment	1, 664, 450	3, 043, 689	3, 656, 723	6, 975, 433	9, 636, 908	14, 319, 076	14, 918, 839
Other	638, 425	1, 371, 782	2, 267, 092	2, 532, 683	5, 629, 957	7, 768, 760	7, 669, 160
Group					4, 299, 271	9, 886, 029	9, 954, 011
Industrial	1, 468, 028	3, 177, 048	4, 434, 906	7, 189, 852	12, 823, 681	18, 287, 408	18, 274, 432
NUMBER OF POLICIES (thousands)							
Written during year, total	4, 671	6, 002	8, 464	13, 249	20, 325	24, 253	24, 727
Ordinary [6]	729	993	1, 495	3, 924	3, 897	5, 334	5, 252
Group					3	19	4
Industrial	3, 942	5, 009	6, 968	9, 325	16, 425	18, 850	19, 471
In force Dec. 31, total	14, 395	29, 999	43, 032	66, 499	97, 629	122, 213	121, 781
Ordinary [6]	3, 176	6, 964	9, 890	16, 695	23, 882	32, 739	33, 499
Group					12	38	33
Industrial	11, 219	23, 034	33, 142	49, 805	73, 736	89, 436	88, 228

[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.
[5] Includes "Group" prior to 1925.

Source: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 287.—LIFE INSURANCE: Ordinary and Industrial Insurance Written and in Force, by States

Note.—Totals in this table do not agree with totals in Tables 284 to 286 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	
	1930	1931	1930	1931	1930	1931	1930	1931
Continental United States.[1]	16,297,094	13,840,456	88,532,526	89,400,334	4,986,753	4,793,966	17,603,694	17,636,730
New England	1,009,012	911,588	6,535,308	6,694,757	429,493	440,479	2,093,343	2,118,168
Maine	65,939	60,271	461,421	475,740	27,585	26,079	113,256	114,176
New Hampshire	44,679	37,100	286,911	293,147	18,156	17,501	87,136	87,244
Vermont	20,673	25,365	223,786	227,666	10,179	10,613	46,514	44,877
Massachusetts	540,164	498,878	3,539,591	3,646,802	240,248	245,338	1,153,724	1,171,951
Rhode Island	75,512	70,907	531,819	540,943	44,167	46,938	227,746	229,244
Connecticut	253,045	213,067	1,491,780	1,510,459	89,158	94,010	464,967	470,676
Middle Atlantic	4,775,200	4,066,526	27,473,664	27,855,116	1,485,408	1,503,085	7,162,089	7,276,284
New York	2,775,964	2,351,295	16,124,426	16,459,033	742,355	755,219	3,712,283	3,825,559
New Jersey	619,276	565,005	3,368,962	3,479,205	250,212	259,081	1,294,834	1,318,744
Pennsylvania	1,379,960	1,150,226	7,980,276	7,916,878	492,841	488,785	2,154,972	2,131,981
East North Central	4,205,479	3,415,246	21,134,836	21,199,176	1,178,521	1,058,568	3,813,938	3,735,169
Ohio	969,269	785,289	5,497,052	5,538,246	362,935	363,991	1,236,731	1,205,243
Indiana	467,228	427,222	2,201,915	2,221,451	261,325	150,424	538,405	530,120
Illinois	1,494,659	1,220,382	7,736,183	7,790,081	329,860	336,748	1,225,769	1,218,513
Michigan	945,842	730,038	3,738,227	3,687,292	166,406	154,831	526,950	504,508
Wisconsin	328,481	252,315	1,961,459	1,962,106	57,995	52,574	286,083	276,785
West North Central	1,541,593	1,311,696	9,122,248	9,222,694	270,748	283,286	978,523	985,052
Minnesota	316,718	253,269	1,910,008	1,956,808	34,717	35,041	159,824	164,665
Iowa	265,706	229,692	1,719,202	1,763,769	28,819	27,741	115,430	115,890
Missouri	500,895	417,072	2,845,252	2,819,078	160,732	155,904	547,800	546,366
North Dakota	36,710	27,919	278,088	273,097	7	9	190	204
South Dakota	49,652	41,685	301,895	303,939	7	11	213	227
Nebraska	175,428	173,157	978,171	1,016,584	14,993	14,242	53,619	55,224
Kansas	196,484	168,902	1,089,632	1,089,329	31,474	30,317	101,447	100,476
South Atlantic	1,344,987	1,170,773	7,242,690	7,257,404	755,426	745,872	1,616,856	1,613,562
Delaware	64,070	43,543	298,692	306,790	15,081	15,976	65,390	65,923
Maryland	178,649	150,833	1,083,684	1,109,318	110,403	117,811	403,107	407,008
Dist. of Columbia	117,334	117,218	636,520	643,481	44,435	44,326	123,011	131,421
Virginia	180,131	156,523	1,093,389	1,098,530	111,340	117,622	240,177	244,187
West Virginia	166,904	145,888	784,395	789,470	42,187	40,585	113,500	109,730
North Carolina	196,220	185,783	1,108,620	1,106,146	121,860	112,902	198,376	196,540
South Carolina	86,170	82,630	505,479	494,048	102,931	95,671	142,101	140,110
Georgia	241,061	174,019	1,172,071	1,107,784	127,563	121,999	213,780	205,799
Florida	114,428	114,336	639,840	667,857	79,626	81,980	111,204	109,844
East South Central	655,256	553,879	3,572,690	3,509,222	324,556	308,458	598,042	578,379
Kentucky	196,636	152,852	1,033,878	1,039,404	79,990	86,755	240,206	236,363
Tennessee	229,377	193,379	1,182,404	1,142,019	138,033	122,648	206,169	200,713
Alabama	145,776	124,239	831,194	814,295	82,200	78,789	121,236	113,341
Mississippi	113,467	83,409	525,214	513,504	24,333	20,266	30,431	27,962
West South Central	1,136,755	965,930	5,109,407	5,061,465	334,220	262,357	542,056	520,564
Arkansas	99,737	101,252	540,664	540,856	28,337	24,311	44,930	39,866
Louisiana	138,024	130,527	813,738	825,508	48,351	49,142	142,019	133,799
Oklahoma	249,187	182,499	1,106,820	1,048,053	48,004	46,153	85,047	78,768
Texas	649,807	551,652	2,648,185	2,647,048	209,528	142,751	270,060	268,131
Mountain	361,677	321,938	2,087,594	2,090,727	28,227	28,811	126,975	129,113
Montana	42,124	33,943	306,392	301,828	2,802	2,849	14,084	14,192
Idaho	37,911	32,165	207,579	209,353	1,257	1,303	5,954	6,567
Wyoming	17,567	18,771	99,609	105,295	191	165	872	885
Colorado	142,705	129,946	801,191	819,337	17,048	17,736	75,424	77,596
New Mexico	19,868	18,067	111,515	112,391	132	170	501	574
Arizona	29,091	26,267	172,920	172,974	966	918	1,619	1,589
Utah	63,470	54,571	318,073	318,579	5,817	5,650	28,180	27,336
Nevada	8,940	8,208	50,225	50,970	14	20	341	344
Pacific	1,260,129	1,119,106	6,205,109	6,444,523	180,154	180,071	670,684	681,041
Washington	208,266	173,220	1,146,481	1,151,311	21,346	21,080	95,993	95,518
Oregon	132,990	101,036	671,832	665,188	8,705	7,634	36,779	36,007
California	918,873	844,850	4,386,796	4,628,024	150,103	150,457	537,912	549,516

[1] Totals, except industrial written for 1930, include small amounts not distributed by States.

Source: Insurance Yearbook of the Spectator Co., New York, N.Y.

No. 288.—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 except in figures for 1925

[Number of policies in thousands, amounts in millions and tenths of millions of dollars]

	1925	1926	1927	1928	1929	1930	1931	1932 [1]
Assets	10,016.6	11,140.6	12,384.7	13,723.7	15,015.9	16,206.3	17,345.2	17,937.0
Liabilities	9,316.0	10,387.4	11,536.1	12,801.1	14,060.1	15,252.6	16,314.1	17,304.2
Income, total	2,544.6	2,852.7	3,131.0	3,479.1	3,734.2	3,957.9	4,197.2	4,111.2
Premium income	1,973.2	2,189.8	2,410.0	2,664.4	2,820.4	2,974.9	3,119.9	3,012.6
Disbursements, total	1,634.1	1,817.5	1,954.8	2,202.5	2,492.2	2,787.1	3,099.4	3,540.3
Paid to policyholders [2]	1,118.6	1,244.7	1,351.4	1,540.2	1,782.7	2,041.4	2,357.5	
ORDINARY BUSINESS [3]								
Insurance in force:								
Number of policies	18,600	19,892	21,040	22,455	23,946	25,086	25,807	
Amount	47,840.6	53,680.0	58,649.0	64,367.4	69,886.5	73,568.1	74,635.6	71,473.9
Insurance written and paid for:								
Number of policies	2,604	2,715	2,825	3,178	3,498	3,566	3,508	
Amount	9,742.1	10,566.0	10,837.3	12,046.0	13,109.7	12,435.8	10,578.8	8,557.1
Policies terminated:								
Number	1,303	1,467	1,680	1,734	2,007	2,426	2,786	
Amount	4,074.7	4,971.6	5,872.3	6,238.2	7,590.6	8,753.5	9,511.4	11,835.9
By death, maturity, expiry, and disability:								
Number	433	467	501	563	660	757	876	
Amount	858.2	934.1	1,008.5	1,162.0	1,375.4	1,555.8	1,745.3	
By surrender, lapse, change and decrease:								
Number	871	1,000	1,179	1,172	1,347	1,668	1,911	
Amount	3,216.4	4,037.5	4,863.7	5,076.2	6,215.3	7,197.7	7,766.1	

[1] Complete data for 1932 are not yet available. Data shown are preliminary figures from unaudited reports.
[2] Includes accidents and health claims.
[3] Includes group insurance.

Source: Reports of the Superintendent of Insurance; State of New York.

No. 289.—LIFE INSURANCE OF FRATERNAL ORDERS IN THE UNITED STATES

NOTE.—Although the number of orders reporting varies considerably, most of the larger orders report regularly, so that the figures are fairly comparable from year to year. Prior to 1920 the figures for the number of orders as given below include all known to be in existence whether reporting or not.

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

Calendar year	Number of orders	Assets	Liabilities	Income		Disbursements			Amount of insurance written during year	In force at end of year	
				Total	Net received from members	Total	Paid for claims	To agents and for management		Amount	Number of certificates (thousands)
1901	489	29.4	8.5	81.6	72.2	77.3	64.1	8.9	799.6	5,656.5	4,510
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	8,694.4	7,606
1919	463	295.6	57.9	180.1	160.0	172.0	141.4	24.6	1,328.0	9,531.2	10,380
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	8,649
1927	[1] 235	759.5	107.1	238.4	193.3	170.7	130.4	37.2	1,025.5	9,726.7	8,342
1928	[1] 262	824.3	196.2	245.0	197.2	181.6	140.2	38.1	1,039.8	9,324.1	9,004
1929	[1] 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

[1] Numbers reporting.
[2] Includes legal reserve not included in prior years.

Source: The Insurance Yearbook of the Spectator Co., New York, N.Y.

No. 290.—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
1919	123	12,745	8,898	19,295	21,033	10,257	7,605	18,366	797,845	1,837,435
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	582,163	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	27,968	18,766	47,608	841,384	2,259,669
1928	[1] 160	41,720	25,850	44,245	48,676	27,009	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	33,457	25,235	42,252	45,714	29,116	17,610	46,022	1,023,189	2,531,185

[1] See headnote.

No. 291.—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 United States

[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	15,697
1900	57	23,572	65,808	27,059	27,186	30,348	12,755	15,419	27,504
1905	84	43,630	152,866	39,070	55,344	63,191	21,647	28,922	54,353
1910	154	65,485	309,716	78,176	94,395	111,042	41,465	57,915	100,115
1915	181	78,024	603,670	78,035	160,320	174,892	75,444	74,251	159,397
1919	174	89,484	926,951	89,651	364,389	392,239	150,176	145,087	313,430
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	1,037,579	491,584	378,806	925,468
1930	387	266,387	3,192,848	304,313	901,651	1,003,831	534,029	378,621	966,307
1931	371	239,683	3,149,886	232,776	827,847	931,546	529,023	347,925	926,141

[1] Total premium receipts prior to 1910.
[2] Includes all expenses in connection with payment of claims.
[3] Number of companies which show figures for the year.

Source of Tables 290 and 291: The Insurance Yearbook of the Spectator Co., New York, N. Y.

No. 292.—STOCK CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES: PREMIUMS AND LOSSES, BY CLASSES OF INSURANCE

NOTE.—Data cover about 80 per cent of the business of stock casualty, surety, and miscellaneous insurance companies, excluding a large number of smaller companies and those that do not transact multiple casualty lines

[All money figures in thousands of dollars]

Class	1930			1931			1932		
	Premiums received	Losses paid	Ratio, per cent	Premiums received	Losses paid	Ratio, per cent	Premiums received	Losses paid	Ratio, per cent
Total	721,764	483,717	64.2	679,544	448,849	66.1	583,007	414,739	71.1
Accident[1]	46,030	24,801	53.9	46,339	28,964	61.8	37,339	24,134	63.8
Automobile (not segregated)[2]	8,967	6,951	77.5	6,889	4,828	82.0	7,807	4,891	62.6
Automobile collision	12,514	8,815	70.4	12,564	8,670	69.1	7,105	4,666	65.7
Automobile fire	451	280	62.0				49	15	31.8
Automobile fire, theft, etc.[3]	1,360	589	43.3	1,442	826	57.3	726	352	48.5
Automobile liability	189,168	139,971	74.0	191,527	122,886	64.2	179,874	125,255	69.6
Automobile property damage	59,039	33,637	57.0	58,830	31,249	53.1	50,816	23,327	45.9
Automobile theft	360	188	52.1				45	25	56.7
Burglary and theft	34,898	14,661	42.0	32,636	15,005	46.0	27,146	13,973	51.5
Credit	5,399	3,876	71.8	4,446	4,271	96.1	3,647	3,266	89.5
Engine and machinery	3,390	988	29.1	2,410	362	15.0	2,065	652	31.6
Fidelity	44,966	24,046	53.5	44,045	23,028	52.3	42,287	23,661	56.0
Health[1]	17,203	11,280	65.6	15,694	11,411	73.2	13,640	10,634	78.0
Liability	60,883	27,991	46.0	57,292	27,701	48.5	52,087	27,931	53.6
Livestock	1,002	817	80.8	473	635	134.3	351	410	116.9
Noncancelable accident and health	6,166	3,485	56.5	6,408	4,533	70.7	6,272	4,865	77.6
Plate glass	13,145	5,539	42.1	11,828	5,079	42.9	10,229	4,747	46.4
Property damage and collision	2,524	954	37.8	2,925	1,208	41.3	2,440	853	34.9
Sprinkler and water damage	1,429	506	35.2	772	328	42.5	584	272	46.6
Steam boiler	7,202	1,139	15.7	12,395	4,880	39.4	5,087	847	16.6
Surety	53,082	36,019	67.8	46,624	48,317	103.6	33,765	45,825	135.7
Taxicab				381	155	40.7	843	407	48.4
Workmen's compensation	150,895	116,675	77.3	123,390	103,981	84.3	97,787	93,323	95.4
Other	1,631	508	31.1	884	424	50.9	434	430	99.0

[1] Combined accident and health included with accident.
[2] Includes small amounts of automobile accident, plate glass, tornado, and other miscellaneous classes.
[3] Data for motor-vehicle fire and theft insurance of stock fire and marine companies are as follows: 1930, premiums received, $124,225,000; losses paid, $66,579,000; 1931, premiums received, $107,584,000; losses paid $50,693,000; 1932, premiums received, $88,030,000; losses paid $47,268,000.

Source: The Spectator Co., New York, N. Y.

No. 293.—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 Table 181, p. 181

Class and number of companies	1926	1927	1928	1929	1930	1931	1932
Grand total, for companies included[1]	2,460	2,308	3,007	3,347	2,359	1,480	788
Industrial and mercantile (163)	1,036	994	1,229	1,435	861	380	[2] *80*
Automobiles, parts, and accessories (24)	297	329	410	357	175	79	[2] *61*
Steel and railroad equipment (13)	200	149	188	321	164	4	[2] *120*
Oil (18)	120	66	99	120	60	[2] *90*	18
Food (22)	121	126	139	156	141	117	84
Metals and mining (20)	42	38	59	82	32	4	[2] *11*
Machinery (15)	40	42	49	62	39	15	[2] *7*
Miscellaneous (51)	216	244	285	337	250	181	55
Public utilities (166)[4]	(3)	(3)	585	637	613	569	486
Telephone (103)[4]	212	228	253	276	270	272	224
Other public utilities (63)	(3)	(3)	332	361	343	297	262
Class I railroads (171)[5]	1,232	1,086	1,193	1,275	885	531	332

[1] Totals for 1926 and 1927 cover only 437 companies, totals for other years cover about 500 companies (see notes 4 and 5).
[2] Deficit.
[3] Data for 63 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 167 public utilities; for the first and fourth quarters of 1932, 101 telephone companies are included, making a total of 164 public utilities for these two quarters.
[5] For 1932, 167 railroads.

Source: Federal Reserve Bank of New York.

No. 294.—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	1,079,466
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					

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 295.—CAPITAL ISSUES: SUMMARY, BY CLASSES, 1919 TO 1932

NOTE.—*In millions and tenths of millions of dollars. Data cover domestic and foreign issues in the United States.* Preferred stocks of no par value and all common stocks are taken at their offering price, other issues at par, except that in the figures for corporate issues for 1910 to 1918 all stocks are included at their market value. Corporate issues for 1911 to 1918 exclude real estate offering and privileged stock subscriptions included in figures beginning 1919, and issues of less than $100,000. State and municipal issues include bonds issued by States, Territories, and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies

Year	Total issues	New capital	Refunding	Total issues, by kinds						
				Corporate				Farm-loan	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	121.0	1,235.7	456.3
1922	5,235.9	4,304.4	931.5	651.5	980.4	915.8	525.5	380.4	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	11,502.2	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	329.5	202.0	125.6	1,258.0	50.4
1932	1,721.4	1,191.0	530.4	61.0	540.3	20.9	21.8	189.6	[2] 841.9	66.0

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
1911	1,739.5	1,387.4		352.0	1922	3,073.3	2,304.3	145.0	624.0
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	5,290.6	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	10,020.4	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

[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 296.

Source: Corporate issues prior to 1919 from New York Journal of Commerce, all other data from the Commercial and Financial Chronicle.

No. 296.—CAPITAL ISSUES: CORPORATE, FOREIGN GOVERNMENT, FARM LOAN, AND STATE AND MUNICIPAL

NOTE.—See headnote Table 295

[In millions and tenths of millions of dollars]

Kind of issue	1925	1926	1927	1928	1929	1930	1931	1932
TOTAL								
All issues	7,126.0	7,480.3	9,933.7	9,991.8	11,592.2	7,677.0	4,022.9	1,721.4
Corporate, total	4,738.1	5,299.6	7,319.2	7,817.9	10,026.4	5,473.3	2,589.0	643.9
Domestic—								
Long-term bonds and notes	2,667.3	3,059.1	4,466.2	3,174.1	2,369.4	2,810.3	1,628.0	405.8
Short-term bonds and notes	308.0	294.5	302.5	264.9	250.6	620.3	400.1	214.0
Preferred stocks	636.8	543.6	1,054.7	1,397.1	1,694.7	421.5	148.0	10.9
Common stocks	610.1	676.0	683.5	2,094.1	5,061.8	1,105.0	195.1	13.1
Canadian	112.3	203.4	265.4	282.1	314.1	297.1	140.0	-------
Other foreign	403.7	522.4	546.9	605.5	335.7	219.1	77.8	-------
Canadian Government	146.0	109.8	135.3	38.1	61.8	137.7	50.4	66.0
Other foreign government	645.4	514.1	777.1	651.1	68.3	481.9	-------	-------
Farm-loan issues	188.2	131.3	179.6	63.9	-------	86.5	125.6	169.6
State and municipal:								
Domestic	1,399.6	1,365.1	1,509.6	1,414.8	1,430.7	1,487.3	1,256.3	[1] 840.6
U. S. territories and possessions	8.7	10.4	12.9	6.2	5.1	10.3	1.7	1.3
NEW CAPITAL								
All issues	6,220.2	6,344.1	7,791.1	8,114.4	10,182.8	7,023.4	3,115.5	1,191.0
Corporate, total	4,100.7	4,357.0	5,391.0	6,079.6	8,639.4	4,944.4	1,763.4	325.4
Domestic:								
Long-term bonds and notes	2,231.3	2,417.7	2,962.0	2,174.8	1,873.5	2,459.7	950.7	271.0
Short-term bonds and notes	220.7	240.2	220.7	210.5	204.7	520.0	288.7	34.1
Preferred stocks	594.3	509.3	874.2	1,149.1	1,516.7	412.2	116.2	10.5
Common stocks	553.3	577.8	590.9	1,811.6	4,407.1	1,091.2	195.1	9.7
Canadian	94.5	140.9	215.6	183.3	314.1	251.2	140.0	-------
Other foreign	401.7	462.2	518.6	550.2	323.3	210.1	72.8	-------
Canadian Government	49.2	60.8	89.3	35.1	52.2	130.6	40.9	26.0
Other foreign government	540.8	481.3	737.6	550.6	68.3	417.3	-------	-------
Farm-loan issues	168.7	91.1	86.8	63.9	-------	86.5	74.6	77.1
State and municipal:								
Domestic	1,352.1	1,343.5	1,475.0	1,379.1	1,417.8	1,434.3	1,234.8	[1] 761.2
U. S. territories and possessions	8.7	10.4	11.4	6.2	5.1	10.3	1.7	1.3
REFUNDING								
All issues	905.9	1,086.1	2,142.6	1,877.5	1,409.4	653.7	907.4	530.4
Corporate, total	637.4	942.6	1,928.2	1,738.3	1,386.9	528.9	825.5	318.5
Domestic:								
Long-term bonds and notes	436.0	641.4	1,504.2	999.3	495.9	350.6	677.3	134.8
Short-term bonds and notes	87.3	45.3	81.8	54.4	45.9	100.2	111.4	179.9
Preferred stocks	42.5	34.3	180.5	248.0	178.0	9.4	31.9	.4
Common stocks	51.8	98.8	83.7	282.5	654.7	13.8	-------	3.4
Canadian	17.8	62.6	49.8	98.8	-------	45.9	-------	-------
Other foreign	2.0	60.2	28.3	55.3	12.4	9.0	5.0	-------
Canadian Government	96.8	49.0	46.0	3.0	9.6	7.2	9.5	40.0
Other foreign government	104.6	32.9	39.5	100.5	-------	64.6	-------	-------
Farm-loan issues	19.5	40.2	92.8	-------	-------	-------	51.0	92.5
State and municipal:								
Domestic	47.5	21.5	34.6	35.6	12.9	53.0	21.4	[1] 79.4
U. S. territories and possessions	-------	-------	1.5	-------	-------	-------	-------	-------
CORPORATE ISSUES, NEW CAPITAL								
Total	4,100.7	4,357.0	5,391.0	6,079.6	8,639.4	4,944.4	1,763.4	325.4
Railroads	380.3	346.0	505.7	364.1	546.5	797.4	345.6	13.1
Public utilities	1,481.0	1,597.9	2,065.3	1,811.5	1,932.0	2,365.1	948.6	274.4
Iron, steel, coal, copper, etc	133.1	193.2	100.5	208.2	274.4	200.8	107.2	3.5
Equipment manufacturers	13.8	17.8	23.8	9.1	2.4	27.0	12.9	-------
Motors and accessories	186.1	131.4	94.7	66.3	82.1	16.2	-------	-------
Other industrial and manufacturing	501.4	526.9	705.4	852.5	1,177.2	519.7	136.6	10.9
Oil	168.4	262.7	317.3	193.7	270.9	263.5	15.1	-------
Land, buildings, etc	715.5	709.5	630.4	716.3	520.4	244.5	120.0	8.1
Rubber	64.8	43.2	12.7	55.9	90.0	33.9	-------	2.2
Shipping	30.1	21.5	26.3	21.2	31.3	10.0	1.7	-------
Inv. trusts, trading, holding, etc	15.1	71.1	174.9	786.7	2,222.2	232.7	4.1	1.2
Miscellaneous	411.2	435.9	734.0	994.2	1,489.9	233.5	62.6	12.0

[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.

Source: Commercial and Financial Chronicle.

No. 297.—BROKERS' LOANS OUTSTANDING EACH MONTH, 1926 TO 1932

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	1931	1932	1931	1932
January	3,513	3,139	4,420	6,735	3,985	1,720	512	1,366	453	354	59
February	3,536	3,256	4,323	6,670	4,168	1,840	525	1,505	482	335	43
March	3,000	3,290	4,640	6,804	4,656	1,909	533	1,630	497	279	37
April	2,836	3,341	4,908	6,775	5,063	1,651	379	1,389	341	262	38
May	2,767	3,458	5,274	6,665	4,748	1,435	300	1,173	247	261	53
June	2,926	3,569	4,898	7,071	3,728	1,391	244	1,102	189	289	54
July	2,868	3,642	4,837	7,474	3,689	1,344	242	1,041	190	303	52
August	3,142	3,674	5,051	7,882	3,599	1,354	332	1,069	264	285	68
September	3,219	3,915	5,514	8,549	3,481	1,044	380	802	270	242	110
October	3,111	3,946	5,880	6,109	2,556	796	325	616	202	181	123
November	3,129	4,092	6,392	4,017	2,162	730	338	600	214	130	124
December	3,293	4,433	6,440	3,990	1,894	587	347	502	226	85	120

Source: Federal Reserve Board.

No. 298.—NEW YORK STOCK EXCHANGE TRANSACTIONS

Item	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
Stocks (millions of shares)	259	236	282	454	451	577	920	1,125	810	577	425
Bonds, par value (millions of dollars):											
Railway and miscellaneous	1,905	1,568	2,345	2,332	2,004	2,142	1,967	2,182	1,927	1,846	1,642
United States Government	1,873	796	877	301	262	200	188	142	116	296	570
State, municipal, and foreign	592	425	582	661	721	837	749	658	721	908	755

Source: Commercial and Financial Chronicle.

No. 299.—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	185.30	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	74.05	4.07
1932	129.16	57.62	93.63	33.96	10.34	21.99	49.97	4.77

[1] Average of Saturday closing prices for these stocks.
[2] Computed from the yields on the average prices of the selected bonds for each day of the month, the average yield being capitalized at 4 per cent to give the combined index.
[3] Average market yield of bonds 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. 300.—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*
1858	4,225	95,749	22,662	1896	1,151,579	15,088	56,082	220,090	14,985
1859	3,913	64,394	16,456	1897	1,058,521	13,351	85,014	154,332	11,559
1860	3,676	79,807	21,710	1898	1,105,830	12,186	52,577	130,663	10,722
1861	6,093	207,210	29,631	1899	1,147,595	9,337	50,221	90,880	9,733
				1900	1,174,300	10,774	78,080	138,496	12,854
1862	1,652	23,049	13,952						
1863	495	7,899	15,958	1901	1,219,242	11,002	55,456	113,092	10,279
1864	520	8,579	16,498	1902	1,253,172	11,615	58,730	117,477	10,137
1865	530	17,625	33,255	1903	1,281,481	12,069	90,014	155,444	12,879
				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	98,666	34,772						
1868	2,608	63,094	24,423	1906	1,392,949	10,682	66,610	119,202	11,159
1869	2,799	75,054	26,815	1907	1,418,075	11,725	138,536	197,385	16,834
1870	3,546	88,242	24,885	1908	1,447,554	15,690	146,199	222,316	14,169
				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						
1873	5,183	228,499	44,086	1911	1,525,024	13,441	124,517	191,052	14,215
1874	5,830	155,239	26,628	1912	1,594,279	15,452	126,287	203,117	13,145
1875	7,740	201,060	25,977	1913	1,616,517	16,037	174,688	272,672	17,003
				1914	1,655,496	18,280	205,293	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						
1878	10,478	234,383	22,369	1916	1,707,639	16,903	113,599	196,212	11,547
1879	1,658	98,149	14,741	1917	1,733,225	13,855	103,465	182,441	13,168
1880	4,735	95,352	13,886	1918	1,708,061	9,982	101,638	163,020	16,331
				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	530,387	28,816
				1924	2,047,302	20,615	337,945	543,225	26,351
1886	9,834	114,644	11,651	1925	2,113,312	21,214	248,067	443,744	20,918
1887	9,634	167,561	17,391						
1888	10,679	123,830	12,559						
1889	10,882	148,784	13,692	1926	2,158,457	21,773	202,345	409,232	18,795
1890	10,907	189,857	17,406	1927	2,171,688	23,146	255,740	520,104	22,471
				1928	2,190,049	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	20,355	442,800	668,284	25,357
1893	15,242	346,780	22,751						
1894	13,885	172,993	12,458	1931	2,125,288	28,285	434,939	736,309	26,032
1895	13,197	173,196	13,124	1932	2,076,580	31,822	509,135	928,313	29,172

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
Number of failures:												
1922	2,723	2,331	2,463	2,167	1,960	1,740	1,753	1,714	1,566	1,708	1,737	1,814
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	1,864	2,162
1928	2,643	2,176	2,236	1,818	2,008	1,947	1,723	1,852	1,635	2,023	1,838	1,943
1929	2,535	1,965	1,987	2,021	1,897	1,767	1,752	1,762	1,568	1,822	1,796	2,037
1930	2,759	2,262	2,347	2,198	2,179	2,020	2,028	1,913	1,963	2,124	2,031	2,525
1931	3,816	2,563	2,604	2,383	2,248	1,993	1,983	1,944	1,936	2,362	2,195	2,758
1932	3,468	2,732	2,951	2,816	2,788	2,688	2,596	2,796	2,182	2,273	2,073	2,469
Liabilities (1,000 dollars):												
1922	73,796	72,608	71,608	73,059	44,403	38,242	40,010	40,280	36,908	34,647	40,265	58,069
1923	49,210	40,628	48,393	51,492	41,022	28,678	35,721	34,335	28,699	79,302	50,292	51,615
1924	51,273	35,942	97,651	48,904	36,591	34,099	30,813	55,154	34,296	36,099	31,124	45,279
1925	54,354	40,123	34,005	37,189	37,027	36,701	34,505	37,169	30,687	29,544	35,922	36,528
1926	43,651	34,176	30,623	38,487	33,543	29,408	29,680	28,130	29,990	33,231	32,694	45,620
1927	51,290	46,941	57,891	53,156	37,785	34,465	43,150	39,196	32,786	36,238	36,147	51,062
1928	47,634	45,071	54,814	37,985	36,117	29,827	29,687	88,202	33,957	34,990	40,601	40,774
1929	53,877	34,036	36,856	35,270	41,216	31,375	32,426	33,746	34,125	31,314	52,046	67,465
1930	61,185	51,328	56,846	49,059	55,541	63,131	39,826	49,181	46,947	56,297	55,261	83,683
1931	94,608	59,603	60,387	50,808	53,371	51,656	60,998	53,025	47,256	70,660	60,660	73,213
1932	96,860	84,900	93,760	101,069	83,764	76,931	87,190	77,031	56,128	52,870	53,621	64,189

Source: Dun's Review, New York, N. Y.

No. 301.—COMMERCIAL FAILURES: BY STATES, 1932

[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	**2,076,580**	**31,822**	**509,135**	**928,313**	**7,279**	**350,097**	**22,624**	**431,179**	**1,919**	**147,037**
New England	**156,972**	**3,305**	**40,435**	**73,827**	**939**	**30,098**	**2,110**	**32,635**	**256**	**11,093**
Maine	17,045	244	2,506	4,400	47	1,182	182	2,718	15	500
New Hampshire	10,572	123	1,165	2,495	30	848	89	1,537	4	110
Vermont	7,214	64	531	1,031	16	535	47	492	1	4
Massachusetts	79,250	1,570	25,100	47,060	535	21,470	862	16,633	173	8,958
Rhode Island	12,502	384	1,587	2,789	95	941	264	1,463	25	336
Connecticut	30,389	920	9,546	16,050	216	5,122	666	9,793	38	1,135
Middle Atlantic	**531,948**	**9,641**	**179,927**	**346,728**	**2,697**	**144,017**	**6,359**	**158,079**	**585**	**44,632**
New York	278,951	5,941	110,434	216,950	1,768	86,647	3,804	99,374	369	30,929
New Jersey	83,183	1,548	25,618	49,592	451	20,329	995	21,805	102	7,458
Pennsylvania	169,814	2,152	43,775	80,186	478	37,041	1,560	36,899	114	6,246
East North Central	**439,356**	**6,250**	**127,847**	**209,571**	**1,586**	**91,778**	**4,307**	**83,539**	**357**	**34,253**
Ohio	116,859	1,951	40,353	56,348	501	28,384	1,354	25,179	96	2,786
Indiana	59,866	563	8,576	15,863	132	6,098	412	9,018	19	748
Illinois	135,553	2,117	46,418	76,374	540	33,482	1,460	27,614	117	15,277
Michigan	69,643	831	19,012	36,906	179	10,380	568	12,631	84	13,895
Wisconsin	60,935	788	13,487	24,080	234	13,434	513	9,098	41	1,548
West North Central	**242,779**	**2,456**	**31,979**	**59,743**	**390**	**13,612**	**1,926**	**26,965**	**140**	**19,165**
Minnesota	44,503	574	3,911	7,330	101	1,465	435	4,872	38	992
Iowa	45,611	385	3,517	7,081	56	2,436	316	4,453	13	192
Missouri	67,499	703	18,030	32,907	144	7,137	506	9,057	53	16,713
North Dakota	11,830	57	516	830	1	21	54	731	2	77
South Dakota	12,005	98	600	1,099	12	121	81	910	5	67
Nebraska	26,243	363	3,101	5,946	52	2,006	288	3,699	23	242
Kansas	35,088	276	2,303	4,550	24	426	246	3,242	6	882
South Atlantic	**200,900**	**2,687**	**39,250**	**70,547**	**393**	**25,317**	**2,091**	**35,883**	**153**	**9,348**
Delaware	4,922	38	502	850	5	286	29	412	4	152
Maryland	31,301	475	9,763	19,418	146	8,946	282	6,289	47	4,182
Dist. of Columbia	10,884	91	618	1,240	13	243	76	952	2	44
Virginia	31,105	487	4,005	7,198	70	1,851	398	4,977	19	370
West Virginia	24,195	372	6,717	13,796	43	6,374	307	4,406	22	3,016
North Carolina	32,549	473	7,560	13,666	54	5,158	385	7,798	34	710
South Carolina	14,005	76	955	1,698	3	671	73	1,027		
Georgia	27,496	342	3,919	5,512	34	975	291	4,339	17	197
Florida	24,443	283	5,211	7,169	25	812	250	5,683	8	674
East South Central	**105,299**	**1,578**	**19,525**	**37,307**	**226**	**12,001**	**1,281**	**23,555**	**71**	**1,751**
Kentucky	33,783	356	5,223	8,129	59	3,668	273	3,837	24	624
Tennessee	29,424	578	6,014	11,386	108	4,333	442	6,687	28	366
Alabama	23,734	314	4,323	10,682	37	3,370	262	6,780	15	532
Mississippi	18,358	330	3,465	7,110	22	630	304	6,251	4	229
West South Central	**171,305**	**1,800**	**22,120**	**40,587**	**209**	**7,115**	**1,547**	**28,156**	**44**	**5,317**
Arkansas	22,665	292	3,815	6,404	26	946	258	3,780	8	1,678
Louisiana	25,005	179	1,875	4,104	30	1,461	147	2,612	2	31
Oklahoma	35,737	315	3,413	7,550	35	1,030	272	4,597	8	1,923
Texas	87,808	1,014	13,017	22,529	118	3,678	870	17,167	26	1,685
Mountain	**59,005**	**910**	**9,165**	**17,033**	**109**	**3,318**	**740**	**8,810**	**61**	**4,905**
Montana	9,215	128	425	961	12	57	107	807	9	97
Idaho	7,339	107	607	1,139	7	138	91	791	9	210
Wyoming	3,890	55	349	668	6	315	46	335	3	18
Colorado	18,527	254	3,913	6,285	30	710	204	2,552	20	3,024
New Mexico	5,210	64	247	523	8	70	52	398	4	55
Arizona	6,096	76	1,252	2,429	7	47	63	1,546	6	836
Utah	6,801	206	2,304	4,903	38	1,975	158	2,262	10	665
Nevada	1,927	20	68	125	1	7	19	118		
Pacific	**168,516**	**3,245**	**38,988**	**72,970**	**730**	**22,839**	**2,263**	**33,557**	**252**	**16,575**
Washington	34,237	728	6,478	13,142	157	4,903	524	7,686	47	493
Oregon	20,342	480	5,818	10,790	108	3,303	334	4,190	38	3,297
California	113,937	2,037	26,692	49,038	465	14,573	1,405	21,680	167	12,785

Source: Dun's Review, New York, N. Y.

No. 302.—COMMERCIAL FAILURES, BY BRANCHES OF BUSINESS

NOTE.—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, 1932 (dollars)
	1929	1930	1931	1932	1929	1930	1931	1932	
Total commercial	22,909	26,355	28,285	31,822	483,250	668,284	736,309	928,313	29,172
Total manufacturing	6,007	6,278	6,412	7,279	186,734	238,639	283,453	350,097	48,097
Iron, foundries, and nails	148	103	181	286	6,232	2,970	19,826	19,920	69,650
Machinery, vehicles, etc.	295	330	409	506	11,600	18,336	52,003	32,777	64,777
Woolens, carpets, and knit goods	20	30	54	61	544	2,047	5,516	3,013	49,393
Cottons, lace, and hosiery	16	26	11	38	2,152	4,620	4,807	8,345	219,605
Lumber, carpenters, and coopers	1,135	1,041	751	891	53,631	55,230	44,056	66,082	74,160
Clothing and millinery	500	579	707	840	7,988	16,392	14,625	23,299	27,737
Hats, gloves, and furs	183	215	215	277	3,072	5,426	5,221	7,369	26,603
Chemicals and drugs	102	94	102	156	1,290	3,237	4,425	9,105	58,365
Paints and oils	21	20	26	44	336	1,153	2,592	1,569	35,659
Printing and engraving	174	212	260	384	2,571	7,178	9,471	13,035	33,945
Milling and bakers	462	449	493	554	5,607	6,266	7,848	8,586	15,498
Leather, shoes, and harness	151	150	203	248	2,747	7,451	5,864	14,872	59,968
Tobacco, etc.	76	73	100	115	2,359	1,542	2,208	2,485	21,609
Glass, earthenware, and brick	102	115	106	237	6,825	7,659	10,539	11,563	48,789
All other	2,622	2,841	2,794	2,642	79,779	98,633	93,853	128,077	48,477
Total trading	15,417	18,393	20,170	22,624	224,731	272,930	355,358	431,179	19,058
General stores	1,017	1,197	1,408	1,461	13,289	15,966	24,700	20,541	18,166
Groceries, meat, and fish	3,497	3,309	3,719	4,311	30,150	31,925	44,346	47,221	10,954
Hotels and restaurants	1,172	1,132	1,159	1,268	20,499	20,882	44,001	51,533	40,964
Tobacco, etc.	223	272	295	280	2,303	2,543	3,152	3,923	14,011
Clothing and furnishings	1,983	2,819	3,055	3,680	25,955	35,292	47,165	57,188	15,540
Dry goods and carpets	980	1,267	1,441	1,623	15,943	25,986	26,054	36,033	22,201
Shoes, rubbers, and trunks	542	724	858	950	6,326	7,325	12,926	12,905	13,679
Furniture and crockery	659	860	937	1,108	14,950	18,195	25,431	29,192	26,347
Hardware, stoves, and tools	542	643	763	807	8,596	9,531	11,647	13,403	16,608
Chemicals and drugs	701	982	1,151	1,422	7,644	10,781	13,947	18,541	13,039
Paints and oils	91	116	109	127	5,650	1,844	1,546	1,425	11,220
Jewelry and clocks	421	493	663	779	8,206	8,074	12,885	17,664	22,675
Books and papers	132	163	218	276	1,817	1,545	3,307	4,583	16,605
Hats, furs, and gloves	128	161	120	210	4,056	5,048	1,891	5,413	25,776
All other	3,329	4,249	4,268	4,332	59,346	77,993	82,360	105,523	24,359
Agents, brokers, etc.	1,485	1,684	1,703	1,919	71,784	156,714	97,499	147,037	76,622

Year	Number of failures				Liabilities (in thousands of dollars)			
	Total	Manufacturing	Trading	Agents, brokers, etc.	Total	Manufacturing	Trading	Agents, brokers, etc.
1913	16,037	4,243	11,145	649	272,672	123,123	115,115	34,435
1914	18,280	4,520	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*	*152,441*	*73,544*	*70,117*	*32,781*
1918	9,982	2,766	6,494	722	103,020	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

Source: Dun's Review, New York, N. Y.

14. PRICES

GENERAL NOTE.—The wholesale price index of the Department of Labor is based on primary market quotations of 784 commodities beginning 1926; a smaller number of commodities was covered in earlier years. In weighting the prices included in the index, the biennial census reports of 1923 and 1925 have been used for most manufactured products and for other products the average for the years 1923 to 1925 where trustworthy information was available as in the case of agricultural products. Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one of the classifications adopted were included under each classification. For example, articles produced on the farm which reach the consumer practically unchanged in form, such as potatoes, milk, and eggs, were included among both farm products and foods. However, in computing the index for all commodities such articles were counted only once.

The retail food index is based on the weighted average quotations (weighted by average family consumption in 1918) as of the 15th of the month, secured from retail stores in 51 cities since 1920 (from a smaller number in earlier years) for 22 commodities from 1913 to 1920, for 43 commodities from 1921 to 1928, and 42 thereafter.

The farm price index is constructed by weighting prices paid to producers for 27 products (30 products for 1922 to 1925). 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 1918 to 1923.

No. 303.—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	133.3	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	138.4	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	101.5	103.0	104.3	103.9	103.4	103.6	104.5	103.4
1926	100.0	103.2	102.0	100.6	100.3	100.5	100.4	99.5	99.1	99.7	99.4	98.4	97.9
1927	95.4	96.5	95.8	94.7	94.1	94.2	94.1	94.3	95.2	96.3	96.6	96.3	96.4
1928	96.7	96.4	95.8	95.5	96.6	97.5	96.7	97.4	97.6	98.6	98.7	95.8	95.8
1929	95.3	95.9	95.4	96.1	95.5	94.7	95.2	96.5	96.3	96.1	95.1	93.5	93.3
1930	86.4	92.5	91.4	90.2	90.0	88.8	86.8	84.4	84.3	84.4	83.0	81.3	79.6
1931	73.0	78.2	76.8	76.0	74.8	73.2	72.1	72.0	72.1	71.2	70.3	70.2	68.6
1932	64.8	67.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2	65.3	64.4	63.9	62.6
	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	116.7	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
	August, 1909-July, 1914=100												
Farm prices:													
1918	200	194	197	199	200	198	196	197	203	207	204	200	201
1919	209	200	194	197	207	215	216	222	222	208	206	209	212
1920	205	219	221	222	230	235	234	224	209	194	178	158	140
1921	116	135	128	123	115	112	110	111	116	118	120	116	115
1922	124	114	118	123	123	127	128	126	120	119	123	126	131
1923	135	134	136	136	137	135	133	130	128	132	134	136	137
1924	134	137	136	131	130	129	130	132	139	132	138	137	139
1925	147	146	146	151	147	146	148	149	152	144	143	144	143
1926	136	143	143	140	140	139	139	136	133	134	130	130	127
1927	131	126	127	126	125	126	130	130	132	140	139	137	137
1928	139	137	135	137	140	143	145	145	139	141	137	134	134
1929	138	133	136	140	138	136	135	140	143	141	140	136	135
1930	117	134	131	126	127	124	123	111	108	111	106	103	97
1931	80	94	90	91	91	86	80	79	75	72	68	71	66
1932	57	63	60	61	59	56	52	57	59	59	56	54	52

Sources: Wholesale and retail prices, Department of Labor; farm prices, Department of Agriculture.

No. 304.—WHOLESALE PRICES BY MAJOR COMMODITY GROUPS: INDEX NUMBERS

NOTE.—See general note, page 279. For indexes for all commodities for prior years see Table 305. For index numbers (based on 1923–1925 as 100) showing price changes in farm products and foods compared with all other commodities combined, see Table 541, p. 568

[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	120.6
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	*69.3*	*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*	*85.1*	*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
1932 (1913=100)	*92.8*	*67.4*	*95.0*	*107.0*	*95.8*	*114.7*	*88.3*	*125.9*	*91.6*	*133.4*	*69.2*
1930											
January–March	91.4	97.9	95.8	104.1	86.1	80.7	96.9	94.1	92.2	93.6	81.1
April–June	88.5	92.6	92.6	102.6	83.0	79.6	93.6	91.9	90.3	93.5	79.9
July–September	84.4	84.4	88.0	99.7	78.0	78.3	89.8	87.8	87.8	92.8	76.0
October–December	81.3	79.0	85.8	94.1	74.2	75.6	87.9	85.5	86.1	90.8	74.1
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	*67.3*	*52.8*	*64.7*	*79.3*	*59.6*	*67.9*	*81.8*	*74.8*	*75.7*	*77.7*	*65.6*
February	66.3	50.6	62.5	78.3	59.5	68.3	80.9	73.4	75.5	77.5	64.7
March	66.0	50.2	62.3	77.3	58.0	67.9	80.8	73.2	75.3	77.1	64.7
April	65.5	49.2	61.0	75.0	56.1	70.2	80.3	72.5	74.4	76.3	64.7
May	64.4	46.6	59.3	72.5	54.3	70.7	80.1	71.5	73.6	74.8	64.4
June	63.9	45.7	58.8	70.8	52.7	71.6	79.9	70.8	73.1	74.7	64.2
July	64.5	47.9	60.9	68.6	51.5	72.3	79.2	69.7	73.0	74.0	64.3
August	65.2	49.1	61.8	69.7	52.7	72.1	80.1	69.6	73.3	73.6	64.6
September	65.3	49.1	61.8	72.2	55.6	70.8	80.1	70.5	72.9	73.7	64.7
October	64.4	46.9	60.5	72.8	55.0	71.1	80.3	70.7	72.7	73.7	64.1
November	63.9	46.7	60.6	71.4	53.9	71.4	79.6	70.7	72.4	73.7	63.7
December	62.6	44.1	58.3	69.6	53.0	69.3	79.4	70.8	72.3	73.6	63.4

Source: Bureau of Labor Statistics, Department of Labor.

No. 305.—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. 306.—WHOLESALE PRICES OF COMMODITY SUBGROUPS: INDEX NUMBERS

NOTE.—1926=100. Each of the 10 groups covered by Table 304 is divided into from 2 to 7 subgroups. See also general note p. 279 regarding commodities included in two groups

Subgroup	1913	1923–1925	1928	1929	1930	1931	1932	1931		1932	
								June	Dec.	June	Dec.
Grains	71.1	102.3	107.3	97.4	78.3	53.0	39.4	56.0	47.0	37.7	31.7
Livestock and poultry	73.3	85.3	105.4	106.1	89.2	63.9	48.2	61.9	51.7	46.7	38.7
Other farm products	70.8	115.1	105.8	106.6	91.1	69.2	51.4	70.8	61.2	48.2	51.3
Butter, cheese, milk	65.9	99.7	105.5	105.6	95.5	81.8	61.3	78.8	79.8	57.4	59.5
Cereal products	------	------	93.6	88.0	81.5	73.1	66.4	74.3	72.2	66.8	61.7
Fruits and vegetables	------	------	96.5	97.8	96.6	72.4	58.0	76.4	63.5	62.4	52.8
Meats	59.8	81.7	107.0	109.1	98.4	75.4	58.2	71.3	63.2	56.0	49.4
Other foods	65.9	101.4	97.6	93.9	80.9	69.8	60.7	68.5	67.2	55.4	66.1
Boots and shoes	54.5	99.3	109.9	106.3	102.0	93.7	86.1	94.6	89.2	87.5	83.8
Hides and skins	106.8	115.5	148.6	112.7	91.0	60.2	42.1	65.5	48.8	32.5	41.7
Leather	99.1	102.9	126.3	113.2	101.3	86.2	65.1	87.8	78.6	58.7	59.2
Other leather products	50.8	103.4	108.2	106.4	105.5	101.4	90.1	101.4	99.7	96.4	81.9
Clothing	------	------	93.2	90.0	86.2	75.9	63.0	76.3	70.8	67.4	62.5
Cotton goods	58.0	113.9	100.4	98.8	84.7	66.1	54.0	67.6	56.4	51.0	51.7
Knit goods	------	------	90.1	88.5	80.0	60.9	51.6	59.8	58.5	49.6	43.3
Silk and rayon	71.8	112.4	83.7	80.4	60.2	43.5	31.0	41.9	39.0	27.5	29.3
Woolen and worsted goods	53.7	108.2	100.1	88.3	79.0	68.2	57.7	68.0	63.9	55.0	54.2
Other textile products	62.7	89.5	95.4	93.1	84.2	75.1	67.9	75.5	71.3	66.7	66.6
Anthracite	58.9	99.7	91.7	90.1	89.1	91.1	88.4	88.8	94.8	85.3	88.7
Bituminous coal	38.1	103.2	93.6	91.3	89.4	84.6	82.0	83.2	83.8	81.8	80.2
Coke	46.3	104.6	84.6	84.6	84.0	82.4	77.7	81.5	81.1	76.9	75.3
Electricity	------	------	96.6	94.5	97.7	98.8	104.7	98.6	104.1	105.5	104.1
Gas	78.1	103.2	94.9	93.1	97.3	98.7	101.3	101.9	98.2	100.3	90.5
Petroleum products	73.3	87.0	72.0	71.3	61.5	50.5	45.4	30.7	39.6	48.2	45.2
Agricultural implements	72.9	101.6	99.3	98.7	95.0	92.1	84.9	94.2	85.5	84.9	84.5
Iron and steel	70.9	109.6	93.5	94.9	89.1	83.3	79.4	83.5	81.0	79.8	78.8
Motor vehicles	147.5	107.2	102.9	100.7	100.3	94.8	94.1	94.2	95.2	93.8	93.0
Nonferrous metals	88.9	96.6	94.0	106.1	82.4	61.9	49.8	61.2	53.8	47.5	48.3
Plumbing and heating	------	------	95.1	95.0	88.6	84.7	66.8	86.6	79.9	66.7	67.5
Brick and tile	38.9	102.4	95.6	94.3	89.8	83.6	77.3	83.7	80.0	76.1	75.1
Cement	59.6	105.4	95.9	91.8	91.8	79.4	77.2	77.7	74.6	77.1	81.1
Lumber	54.0	103.9	90.5	93.8	85.8	69.5	58.5	68.5	65.8	57.6	56.5
Paint and paint material	50.8	103.4	93.1	94.9	90.5	79.4	71.1	80.0	76.6	73.3	68.1
Plumbing and heating	------	------	95.1	95.0	88.6	84.7	66.8	86.6	79.9	66.7	67.5
Structural steel	77.1	113.4	95.2	98.1	87.3	83.1	80.9	84.3	81.7	81.7	81.7
Other bldg. materials	63.1	103.3	96.7	97.7	93.3	84.8	79.5	85.4	81.5	77.6	80.1
Chemicals	89.4	102.3	100.5	99.1	93.7	83.0	79.5	82.5	80.8	78.6	79.7
Drugs and pharmaceuticals	56.6	95.4	72.6	71.5	68.0	62.8	57.7	62.6	61.0	58.3	54.7
Fertilizer materials	85.5	98.0	94.6	92.1	85.6	76.8	66.9	79.8	70.1	68.0	63.1
Mixed fertilizer	84.3	101.2	97.3	97.2	93.6	82.0	69.3	82.4	77.1	69.0	65.6
Furniture	70.7	109.7	96.7	95.0	94.0	88.0	75.0	89.8	80.6	74.0	72.7
Furnishings	47.9	103.5	93.7	93.6	91.4	82.2	75.4	83.4	76.6	75.4	74.7
Cattle feed	82.2	113.8	138.1	121.6	99.7	62.7	46.0	61.1	53.9	42.1	37.1
Paper and pulp	59.4	102.9	91.4	88.9	86.1	81.4	75.5	80.7	80.8	76.2	73.0
Rubber, crude	170.2	88.5	46.4	42.3	24.5	12.8	7.3	13.3	9.5	5.8	6.8
Auto tires and tubes	207.2	100.2	63.4	54.5	51.3	46.0	41.1	46.0	40.8	39.6	44.6
Other miscellaneous	64.4	100.8	96.9	98.4	95.5	88.0	83.7	88.2	85.9	84.6	81.3

Source of Tables 305 and 306: Bureau of Labor Statistics, Department of Labor.

No. 307.—WHOLESALE PRICES OF LEADING COMMODITIES

NOTE.—This list is a selection from among the 784 commodities entering into the general index of wholesale prices of the Department of Labor, shown in Table 304

Commodity	Unit	Average price						
		1923–1925	1927	1928	1929	1930	1931	1932
I.—FARM PRODUCTS		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Barley, feeding, Chicago	Bushel	0.774	0.825	0.826	0.615	0.602	0.490	0.398
Corn, contract grades, Chicago	do	.944	.882	.977	.941	.827	.531	.313
Corn, No. 3, mixed, Chicago	do	.927	.851	.953	.929	.810	.519	.304
Oats, No. 2, white, Chicago	do	.473	.497	.555	.486	.397	.278	.209
Rye, No. 2, Chicago	do	.932	1.046	1.133	1.016	.624	.431	.393
Wheat, No 2, red winter, Chicago	do	1.407	1.378	1.540	1.304	.983	.665	.531
Wheat, No 2, hard, Kansas City	do	1.338	1.372	1.325	1.180	.900	.606	.494
Wheat, No. 1, northern spring, Minneapolis.	do	1.359	1.369	1.285	1.276	.984	.739	.605
Cattle, steers, good to choice, Chicago.	100 lbs	10.093	12.688	14.489	13.493	11.027	8.759	7.799
Hogs, fair to choice, light, Chicago	do	9.534	10.602	9.862	10.666	9.938	6.642	4.117
Lambs, western, fair to good, Chicago.	do	14.335	13.860	14.203	13.719	8.758	6.824	5.363
Poultry, live fowls, Chicago	Pound	.218	.225	.246	.273	.219	.187	.149
Cotton, middling, New Orleans	do	.205	.172	.194	.186	.131	.083	.063
Eggs, firsts, Chicago	Dozen	.339	.300	.324	.354	.270	.201	.177
Eggs, firsts, New York	do	.370	.320	.329	.368	.278	.225	.208
Apples, medium grade, Portland, Oreg.	Box	-------	2.179	2.705	2.728	2.676	1.926	1.079
Oranges, choice, California	do	6.209	7.094	7.370	6.540	7.248	4.929	3.819
Hay, alfalfa, Kansas City	Ton	22.199	18.594	22.808	24.566	21.596	15.716	12.144
Hay, timothy, No. 1, Chicago	do	24.055	19.447	20.588	20.394	19.779	17.529	12.721
Milk, fluid, Chicago	100 lbs	3.001	2.975	2.735	2.955	2.920	2.775	2.182
Milk, fluid, New York	do	3.419	3.732	3.827	3.907	3.848	3.448	2.379
Peanuts, Norfolk	Pound	.063	.055	.056	.049	.040	.038	.014
Flaxseed, Minneapolis	Bushel	2.053	2.202	2.245	2.766	2.353	1.484	1.181
Tobacco, leaf, warehouse sales	100 lbs	-------	18.755	20.204	20.125	17.424	12.203	8.464
Potatoes, white, Chicago	do	1.645	2.309	1.354	1.606	2.136	1.210	.801
Wool, Ohio, medium grades	Pound	.548	.447	.543	.467	.310	.226	.196
II.—FOODS								
Butter, creamery, extra:								
Chicago	Pound	.437	.458	.461	.437	.353	.271	.201
New York	do	.450	.473	.474	.449	.364	.283	.210
San Francisco	do	.476	.454	.460	.458	.364	.281	.219
Cheese, whole milk, Chicago	do	.219	.241	.240	.221	.152	.141	.120
Milk, evaporated, New York	Case[1]	4.396	4.564	4.429	4.267	3.846	3.542	2.789
Beef, fresh, carcass, steers, Chicago	Pound	.170	.186	.228	.231	.207	.156	.131
Lamb, fresh, Chicago	do	.258	.262	.267	.256	.191	.157	.134
Hams, Chicago	do	.228	.246	.228	.244	.230	.181	.133
Pork, mess, New York	Barrel (200 lbs.)	31.055	34.500	32.120	30.370	31.125	23.192	17.426
Pork, sides, clear, Chicago	Pound	.162	.187	.163	.171	.166	.115	.073
Pork, fresh (composite price), Chicago.	do	.161	.183	.170	.183	.175	.123	.078
Poultry, Chicago	do	.246	.232	.226	.242	.242	.193	.143
Bread, Chicago	do	.075	.075	.075	.075	.075	.074	.070
Bread, New York	do	.070	.070	.070	.066	.066	.066	.060
Coffee, Rio No. 7, New York	do	.162	.148	.165	.157	.087	.062	.081
Salmon, canned, Alaska, red, No. 1, tall	Doz. cans	2.645	2.868	2.900	2.709	3.009	2.848	1.859
Flour, *short patents, winter*, Kansas City.	Barrel	7.160	7.388	7.073	6.535	5.535	4.248	3.654
Flour, standard patents, Minneapolis.	do	7.468	7.433	7.205	6.786	5.626	4.578	4.192
Flour, patents, Portland, Oreg	do	7.992	7.475	7.545	7.176	6.003	4.550	4.619
Raisins, seedless, New York	Pound	-------	.060	.045	.046	.044	.053	.048
Bananas, Jamaicas, New York	Bunch	2.395	2.202	2.101	1.766	1.898	1.626	1.727
Lard, prime, contract, New York	Pound	.141	.129	.123	.120	.109	.080	.050
Oleomargarine, standard, uncolored, Chicago.	do	.225	.223	.225	.235	.218	.133	.097
Rice, Blue Rose, New Orleans	do	.054	.041	.038	.038	.040	.031	.022
Salt, American, medium, Chicago	Barrel	2.380	2.195	2.272	2.214	2.112	2.372	2.347
Sugar, granulated, New York	Pound	.071	.058	.056	.051	.047	.044	.040
Sugar, raw, 96°, New York	do	.058	.047	.042	.038	.034	.033	.029
Cottonseed oil, New York	do	.110	.097	.099	.097	.081	.060	.038
III.—HIDES AND LEATHER PRODUCTS								
Hides, packers, heavy, native steers	Pound	.158	.195	.238	.171	.139	.091	.061
Calfskins, No. 1, country, Chicago	do	.180	.197	.274	.190	.163	.114	.063
Goat skins, Brazil, New York	do	.818	.751	.787	.741	.771	.578	.399

[1] Case of 4 dozen 16-ounce cans. Price for 1931 and 1932 computed from price of 14½-ounce cans.

No. 307.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1927	1928	1929	1930	1931	1932
III.—HIDES AND LEATHER PRODUCTS—continued.								
Leather:		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Calf, chrome, B grade, tannery	Sq. ft.				0.395	0.372	0.345	0.259
Glazed kid, top grade, Boston	do	0.681	0.677	0.715	.725	.692	.600	.436
Side, black, chrome, tanned, B grade, Boston.	do	.266	.320	.369	.288	.238	.204	.162
Sole, oak, scoured backs, Boston	Pound	.480	.493	.641	.529	.452	.365	.291
Shoes:								
Child's gun metal	Pair		1.425	1.793	1.853	1.631	[2] 1.200	1.150
Men's, dress, medium grade [3]	do	3.162	3.268	3.575	3.750	3.350	3.200	3.250
Women's, black kid, McKay sewed	do	3.525	3.625	3.729	3.600	3.563	3.188	2.942
IV.—TEXTILE PRODUCTS								
Cotton goods, mill:								
Damask, table, mercerized, mill, 58-inch	Yard		.357	.370	.370	.370	.338	.293
Denims, Mass., 28-inch	do	.233	.170	.191	.181	.147	.114	.091
Drillings, brown 29-inch	do	.174	.120	.126	.125	.105	.073	.055
Gingham, 27-inch	do	.126	.095	.106	.105	.093	.078	.062
Muslin, bleached, Series 1	do	.183	.161	.166	.174	.157	.132	.103
Print cloth, 27-inch	do	.070	.055	.058	.052	.042	.033	.026
Sheeting, bleached, Series 1	do	.486	.385	.410	.419	.362	.282	.210
Sheeting, brown, Series 2	do	.149	.121	.122	.117	.103	.080	.062
Yarn, carded, white, northern, 22/1's cones.	Pound	.459	.351	.371	.358	.274	.216	.178
Knit goods, mill:								
Hosiery, women's, pure silk	Doz. prs.	12.337	11.003	[3] 9.792	9.313	7.896	5.760	4.394
Hosiery, men's, silk	do	5.750	4.250	3.950	3.850	3.567	2.717	2.226
Women's union suits, cotton	Dozen		8.864	9.500	9.500	9.310	8.187	6.445
Silk and rayon:								
Rayon, 150 B denier, New York	Pound	2.136	1.439	1.450	1.180	1.009	.727	.630
Silk, raw, steam filature, N. Y.	do	7.509	5.559	5.128	4.886	3.629	2.442	1.653
Woolen and worsted goods, mill:								
Suiting serge, 11-ounce	Yard	2.478	2.051	2.052	1.961	1.818	1.586	1.328
French serge, 54-inch [4]	do	.776	.987	1.006	.975	1.106	.960	.815
Yarn, fine weaving, 2/50's	Pound	2.469	2.089	2.088	1.967	1.668	1.442	1.186
Thread, 6-cord	Spool	.033	.036	.036	.036	.036	.035	.035
V.—FUEL AND LIGHTING								
Coal, anthracite, chestnut	Ton	13.861	13.298	13.001	12.886	12.715	12.768	12.184
Coal, bituminous, mine run	do	4.976	4.264	4.033	3.953	3.909	3.736	3.638
Coke, Connellsville, furnace	do	4.378	3.199	2.793	2.780	2.567	2.460	2.123
Electricity	100 kwh.		1.506	1.414	1.383	1.430	1.446	1.532
Manufactured gas	1,000 cu. ft.	1.062	1.013	.982	.985	.986	.984	1.014
Petroleum, crude, Kans.-Okla	Barrel	1.519	1.285	1.203	1.233	1.111	.573	.811
Fuel oil, refinery, Pennsylvania	Gallon	.056	.051	.048	.048	.039	.027	.032
Gasoline, refinery, Pennsylvania	do	.130	.092	.099	.091	.073	.050	.057
VI.—METALS AND PRODUCTS								
Iron ore, non-Bessemer	Ton	4.924	4.250	4.250	4.443	4.500	4.500	4.500
Pig iron, basic, furnace	do	21.873	17.097	16.664	18.189	17.962	15.837	13.981
Pig iron, Bessemer, Pittsburgh	do	24.860	20.437	19.207	20.538	20.260	18.693	17.121
Nails, wire, Pittsburgh	100 lbs.	2.948	2.638	2.676	2.667	2.191	1.978	2.050
Pipe, cast-iron, 6-inch, New York	Ton	57.549	43.315	37.659	36.066	39.315	34.454	30.398
Skelp, grooved, Pittsburgh	100 lbs.	2.149	1.830	1.865	1.859	1.730	1.611	1.567
Steel billets, rerolling, Pittsburgh	Ton	38.465	33.269	32.673	34.642	31.808	29.346	26.519
Steel plates, tank, Pittsburgh	Pound	.021	.018	.019	.019	.017	.016	.016
Steel rails, open-hearth, mill	Ton	43.000	43.000	43.000	43.000	43.000	43.000	42.377
Steel sheets, No. 27, mill	Pound	.035	.031	.029	.030	.027	.025	.023
Steel, structural, mill	100 lbs.	2.220	1.854	1.865	1.921	1.708	1.627	1.584
Tin plate, Pittsburgh	do	5.470	5.481	5.262	5.350	5.188	4.942	4.712
Aluminum, New York	Pound	.265	.254	.239	.239	.234	.229	.229
Copper, ingot, electrolytic	do	.139	.130	.146	.181	.129	.081	.056
Lead, pig, desilverized, New York	do	.083	.068	.063	.068	.055	.042	.032
Silver, bar, fine, New York	Ounce	.672	.567	.585	.533	.385	.290	.283
Tin, pig, New York	Pound	.502	.644	.504	.452	.315	.244	.219
Zinc, pig, slab, New York	do	.072	.066	.064	.068	.049	.040	.033

[2] Grade changed; figures not strictly comparable with those for earlier year.
[3] Prior to 1928, men's black dress welt; change in grade does not materially affect comparability of figures.
[4] Prior to 1927, 35-inch; for 1927 to 1929, 39-inch.

No. 307.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1927	1928	1929	1930	1931	1932
VI.—METALS, ETC.—continued								
Agricultural implements, factory:		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cultivator	Each	45.313	42.030	41.320	40.845	39.420	39.420	39.420
Harrow, spike, peg tooth	do	16.973	15.670	15.670	14.824	13.870	13.750	13.390
Plow, 2-horse	do	16.599	15.862	15.270	15.258	14.961	14.686	13.140
Separator, cream	do	59.053	61.250	61.040	60.338	58.230	58.230	55.461
Tractor, 10-20 horsepower	do	663.0	680.0	680.0	680.0	653.0	687.0	602.6
Automobiles, passenger, f. o. b. factory.[5]	do		728.6	745.5	773.0	724.0	689.0	687.0
Trucks, f. o. b. factory	do		1,011.3	940.1	971.6	904.4	845.2	821.2
VII.—BUILDING MATERIALS								
Douglas fir, No. 1, common sheathing, mill.	1,000 ft.	17.972	16.285	16.758	18.293	14.702	11.649	9.415
Oak, plain, white, No. 1, Cincinnati	do	66.200	63.635	59.173	57.623	52.115	46.308	41.635
Pine, white, No. 2, Buffalo	do	59.057	46.231	44.269	48.453	43.827	44.606	43.250
Pine, yellow, flooring, mill	do	45.355	38.481	36.485	37.278	34.737	27.993	19.076
Pine, yellow, timbers, mill	do	27.414	25.438	24.399	27.354	27.690	[6] 17.374	14.578
Shingles, cedar, red, mill	1,000	2.816	2.541	2.786	3.002	2.191	1.808	1.836
Brick, common, building, plant	do	14.323	14.021	13.717	13.616	13.052	12.396	10.694
Cement, Portland	Barrel	1.838	1.686	1.672	1.601	1.600	1.393	1.356
Linseed oil, raw, New York	Pound	.134	.105	.100	.123	.125	.084	.063
White lead, in oil, New York	do	.141	.140	.133	.138	.139	.133	.120
Glass, plate, 5 to 10 sq. ft., N. Y.	Sq. ft.	.638	.395	.385	.385	.375	.365	.365
Glass, window, single B, works	50 sq. ft.	3.389	2.980	3.080	3.420	3.420	2.068	2.146
Lime, building, plant	Ton	9.586	8.825	8.574	7.987	7.941	7.672	6.933
VIII.—CHEMICALS AND DRUGS								
Acid, sulphuric, 66°, New York	Ton	14.267	15.104	15.500	15.500	15.500	15.500	15.500
Alcohol, denatured, New York	Gallon	.511	.478	.530	.570	.498	.368	.371
Ammonia, anhydrous, New York	Pound	.289	.114	.135	.140	.154	.153	.155
Soda ash, light, 58 per cent, works	100 lbs.		1.375	1.366	1.345	1.345	1.161	1.182
Soda, caustic, New York	do	3.250	3.078	2.950	2.950	2.950	2.524	2.609
Tallow, packer's prime, Chicago	Pound	.088	.081	.088	.085	.062	.039	.032
Alcohol, grain, New York	Gallon	4.802	3.742	2.701	2.745	2.645	2.502	2.495
Phenol, U. S. P., New York	Pound	.291	.169	.150	.138	.147	.143	.143
Superphosphate, Baltimore	Ton	8.732	8.547	9.292	9.731	8.635	7.755	7.274
Nitrate of soda, 95 per cent, N. Y.	100 lbs.	2.526	2.495	2.232	2.157	2.076	1.981	1.586
Sulphate of ammonia, New York	do	3.047	2.427	2.484	2.213	1.791	1.445	1.041
Fertilizers, mixed, South Atlantic, 8-3-3, Series II.	Ton		21.792	22.900	22.400	21.588	19.125	16.000
IX.—HOUSEFURNISHING GOODS[7]								
Blankets, all wool, factory	Pound		1.313	1.333	1.333	1.267	1.028	.945
Carpets, Brussels, factory	Yard	3.036	2.976	2.976	2.976	2.936	2.490	2.429
Sewing machines, electric	Each	73.620	80.248	82.250	84.600	84.667	80.458	66.111
Stoves, gas	do	64.053	63.409	60.657	66.900	67.155	61.694	53.265
Vacuum cleaners, electric, with attachments, delivered.	do		46.060	36.750	35.280	28.910	28.195	27.195
Washing machines, electric, 2-speed, 6-sheet capacity, factory.	do		83.300	68.192	60.760	54.594	48.977	39.501
X.—MISCELLANEOUS								
Bran, Minneapolis	Ton	24.546	26.861	30.159	26.594	22.063	13.103	9.885
Cottonseed meal, prime, Memphis	do	41.020	35.604	47.042	38.542	31.833	19.646	13.120
Middlings, standard, Minneapolis	do	25.850	29.127	31.582	27.741	22.284	13.051	9.815
Paper, f. o. b. cars, destination, New York basis.	do		71.80	67.50	62.00	62.00	57.00	50.39
Paper, wrapping, manila, No. 1, jute, New York.	100 lbs.	10.490	9.230	9.125	9.125	9.125	9.125	9.125
Wood pulp, sulphite, domestic, unbleached, mill.	do	2.745	2.633	2.522	2.535	2.511	2.186	1.571
Rubber, plantation, ribbed, N. Y.	Pound	.434	.381	.226	.206	.119	.062	.035
Automobile tires, balloon, factory	Each		16.025	13.925	11.845	10.958	9.656	8.840
Cylinder oil, Oklahoma	Gallon	.168	.174	.171	.266	.274	.153	.174
Neutral oil, Pennsylvania	do	.264	.332	.314	.269	.210	.202	.164
Soap, laundry, Philadelphia	100 cakes	4.867	4.851	4.851	4.851	4.851	4.851	4.528
Starch, laundry, New York	Pound	.056	.058	.058	.058	.057	.053	.046
Tobacco, plug, New York	do	.698	.696	.696	.696	.696	.696	.669
Tobacco, smoking, 1-oz. bag, N. Y.	Gross	8.808	8.320	8.320	8.320	8.320	7.017	5.122
Cigarettes, destination	M		5.660	5.422	5.398	5.645	5.851	6.042

[5] Weighted average price of Buick, Cadillac, Chevrolet, Dodge, Ford, and Packard cars.
[6] Partly interpolated.
[7] Owing to frequent changes in patterns announced by manufacturers, prices of individual articles of furniture are only roughly comparable from year to year and are not shown.

Source: Bureau of Labor Statistics, Department of Labor.

No. 308.—WHOLESALE PRICES: INDEX NUMBERS

NOTE.—Figures in boxes indicate number of quotations. Bradstreet's index is the sum of the prices per pound of the 96 commodities. Dun's is weighted by the amount "annually consumed by each inhabitant." For method of computing the Department of Labor index see general note, p. 279

[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	66.0	77.0
1932	54.3	70.7	70.2	55.1	59.3	70.3

[1] Beginning 1926. In earlier years a smaller number of commodities was included.

No. 309.—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	134.0	171.9	292.7	201.4
December, 1920	200.4	178.0	253.5	151.1	194.9	285.4	208.2
May, 1921	180.4	144.7	222.6	159.0	181.6	247.7	208.3
December, 1921	174.3	149.0	184.4	161.4	181.1	218.0	206.8
June, 1922	166.6	150.7	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. 309.—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	154.9	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

Source: Bureau of Labor Statistics, Department of Labor.

No. 310.—COST OF LIVING IN PRINCIPAL CITIES: Index Numbers

City	Index of total cost of living for December—							Index December, 1932, for—					
	1920	1925	1928	1929	1930	1931	1932	Food	Clothing	Housing	Fuel and light	House furnishing goods	Miscellaneous
Dec., 1914=100													
Baltimore, Md	196.8	181.2	173.9	175.1	165.8	151.8	138.1	99.6	126.5	137.9	175.1	148.0	217.1
Boston, Mass	197.4	174.7	168.2	168.4	159.2	144.1	130.4	97.2	140.5	128.1	173.1	159.3	185.5
Buffalo, N. Y	201.7	184.8	179.6	180.0	169.4	151.8	139.8	100.5	125.6	126.4	217.4	151.9	206.4
Chicago, Ill	193.3	180.6	173.1	173.7	162.2	146.2	128.2	99.7	107.6	124.9	144.1	134.6	193.0
Cleveland, Ohio	207.3	182.7	175.4	174.3	166.2	150.0	136.9	89.7	125.3	118.2	255.4	136.1	214.8
Detroit, Mich	218.6	187.8	177.4	177.8	161.6	141.9	125.7	88.7	125.9	101.1	147.2	132.2	210.7
Houston, Tex	204.0	174.3	166.4	168.0	154.7	141.1	123.0	89.5	130.4	88.9	105.9	175.0	183.2
Jacksonville, Fla	206.2	181.7	169.1	165.8	156.9	140.5	127.6	87.5	135.2	79.3	149.6	155.6	188.1
Los Angeles, Calif	196.7	177.4	171.0	168.7	158.1	145.1	132.1	91.9	126.3	104.8	145.6	149.5	196.2
Mobile, Ala	193.3	168.5	165.7	164.8	154.4	138.0	125.9	91.0	117.6	103.6	134.7	143.8	197.7
New York, N. Y	201.4	183.2	176.3	177.1	167.5	152.0	140.2	101.9	137.6	144.1	180.4	137.9	216.0
Norfolk, Va	209.0	176.4	174.1	173.5	164.8	148.8	136.5	95.3	134.2	118.2	168.4	142.4	210.3
Philadelphia, Pa	200.7	182.6	174.5	175.0	164.5	150.5	133.9	96.2	126.3	125.7	171.9	131.8	208.7
Portland, Me	193.1	170.3	166.6	165.8	157.2	145.1	132.3	102.1	124.7	111.6	185.9	159.9	193.5
Portland, Oreg	180.3	156.9	152.4	151.6	141.5	131.9	120.1	93.2	110.0	81.0	124.9	136.4	176.9
San Francisco and Oakland, Calif	185.1	164.7	161.7	160.8	151.5	138.1	128.9	102.7	139.6	109.3	124.6	149.1	174.8
Savannah, Ga	198.7	162.9	159.1	157.2	148.3	133.9	122.0	83.2	129.0	95.7	137.6	167.4	175.2
Seattle, Wash	194.1	171.7	167.1	168.7	158.4	148.0	133.7	94.9	128.7	115.4	148.5	177.7	188.8
Washington, D. C	187.8	167.3	160.2	159.2	151.5	139.0	125.8	98.6	120.7	122.5	129.2	157.3	172.7
Dec., 1917=100													
Atlanta, Ga	138.5	119.0	115.6	113.5	104.5	93.8	84.6	60.2	75.1	100.2	100.4	83.6	125.4
Birmingham, Ala	133.3	119.2	114.2	111.8	103.8	90.4	81.3	60.1	71.8	77.3	109.2	75.6	121.0
Cincinnati, Ohio	134.7	123.0	121.2	123.1	116.6	105.8	95.5	61.7	73.1	125.2	160.0	84.2	147.6
Denver, Colo	138.7	122.5	116.3	116.1	109.7	100.3	91.7	62.3	80.3	120.5	95.2	89.3	134.2
Indianapolis, Ind	137.6	124.3	118.5	118.8	110.8	99.2	90.5	61.0	74.5	93.4	117.3	80.9	144.8
Kansas City, Mo	139.5	118.1	111.3	111.7	107.7	98.9	89.5	61.6	78.4	102.8	109.4	78.9	135.9
Memphis, Tenn	139.3	122.1	117.5	116.5	110.4	99.5	89.6	56.7	81.0	90.3	131.7	85.3	131.3
Minneapolis, Minn	135.7	120.3	115.2	116.2	110.6	102.1	92.5	64.0	73.6	106.7	139.2	85.9	130.3
New Orleans, La	136.7	122.7	119.5	118.8	110.2	100.3	92.8	61.5	83.8	126.9	93.6	89.2	141.6
Pittsburgh, Pa	139.3	128.5	124.4	123.2	115.2	104.5	94.2	61.2	78.8	129.4	177.4	83.0	140.8
Richmond, Va	133.3	120.8	115.7	114.9	109.3	100.3	90.4	60.3	81.9	110.4	124.5	98.4	134.4
St. Louis, Mo	135.4	125.0	120.4	121.7	113.9	101.4	92.6	60.6	74.3	122.3	114.1	87.3	138.7
Scranton, Pa	139.1	138.0	127.8	127.3	119.5	108.4	99.5	66.6	85.9	140.6	153.3	101.0	151.0

Source: Bureau of Labor Statistics, Department of Labor.

No. 311.—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 313. For index numbers for individual cities see Table 312

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			
1904	76	132	1919	186	54			

No. 312.—RETAIL FOOD PRICES IN PRINCIPAL CITIES: INDEX NUMBERS

NOTE.—1913 average=100. For average for all cities see Table 311

City	1916	1920	1925	1927	1928	1929	1930	1931	1932	1932			
										Mar.	June	Sept.	Dec.
Atlanta, Ga	108	202	158	160	158	160	147	121	100	102	100	99	95
Baltimore, Md	113	207	164	161	159	161	151	127	106	107	102	106	103
Birmingham, Ala	116	209	165	161	159	160	150	120	101	103	98	98	99
Boston, Mass	112	203	158	157	156	158	151	124	103	105	100	102	102
Buffalo, N. Y	115	210	162	160	159	161	151	124	105	108	105	104	104
Charleston, S. C	108	207	159	157	156	158	151	126	106	110	104	104	100
Chicago, Ill	114	207	166	166	165	168	159	134	111	116	109	110	102
Cincinnati, Ohio	112	203	157	157	157	163	156	129	101	106	99	98	97
Cleveland, Ohio	114	208	156	155	153	154	144	116	97	99	96	95	92
Dallas, Tex	111	197	156	154	155	157	146	117	97	100	92	94	96
Denver, Colo	112	195	143	140	139	141	132	110	96	97	93	95	95
Detroit, Mich	114	215	165	163	160	164	150	122	96	99	96	94	92
Fall River, Mass	112	204	163	155	154	155	145	118	101	104	98	100	97
Indianapolis, Ind	114	202	151	151	151	155	146	116	97	99	96	95	93
Jacksonville, Fla	108	192	153	150	145	144	138	114	94	95	93	94	91
Kansas City, Mo	114	206	155	150	150	154	144	121	100	103	98	99	98
Little Rock, Ark	110	195	149	148	147	152	143	113	91	93	85	92	87
Los Angeles, Calif	102	184	149	143	143	146	134	110	93	96	90	92	94
Louisville, Ky	110	197	154	152	153	156	143	114	95	99	93	93	93
Manchester, N. H	113	206	152	153	154	154	145	121	102	104	99	103	100
Memphis, Tenn	111	204	150	146	148	151	142	112	95	98	92	93	90
Milwaukee, Wis	115	209	157	157	156	159	150	124	105	109	103	102	101
Minneapolis, Minn	114	208	154	152	153	157	148	123	101	105	99	98	98
Newark, N. J	111	195	151	150	150	151	143	123	106	107	105	105	102
New Haven, Conn	115	201	155	157	157	158	149	128	110	114	107	107	104
New Orleans, La	112	200	156	154	153	156	146	118	104	105	96	101	99
New York, N. Y	112	204	160	160	158	160	150	128	110	112	109	109	106
Omaha, Nebr	115	210	155	151	147	150	141	114	95	100	92	94	91
Philadelphia, Pa	113	201	159	160	158	159	149	128	106	108	105	104	100
Pittsburgh, Pa	112	202	158	158	156	160	147	122	100	103	97	99	96
Portland, Oreg	104	187	142	139	140	144	133	109	96	97	94	95	94
Providence, R. I	114	209	158	156	156	158	149	123	104	106	103	102	100
Richmond, Va	114	214	166	162	161	162	153	125	105	107	102	103	101
St. Louis, Mo	114	213	160	159	156	161	151	124	103	107	100	100	98
Salt Lake City, Utah	111	185	140	134	132	136	127	106	88	91	87	85	87
San Francisco, Calif	105	189	155	151	151	154	147	122	107	110	104	105	107
Scranton, Pa	112	208	161	162	163	164	154	128	108	111	107	106	105
Seattle, Wash	105	190	150	145	145	149	140	117	102	104	101	99	99
Washington, D. C	112	208	165	163	164	164	154	131	108	110	106	108	102

Source of Tables 311 and 312: Bureau of Labor Statistics, Department of Labor.

No. 313.—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 as of the 15th of each month in 51 of the larger cities since the year 1920 and in a smaller number of cities for earlier years (30 in 1913)

Year or month	Sirloin steak		Round steak		Rib roast		Pork chops		Bacon		Lard	
	Per lb.		Per lb.		Per lb.		Per lb.		Per lb.		Per lb.	
1891–1895			$0.123	55			$0.112	53	$0.132	49	$0.100	63
1896–1900			.127	57			.111	53	.132	49	.091	58
1901–1905			.141	63			.137	65	.176	65	.116	73
1906–1910	[1]$0.192	76	.160	71	[1]$0.159	80	.167	80	.217	80	.130	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	.200	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
1925	.406	160	.347	156	.206	150	.366	174	.467	173	.233	148
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	.280	146	.291	139	.364	135	.132	84
1932	.333	131	.289	130	.241	122	.212	101	.241	89	.088	56
March	.330	130	.285	128	.244	123	.215	102	.257	95	.090	58
June	.328	129	.284	127	.235	119	.198	94	.232	86	.078	49
September	.344	135	.302	135	.243	123	.238	113	.235	87	.091	58
December	.299	118	.258	116	.221	112	.176	84	.216	80	.081	51

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	.527	153	.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
1925	.366	172	.521	151	.548	143	.367	166	.140	157	.094	168
1926	.388	182	.485	141	.531	139	.366	166	.140	157	.094	168
1927	.369	173	.462	131	.550	145	.376	170	.141	158	.093	166
1928	.374	176	.464	134	.566	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	.491	120	.351	159	.140	157	.087	155
1931	.310	146	.317	92	.354	92	.281	127	.123	138	.076	136
1932	.238	112	.272	79	.274	72	.230	104	.109	123	.068	121
March	.273	128	.212	61	.295	77	.238	108	.113	127	.070	125
June	.241	113	.208	60	.241	63	.223	101	.108	121	.069	123
September	.235	110	.205	86	.269	70	.227	103	.106	119	.067	120
December	.212	100	.390	116	.298	78	.224	101	.104	117	.066	118

Year or month	Flour		Corn meal		Rice		Potatoes		Sugar		Coffee	
	Per ¼ bbl. bag		Per lb.		Per lb.		Per pk.		Per lb.		Per lb.	
1891–1895	$0.037	70	$0.020	67			$0.235	92	$0.057	104		
1896–1900	.039	79	.018	60			.211	83	.058	105		
1901–1905	.037	86	.022	73			.263	103	.058	105		
1906–1910	.007	100	.027	90			.271	106	.059	107		
1911–1915	.072	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
1925	1.495	185	.054	180	.111	128	.540	212	.072	131	.515	173
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	165
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	.256	100	.051	93	.302	101
March	.784	97	.039	130	.071	82	.255	100	.052	95	.308	103
June	.784	97	.039	130	.066	76	.300	118	.049	89	.297	100
September	.760	94	.038	127	.065	75	.225	88	.051	93	.301	101
December	.711	88	.035	117	.060	70	.225	88	.051	93	.297	100

[1] 1907–1910.

[2] 1913–1915.

Source: Bureau of Labor Statistics, Department of Labor.

No. 314.—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 315 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	Boards, planks, per M feet	Coal: Anthracite, per ton	Coal: Bituminous, per ton	Petroleum, crude, per gallon	Gasoline, naphtha, etc., per gallon	Kerosene, per gallon	Wire, per pound	Wire nails, per pound
June 30—	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Dols.	Dols.	Dols.	Dols.	Cts.	Cts.	Cts.	Dols.	Dols.	Cts.	Cts.	Dols.	Dols.	Dols'	Cts.	Cts.	Cts.	Cts.	Cts.
1905	10.5	7.9	21.9	.....	16.4	10.7	7.7	21.4	.53	.84	.89	4.55	1.1	29.4	4.1	3.06	.56	9.0	8.8	19.08	4.99	2.63	5.2	8.4	6.8	2.2	2.2
1906	10.1	8.2	21.0	.....	18.0	11.7	8.1	20.2	.53	.67	.82	4.25	1.3	31.2	3.8	4.06	.63	9.5	11.0	21.34	4.93	2.58	5.0	8.0	6.3	2.2	2.1
1907	10.1	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	10.6	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	11.4	23.00	4.88	2.58	4.8	11.0	6.8	2.5	2.5
1909	10.9	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	10.8	11.1	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	12.1	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	13.3	9.5	22.0	8.8	24.1	14.2	9.8	22.0	.72	.81	.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	12.1	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	11.9	24.30	5.30	2.52	3.9	13.3	6.3	2.1	2.1
1914	13.1	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	14.3	6.4	2.1	2.1
1915	13.8	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	8.5	22.25	5.27	2.53	3.2	11.2	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	16.3	6.4	2.9	2.6
1917	17.6	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	18.1	26.00	5.56	2.94	4.1	20.8	5.4	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	6.9	7.36	.53	24.1	28.7	41.50	6.16	3.89	5.0	23.6	8.9	5.1	5.2
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	49.45	8.25	4.66	6.0	23.8	12.2	5.5	5.3
1920	25.2	19.8	50.6	15.7	58.0	31.0	23.4	53.4	1.49	2.14	2.73	11.30	3.1	18.9	10.3	16.72	1.54	52.4	36.9	62.13	9.44	8.85	8.6	26.6	15.3	5.8	5.7
1921	17.9	12.8	32.5	9.3	40.8	23.1	13.0	34.6	.72	1.43	1.55	7.01	2.0	9.6	5.2	5.19	.65	30.7	16.2	37.93	10.92	5.94	5.4	23.1	12.5	5.5	5.0
1922	17.3	12.9	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	11.4	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	10.8	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	11.8	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	24.2	42.62	11.19	4.39	4.4	15.3	9.5	3.4	3.8
1926	21.6	16.5	28.8	12.5	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	17.4	39.97	11.42	4.95	4.4	14.8	10.9	3.4	3.4
1927	18.4	14.3	27.0	12.8	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	16.9	39.51	11.09	4.44	3.9	11.5	9.8	3.2	3.4
1928	16.5	14.2	30.4	12.7	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	20.1	37.56	10.96	4.12	3.4	10.7	10.2	3.0	2.9
1929	17.9	14.3	33.8	12.7	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	19.4	38.81	10.71	4.22	3.4	10.6	10.1	3.2	3.0
1930	17.8	13.7	27.2	12.2	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	14.2	36.95	10.76	4.17	3.2	9.4	9.0	3.0	2.8
1931	14.3	10.0	22.7	10.8	32.1	22.4	9.0	17.6	.69	.49	.62	3.57	1.2	7.7	2.1	4.25	.39	21.8	8.9	30.10	10.75	4.01	1.9	5.9	6.6	2.6	2.4
1932	9.7	6.8	21.7	9.2	24.4	18.3	5.8	15.9	.36	.50	.60	3.19	1.0	3.8	1.6	2.68	.40	16.8	7.2	26.11	10.37	3.77	2.4	5.6	5.2	2.5	2.2

[1] Per gallon prior to 1910. Approximately 7½ pounds=1 gallon.

[2] Barrels of 280 pounds.

Source: Bureau of Foreign and Domestic Commerce.

17027°—33——20

No. 315.—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*
1905	14.6	6.50	12.12	27.6	13.2	2.5	.89	-------	1.08	11.6	8.8	15.8	2.64	74.2	35.0	.74	48.77	15.6	45.82	279.44
1906	15.8	7.47	12.19	28.6	14.0	2.5	.92	-------	1.41	10.9	8.6	15.6	2.14	78.0	32.4	.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	70.6	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	65.58	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	52.91	18.4	54.70	277.10
1911	17.4	7.24	9.50	25.0	14.4	2.8	.94	4.1	2.04	10.5	10.9	17.2	2.45	105.8	14.9	1.08	53.63	21.8	72.33	342.47
1912	18.9	7.79	12.19	24.4	15.3	2.4	.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	10.35	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	45.33	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	50.44	15.7	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	46.44	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	18.8	3.70	57.9	12.8	1.43	40.45	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	47.83	27.5	87.50	535.00
1918	41.5	16.57	12.48	47.4	25.3	3.5	2.02	5.5	2.56	10.3	9.0	20.4	4.82	52.1	41.5	1.21	53.37	34.9	92.11	1,037.72
Dec. 31—																				
1919	35.9	13.65	25.00	71.5	30.8	7.0	1.88	6.4	3.16	14.8	19.6	24.9	5.60	40.2	48.6	1.40	83.10	41.0	134.51	904.21
1920	35.4	12.49	18.81	110.5	31.1	10.3	2.10	6.6	3.03	15.8	19.5	27.0	12.59	42.9	80.8	1.80	89.93	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	10.7	18.6	3.94	17.8	48.9	2.00	92.84	23.7	93.08	566.91
1922	31.4	10.21	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	74.67	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	20.7	59.7	2.35	80.76	26.4	128.33	511.09
1924	29.2	12.09	17.37	39.3	13.1	4.0	1.00	4.4	1.81	7.8	17.6	29.3	4.39	23.7	53.5	2.56	97.77	30.3	114.02	515.19
1925	27.8	13.30	15.60	40.7	16.0	4.7	1.39	5.0	2.40	10.0	22.3	31.2	2.75	48.4	51.0	2.34	80.18	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	75.48	25.5	215.06	478.07
1927	30.7	12.69	13.10	43.6	17.4	4.4	1.31	4.6	1.74	13.4	18.4	31.6	3.06	35.6	41.4	2.15	64.94	22.2	131.52	479.08
1928	30.3	12.98	13.96	46.0	23.1	4.2	1.17	4.5	1.78	12.4	21.3	30.3	2.68	25.0	42.4	2.06	63.64	24.9	129.45	698.47
1929	29.2	12.54	15.45	47.4	16.0	4.5	1.11	4.2	1.92	9.8	20.4	28.9	2.14	19.1	38.4	1.84	67.75	23.9	128.35	579.24
1930	26.7	14.13	12.40	40.7	13.0	3.8	.98	3.6	2.11	8.4	13.1	26.6	1.85	12.9	27.3	1.60	55.20	19.7	107.76	429.26
1931	23.8	12.40	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	47.10	9.9	69.71	222.45
1932	22.5	9.32	6.66	20.0	5.6	2.6	.53	1.8	.64	4.1	9.1	13.1	1.63	3.5	13.3	1.33	40.25	9.9	64.19	216.50

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	Wood pulp, per ton	Printing 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	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*
1905	160.10	195.99	5.5	13	23	25	3.34	-------	15.35	26.87	-------	2.44	-------	1.9	2.8	13.6	27.55	34.31
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	38.03
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	35.61
1910	161.39	112.78	5.0	13	24	25	3.21	6.39	18.35	31.11	2.1	2.75	-------	1.8	2.8	12.5	30.52	30.60
1911	177.78	116.04	5.3	13	23	26	3.25	6.40	18.49	28.42	2.4	2.83	-------	2.0	3.2	11.9	30.67	31.25
1912	219.75	116.74	6.6	13	21	24	3.11	6.47	17.45	20.78	2.4	2.85	1.9	2.0	4.3	12.7	41.56	32.09
1913	193.67	171.08	8.9	14	23	25	3.15	6.71	17.34	32.14	2.4	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	19.05	33.49	2.4	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	18.96	33.82	2.4	2.90	1.4	1.9	3.3	13.4	32.44	28.34
1916	252.45	178.31	9.0	22	28	29	3.61	6.51	18.97	33.27	2.4	2.99	1.4	2.8	7.9	19.4	35.34	29.98
1917	258.02	225.00	10.8	29	36	39	4.61	6.78	20.86	60.71	3.1	3.23	1.4	4.1	10.8	26.1	39.97	35.06
1918	403.40	352.99	13.3	40	54	62	4.69	9.46	25.49	62.66	4.2	4.42	1.3	4.8	8.4	24.6	54.60	43.64
Dec. 31—																		
1919	561.59	280.95	14.9	38	51	59	7.35	9.99	32.33	65.24	3.5	5.48	1.2	5.1	12.4	20.7	56.73	48.00
1920	411.75	304.09	15.6	32	51	58	9.48	13.62	42.73	110.50	4.7	6.06	1.3	6.1	14.5	18.4	58.50	47.75
1921	255.56	184.71	8.7	12	22	20	5.71	14.23	35.06	63.30	5.0	6.66	1.3	4.7	12.1	12.7	30.71	48.71
1922	232.40	124.89	9.4	17	26	29	7.21	10.53	20.54	56.29	3.5	5.92	1.3	2.8	5.1	12.7	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	14.5	39.56	47.05
1924	345.50	175.54	10.3	24	46	47	6.39	10.24	30.11	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	2.0	12.6	12.9	55.40	47.23
1926	373.73	263.92	13.7	26	35	39	5.91	10.25	28.79	50.01	3.3	4.85	3.1	2.3	6.1	12.6	60.63	46.79
1927	309.08	255.40	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	27.54	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	4.90	10.81	28.07	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	24	3.56	10.76	24.60	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	21.79	42.71	2.7	5.52	2.0	2.5	9.7	8.5	24.82	38.34
1932	148.39	62.91	5.0	9	14	15	1.54	8.61	20.06	35.45	1.2	5.34	1.6	2.3	2.9	5.7	21.12	29.19

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. 316.—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 presented separately in Table 630; this separation was made because of the seasonal character of the industry, the wide differences in methods of hiring, and the perquisites so often forming a part of the farm wages. The figures in this table indicate the change in earnings per hour when wage workers were actually at work, with 1913 as the base year. During the period, regular full-time working hours have been greatly reduced; hence the figures do not apply to full-time earnings per day or per week. Further, they do not reflect actual earnings in periods of broken time or unemployment

[On currency basis during Civil War period. 1913=100]

Year	Index number	Year	Index number	Year	Index number	Year	Index number
1840	33	1863	44	1886	64	1909	90
1841	34	1864	50	1887	67	1910	93
1842	33	1865	53	1888	67	1911	95
1843	33	1866	61	1889	68	1912	97
1844	32	1867	63	1890	69	1913	100
1845	33	1868	65	1891	69	1914	102
1846	34	1869	66	1892	69	1915	103
1847	34	1870	67	1893	69	1916	111
1848	35	1871	68	1894	67	1917	128
1849	36	1872	69	1895	68	1918	162
1850	35	1873	69	1896	69	1919	184
1851	34	1874	67	1897	69	1920	234
1852	35	1875	67	1898	69	1921	218
1853	35	1876	64	1899	70	1922	208
1854	37	1877	61	1900	73	1923	217
1855	38	1878	60	1901	74	1924	223
1856	39	1879	59	1902	77	1925	226
1857	40	1880	60	1903	80	1926	229
1858	39	1881	62	1904	80	1927	231
1859	39	1882	63	1905	82	1928	232
1860	39	1883	64	1906	85	1929	[1] 233
1861	40	1884	64	1907	89		
1862	41	1885	64	1908	89		

[1] Subject to revision.

Source: Bureau of Labor Statistics, Department of Labor.

No. 317.—INDEX NUMBERS OF WAGES PER HOUR, COST OF LIVING, AND REAL WAGES.

NOTE.—The general trend of wages per hour presented in Table 316 relate to the *money received per hour by* the wage earner as compensation for his work. The real measure of his wage, however, is not his money *income, but what he is able to buy with it.* In the following table, therefore, index numbers relating to wages per hour and to cost of living are brought together and from them a third index number is computed showing the change in the worker's "real wage"

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	1922	208	167.3	124.3
1914	102	103.0	99.0	1923	217	171.0	126.9
1915	103	105.1	98.0	1924	223	170.7	130.6
1916	111	118.3	93.8	1925	226	175.7	128.6
1917	128	142.4	89.9	1926	229	175.2	130.7
1918	162	174.4	92.9	1927	231	172.7	133.8
1919	184	188.3	97.7	1928	232	170.7	135.9
1920	234	208.5	112.2	1929	233	170.8	136.4
1921	218	177.3	123.0				

Source: Bureau of Labor Statistics, Department of Labor.

No. 318.—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	.392	52.2	.371	57.8	.339	52.9	.276	55.1	.345	51.2	.359	92.5	218.3
1930	52.7	.406	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*	*.389*	*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	Winders, hard silk, female		Spinners, male		Spinners, female		Weavers, broad silk, male		Weavers, broad 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	57.3	0.093	57.5	0.094	56.9	0.091	56.9	0.213	56.7	0.141	56.5	0.289	101.3	86.5
1913	56.3	.112	56.6	.117	56.3	.110	56.0	.253	56.1	.198	55.8	.321	100.0	100.0
1914	54.1	.121	54.7	.119	54.2	.138	54.5	.247	54.2	.189	54.3	.330	98.0	104.7
1919	51.5	.269	53.9	.342	50.3	.274	51.7	.473	52.0	.398	51.5	.546	92.6	199.0
1931	50.1	.293	54.2	.344	50.2	.289	51.2	.499	49.6	.422	51.0	.746	91.0	215.8

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. 318.—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	51.0	.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	50.3	.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	56.9	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	.389	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	.395	88.8	212.0
1932	48.9	.634	49.3	.433	49.0	.356	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		
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		
1913	78.0	0.192	82.3	0.217	82.2	0.332	82.0	0.235	82.2	0.186	72.5	0.171	100	100
1919	78.1	.465	80.4	.542	79.8	.755	80.6	.562	80.2	.480	77.9	.457	(2)	(2)
1920	75.5	.527	73.8	.586	73.2	.808	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

Year	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		
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		
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
1919	75.7	.506	75.3	.753	74.9	.966	73.2	.796	75.6	.733	76.2	.468	(2)	(2)
1920	70.9	.573	67.2	.895	69.4	1.089	68.0	.929	68.3	.837	68.5	.525	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

[1] Covers all occupations of industry or branch of industry indicated, including those not shown.
[2] Not available. Data were collected for a group of selected occupations only in 1919.

No. 318.—Wages and Hours of Labor, Etc.—Continued

IRON AND STEEL—Continued

Year	Bar mills													
	Stockers		Rollers		Roughers		Finishers		Hotbed men		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		
		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
1919	63.7	.524	61.3	1.821	60.7	.933	61.6	.766	59.4	.545	66.1	.443	(2)	(2)
1920	61.5	.612	59.5	1.949	57.8	1.034	60.0	.866	58.8	.618	65.1	.506	100	248
1922	59.2	.420	58.4	1.416	57.3	.709	57.9	.638	58.3	.439	64.5	.316	100	169
1924	56.0	.502	53.9	1.577	54.7	.810	54.0	.749	53.8	.538	57.5	.392	90	203
1926	54.2	.519	53.2	1.699	53.2	.847	53.0	.848	53.0	.556	55.0	.411	89	205
1929	53.5	.530	55.0	1.822	55.8	.887	53.9	.952	54.5	.601	56.0	.399	90	217
1931	54.2	.455	55.4	1.542	56.7	.791	54.4	.864	54.1	.578	54.2	.394	89	204

Year	Tin-plate mills													
	Rollers		Roughers		Doublers, hand		Heaters, level-handed		Tinners, hand		Assorters, 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		
		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		Dolls.		
1913	42.7	1.139	42.7	0.533	42.7	0.740	42.7	0.595	43.6	0.433	53.7	0.163	100	100
1919	42.7	2.248	42.7	1.193	42.7	1.408	42.7	1.273	43.0	.977	48.5	.417	(3)	(3)
1920	42.7	2.542	42.7	1.363	42.7	1.655	42.7	1.465	42.9	1.114	46.9	.465	110	228
1922	42.7	1.701	42.7	.893	42.7	1.046	42.7	1.001	43.3	.795	43.3	.365	108	156
1924	42.7	2.099	42.7	1.150	42.7	1.243	42.7	1.229	43.4	.976	43.6	.422	106	191
1926	42.7	1.635	42.7	.902	42.7	.787	42.7	.917	43.5	.840	43.4	.384	104	169
1929	42.7	1.778	42.7	1.014	42.7	.912	42.7	.982	42.7	.907	46.1	.369	103	176
1931	42.7	1.737	42.7	.989	42.7	.883	42.7	.942	42.7	.899	45.5	.380	102	171

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

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	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour
1922	50.3	0.644	50.0	0.661	50.2	0.678	50.0	0.710	50.0	0.709	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	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour	Hours per week	Dolls. Wages per hour
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	.838	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

[1] Covers all occupations of industry or branch of industry indicated, including those not shown.
[2] Not available. Data were collected for a group of selected occupations only in 1919.
[4] No data.
[5] Data are available only for the years specified; see head note.

No. 318.—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

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, hand, 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	[8].645	47.8	[8].574	48.0	[8].848	47.8	[8].578	47.8	[8].855	47.8	[8].471	49.6	[8].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 specified, see head note.
[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.
[8] Not including data for 1 establishment in which employees are paid biweekly.

No. 318.—Wages and Hours of Labor, Etc.—Continued

SLAUGHTERING AND MEAT PACKING—Continued

Year	Hog killing—Continued										All departments [9]			
	Scalders, male [10]		Shavers and scrapers, male		Gutters, bung droppers, and rippers-open, male		Splitters, male		Laborers, male [11]		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)	0.200	(4)	0.337	(4)	0.364	(4)	0.237	(4)	0.271	(4)	0.178
1921	48.8	[8].516	48.9	[8].502	48.7	[8].584	48.8	[8].621	48.8	[8].451	48.4	[8].511	48.3	[8].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] Not including 1 establishment in which employees are paid biweekly.
[9] 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.
[10] Includes tubmen, droppers, gamb cutters, polemen, and duckers.
[11] Includes drivers, penners, steamers, singers, washers, aitchbone breakers, and toe pullers.

Source: Bureau of Labor Statistics, Department of Labor.

No. 319.—WAGES PER HOUR AND HOURS OF LABOR PER WEEK IN SUNDRY INDUSTRIES

Note.—The averages for wages are weighted according to the relative importance of the different occupations in the industry. Data are available only for the years specified. See the 1932 issue of this publication for additional industries for which data are available for only one year.

Year and industry	Hours, average		Wages, average	
	Males	Females	Males	Females
Pottery:[1]				
Semivitreous—			*Cents*	*Cents*
1925	(2)	(2)	70.5	38.5
1932	(2)	(2)	53.5	29.2
Vitreous—				
1925	(2)	(2)	63.8	32.9
1932	(2)	(2)	54.6	26.4
Portland cement:				
1920	60.8	52.0	51.8	38.9
1932	59.1	48.6	40.1	38.6
Rayon and other synthetic textiles:				
1930	51.1	49.0	50.4	34.4
1932	48.6	47.6	40.8	28.3
Dyeing and finishing of textiles:				
1930	51.0	50.5	47.3	33.5
1932	51.4	51.2	41.8	29.0
1929				
Aircraft engines	48.9	(2)	70.6	(2)
Airplanes	47.9	47.3	66.9	38.0
1930				
Cane-sugar refining	59.3	51.5	47.2	28.9
Cigarettes	49.9	49.9	37.8	26.8
1931				
Air transportation:				
Ground personnel	48.5	48.0	64.5	49.7
Pilots	[3]110.0	-------	[4]708.4	-------
Copilots	[3]170.0	-------	[5]134.1	-------
Bakeries, bread	55.0	50.1	55.3	28.9
Bakeries, cake	51.8	50.1	48.6	27.5
Filling stations	60.0	-------	39.3	-------
Motor vehicle repair garages	53.4	-------	57.9	-------
1932				
Leather	50.4	50.0	49.3	30.3

[1] The normal or customary hours of operation of the great majority of the potteries included in the study are 9 hours per day and 54 hours per week. Working hours in a pottery, however, are more nominal than normal, as so many employees are pieceworkers and to quite an extent determine their own time.
[2] No females employed in the plants covered.
[3] Actual flight hours in one month.
[4] Per hour of actual flight regardless of hours on duty.
[5] Per hour on duty regardless of hours of actual flight.

Source: Bureau of Labor Statistics, Department of Labor.

No. 320.—WAGES PER HOUR AND 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	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
	Oil wells													
	Derrick men		Drillers		Drillers' helpers and clean-outs' helpers		Engineers and pumpers		Firemen		Laborers, roustabouts, and connection men		General average	
		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	75.0	.819	76.5	.438	71.3	.494	79.3	.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	.553
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	
California	48.0	0.371	48.0	0.799	48.0	0.900	48.0	0.704	48.0	0.745	------	------	48.0	0.803
Louisiana [1]	57.4	.073	53.6	.630	59.5	.726	55.1	.437	57.4	.604	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	.606	60.4	.591

[1] Northern and southern Louisiana districts combined to avoid disclosing the identity of establishments.

No. 321.—WAGES PER HOUR AND 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 machine miners in bituminous mines, generally work less hours. General averages are weighted according to relative importance of the different occupations. Data are not collected annually, but at intervals, and are available only for the years specified

Industry and occupation	1924	1931
Metalliferous mines:		
Average hours—		
General average	53.0	51.6
Drilling-machine operators—		
Company	51.4	49.5
Contract	46.6	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	1926	1929	1931
Anthracite: [1]					
Average wages—	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
General average	79.5	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	76.3	65.9	59.3
Brakemen [3]	77.9	71.0	68.7	59.6	57.6
Drivers [3]	82.4	74.8	70.8	63.7	60.2
Loaders, hand [3]	90.2	81.1	77.9	64.8	56.1
Miners, hand or pick [3]	84.0	80.8	78.3	67.3	58.9
Miners, machine [3]	127.4	116.3	119.5	101.8	94.0
Trackmen [3]	82.6	73.7	70.5	63.5	60.8

[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 320 and 321, Bureau of Labor Statistics, Department of Labor.

No. 322.—AVERAGE HOURLY WAGE RATES PAID COMMON LABOR

NOTE.—*Rates in cents per hour.* Data are based on entrance rates paid unskilled adult males in important industries requiring considerable numbers of common laborers. Some establishments reported two rates—one for the 10-hour and one for the 8-hour day, or one for white and one for colored or Mexican workers; these distinctions have not been maintained in the tabulated data, although it is apparent that the lowest rates are shown for those geographic divisions where there are large numbers of colored or Mexican workers, and the highest, for localities where an 8-hour day is more or less prevalent

Industry and geographic division	1926	1927		1928		1929		1930	1931	1932
	July 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	July 1	July 1	July 1	July 1
Industries reporting	42.8	43.2	42.6	43.0	44.9	45.0	43.7	43.1	41.2	38.1
Automobiles	46.1	45.6	46.3	50.5	57.2	55.9	49.9	48.2	57.7	62.0
Brick, tile, and terra cotta	40.7	40.2	42.2	38.0	39.4	37.8	37.8	38.0	33.9	28.9
Cement	40.1	39.6	39.2	38.3	37.2	37.9	37.8	37.9	37.2	30.6
Electrical machinery, apparatus and supplies	43.1	43.0	44.2	44.9	46.0	45.7	45.9	44.8	42.9	39.6
Foundry and machine-shop products	37.1	38.7	37.8	38.1	38.4	39.4	39.8	39.0	38.2	34.8
Iron and steel	42.7	42.7	43.2	42.6	42.5	42.5	42.5	42.1	41.8	31.8
Leather	40.9	43.1	41.4	42.1	42.3	42.1	42.2	41.9	39.1	32.9
Lumber (sawmills)	33.6	33.4	32.2	31.0	31.7	30.8	32.0	31.6	27.7	21.5
Paper and pulp	42.8	43.8	42.5	44.2	44.3	43.1	44.0	43.2	37.2	35.6
Petroleum refining	47.9	46.4	44.0	44.5	45.4	48.0	45.7	48.1	47.5	42.1
Slaughtering and meat packing	41.5	41.9	41.7	41.8	42.2	41.2	42.0	41.8	41.7	34.6
Public utilities [1]	42.0	39.4	39.8	41.2	42.9	41.9	42.8	44.6	44.6	41.5
General contracting [2]	47.1	49.8	48.2	48.2	47.4	48.6	48.3	47.0	42.6	39.9
United States	42.8	43.2	42.6	43.0	44.9	45.0	43.7	43.1	41.2	38.1
New England	47.1	47.4	46.7	47.3	48.2	46.4	48.0	49.5	45.4	40.4
Middle Atlantic	45.1	46.8	47.2	48.7	47.8	47.6	46.4	46.1	45.1	40.4
East North Central	48.0	47.6	46.7	47.4	51.6	52.2	48.4	47.0	45.2	45.0
West North Central	40.1	41.0	40.6	41.1	41.3	41.0	41.8	40.6	42.9	35.8
South Atlantic	32.8	33.0	31.5	29.4	29.4	29.2	30.2	32.1	28.9	23.4
East South Central	27.6	27.0	27.0	26.7	26.0	26.3	26.8	26.7	25.2	21.0
West South Central	32.5	32.4	31.8	30.9	33.8	32.9	35.6	33.0	29.9	23.7
Mountain	44.4	46.3	44.4	43.7	44.0	45.1	44.9	45.2	42.1	39.3
Pacific	45.9	46.2	46.5	46.6	46.9	48.4	47.9	47.6	43.5	40.2

[1] Includes street railways, gas works, waterworks, and electric power and light plants.
[2] Includes building, highway, public works, and railroad construction.

No. 323.—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
1931										
March	37	48	41	24	21	23	41	37	44	52
June	37	44	36	21	20	20	36	36	46	51
September	34	43	36	20	18	24	36	35	46	50
December	33	43	38	21	18	23	40	36	47	51
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

Sources: Table 322, Bureau of Labor Statistics, Department of Labor; Table 323, Bureau of Public Roads, Department of Agriculture.

No. 324.—FEDERAL RESERVE BOARD INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES: REVISED SERIES

NOTE.—Monthly average, 1923–1925=100. Indexes are corrected through 1927 for trend shown by biennial census data and are somewhat more comprehensive than those in Table 325. They are without seasonal adjustment. For details see Federal Reserve Board Bulletin for November, 1929, pages 706–716

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
EMPLOYMENT													
1923	100.6	102.4	104.9	105.2	105.3	105.9	104.8	105.5	105.9	104.8	103.4	101.3	104.2
1924	99.9	101.1	101.4	99.7	96.3	93.4	90.5	91.8	94.3	95.1	94.3	95.9	96.2
1925	96.4	98.2	99.5	99.3	98.4	98.2	98.1	99.8	102.0	102.4	101.9	101.6	99.6
1926	100.8	101.9	102.6	101.9	100.9	100.7	99.3	101.1	103.4	103.2	101.2	100.0	101.4
1927	98.1	99.7	100.4	99.8	99.1	99.0	98.0	99.2	100.9	99.3	96.9	95.4	98.8
1928	94.2	95.7	96.6	96.0	95.7	96.2	95.7	98.3	100.3	100.2	98.8	98.1	97.2
1929	97.4	99.8	101.4	102.1	101.9	102.0	102.1	104.0	105.4	103.3	98.0	95.2	101.1
1930	93.2	93.3	93.1	92.6	90.9	88.8	85.5	85.1	86.4	84.3	81.0	78.8	87.8
1931	76.4	77.3	78.1	77.9	77.1	75.0	73.8	74.2	74.7	71.4	68.7	67.9	74.4
1932	66.3	67.3	66.3	64.0	61.3	59.1	57.2	58.6	61.6	62.0	60.9	59.6	62.0
PAY ROLLS													
1923	94.1	97.8	102.8	103.9	107.3	107.5	103.2	104.2	104.8	107.2	104.9	103.1	103.4
1924	98.4	103.6	103.8	101.4	96.8	91.7	85.1	88.9	92.3	95.2	93.5	97.6	95.7
1925	95.4	100.9	103.6	100.4	100.7	98.7	97.1	99.4	99.4	105.2	105.1	105.5	100.9
1926	101.2	105.6	107.4	105.3	103.8	103.8	99.3	103.6	105.0	108.3	104.6	103.8	104.3
1927	98.6	104.8	106.3	105.0	104.3	102.4	98.6	102.2	101.9	102.5	98.4	90.4	102.0
1928	95.7	101.1	102.5	100.3	100.8	100.9	98.3	102.5	104.2	107.4	103.6	104.2	101.8
1929	100.8	108.1	110.8	111.4	111.4	109.7	105.7	110.6	111.9	110.9	102.5	99.1	107.7
1930	94.4	97.7	98.2	97.1	94.4	90.7	82.6	81.7	83.0	80.8	75.1	73.7	87.4
1931	68.4	73.2	74.9	73.6	72.2	67.6	64.4	64.3	61.8	59.4	56.2	55.8	66.0
1932	52.4	53.5	52.3	48.7	46.2	42.6	39.6	40.1	42.1	43.5	41.8	40.9	45.3

No. 325.—EMPLOYMENT AND PAY-ROLL INDEXES IN MANUFACTURING INDUSTRIES

NOTE.—Monthly average 1920=100. Indexes for 1931 and 1932 cover 89 industries (for most important of which see Table 327) and in 1932 are based on returns from 18,000 establishments employing approximately 2,650,000 persons; indexes for January, 1926, to September, 1929, cover 54 industries; indexes for October, 1929, to December, 1930, have been adjusted for the expansion from 54 to 89 industries. Returns cover one pay period ending on or about the 15th in each month. Indexes are weighted according to relative importance of the industries included; they are without seasonal adjustment. See also Table 324

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
EMPLOYMENT													
1926	100.4	101.5	102.0	101.0	99.8	99.3	97.7	98.7	100.3	100.7	99.5	98.9	100.0
1927	97.3	99.0	99.5	98.6	97.6	97.0	95.0	95.1	95.8	95.3	93.5	92.6	96.4
1928	91.6	93.0	93.7	93.3	93.0	93.1	92.2	93.6	95.0	95.9	95.4	95.5	93.8
1929	95.2	97.4	98.6	99.1	99.2	98.8	98.2	98.6	99.3	98.4	95.0	92.3	97.5
1930	90.7	90.9	90.5	89.9	88.6	86.5	82.7	81.0	80.9	79.9	77.9	76.6	84.7
1931	74.6	75.3	75.9	75.7	75.2	73.4	71.7	71.2	70.9	68.9	67.1	66.7	72.2
1932	64.8	65.6	64.5	62.2	59.7	57.5	55.2	56.0	58.5	59.9	59.4	58.3	60.1
PAY ROLLS													
1926	98.0	102.2	103.4	101.5	99.8	99.7	95.2	98.7	99.3	102.9	99.6	99.8	100.0
1927	94.9	100.6	102.0	100.8	99.8	97.4	93.0	95.0	94.1	95.2	91.6	93.2	96.5
1928	89.6	93.9	95.2	93.8	94.1	94.2	91.2	94.2	95.4	99.0	96.1	97.7	94.5
1929	95.5	101.8	103.9	104.6	104.8	102.8	98.2	102.1	102.6	102.4	95.4	92.4	100.5
1930	88.1	91.3	91.6	90.7	88.6	85.2	77.0	75.0	75.4	74.0	69.6	68.8	81.3
1931	63.7	68.1	69.6	68.5	67.7	63.8	60.3	59.7	56.7	55.3	52.5	52.2	61.5
1932	48.5	49.6	48.2	44.7	42.5	39.3	36.2	36.3	38.1	39.9	38.6	37.7	41.6

No. 326.—MANUFACTURING ESTABLISHMENTS: AVERAGE PERCENTAGE OF FULL TIME OPERATION, ACTIVE ESTABLISHMENTS ONLY

NOTE.—Statistics cover the same industries as Table 325, but the reports are somewhat less complete, as all establishments do not report plant-operating time.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1925	92	93	93	92	92	92	92	94	93	94	94	94
1926	93	94	94	93	93	92	90	97	98	98	97	97
1927	96	97	97	97	97	96	97	97	97	97	96	96
1928	96	96	96	96	96	97	96	97	97	98	97	98
1929	97	98	98	98	98	98	97	98	98	98	97	96
1930	95	95	95	94	94	93	91	91	92	92	90	90
1931	89	90	91	91	90	89	89	89	88	88	87	87
1932	86	87	86	85	84	83	82	83	85	86	85	84

Sources: Table 324, Federal Reserve Board; Tables 325 and 326, Bureau of Labor Statistics, Department of Labor.

No. 327.—EMPLOYMENT AND PAY-ROLL INDEXES IN MANUFACTURING ESTABLISHMENTS: ANNUAL AVERAGES BY INDUSTRIES

NOTE.—Monthly average 1926=100. For general index of all industries see Table 325

Industry group and industry	Employment						Pay-roll totals					
	1927	1928	1929	1930	1931	1932	1927	1928	1929	1930	1931	1932
Food and kindred products:												
Slaughtering and meat packing	99.5	99.5	101.0	97.1	90.8	86.9	99.9	101.0	103.2	100.2	89.8	72.9
Confectionery	96.5	93.0	92.3	85.9	82.4	76.3	97.9	93.3	94.1	86.2	75.6	59.7
Ice cream	94.0	92.4	91.9	87.6	80.6	72.8	93.4	93.1	93.0	87.5	78.2	61.7
Flour	99.3	100.0	102.1	97.0	88.2	83.9	99.4	102.1	105.3	99.9	84.2	70.2
Baking	101.4	100.9	102.1	96.8	90.5	81.8	102.2	101.6	103.5	98.5	87.1	70.9
Sugar refining, cane	98.8	91.1	94.0	91.6	81.7	76.3	98.8	94.9	98.5	94.4	80.0	66.9
Textiles and products:												
Cotton goods	105.0	95.2	95.5	80.6	75.4	69.1	108.5	91.7	94.3	73.3	64.9	47.7
Hosiery and knit goods	99.0	94.7	98.1	87.5	81.3	79.6	102.2	97.3	104.3	84.6	69.9	56.5
Silk and rayon goods	98.4	96.9	98.0	80.5	73.9	56.6	99.2	100.2	100.9	81.7	64.5	38.1
Woolen and worsted goods	99.7	95.0	96.0	77.7	75.4	65.4	100.6	94.4	96.3	72.7	68.1	48.5
Carpets and rugs	102.5	101.0	106.8	81.9	72.2	54.4	104.1	95.9	101.4	66.0	57.2	32.6
Dyeing and finishing textiles	100.9	99.5	101.8	93.0	88.0	77.2	102.8	101.0	102.2	87.9	80.7	57.2
Clothing, men's	97.8	92.2	91.9	80.4	74.6	65.3	97.3	89.0	88.2	67.9	56.2	37.3
Shirts and collars	95.0	92.2	92.7	81.1	72.3	58.4	96.3	89.9	90.8	70.9	57.1	37.6
Clothing, women's	105.4	105.4	105.4	94.2	85.3	66.7	107.4	105.2	105.1	87.2	70.3	44.3
Millinery	95.6	93.5	93.1	85.1	76.4	68.6	96.8	92.7	91.1	78.4	63.8	48.6
Iron and steel and products:												
Iron and steel	92.9	90.9	94.7	84.5	70.0	55.9	91.4	92.7	99.3	79.8	51.8	25.7
Cast-iron pipe	89.8	80.1	76.1	67.4	55.6	33.8	88.1	75.9	75.5	65.6	46.3	19.7
Structural ironwork	94.9	95.0	102.1	92.2	71.1	47.6	95.0	97.9	104.4	89.0	57.4	28.7
Hardware	92.2	88.9	91.9	78.8	65.3	52.3	90.9	88.4	93.7	68.5	47.4	27.8
Steam fittings and steam and hot-water heating apparatus	92.5	82.2	78.5	65.2	54.8	37.5	91.9	81.9	78.8	58.7	40.7	22.4
Stoves	91.2	87.6	90.8	74.3	60.6	49.2	90.4	84.7	87.3	64.1	44.7	28.5
Nonferrous metals and products:												
Stamped and enameled ware	88.9	88.8	90.4	77.9	70.6	62.1	90.6	90.4	91.1	71.8	58.8	41.2
Brass, bronze, and copper	94.5	94.4	101.1	79.7	66.7	53.9	92.0	98.0	107.4	74.9	54.2	33.7
Lumber and its products:												
Lumber, sawmills	91.0	86.7	85.9	67.7	48.3	35.5	92.4	88.0	86.9	65.0	37.1	18.9
Lumber, millwork	89.2	85.5	83.1	63.9	52.2	36.9	89.2	85.6	82.8	61.0	43.0	22.7
Furniture	96.1	92.5	95.9	75.2	61.0	47.3	98.2	93.2	97.0	66.6	46.6	26.4
Leather and its products:												
Leather	98.4	95.4	92.2	85.2	76.6	68.4	97.2	93.7	93.2	83.0	70.0	52.6
Boots and shoes	97.7	91.9	92.9	85.0	79.9	76.2	97.6	88.0	89.0	70.1	60.6	48.8
Paper and printing:												
Paper and pulp	97.5	94.4	95.5	91.3	80.8	74.9	96.6	94.9	98.2	89.8	70.3	52.8
Paper boxes	96.8	94.0	96.0	89.7	82.1	71.2	99.0	99.4	103.3	92.9	79.6	60.4
Printing, book and job	100.3	99.2	102.6	99.5	89.7	76.1	102.1	101.6	105.8	102.6	87.6	64.6
Printing, newspapers	103.4	105.2	103.3	108.5	105.6	98.6	104.6	107.4	112.8	112.3	106.6	89.5
Chemicals and allied products:												
Chemicals	102.5	103.5	110.9	104.4	95.8	85.5	104.4	104.7	107.4	95.0	82.2	63.9
Fertilizers	91.2	95.4	95.2	89.5	62.9	49.5	94.0	97.1	94.7	87.5	56.2	34.9
Petroleum refining	94.6	84.8	96.5	92.6	73.5	64.1	95.6	87.2	99.1	95.9	73.4	57.2
Stone, clay, and glass:												
Cement	95.8	87.7	81.1	74.1	59.2	41.2	96.5	88.3	81.0	71.5	50.4	25.6
Brick, tile, and terra cotta	94.3	84.9	80.5	63.1	46.8	29.3	94.1	82.8	76.9	55.3	32.6	13.7
Pottery	94.5	95.3	94.2	84.7	76.0	61.1	94.2	93.4	91.0	74.7	58.3	37.4
Glass	94.2	92.9	94.6	81.3	70.4	58.5	93.4	94.3	97.3	78.3	62.6	43.1
Tobacco products:												
Chewing and smoking tobacco and snuff	97.7	95.2	89.3	89.5	86.1	88.9	97.7	94.1	89.6	87.7	79.3	73.7
Cigars and cigarettes	98.1	96.0	94.2	89.5	80.7	69.5	97.0	93.4	93.2	83.7	68.1	52.2
Transportation equipment:												
Automobiles	91.2	111.3	116.9	83.7	67.7	55.2	90.3	114.4	118.7	74.6	53.0	38.9
Cars, electric and steam railroad	79.1	63.4	83.1	68.1	27.5	20.2	79.1	60.8	84.1	65.4	18.9	12.2
Railroad repair shops:												
Electric-railroad	100.4	96.5	93.7	89.0	78.1	68.9	99.9	97.4	95.2	89.3	75.0	59.2
Steam-railroad	92.4	86.7	85.4	73.5	60.4	48.1	94.9	89.5	93.4	76.0	57.6	37.6
Machinery:												
Agricultural implements	91.9	106.8	121.1	92.3	47.8	28.2	92.2	111.8	125.3	85.6	37.4	21.3
Electrical machinery, apparatus, and supplies	95.1	93.9	118.3	101.6	80.9	58.9	95.7	95.9	121.5	102.0	71.4	41.9
Machine tools	92.8	100.8	129.8	98.7	62.6	35.9	92.2	107.5	139.8	90.2	48.4	22.9
Foundry and machine-shop products	93.8	93.7	104.3	87.9	65.8	47.9	92.1	93.9	107.6	80.7	49.2	27.1
Shipbuilding	104.8	82.8	105.3	114.9	95.8	79.1	105.8	83.0	108.1	116.4	88.0	63.9
Rubber products:												
Rubber boots and shoes	103.3	101.1	97.6	80.2	66.3	56.3	107.7	101.0	99.3	74.2	50.0	39.7
Automobile tires	97.3	103.3	104.1	77.6	68.6	62.9	98.2	105.7	101.8	73.4	57.6	42.5

Source: Bureau of Labor Statistics, Department of Labor.

No. 328.—INDEXES OF FACTORY EMPLOYMENT 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 1925–1927]

Year and month	Employees on pay roll						Amount of pay roll				
	Massachusetts [1]	New York [2]	New Jersey [3]	Pennsylvania [3]	Illinois [4]	Wisconsin [5]	New York [2]	New Jersey [3]	Pennsylvania [3]	Illinois [4]	Wisconsin [5]
1922	------	101.0	------	------	[6]101.9	88.9	87.8	------	------	[7]96.7	75.5
1923	------	111.9	104.4	106.9	112.5	102.1	105.6	102.2	106.8	107.4	95.8
1924	------	102.0	96.6	95.5	103.1	97.3	97.9	96.0	94.7	95.3	93.0
1925	100.1	101.3	99.1	97.6	99.8	101.4	99.2	101.8	98.6	97.9	101.4
1926	102.0	101.4	101.7	100.7	103.1	101.7	102.0	108.1	104.4	104.2	102.2
1927	97.9	97.3	95.0	96.4	97.1	96.8	98.8	100.7	97.9	98.0	96.4
1928	91.6	93.4	88.5	92.7	95.3	96.2	95.4	93.4	93.6	96.2	98.1
1929	94.3	97.9	96.3	98.8	102.6	100.1	101.7	104.4	104.5	101.3	100.8
1930	81.5	86.0	86.4	90.4	88.4	87.8	85.6	92.3	87.6	77.6	80.1
1931	72.0	73.4	73.9	75.1	71.0	75.1	67.1	71.9	60.8	53.8	60.1
1932	58.1	59.2	61.7	62.7	56.5	63.0	46.6	52.2	39.3	34.3	40.3
1927											
March	99.5	99.9	100.8	99.9	100.0	98.9	103.1	109.1	105.4	101.1	99.8
June	96.2	96.8	93.8	96.7	98.5	96.1	97.9	100.2	98.9	102.5	97.9
September	99.3	97.9	93.0	94.8	96.0	98.1	100.3	97.0	92.6	94.2	97.4
December	95.0	94.4	89.7	92.9	92.6	92.6	96.8	95.8	93.7	92.9	91.4
1928											
March	94.6	93.8	86.7	93.4	94.2	94.6	96.4	91.6	95.3	94.5	102.2
June	87.8	92.0	86.4	91.5	95.8	94.9	94.0	91.1	92.5	97.9	100.3
September	92.0	94.3	90.4	93.7	97.7	99.1	97.1	94.9	93.4	97.1	102.0
December	93.4	95.4	94.1	93.7	99.2	96.9	99.6	101.9	96.8	98.2	96.2
1929											
March	95.5	99.2	95.1	96.9	102.2	100.6	104.4	104.1	105.4	101.6	106.1
June	94.0	98.0	97.2	99.6	104.1	100.6	101.9	105.5	106.6	105.6	102.5
September	97.0	99.9	99.9	102.0	105.8	101.3	105.5	107.6	105.3	103.1	98.6
December	89.9	94.2	91.1	97.3	99.3	93.7	97.1	98.9	99.7	94.5	88.2
1930											
March	86.5	91.4	88.6	95.2	96.9	94.5	94.4	97.4	100.0	88.4	94.0
June	82.1	86.7	84.1	91.9	91.2	89.0	86.7	90.1	89.1	80.7	83.9
September	79.9	84.6	88.0	87.5	82.9	83.1	84.5	93.0	81.4	70.1	72.3
December	74.4	77.5	82.2	81.7	77.5	77.5	73.7	83.4	71.3	62.2	63.9
1931											
January	73.9	75.4	77.9	78.3	76.3	76.9	70.4	77.5	67.6	59.6	60.0
February	75.8	76.6	77.4	80.0	76.5	77.6	72.6	78.6	68.6	61.6	65.8
March	76.5	77.8	77.0	79.2	76.6	78.2	75.1	77.3	69.7	61.7	68.8
April	76.8	77.2	75.7	79.1	75.6	77.9	72.9	76.1	69.9	60.0	68.2
May	75.3	75.6	75.3	77.2	74.5	78.1	70.4	76.3	65.8	58.2	67.2
June	73.4	73.4	73.6	74.5	72.3	76.7	66.7	72.0	61.5	55.5	64.2
July	71.9	71.9	72.6	72.5	70.5	79.6	65.5	70.8	57.3	53.6	61.0
August	73.5	71.5	73.0	72.9	70.1	75.6	65.0	70.7	57.0	52.9	58.9
September	73.0	73.6	73.2	72.6	68.3	75.0	66.5	66.6	54.3	49.4	55.6
October	67.1	71.3	72.4	71.8	65.7	70.7	62.3	68.9	54.5	46.8	52.8
November	64.0	68.8	71.0	71.1	62.3	68.2	59.4	65.8	51.1	42.4	50.0
December	62.9	67.7	68.1	71.0	63.6	66.9	57.8	62.7	52.3	44.3	48.8
1932											
January	62.5	65.0	66.1	69.4	61.6	65.1	54.6	60.5	49.4	42.8	44.1
February	65.5	65.0	67.1	68.9	62.0	67.6	53.9	60.5	49.1	41.6	48.1
March	64.3	64.6	65.4	67.5	61.3	68.1	53.8	58.0	46.3	39.8	48.5
April	58.6	62.2	63.5	64.7	58.8	66.2	50.1	54.6	41.5	36.9	44.6
May	54.5	57.6	62.4	61.4	57.2	63.9	44.9	53.2	37.3	34.9	41.3
June	51.7	55.6	61.5	59.7	56.6	62.4	42.6	51.7	35.7	33.5	38.0
July	48.4	52.4	58.9	57.1	52.3	62.4	39.4	47.9	32.1	28.9	34.2
August	54.4	54.4	57.5	58.5	53.5	60.2	41.2	46.0	33.6	31.0	35.3
September	59.7	57.8	59.8	60.6	54.5	61.1	44.9	49.2	36.0	31.8	37.0
October	62.1	59.5	60.1	62.4	54.4	60.5	46.4	49.8	38.7	32.1	39.3
November	59.0	58.9	59.4	61.8	53.5	60.1	44.2	47.5	36.4	29.7	38.2
December	56.8	57.1	59.2	60.0	51.7	58.8	42.6	47.5	35.2	29.1	35.0

[1] Compiled by the Massachusetts Department of Labor and Industries, Division of Statistics, from about 1,000 firms each month. Data are connected by the chain relative method.

[2] Compiled by the New York State Department of Labor from reports of approximately 1,500 establishments prior to 1930, 1,850 in 1930, and 1,700 thereafter. These establishments employed more than one-third of the factory workers of the State.

[3] Compiled by the Federal Reserve Bank of Philadelphia from reports of about 800 plants in New Jersey and about 850 in Pennsylvania. Since August, 1926, figures for New Jersey are from the New Jersey Department of Labor.

[4] Compiled by the Illinois Department of Labor from reports of manufacturing establishments, based on the pay roll nearest the 15th of the month.

[5] Compiled by the Industrial Commission of Wisconsin, from reports of about 850 manufacturing establishments.

[6] Index number represents 11 months' average; no data reported for June.

[7] Index number represents 6 months' average, July to December, inclusive.

Source: See footnotes.

No. 329.—WEEKLY EARNINGS OF FACTORY LABOR IN SPECIFIED STATES

[Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years 1923–1925 as 100; for New York, Illinois, and Wisconsin, monthly average of the years 1925–1927. Data for Delaware compiled by the Federal Reserve Bank of Philadelphia from reports of about 60 plants; for original sources of other data, number of firms reporting, etc., in each State, see notes 2 to 5, Table 328]

Year and month	Average amount per week			Index numbers					
	New York	Illinois	Wisconsin	New York	New Jersey	Pennsylvania	Delaware	Illinois	Wisconsin
1921	$25.72	------	$22.80	------	------	------	------	------	------
1922	25.04	[1] $24.70	21.66	------	------	------	------	[1] 80.1	84.7
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	97.9	100.7	99.6	99.4	98.4	100.0
1926	29.02	28.67	25.67	100.5	105.9	102.5	101.8	101.0	100.4
1927	29.30	28.49	25.45	101.5	109.0	102.6	103.1	100.5	99.6
1928	29.44	28.43	26.04	102.0	109.8	103.1	102.6	100.2	101.9
1929	29.99	28.66	25.90	103.9	113.0	106.0	106.7	101.0	100.6
1930	28.81	27.16	23.33	99.4	111.3	98.1	103.2	95.7	90.3
1931	26.42	23.59	20.02	91.2	101.7	81.1	93.9	83.2	78.4
1932	22.74	18.67	15.30	78.5	88.4	63.0	75.9	65.8	60.2
1931									
March	27.96	25.13	22.69	96.5	105.0	87.5	102.4	88.6	88.1
June	26.34	23.93	21.16	91.0	102.2	82.3	100.5	84.3	82.8
September	26.16	22.52	18.24	90.3	95.1	75.3	87.0	79.4	72.2
December	24.74	21.63	18.02	85.4	96.3	74.4	81.7	76.2	71.2
1932									
March	24.13	20.08	17.47	83.3	92.7	69.4	82.9	70.8	68.7
June	22.19	18.33	14.64	76.6	88.2	60.2	74.7	64.6	57.6
September	22.50	17.94	14.10	77.7	86.1	59.9	72.9	63.2	55.6
December	21.63	17.16	14.13	74.7	84.1	59.1	73.7	60.5	55.7

[1] Average of the last 6 months of the year.

Sources: See headnote.

No. 330.—AVERAGE WEEKLY AND HOURLY EARNINGS: ALL WAGE EARNERS AND CLASSIFIED GROUPS OF LABOR, 25 MANUFACTURING INDUSTRIES

[Indexes based on 1923 as 100]

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								
1921	23.77	89.3	20.28	91.0	27.36	88.8	15.63	90.7
1922 [1]	24.29	91.3	20.30	91.1	28.11	91.2	15.84	91.9
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
HOURLY EARNINGS								
1921	.524	96.9	.437	98.7	.599	96.7	.362	94.5
1922 [1]	.494	91.3	.402	90.7	.566	91.4	.352	92.0
1923	.541	100.0	.443	100.0	.619	100.0	.383	100.0
1924	.502	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

[1] Average of last 6 months.

Source: National Industrial Conference Board (Inc.).

No. 331.—EMPLOYMENT AND PAY-ROLL INDEXES IN NONMANUFACTURING INDUSTRIES AND BUSINESS

[Monthly average, 1929=100]

Year and industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average for year
Employment													
1931													
Anthracite mining	90.6	89.5	82.0	85.2	80.3	76.1	65.1	67.3	80.0	86.8	83.5	79.8	80.5
Bituminous-coal mining	93.9	91.5	88.8	85.9	82.4	78.4	76.4	77.0	80.4	81.3	81.1	81.2	83.2
Metalliferous mining	68.3	65.3	63.5	63.9	62.4	60.0	56.2	55.8	55.5	53.8	52.8	51.2	59.1
Quarrying and nonmetallic mining	64.4	66.6	70.0	76.1	75.0	72.3	71.0	68.9	66.6	64.5	59.3	53.9	67.4
Crude-petroleum producing	74.8	73.2	72.2	69.8	67.8	65.0	65.3	62.4	61.2	60.4	57.6	58.2	65.7
Telephone and telegraph	90.5	89.2	88.6	88.1	87.4	86.9	86.6	85.9	85.0	84.1	83.5	83.1	86.6
Power, light, and water	99.2	97.8	96.7	97.1	97.6	97.2	96.7	95.9	94.7	92.7	91.3	90.3	95.6
Electric railroads [1]	86.9	86.6	86.4	86.8	85.9	85.3	85.6	84.8	84.0	82.7	81.5	79.9	84.7
Wholesale trade	89.5	88.2	87.4	87.4	87.1	87.1	86.8	86.5	86.1	85.2	84.1	83.7	86.6
Retail trade	90.0	87.1	87.8	90.1	89.9	89.1	83.9	81.8	86.6	89.8	90.9	106.2	89.4
Hotels	95.0	96.8	96.8	95.9	92.5	91.6	93.3	92.8	90.6	87.4	84.9	83.1	91.7
Canning and preserving	48.9	48.3	53.0	59.6	56.0	70.6	102.2	142.9	180.1	108.1	60.8	40.7	80.9
Laundries	90.5	90.0	89.5	90.5	90.3	91.0	91.8	90.2	89.3	88.1	86.2	85.3	89.4
Dyeing and cleaning	88.9	87.4	88.0	95.7	96.7	99.0	98.6	93.5	95.3	94.2	90.1	84.9	92.7
1932													
Anthracite mining	76.2	71.2	73.7	70.1	66.9	53.0	44.5	49.2	55.8	63.9	62.7	62.3	62.5
Bituminous-coal mining	80.8	77.4	75.2	65.5	62.6	60.5	58.6	59.4	62.4	67.0	69.4	70.0	67.4
Metalliferous mining	49.3	46.9	45.0	43.3	38.3	32.2	20.5	28.6	29.3	30.5	31.9	33.3	36.5
Quarrying and nonmetallic mining	48.9	47.4	46.0	48.6	50.6	49.5	49.5	51.1	52.4	52.4	49.4	42.3	49.0
Crude-petroleum producing	54.9	54.4	51.4	54.9	54.5	54.2	55.4	57.4	56.2	56.8	56.5	57.2	55.3
Telephone and telegraph	83.0	82.0	81.7	81.2	80.6	79.9	79.1	78.1	77.4	76.2	75.5	74.8	79.1
Power, light, and water	89.3	87.2	85.5	84.8	84.0	83.2	82.3	81.5	81.0	79.9	79.1	78.4	83.0
Electric railroads [1]	79.5	78.9	77.6	78.0	76.9	76.5	75.6	74.1	73.5	72.3	71.8	71.4	75.6
Wholesale trade	81.8	80.9	79.8	78.9	77.9	77.0	76.6	76.4	77.1	77.8	77.6	77.0	78.2
Retail trade	84.3	80.5	81.4	81.6	80.9	79.4	74.0	72.6	77.8	81.3	81.7	95.2	80.9
Hotels	83.2	84.3	84.0	82.7	80.1	78.0	78.4	77.6	77.0	75.4	74.3	73.2	79.0
Canning and preserving	35.0	37.1	36.3	47.0	40.5	55.5	73.0	99.0	125.3	81.1	50.5	33.7	59.5
Laundries	84.7	82.9	82.0	82.0	81.4	81.0	80.3	78.9	78.6	77.5	76.2	75.9	80.1
Dyeing and cleaning	82.1	80.5	80.6	83.3	84.5	85.1	82.4	79.5	83.3	82.3	78.0	75.2	81.4
Pay rolls													
1931													
Anthracite mining	89.3	101.9	71.3	75.2	76.1	66.7	53.7	56.4	64.9	91.1	79.5	78.4	75.4
Bituminous-coal mining	73.3	68.3	66.2	58.6	54.4	52.4	50.4	50.6	53.6	56.2	54.6	52.3	57.5
Metalliferous mining	55.0	54.6	52.8	51.4	49.3	46.1	41.3	40.2	40.0	37.4	35.1	34.3	44.8
Quarrying and nonmetallic mining	50.4	54.4	58.2	62.6	62.3	60.1	57.3	55.1	51.2	48.7	43.3	36.9	53.4
Crude-petroleum producing	71.5	70.0	73.2	66.3	64.7	62.7	59.2	56.3	55.2	54.4	52.0	54.9	61.7
Telephone and telegraph	96.3	94.8	97.9	95.0	94.1	95.0	93.3	92.3	92.1	91.6	89.7	92.7	93.7
Power, light, and water	98.6	99.7	102.4	97.6	98.7	98.3	97.4	96.2	94.3	93.2	93.3	91.2	96.7
Electric railroads [1]	85.6	87.1	88.1	86.6	85.1	84.8	83.3	81.9	81.2	79.0	79.7	77.8	83.4
Wholesale trade	87.5	88.4	89.1	85.2	84.7	84.1	83.3	82.1	81.4	79.9	79.7	77.8	83.6
Retail trade	89.4	86.7	87.5	88.3	88.0	87.6	83.3	80.3	83.5	84.6	85.4	94.1	86.6
Hotels	91.0	93.7	93.4	89.9	87.7	85.4	85.2	83.8	81.9	79.7	77.1	75.4	85.4
Canning and preserving	46.1	48.6	50.3	57.1	56.0	58.6	74.2	104.7	129.4	77.6	48.1	36.9	65.6
Laundries	86.6	85.6	85.6	86.8	86.5	87.1	87.4	84.6	84.1	81.8	78.9	77.4	84.4
Dyeing and cleaning	77.7	75.1	75.6	86.3	86.6	89.1	86.2	80.0	82.6	81.4	74.7	67.9	80.3
1932													
Anthracite mining	61.5	57.3	61.2	72.0	58.0	37.4	34.5	41.4	47.0	66.7	51.0	56.2	53.7
Bituminous-coal mining	47.0	47.0	46.8	33.9	30.7	27.3	24.4	26.4	30.2	37.8	38.0	37.7	35.6
Metalliferous mining	29.7	27.8	26.5	25.0	23.8	20.1	16.9	16.5	17.0	18.0	18.7	18.7	21.6
Quarrying and nonmetallic mining	30.2	29.6	28.7	30.0	32.3	30.0	29.1	29.7	30.5	30.1	27.1	22.1	29.1
Crude-petroleum producing	46.5	46.9	43.2	44.5	47.1	44.8	44.6	42.9	41.9	42.5	42.4	41.7	44.1
Telephone and telegraph	89.1	89.6	88.2	83.4	82.8	82.1	79.6	79.1	75.9	75.7	74.3	73.5	81.1
Power, light, and water	88.4	86.0	85.4	82.4	84.2	80.5	78.7	76.7	74.7	74.4	73.2	73.2	79.8
Electric railroads [1]	75.4	74.8	73.6	71.8	72.2	70.2	66.4	63.8	62.5	61.5	61.7	61.9	68.0
Wholesale trade	74.1	72.5	71.3	68.9	69.7	66.2	64.7	63.2	63.1	63.9	63.3	62.6	67.0
Retail trade	78.0	73.7	73.4	72.7	71.1	68.2	63.3	60.7	64.6	67.1	66.9	73.6	69.4
Hotels	73.9	73.9	72.4	69.6	67.0	63.8	61.8	59.6	59.1	58.6	57.5	56.6	64.5
Canning and preserving	31.8	32.7	31.9	37.9	36.0	40.5	47.5	65.6	75.1	51.8	34.4	25.6	42.6
Laundries	76.4	73.3	71.6	71.4	70.6	68.6	66.3	63.9	62.9	61.2	59.1	58.7	67.0
Dyeing and cleaning	65.8	62.2	61.7	65.9	67.3	65.8	60.0	56.3	61.0	58.8	52.3	48.4	60.5

[1] Figures represent operation and maintenance of electric railroads, and do not include electric railroad car building and repairing.

Source: Bureau of Labor Statistics, Department of Labor.

No. 332.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR

NOTE.—Index numbers subsequent to 1924 cover only the occupations listed in Table 334; for previous years they included also the metal and millwork trades. See also headnote, Table 333

[Rates and hours for 1913=100.]

Year	Rates of wages per hour	Full-time hours per week	Rates of wages per week, full time	Year	Rates of wages per hour	Full-time hours per week	Rates of wages per week, full time
1907	89.7	102.6	91.5	1920	199.0	93.8	188.5
1908	91.0	102.1	92.5	1921	205.3	93.9	193.3
1909	91.9	101.9	93.3	1922	193.1	94.4	183.0
1910	94.4	101.1	95.2	1923	210.6	94.3	198.6
1911	96.0	100.7	96.5	1924	228.1	93.9	214.3
1912	97.6	100.3	97.7	1925	237.9	93.0	222.3
1913	100.0	100.0	100.0	1926	250.3	92.8	233.4
1914	101.9	99.6	101.6	1927	259.5	92.4	240.8
1915	102.8	99.4	102.3	1928	260.6	91.9	240.6
1916	107.2	98.8	106.2	1929	262.1	91.5	240.7
1917	114.1	98.4	112.4	1930	272.1	89.8	243.8
1918	132.7	97.0	129.6	1931	273.0	89.2	242.9
1919	154.5	94.7	147.8	1932	241.8	87.7	212.2

Source: Bureau of Labor Statistics, Department of Labor.

No. 333.—INDEX NUMBERS OF UNION HOURS OF LABOR PER WEEK AND RATES OF WAGES PER HOUR, BY OCCUPATIONS

NOTE.—Data cover the principal cities of the United States. The relative hours are percentages showing the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes nor of overtime work. The relative wages are percentages which indicate the change in wages per hour. The figures are based on the scale prevailing May 15 each year. For absolute hourly wage rates for the same and other occupations, see Table 334

[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
1924	90.1	283.5	98.6	202.2	94.4	242.4	98.8	218.3	93.2	222.0	95.0	211.4
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	239.7	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

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
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
1924	95.6	197.2	98.0	224.9	96.2	220.5	98.2	215.1	99.2	186.1	95.0	230.5
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

No. 333.—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
1924	98.2	216.1	98.3	227.8	97.7	202.4	97.1	221.7	97.0	201.5	98.9	225.2
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	256.0
1928	93.9	241.6	95.1	264.1	97.5	232.1	91.5	247.4	96.8	239.5	98.8	259.3
1929	93.0	238.6	95.0	265.0	96.7	233.8	96.4	256.9	96.3	241.0	95.9	266.5
1930	91.2	250.3	91.9	282.3	92.0	240.0	92.7	268.5	92.0	252.2	92.9	266.4
1931	90.6	253.0	92.0	274.3	90.9	244.2	91.2	273.2	91.2	254.0	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
	Building trades—Contd.											
	Structural-iron workers		Tile layers		Chauffeurs		Teamsters and drivers		Longshore-men		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
1924	98.7	202.5	98.4	197.5	89.1	205.6	89.5	244.7	81.8	238.5	100.2	214.2
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	80.5	206.1	82.0	244.9	84.8	299.2	75.7	251.5	94.4	234.1
	Printing and publishing: Book and job											
	Bookbinders		Compositors		Electro-typers		Machine operators		Press assist-ants and feeders		Pressmen, cylinder	
1910	100.3	95.1	100.1	94.1	100.8	91.5	100.3	93.9	100.2	92.4	100.0	95.4
1921	94.7	220.1	94.3	219.6	96.5	223.1	93.9	209.6	94.2	245.8	94.5	205.5
1923	93.4	224.0	91.4	228.5	95.9	241.6	92.2	203.8	92.5	266.2	93.0	216.7
1924	93.1	233.9	91.7	238.5	95.7	250.6	91.8	212.9	92.7	263.8	93.1	223.1
1925	93.3	236.6	91.7	237.4	96.6	249.7	92.2	211.7	92.4	278.8	92.6	225.9
1926	93.2	240.8	91.7	242.1	96.6	252.2	92.0	215.2	92.3	281.9	92.4	230.5
1927	93.0	246.0	91.7	246.6	96.6	255.2	92.2	223.0	92.2	285.3	92.4	230.9
1928	93.6	244.8	91.7	250.1	96.6	257.1	92.0	224.6	92.2	287.0	92.3	232.7
1929	93.0	247.5	91.7	251.5	96.3	263.2	92.0	228.0	92.1	289.7	92.3	236.8
1930	93.5	250.7	91.7	259.3	95.2	269.9	92.0	238.0	92.1	294.8	92.3	240.1
1931	93.3	252.7	91.7	260.2	94.5	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
	Printing and publishing: Book and job—Con.		Printing and publishing: Newspaper									
	Pressmen, platen		Compositors, daywork		Machine operators, daywork		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
1924	93.1	242.9	99.7	189.0	99.1	193.4	99.9	191.5	100.5	199.4	99.8	180.4
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	263.9	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

Source: Bureau of Labor Statistics, Department of Labor.

No. 334.—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 333

Occupation	1930	1931	1932
Grand average, all trades herein covered [1]	*Dolls.* 1.250	*Dolls.* 1.254	*Dolls.* 1.111
Bakers	.965	.934	.951
BUILDING TRADES			
Asbestos workers	1.445	1.471	1.237
Bricklayers:			
Building	1.695	1.700	1.465
Sewer, tunnel, and caisson	1.913	2.039	1.522
Building labor group:			
Building laborers	.919	.893	.762
Hod carriers	1.106	1.088	.883
Plasterers' laborers	1.161	1.128	.910
Plumbers' laborers	1.013	1.051	.883
Carpenters:			
General	1.390	1.400	1.166
Millwrights	1.303	1.349	1.108
Parquetry-floor layers	1.475	1.494	1.184
Ship	1.404	1.372	1.109
Wharf and bridge	1.360	1.383	1.153
Cement finishers	1.493	1.475	1.245
Composition roofers	1.387	1.432	1.182
Composition roofers' helpers	.796	.782	.730
Elevator constructors	1.519	1.524	1.409
Elevator constructors' helpers	1.093	1.098	1.004
Engineers, portable and hoisting	1.593	1.608	1.511
Glaziers	1.408	1.428	1.211
Inside wiremen	1.484	1.506	1.437
Inside wiremen fixture hangers	1.338	1.335	1.276
Lathers	1.546	1.565	1.385
Marble setters	1.565	1.572	1.432
Marble setters' helpers	1.040	1.026	.931
Mosaic and terrazzo workers	1.468	1.466	1.356
Painters:			
Building	1.467	1.482	1.228
Fresco	1.380	1.456	1.051
Sign	1.581	1.573	1.393
Plasterers	1.691	1.709	1.423
Plumbers and gas fitters	1.488	1.514	1.302
Sheet-metal workers	1.416	1.441	1.234
Slate and tile roofers	1.590	1.576	1.401
Steam and sprinkler fitters	1.511	1.525	1.283
Steam and sprinkler fitters' helpers	1.065	1.084	.953
Stonemasons	1.626	1.642	1.449
Structural-iron:			
Workers	1.542	1.564	1.339
Finishers	1.599	1.598	1.332
Tile layers	1.539	1.554	1.350
Tile layers' helpers	1.079	1.047	.923
Average, building trades	1.410	1.428	1.216
PRINTING AND PUBLISHING: BOOK AND JOB			
Bindery women	*Dolls.* 0.544	*Dolls.* 0.541	*Dolls.* 0.515
Bookbinders	1.015	1.023	.988
Compositors	1.162	1.166	1.162
Electrotypers	1.293	1.315	1.307
Machine operators, timework	1.240	1.192	1.251
Machine tenders (machinists)	1.267	1.218	1.279
Photo-engravers	1.335	1.329	1.371
Press assistants and feeders	.865	.880	.852
Pressmen:			
Cylinder	1.166	1.161	1.147
Platen	.947	.948	.911
Average, printing and publishing, book and job	1.074	1.068	1.084
PRINTING AND PUBLISHING: NEWSPAPER			
Compositors:			
Daywork	1.210	1.210	1.164
Nightwork	1.315	1.311	1.283
Machine operators, daywork:			
Piecework	[2] .145	[2] .147	[2] .149
Timework	1.220	1.239	1.206
Machine operators, nightwork:			
Piecework	[2] .156	[2] .167	[2] .167
Timework	1.333	1.339	1.335
Machine tenders (machinists):			
Daywork	1.206	1.204	1.233
Nightwork	1.308	1.332	1.380
Photo-engravers:			
Daywork	1.342	1.354	1.347
Nightwork	1.636	1.653	1.652
Pressmen, web presses:			
Daywork	1.095	1.104	1.122
Nightwork	1.272	1.292	1.306
Stereotypers:			
Daywork	1.064	1.063	1.075
Nightwork	1.228	1.241	1.227
Average, printing and publishing, newspaper	1.241	1.247	1.231
MISCELLANEOUS			
Chauffeurs	.724	.737	.711
Teamsters and drivers	.766	.755	.785
Longshoremen	.875	.868	.868
Granite cutters	1.343	1.344	1.199
Stonecutters	1.486	1.524	1.380
Laundry workers	.479	.481	.487
Linemen	1.128	1.135	1.091

[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. 335.—UNITED STATES POSTAL SERVICE, 1800 TO 1932

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	1,351	1,933	−82	----	----	----	----	----
1840	13,468	155,739	4,544	4,718	−175	0.27	----	----	----	----
1850	18,417	178,672	6,500	5,213	+287	.20	----	----	[5] 2	----
1860	28,498	240,594	8,518	10,171	−10,663	.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	87,189	−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	12,256
1908	60,704	450,738	191,479	208,352	−16,910	2.15	498,700	88,972	7,651	13,364
1909	60,144	448,618	203,562	221,004	−17,480	2.24	491,075	76,755	8,732	14,005
1910	59,580	447,998	224,129	229,977	−5,881	2.43	547,994	99,743	9,067	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	10,313	18,507
1914	56,810	435,597	287,935	283,544	+4,376	2.91	667,231	101,963	11,112	----
1915	56,380	433,334	287,218	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	1,100,618	39,766	15,020	----
1920	52,641	435,342	437,150	454,323	−17,270	4.10	1,332,700	32,960	13,213	----
1921	*52,168*	*434,349*	403,491	620,994	−157,518	4.28	1,305,370	24,399	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	630,282	−30,745	5.28	1,532,567	52,650	17,387	25,835
1926	50,601	470,779	659,820	679,704	−19,972	5.63	1,590,486	63,172	16,333	25,484
1927	50,266	478,662	683,122	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	705,484	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	26,644
1932	48,159	558,526	588,172	793,684	−205,551	4.71	1,536,889	48,849	14,651	24,307

[1] Not counting rural free delivery routes.

[2] Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies.

[3] *International includes foreign countries* on domestic basis. For explanation see headnote Table 337.

[4] Data are for continental United States and are estimates except in 1923 and beginning with 1926, when figures are accurate calculations. No estimates made from 1914 to 1922, inclusive.

[5] Postage stamps first issued under act of Mar. 3, 1847, and placed on sale at New York July 1, 1847.

[6] From Nov. 1, 1864, when money-order system first went into operation, to June 30, 1865.

[7] From Sept. 1, 1869, to June 30, 1870. International money orders first issued under convention of Oct. 12, 1867.

[8] Gross revenues of department for 1918 and 1919 include $44,500,000 and $71,292,000, respectively, war-tax revenue accruing from increased postage.

Source: Annual Reports of the Postmaster General.

No. 336.—REVENUES, UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

[All figures in thousands of dollars]

Item	1910	1915	1920	1925	1929	1930	1931	1932
Total	224,129	287,248	437,150	599,591	696,848	705,484	656,463	588,172
Ordinary postal revenue	219,339	279,460	424,406	585,333	676,651	686,426	637,834	568,344
Stamps, postal cards, etc.[1]	202,065	256,037	379,587	507,572	575,407	574,851	524,524	459,945
Second-class postage paid in money (pound rates)[1]	8,174	10,468	25,100	29,619	27,825	28,584	25,371	21,189
Other postage paid in money under permit	4,418	7,527	12,960	39,301	63,729	73,545	78,622	77,736
Box rents	4,139	4,981	6,145	7,817	8,518	8,539	8,326	7,832
Miscellaneous	542	448	614	1,024	1,172	907	990	1,641
Money-order revenues	4,790	7,175	10,314	12,909	17,420	17,496	16,333	15,762
Revenue from postal savings	----------	012	2,430	1,349	2,877	1,562	2,207	4,066

[1] For volume of this item, see Table 341.

No. 337.—POSTAL MONEY-ORDER BUSINESS: YEARS ENDED JUNE 30

NOTE.—For revenues from money orders, see Table 336. For value of orders issued for other years, see Table 335. Money orders are exchanged on a domestic basis not only within this country, but with its outlying possessions, Canada, Cuba, and numerous islands and minor countries neighboring the United States. International-basis orders are exchanged between the United States and its outlying possessions, on the one hand, and other than "domestic basis" foreign countries, on the other. In this table, however, "International" includes money orders exchanged between the United States and "domestic basis" foreign countries, and these are not included in "Domestic"

Item	1910	1915	1920	1925	1929	1930	1931	1932
Number of money-order offices	51,791	55,670	54,395	54,269	54,357	54,161	55,404	55,081
DOMESTIC[1]								
Orders issued:								
Number (1,000)	76,918	105,073	148,491	197,054	199,273	202,273	189,874	178,633
Amount (1,000 dollars)	547,994	656,139	1,332,700	1,532,567	1,658,443	1,714,576	1,559,549	1,536,889
Orders paid:								
Number (1,000)	76,496	103,884	147,520	196,038	199,205	201,453	190,255	179,299
Amount (1,000 dollars)	545,632	652,786	1,333,046	1,531,597	1,657,276	1,713,681	1,560,972	1,538,095
Excess of issues:[2]								
Number (1,000)	422	1,190	971	1,015	68	820	−381	−666
Amount (1,000 dollars)	2,362	1,353	−346	970	1,167	895	−1,423	−1,206
INTERNATIONAL[3,4]								
Orders issued:								
Number (1,000)	4,500	3,055	1,852	2,966	4,017	3,978	3,705	3,164
Amount (1,000 dollars)	99,743	60,772	32,960	52,650	76,113	72,708	62,228	48,849
Orders paid:								
Number (1,000)	1,956	2,217	1,508	1,765	2,198	2,161	2,076	1,237
Amount (1,000 dollars)	27,244	24,743	25,362	19,765	27,477	25,825	24,223	14,577
Excess of issues:								
Number (1,000)	2,544	837	343	1,201	1,819	1,817	1,629	1,927
Amount (1,000 dollars)	72,499	36,029	7,598	32,886	48,635	46,883	38,005	34,272
FOREIGN "DOMESTIC BASIS"[3]								
Paid in foreign countries:								
Number (1,000)	667	655	601	938	1,063	1,034	1,004	752
Amount (1,000 dollars)	10,184	9,110	9,563	16,920	22,788	20,921	18,708	12,224
Paid in the United States:								
Number (1,000)	1,566	1,936	1,246	1,498	1,813	1,751	1,675	934
Amount (1,000 dollars)	17,766	18,386	17,916	15,118	19,911	17,935	16,097	8,454

[1] Domestic money orders first issued Nov. 1, 1864, under act of Congress approved May 17, 1864.
[2] Minus sign indicates excess of payments.
[3] Includes foreign countries on "domestic basis."
[4] International money orders first issued Sept. 1, 1869, under Postal Convention of Oct. 12, 1867.
[5] Included under "International" above.

Source of Tables 336 and 337: Annual Reports of the Postmaster General.

No. 338.—EXPENDITURES, UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

NOTE.—**All figures in thousands of dollars.** For *total* expenditures see Table 335. Data cover expenditures during the specified fiscal year, whether on account of that year or of previous years

Item	1910	1915	1920	1925	1929	1930	1931	1932
Service in post offices (total)	107,771	139,937	234,102	338,046	421,226	429,571	426,109	418,926
Salaries of postmasters	27,514	30,400	40,108	47,562	53,177	52,850	52,138	50,629
Salaries of clerks, etc	38,045	53,317	102,319	153,336	197,459	201,972	200,613	198,585
City delivery service	31,805	42,668	63,026	95,161	123,936	127,890	127,685	127,290
All other expenditures	10,405	13,552	28,649	41,987	46,654	46,860	45,763	42,422
Railway Mail Service	19,389	28,408	38,711	52,906	61,368	61,888	61,115	62,932
Rural Delivery Service	37,074	49,806	75,794	93,103	105,904	106,347	106,487	106,343
Transportation of domestic mail	01,940	76,914	99,520	142,141	172,957	176,984	173,309	168,181
By railroads	49,405	59,576	70,714	99,720	117,500	117,265	111,720	103,813
By other means	12,535	17,338	28,805	42,421	55,457	59,720	61,589	64,368
Transportation foreign mail	3,204	3,273	5,912	9,175	16,663	24,449	30,979	32,956
Payment account of invalid money orders	000	208	284	138	149	131	135	140
Post Office Department [1]	----------	----------	----------	3,712	4,077	4,298	4,201	4,207

[1] Paid out of the General Treasury prior to 1923.

No. 339.—TRANSPORTATION OF DOMESTIC MAILS

NOTE.—**Amounts, except as indicated, in thousands of dollars.** Since Nov. 1, 1916, all service on steam railroads is authorized and paid for under the space basis system; formerly, payments were based on a system of quadrennial weighings. Railway mail space units of service vary in size and character and may consist of a car, a section of a car, or a closed pouch carried on a car. Some cars are railway post offices, others are for storage only, over 20 classes of units being distinguished. The "equated unit" *represents a calculation of the equivalent of all the different units in terms of a 60-foot car.* Annual rate of expenditure (regular authorizations) represents estimated cost for transporting normal mail traffic over regular routes only, based on contracts outstanding at the end of each fiscal year. "Annual cost" includes emergency and side and transfer service. Average rates are based on "regular authorizations',

Class of service and item	Year ended June 30, or as of June 30 of year specified						
	1910	1915	1920	1925	1930	1931	1932
Steam railway service:							
Length of routes (miles)	220,730	233,676	232,358	230,470	220,416	216,291	211,809
Annual travel (thousand miles)—							
Regular space units	[1]426,923	[1]499,011	561,827	579,256	564,801	531,219	491,852
Prorated to 60-foot car basis	----------	----------	218,349	226,395	228,478	220,112	209,727
Annual expenditure—							
Regular authorizations	49,302	58,149	83,731	88,991	103,970	100,203	94,776
Annual cost	----------	----------	89,661	107,491	125,243	119,705	113,176
Average rate of cost—							
Per mile of length (dollars)	223.36	248.84	360.35	386.12	471.70	463.27	447.46
Per unit mile traveled (cents)	[1]11.55	[1]11.65	14.90	15.36	18.41	18.86	19.27
Per 60-foot car mile (cents)	----------	----------	38.34	39.31	45.70	45.53	45.27
Railway mail service—							
Number of employees	16,795	19,599	20,407	20,693	21,185	21,934	21,517
Expenditure for salary	19,047	21,205	35,644	48,913	56,577	55,804	57,842
Electric railway service:							
Number of routes	539	509	543	288	224	211	191
Length of routes (miles)	7,198	8,183	8,043	8,042	7,012	6,737	5,984
Annual travel of space units (thousand miles)	[1]11,630	[1]13,948	[1]11,752	10,487	9,829	8,776	8,052
Annual rate of expenditure	674	819	471	566	571	510	474
Average cost per unit mile traveled (cents)	[1]5.79	[1]5.87	[1]4.01	5.39	5.81	5.81	5.89
Power boat service:							
Number of routes	217	260	266	284	265	261	255
Length of routes (miles)	27,256	32,402	34,642	49,791	40,130	43,196	42,546
Annual travel (thousand miles)	4,826	5,685	3,992	5,298	4,806	4,793	4,496
Annual rate of expenditure	705	900	[2]773	1,492	1,401	1,474	1,413
Average cost per mile traveled (cents)	14.61	17.42	19.36	28.16	29.15	30.74	31.43
Air mail service: [3]							
Length of routes (miles)	----------	[4]218	3,094	2,665	14,907	23,488	26,745
Mileage scheduled (thousands)	----------	[4]18	654	2,160	16,228	22,907	34,500
Miles traveled with mail (thousands)	----------	[4]16	549	2,077	14,939	21,382	32,202
Mail carried [5] (thousand pounds)	----------	[4]18	527	233	7,720	8,579	8,846
Cost of service	----------	[4]14	1,264	2,744	14,618	16,944	19,938

[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 338 and 339: Annual Reports of the Postmaster General.

No. 340.—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. Data in all cases relate to contracts or organizations at June 30 and do not represent actual mileage traveled or expenditure during previous fiscal year. Star route service in Alaska is not included in the accompanying table, data for 1932 being as follows: Number of routes, 69; length, 10,085 miles; annual travel, 230,745 miles; annual rate of expenditure, $131,270

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					9,363	7,321
1885	178	4,358	[1] 4,330					12,371	5,415
1890	454	9,066	[1] 7,978					15,887	5,321
1895	604	12,714	12,145					20,733	5,754
1900	796	15,322	14,671	1,259	28,635		420	22,834	5,088
1905	1,144	21,778	20,923	32,110	721,237		20,865	17,199	7,342
1910	1,492	28,715	31,738	41,079	993,068	303,007	36,915	13,425	6,928
1915	1,808	32,902	39,829	43,866	1,067,674	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	11,209	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	345,066	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	44,700	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	377,046	104,117	10,991	12,955
1927	2,812	50,117	113,301	44,730	1,270,746	383,851	104,447	11,215	12,996
1928	2,899	51,293	117,490	44,288	1,289,613	390,054	105,008	11,472	13,541
1929	2,970	52,719	122,515	43,840	1,316,420	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

[1] Data represent audited expenditures; in 1880, 1885, and 1890 they include some incidental expense.

No. 341.—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 336

	1910	1915	1920	1925	1930	1931	1932
Transactions in stamped paper:							
Ordinary postage stamps issued (millions)	9,067	11,226	13,213	17,387	16,209	15,559	14,651
Stamped envelopes and wrappers issued (millions)	1,507	1,794	2,350	2,997	3,164	2,847	2,385
Postal cards issued (millions)	726	976	986	1,497	1,643	1,531	1,335
Pieces of mail carried [1] (millions)	14,850	----------	----------	25,835	27,888	26,544	24,307
Second-class matter carried:							
Free in county (1,000 pounds)	55,639	62,142	61,528	69,195	75,326	70,458	63,165
Paid at pound rates (1,000 pounds)	817,773	1,047,144	1,307,227	1,348,297	1,554,415	1,395,146	1,187,414
Foreign mails dispatched by sea:							
Letters (1,000 pounds)	[2] 3,142	3,401	4,608	5,640	7,103	6,825	5,504
Other articles (1,000 pounds)	[2] 17,832	22,848	66,725	66,229	83,377	76,997	63,459
Mail registered:							
Domestic, paid (1,000 pieces)	33,682	27,688	56,951	70,512	76,489	65,940	57,082
International, paid (1,000 pieces)	4,782	4,325	11,300	10,993	7,869	6,582	5,421
Official, free (1,000 pieces)	3,589	5,297	8,663	8,414	8,680	8,566	8,986
Registry fees (1,000 dollars)	3,594	3,201	6,825	8,850	12,807	11,006	9,503
Mail insured:							
Domestic, parcel post (1,000 pieces)	----------	18,012	95,385	152,078	126,421	111,345	92,605
International (1,000 pieces)	----------	----------	----------	603	649	576	470
Total fees paid (1,000 dollars)	----------	941	5,416	8,061	8,775	7,616	6,193
Mail sent C. O. D.:							
Total pieces sent (1,000)	----------	4,721	20,098	52,362	46,249	40,375	33,952
Total fees (1,000 dollars)	----------	472	2,070	5,562	5,825	5,055	4,227

[1] See note 4, Table 335.

[2] Excluding mails carried by domestic contract steamers, or steamers subsidized by foreign countries.

Source of Tables 340 and 341: Annual Reports of the Postmaster General.

No. 342.—POSTAL SERVICE: By States and Outlying Areas

Division and State	Number of post offices, June 30, 1932	Mileage of rural free-delivery routes, June 30, 1932	Gross postal receipts [1]					
			1920	1925	1929	1930	1931	1932
			In thousands of dollars for years ended June 30					
Grand total	46, 159	1, 358, 030	424, 525	584, 755	675, 929	686, 351	637, 350	567, 016
United States proper	47, 771	1, 357, 975	423, 463	583, 427	674, 261	684, 610	635, 670	565, 274
New England	2, 563	42, 786	32, 276	43, 498	50, 709	51, 375	48, 713	44, 895
Maine	796	12, 137	2, 866	3, 946	3, 866	3, 912	3, 852	3, 490
New Hampshire	372	6, 250	1, 504	2, 035	2, 271	2, 286	2, 186	2, 066
Vermont	381	8, 194	1, 220	1, 540	1, 701	1, 703	1, 651	1, 571
Massachusetts	631	8, 011	18, 913	25, 064	29, 414	29, 627	27, 822	25, 543
Rhode Island	87	1, 250	2, 029	2, 702	3, 278	3, 297	3, 116	2, 912
Connecticut	316	6, 944	5, 744	8, 211	10, 178	10, 550	10, 086	9, 313
Middle Atlantic	5, 620	113, 865	117, 897	161, 532	190, 406	194, 927	180, 932	163, 614
New York	2, 165	49, 056	74, 772	102, 514	122, 475	125, 072	115, 127	104, 267
New Jersey	659	8, 685	9, 512	14, 055	18, 974	19, 768	18, 974	17, 612
Pennsylvania	2, 796	56, 124	33, 613	44, 963	48, 957	50, 087	46, 831	41, 735
East North Central	6, 966	303, 071	107, 343	151, 924	174, 502	175, 743	158, 943	138, 394
Ohio	1, 501	68, 864	24, 800	35, 417	41, 035	42, 088	38, 536	33, 963
Indiana	1, 011	59, 263	9, 226	13, 774	15, 625	15, 613	14, 316	12, 775
Illinois	1, 587	72, 392	51, 357	70, 753	78, 610	78, 757	70, 233	59, 852
Michigan	1, 139	52, 961	13, 199	18, 978	24, 271	24, 133	21, 661	19, 061
Wisconsin	1, 028	49, 591	8, 761	13, 002	14, 961	15, 157	14, 202	12, 743
West North Central	7, 228	329, 695	53, 971	73, 365	79, 905	80, 641	75, 214	65, 407
Minnesota	1, 184	53, 651	10, 847	15, 836	17, 306	17, 514	16, 332	14, 481
Iowa	1, 211	63, 774	9, 392	11, 720	13, 024	13, 504	12, 604	10, 828
Missouri	1, 711	60, 708	18, 024	27, 230	29, 141	28, 988	26, 500	22, 781
North Dakota	667	29, 380	2, 062	2, 360	2, 756	2, 721	2, 595	2, 330
South Dakota	625	25, 003	2, 066	2, 530	2, 816	2, 750	2, 632	2, 233
Nebraska	815	37, 201	5, 504	6, 663	7, 188	7, 279	7, 006	6, 206
Kansas	1, 015	59, 978	5, 476	7, 017	7, 674	7, 785	7, 455	6, 548
South Atlantic	8, 388	189, 037	34, 415	46, 072	52, 224	52, 293	49, 630	44, 818
Delaware	83	3, 051	811	999	1, 211	1, 233	1, 154	1, 092
Maryland	650	11, 455	5, 292	7, 101	8, 658	8, 519	7, 865	7, 159
District of Columbia	1	210	3, 536	4, 771	5, 883	6, 047	5, 894	5, 577
Virginia	2, 099	20, 540	5, 621	7, 236	7, 901	7, 985	7, 540	7, 058
West Virginia	1, 812	11, 366	3, 154	4, 395	4, 645	4, 611	4, 321	3, 864
North Carolina	1, 367	40, 820	4, 138	5, 814	6, 504	6, 830	6, 540	6, 005
South Carolina	576	25, 761	2, 289	2, 530	2, 595	2, 174	1, 972	1, 736
Georgia	1, 017	53, 547	6, 395	7, 734	9, 047	9, 220	8, 835	7, 374
Florida	783	13, 287	3, 179	5, 492	5, 780	5, 674	5, 509	4, 953
East South Central	5, 453	141, 514	15, 546	20, 576	23, 500	23, 738	21, 453	18, 825
Kentucky	2, 652	26, 812	4, 392	6, 283	6, 827	6, 827	6, 286	5, 680
Tennessee	951	44, 351	5, 289	7, 107	8, 388	8, 546	7, 718	6, 732
Alabama	1, 027	37, 343	3, 418	4, 385	5, 084	5, 108	4, 558	3, 944
Mississippi	823	34, 008	2, 447	2, 801	3, 201	3, 255	2, 891	2, 460
West South Central	5, 326	156, 444	24, 678	30, 648	36, 490	37, 240	34, 670	29, 994
Arkansas	1, 251	25, 126	2, 928	3, 585	3, 841	3, 828	3, 375	2, 905
Louisiana	865	14, 127	4, 015	5, 055	5, 407	5, 486	5, 123	4, 611
Oklahoma	1, 023	43, 255	4, 730	5, 889	7, 018	7, 272	6, 725	5, 524
Texas	2, 187	73, 936	13, 005	16, 117	20, 224	20, 654	19, 447	16, 954
Mountain	3, 709	36, 105	12, 178	15, 004	16, 906	17, 276	16, 385	14, 453
Montana	814	6, 721	2, 016	2, 180	2, 507	2, 446	2, 299	2, 036
Idaho	478	6, 669	1, 397	1, 324	1, 494	1, 513	1, 459	1, 284
Wyoming	374	1, 210	712	953	1, 006	993	961	866
Colorado	705	15, 211	4, 398	5, 878	6, 516	6, 819	6, 447	5, 655
New Mexico	534	2, 792	679	900	1, 056	1, 089	1, 082	983
Arizona	301	1, 530	943	1, 137	1, 444	1, 532	1, 460	1, 276
Utah	338	1, 812	1, 647	2, 179	2, 367	2, 347	2, 149	1, 836
Nevada	165	160	386	453	516	537	528	517
Pacific	3, 193	45, 458	25, 158	40, 813	49, 616	51, 378	49, 725	44, 873
Washington	856	14, 838	5, 636	7, 494	8, 674	8, 719	8, 206	7, 262
Oregon	766	10, 084	3, 324	4, 809	5, 308	5, 436	5, 153	4, 561
California	1, 571	20, 536	16, 198	28, 509	35, 634	37, 223	36, 366	33, 050
Outlying offices	1, 388	55	[2] 1, 092	1, 328	1, 668	1, 740	1, 679	1, 741
Alaska	189		82	71	88	104	91	90
Guam	1		1	2	3	3	3	2
Hawaii	96	55	352	611	745	774	780	779
Puerto Rico	95		406	522	536	527	538	520
Samoa (Tutuila)	2		2	2	[3]	[3]	[3]	[3]
Virgin Islands	5		17	11	12	15	13	13
Philatelic agency				109	284	317	255	337

[1] Revenues from money-order business, postal savings, and certain miscellaneous items not included.
[2] Includes receipts from agencies in China, France, and Siberia.
[3] Less than $500.

Source: Annual Reports of the Postmaster General.

17.—TELEPHONE, TELEGRAPH, AND CABLE SYSTEMS

[Data cover public telephone systems and land (wire) and wireless commercial telegraph systems operated in continental United States and commercial cable systems operated by companies incorporated in United States]

No. 343.—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 and 1927

[All money figures in thousands of dollars]

	1902 [1]	1907	1912	1917	1922	1927
ALL SYSTEMS						
Number of systems and lines	9,136	22,971	32,233	53,234	57,253	60,148
Miles of wire (thousands)	4,900	12,999	20,248	28,827	37,266	63,836
Number of telephones (thousands)	2,371	6,119	8,730	11,717	14,347	18,523
Number of calls originating with systems reporting (millions)	[2]	[2]	[2]	21,846	24,648	31,614
Number of employees	[2]	[2]	[2]	262,629	312,015	375,272
Salaries and wages	[2]	[2]	[2]	175,670	352,926	486,597
Revenue, operating [3]	[2]	[2]	[2]	363,832	665,568	1,023,574
Investment in plant and equipment	[2]	[2]	[2]	1,492,329	2,205,183	3,648,875
SYSTEMS REPORTING ANNUAL INCOME OF $5,000 OR MORE, 1902–1917, AND THOSE REPORTING $10,000 OR MORE, 1922 AND 1927						
Number of systems and lines	4,151	1,636	1,916	2,200	1,323	1,368
Miles of wire, total (thousands)	4,850	11,922	19,019	27,298	35,503	62,277
Underground	[4]	[4]	9,165	14,849	21,440	39,893
Overhead	[4]	[4]	9,864	12,449	14,063	22,384
Exchange lines	[4]	[4]	16,336	23,723	30,907	54,281
Toll lines	[4]	[4]	2,683	3,575	4,596	7,996
Number of telephones (thousands)	2,315	4,907	7,327	9,954	12,295	16,713
Number of central offices	10,361	10,613	11,515	12,294	10,666	11,485
Number of private-branch exchanges	7,883	28,276	52,651	80,914	102,622	[5]
Number of calls originating with systems reporting (millions)	[5] 5,071	10,400	13,736	19,809	21,901	29,196
Local exchange	[5] 4,950	10,161	13,395	19,366	21,235	28,109
Long distance or toll	[6] 121	240	341	443	666	1,087
Number of employees	78,752	131,670	183,361	244,490	290,333	356,739
Salaries and wages	36,256	65,009	96,041	169,655	341,538	475,840
Operators (included above):						
Number	39,858	72,518	96,332	138,971	159,558	[4]
Male	2,525	2,457	1,972	1,679	932	[5]
Female	37,333	70,061	94,360	137,292	158,626	[4]
Wages	10,765	22,637	32,474	66,137	138,897	[5]
BELL SYSTEM (INCLUDED ABOVE)						
Miles of wire (thousands)	3,388	8,947	15,133	23,134	30,614	56,819
Number of telephones (thousands)	1,317	3,132	5,087	7,327	9,515	13,726
Number of originating calls (millions)	3,075	6,401	9,133	14,598	16,567	23,693
SYSTEMS REPORTING ANNUAL INCOME OF LESS THAN $5,000, 1902–1917, AND LESS THAN $10,000, 1922 AND 1927						
Miles of wire (thousands)	50	1,077	1,229	1,529	1,763	1,550
Number of telephones (thousands)	56	1,212	1,403	1,763	2,052	1,810
Number of originating calls (millions)	[4]	[4]	[4]	2,037	2,746	2,418

[1] Statistics for 1902 not strictly comparable with those for later years, except miles of wire and number of telephones.
[2] Not reported except for the larger systems and lines.
[3] Including assessments of mutual companies.
[4] Comparable data not available.
[5] Not called for on schedule.
[6] Number shown for all systems and lines.

Source: Bureau of the Census, Department of Commerce.

No. 344.—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, 1927	Number of originating calls (millions)	
	1922	1927	1902	1912	1922	1927		1922	1927
United States	37,285,958	63,836,182	2,871,044	8,729,592	14,347,395	18,522,767	155	24,648	31,614
New England	3,346,606	5,588,589	166,167	625,488	1,223,497	1,548,931	188	1,909	2,328
Maine	210,707	326,120	14,070	68,914	113,725	131,367	165	184	214
New Hampshire	134,326	211,448	9,949	40,017	68,874	83,066	183	104	117
Vermont	78,991	105,645	12,151	40,142	54,530	60,793	172	83	84
Massachusetts	1,908,091	3,165,833	96,512	329,992	687,700	867,888	203	1,100	1,334
Rhode Island	213,713	429,451	33,485	41,664	92,766	114,944	162	125	117
Connecticut	800,780	1,348,072		104,759	205,902	290,873	176	313	462
Middle Atlantic	10,818,580	19,992,689	483,054	1,782,145	3,249,710	4,598,211	183	4,826	6,908
New York	6,121,696	11,592,418	247,340	970,449	1,780,563	2,595,537	226	2,728	3,935
New Jersey	1,523,354	3,012,459	48,980	185,632	383,496	599,336	158	473	774
Pennsylvania	3,173,530	5,387,812	186,734	626,064	1,085,651	1,393,338	142	1,625	2,199
East North Central	8,763,146	15,223,410	740,059	2,378,257	3,693,101	4,589,751	185	6,077	7,588
Ohio	2,415,187	3,058,505	224,083	631,206	962,837	1,122,036	166	1,555	1,958
Indiana	1,058,314	1,558,005	136,561	354,550	508,726	552,249	175	959	1,061
Illinois	3,060,595	5,688,146	221,008	807,253	1,283,449	1,685,690	229	2,018	2,571
Michigan	1,390,945	2,967,217	95,415	335,074	508,140	711,315	156	856	1,140
Wisconsin	838,105	1,351,537	62,992	250,174	429,949	518,461	177	689	808
West North Central	4,487,007	6,044,901	399,855	1,621,523	2,315,996	2,594,081	196	4,083	4,577
Minnesota	1,147,278	1,422,716	63,192	272,359	424,777	487,611	180	804	931
Iowa	757,600	960,226	138,400	380,294	533,347	565,533	233	808	916
Missouri	1,247,503	1,988,764	103,155	494,150	550,980	657,946	187	1,046	1,269
North Dakota	124,879	140,923	6,762	51,241	77,586	86,198	134	110	129
South Dakota	108,414	154,001	10,387	65,858	101,555	107,641	154	159	171
Nebraska	514,374	606,425	36,766	201,689	273,500	295,274	210	520	524
Kansas	586,965	771,246	41,193	245,932	354,251	393,878	215	636	637
South Atlantic	2,448,857	4,244,852	146,765	531,402	937,324	1,262,222	79	1,818	2,426
Delaware	93,891	118,539	36,383	15,842	23,534	28,901	119	41	53
Maryland	540,089	936,353		84,801	153,790	197,135	123	237	294
District of Columbia	314,636	540,152		46,603	102,231	144,985	266	121	186
Virginia	376,003	615,286	25,762	76,652	155,490	183,698	72	267	382
West Virginia	226,739	349,899	22,801	80,251	116,081	146,677	80	203	279
North Carolina	199,594	392,455	17,036	65,152	116,129	160,507	55	274	379
South Carolina	126,284	171,678	10,753	35,239	54,078	64,616	35	125	146
Georgia	390,382	538,751	25,761	96,436	136,334	173,410	54	372	437
Florida	178,149	581,739	8,269	32,426	79,657	162,293	117	178	270
East South Central	1,248,559	2,001,125	112,351	337,292	521,120	644,270	69	1,274	1,537
Kentucky	467,781	722,120	46,949	130,751	201,545	222,735	87	429	485
Tennessee	399,932	642,096	36,392	104,353	171,413	220,559	88	479	559
Alabama	229,934	421,927	14,170	56,292	84,401	121,115	47	219	313
Mississippi	150,912	214,982	15,340	45,896	63,761	79,861	45	147	180
West South Central	2,148,788	3,619,876	114,939	543,102	872,157	1,149,357	98	1,963	2,649
Arkansas	219,398	318,868	16,928	68,303	99,490	118,178	61	216	239
Louisiana	256,372	560,262	17,543	40,602	87,354	137,610	71	260	385
Oklahoma	424,005	655,102	15,732	116,217	222,889	278,912	116	462	581
Texas	1,249,014	2,085,744	64,736	311,980	462,424	614,657	113	1,025	1,444
Mountain	927,662	1,198,550	48,067	226,652	385,780	456,198	117	636	780
Montana	120,726	135,536	5,451	35,537	55,115	59,238	108	75	81
Idaho	105,027	111,940	3,886	29,454	48,745	54,822	101	88	128
Wyoming	50,223	60,622	[1] 7,258	9,946	24,949	28,049	114	42	39
Colorado	412,816	559,873	24,533	90,397	150,652	183,250	169	247	313
New Mexico	37,428	48,765	2,510	10,346	18,342	21,580	55	33	35
Arizona	55,518	89,305	3,264	11,224	24,353	33,194	71	31	37
Utah	129,193	167,393	[2]	34,064	53,261	63,106	120	104	127
Nevada	16,732	25,116	1,165	5,684	10,313	12,959	168	16	20
Pacific	3,076,750	5,924,110	159,287	683,731	1,148,780	1,689,746	242	2,082	2,871
Washington	533,515	739,138	31,447	150,016	238,275	290,109	190	449	554
Oregon	308,342	490,820	21,190	99,713	146,847	185,171	207	277	331
California	2,174,893	4,694,152	106,650	434,002	763,658	1,205,466	268	1,336	1,986

[1] Includes Utah.

[2] Included with Wyoming.

Source: Bureau of the Census, Department of Commerce.

No. 345.—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
1805	339,500	309,502	675,415	1922	[3] 14,347,395	14,050,505	30,616,522
1900	1,355,900	855,911	1,961,801	1923	15,389,500	15,000,101	34,523,842
1905	4,126,900	2,530,924	5,779,918	1924	16,072,500	15,905,550	39,893,619
1910	7,635,400	5,882,719	11,642,212	1925	16,935,900	16,720,224	45,473,540
1915	10,523,500	9,172,495	18,505,545	1926	17,746,000	17,574,252	50,861,150
1916	11,241,400	9,893,610	19,850,315	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	20,098,059	76,248,265
1920	13,329,400	12,601,935	25,377,404	1931	19,690,000	19,596,000	79,239,000
1921	13,875,200	13,380,219	27,819,821	1932	17,547,000	17,461,000	80,491,000

[1] Partly estimated, except as indicated.
[2] Bell-owned and Bell-connecting (owned by other companies).
[3] From Bureau of the Census.

No. 346.—AMERICAN TELEPHONE & TELEGRAPH CO. AND ASSOCIATED OPERATING COMPANIES (BELL TELEPHONE SYSTEM): SUMMARY OF STATISTICS

	1910	1915	1920	1925	1930	1931	1932
	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	62,205	58,813
Toll messages, daily average	603	819	1,327	2,098	2,933	2,700	2,251
Central offices (number)	4,933	5,300	5,702	6,017	6,585	6,645	6,778
Miles of wire, total	11,642	18,506	25,377	45,474	76,248	79,239	80,491
Aerial wire	5,625	7,932	9,630	14,991	26,023	27,025	27,603
Underground wire	6,017	10,573	15,748	30,483	50,225	52,214	52,883
Exchange wire	9,678	16,052	21,604	39,841	62,867	64,703	65,224
Toll wire	1,964	2,453	3,773	5,633	13,381	14,536	15,267
Telephone stations, total	5,883	9,172	12,602	16,720	20,098	19,596	17,461
Bell-owned [1]	3,933	5,908	8,334	12,035	15,682	15,390	13,793
Bell-connecting (owned by other companies)	1,950	3,204	4,268	4,685	4,416	4,206	3,668
Employees (number)	120,311	156,294	231,316	293,095	324,343	294,766	266,357
	Income statement year ended Dec. 31 (in thousands of dollars) [2]						
Gross revenues	165,613	239,910	461,135	761,219	1,151,566	1,112,325	974,071
Expenses	114,618	173,728	381,626	578,776	883,692	854,226	779,600
Net revenue	50,994	66,182	79,509	182,443	267,874	258,099	194,471
Interest	11,557	18,096	31,724	45,940	66,228	64,720	55,135
Net income	39,438	48,086	47,785	136,503	201,646	193,379	139,336
Dividends	25,161	32,897	40,000	93,243	156,625	180,904	185,032
Balance	14,277	15,189	7,785	43,260	45,021	12,475	[3] *45,696*
	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	4,195,064	4,188,749
Capital stock [4]	344,645	440,711	511,493	1,144,619	2,155,053	2,172,897	2,111,114
Funded debt	224,792	353,236	585,794	890,337	1,115,592	1,054,825	1,043,908

[1] Includes private line stations.
[2] All duplications between companies excluded.
[3] Deficit.
[4] Includes capital stock installments.

Source of Tables 345 and 346: American Telephone & Telegraph Co.

No. 347.—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 the amount of annual operating revenues was as follows: Class A, over $250,000; Class B, $50,000 to $250,000; Class C, $10,000 to $50,000. Class B now includes companies with revenues from $100,000 to $250,000 and Class C those with revenues from $50,000 to $100,000. The smaller companies, Class D, 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	Investment: All other
			Thousands of dollars					
All companies:								
1916	23,699	8,963	314,801	209,233	(1)	(1)	1,217,756	(1)
1920	29,040	------	630,349	(1)	(1)	88,024	1,704,804	1,122,289
1925	49,773	13,875	818,218	556,993	257,231	193,599	2,790,056	1,633,124
1926	56,021	14,812	907,564	608,150	294,925	219,508	3,101,797	1,744,637
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	3,606,739	2,030,651
1929	75,729	17,697	1,172,863	791,612	375,018	284,908	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	86,070	17,573	1,179,660	795,376	376,431	279,188	4,619,076	2,830,718
Class A companies:								
1925	48,487	13,037	792,428	539,072	248,476	186,777	2,674,926	1,631,335
1930	81,517	17,128	1,183,503	813,734	360,674	269,717	4,312,385	2,652,428
1931	85,545	16,923	1,156,980	779,874	368,194	272,665	4,497,373	2,821,684
1932	(1)	15,142	1,031,430	702,576	315,574	224,252	(1)	(1)
Class B companies: 1931	751	414	14,950	9,949	4,981	3,790	67,181	7,288
Class C companies: 1931	374	236	7,730	5,553	3,256	2,733	54,522	1,766

[1] Data not available.

Source: Interstate Commerce Commission.

No. 348.—WIRELESS TELEGRAPH SYSTEMS: SUMMARY OF STATISTICS

NOTE.—1917 omitted owing to war conditions

	1907	1912	1922	1927
Number of companies or systems	5	4	4	5
Number of messages	154,617	[1] 285,091	2,365,109	3,777,528
Number of tower stations	117	74	37	55
Income, total	$106,791	$669,158	[2] $8,111,102	[2] $24,829,340
Expenses, total	$160,329	$664,420	$5,111,574	$12,866,636
General operation and maintenance	$117,480	$588,712	$3,534,474	$5,116,264
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 miscl. investments			$1,225,169	$17,711,483
Cash and current assets	$32,106,456	$9,171,427	[3] $4,427,830	$19,312,823
Materials and supplies			$5,883,877	$6,831,530
Sundries			$241,219	$1,387,342
Deficit	$444,827			$152,430
Liabilities, total	$32,958,897	$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			$525,000	
Floating debt	$282,655	$287,866	$659,280	$320,961
Accounts payable			$3,254,556	$11,436,628
Reserves (depreciation and other)			$4,040,280	$17,206,630
Sundries		$313,777	$1,172,599	$5,746,973
Surplus		$172,984	$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. 349.—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	165,331	82.81	21,767	16,806	10,750
1927	2,207	379,514	27,434	170,843	80.58	25,714	21,040	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
Western Union Co.: 1931	1,913	323,559	19,042	108,737	84.75	12,749	5,975	7,838
Mackay companies: 1931	380	81,845	2,412	26,018	103.55	[2] *1,663*	[2] *3,725*	[3] 15,000

[1] Data not available. [2] Deficit.
[3] Represents dividend on common stock of Postal Telegraph-Cable Co. (Minnesota).

Source: Interstate Commerce Commission.

No. 350.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS COMBINED: Financial Statistics

[All figures in thousands of dollars]

	1902	1912	1917	1922	1927
INCOME ACCOUNT					
Income, total	40,930	64,763	109,703	151,858	182,999
Telegraph traffic	35,301	60,403	106,990	146,805	177,589
From other sources	5,629	4,360	2,713	5,053	5,409
Expenses, total	30,948	58,379	91,871	127,991	159,153
Operation and maintenance	24,456	[1] 46,780	[1] 74,935	[1] 113,140	[1] 141,987
Interest and taxes	2,539	3,955	7,982	10,195	11,838
All other	3,953	7,644	[2] 8,954	[2] 4,656	[2] 5,328
Net income[3]	9,982	6,384	17,832	23,867	23,845
Dividends	6,257	6,180	9,817	10,716	14,199
BALANCE SHEET					
Assets	195,504	298,289	363,017	459,469	572,939
Plant and equipment	161,680	222,047	243,358	326,662	426,699
Securities and investments	25,940	33,934	56,035	78,839	52,270
Cash and current assets	7,884	[4] 42,308	[4] 63,624	[4] 53,969	[4] 93,970
Liabilities	195,504	298,289	363,017	459,469	572,939
Capital stock	117,053	163,648	167,260	177,204	180,095
Funded debt	45,893	62,741	61,828	71,394	97,037
Reserve	7,860	20,804	53,663	90,222	118,031
Other liabilities	6,619	35,248	45,484	50,133	64,557
Net surplus	18,079	15,850	34,782	70,517	113,219

[1] Includes charges for depreciation.
[2] Includes payment for use of leased lines.
[3] Total income less all expenses, including depreciation; for 1917, 1922, and 1927, does not include charges for sinking and other reserve funds.
[4] Includes sinking funds and stock and bond discount.

Source: Bureau of the Census, Department of Commerce.

No. 351.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS: FINANCIAL STATISTICS

NOTE.—Western Union figures, which constitute the largest item of the totals, do not segregate land telegraph from ocean-cable business and are shown as totals under land telegraphs. Consequently, data in these columns overstate and those under ocean cables understate the true amounts

[All figures in thousands of dollars]

	Land systems				Ocean systems			
	1912	1917	1922	1927	1912	1917	1922	1927
INCOME ACCOUNT								
Income, total	56,293	92,954	130,539	162,860	8,470	16,749	21,319	20,137
Telegraph traffic	52,337	91,313	126,631	159,682	8,066	15,677	18,174	17,907
From other sources	3,956	1,642	1,908	3,178	404	1,072	3,145	2,230
Expenses	52,863	80,829	114,864	146,771	5,516	11,042	13,127	12,382
Net income	[1] 3,431	[1] 12,125	[1] 15,675	[1] 16,089	2,953	5,707	8,193	7,755
BALANCE SHEET								
Assets	190,706	226,407	321,913	412,720	107,583	136,610	137,557	160,219
Plant and equipment	[2] 143,911	[2] 163,488	254,030	338,143	[3] 78,136	[3] 79,871	72,632	88,556
Securities and investments	17,123	29,565	31,875	12,567	16,811	26,470	46,964	39,704
Cash and current assets	[4] 29,672	[4] 33,355	[4] 36,008	[4] 62,010	[5] 12,636	[5] 30,269	[5] 17,961	[5] 31,959
Liabilities	190,706	226,407	321,913	412,720	107,583	136,610	137,556	160,219
Capital stock	108,156	106,360	104,466	104,472	55,490	60,900	72,738	75,623
Funded debt	[6] 34,741	[6] 33,828	67,394	92,872	[7] 28,000	[7] 28,000	4,000	4,165
Reserves	5,255	20,527	40,773	64,607	15,549	33,030	43,449	53,424
Other liabilities	33,201	37,024	40,430	57,983	2,047	8,460	9,702	6,574
Net surplus	9,353	28,568	62,849	92,786	6,497	6,214	7,668	20,433

[1] Total income less all expenses, including depreciation; for 1917, 1922, and 1927 does not include charges for sinking and other reserve funds.

[2] Not including land-line-system plant and equipment to the value of $20,000,000 reported as cable-system plant and equipment for 1912 and 1917. (In statistics for preceding censuses an item of $20,000,000 funded debt, offset by the same amount for plant and equipment, was carried against ocean-cable telegraphs. This debt being really a land-line-system debt, is eliminated from the figures for ocean-cable system in 1922 and 1927.)

[3] Includes land-line-system plant and equipment to the value of $20,000,000 (see note 2).

[4] Includes sinking funds and stock and bond discount.

[5] Includes sinking and other special funds.

[6] Not including land-line-system funded debt to the amount of $20,000,000 reported as cable-system indebtedness in 1912 and 1917 (see note 2).

[7] Includes land-line-system indebtedness to the amount of $20,000,000 (see note 2).

No. 352.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS COMBINED: EQUIPMENT, TRAFFIC, EMPLOYEES, SALARIES, AND WAGES

	1902	1912	1917	1922	1927
Miles of pole line [1]	237,900	247,528	241,128	252,991	256,809
Miles of single wire [1]	1,318,350	1,814,196	1,890,245	1,853,250	2,146,470
Aerial	[2]	[2]	1,809,482	1,718,251	1,940,069
Underground	[2]	[2]	77,187	131,448	200,811
Submarine	[2]	[2]	3,576	3,551	5,590
Nautical miles of ocean cable	16,677	67,676	71,251	76,711	105,803
Number of offices	27,377	30,864	28,940	27,354	27,666
Operated jointly with railway companies	[2]	26,247	23,272	21,906	21,449
Telegrams, thousands	91,655	109,378	[4] 127,074	191,121	229,562
Governmental	[2]	[2]	4,597	3,199	2,732
Full commercial rate	[2]	[2]	110,618	175,847	214,164
Contract rate and free	[2]	[2]	11,858	12,075	12,686
Number of employees	27,627	37,295	51,574	68,032	81,498
Salaries and wages ($1,000)	15,040	24,965	39,644	76,162	99,520

[1] Exclusive of pole line owned and operated wholly by railway companies.

[2] Exclusive of wire owned and operated wholly by railway companies, as follows: Reported by all railway companies, 1912, 314,329 miles; reported by railway companies having annual operating revenues of $1,000,000 or more, 1917, 344,110 miles; 1922, 285,002 miles; 1927, 333,898 miles. No data for 1902.

[3] Figures not available.

[4] In addition, 31,102,577 lettergrams, not distributed according to rate, were reported by land systems.

Source of Tables 351 and 352: Bureau of the Census, Department of Commerce.

No. 353.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS: EQUIPMENT, TRAFFIC, EMPLOYEES, SALARIES AND WAGES

NOTE.—The land business and the ocean business of the Western Union Telegraph Co. are not segregated in this table for 1912 and are shown as totals under land systems. The total (estimated) number of messages in 1912 was 103,530,418 on land systems and 5,841,280 on ocean systems.

	Land systems				Ocean systems			
	1912	1917	1922	1927	1912	1917	1922	1927
Miles of pole line [1]	247,528	241,012	252,991	254,720	----	116	----	2,089
Miles of single wire [2]	1,814,196	1,888,793	1,845,237	2,143,334	(3)	1,452	3,013	3,136
Aerial	(3)	1,808,325	1,714,211	1,938,833	(3)	1,157	4,040	1,236
Underground	(3)	76,892	127,475	198,911	(3)	295	3,973	1,960
Submarine	(3)	3,576	3,551	5,590	----	----	----	----
Nautical miles of ocean cable	----	----	----	----	67,676	71,251	76,711	105,893
Number of offices	30,781	28,826	27,214	27,560	83	114	140	166
Operated jointly with railway companies	26,247	23,272	21,906	21,449	----	----	----	----
Telegrams, thousands	106,533	[4] 120,623	181,519	215,595	2,845	6,451	9,603	13,987
Governmental	(3)	4,309	3,130	2,557	(3)	288	69	75
Full commercial rate	(3)	106,159	166,730	200,381	(3)	4,459	9,117	13,783
Contract rate and free	(3)	10,154	11,659	12,557	(3)	1,704	417	129
Number of employees	35,639	47,227	62,299	77,235	1,656	4,347	6,333	4,263
Salaries and wages ($1,000)	23,798	36,392	68,737	93,413	1,167	3,252	7,425	6,108

[1] Exclusive of pole line owned and operated wholly by railway companies.
[2] Exclusive of wire owned and operated wholly by railway companies, as follows: Reported by all railway companies, 1912, 314,329 miles; reported by railway companies having annual operating revenues of $1,000,000 or more, 1917, 344,110 miles; 1922, 285,002 miles; 1927, 333,898 miles.
[3] Figures not available.
[4] In addition, 31,102,577 lettergrams, not distributed according to rate, were reported.

No. 354.—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	238,534	9,077	12,782,895	6,948,957	5,833,938
1885	147,500	462,283	14,184	17,706,834	12,005,910	5,700,924
1890	183,917	678,997	19,382	22,387,029	15,074,304	7,312,725
1895	189,714	802,651	21,360	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
1916	237,664	1,627,342	25,234	63,621,601	[2] 49,894,346	13,727,255
1917	228,766	1,626,963	25,466	78,480,223	62,783,006	15,697,217
1918	[3] 247,303	1,382,547	25,452	[4] 88,093,247	[4] 76,713,028	[4] 11,380,219
1919	245,560	1,433,978	25,159	[4] 104,082,147	[4] 90,312,033	[4] 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	251,750	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	[5] *830,605*

[1] Prior to 1919 data represent net income before bond interest.
[2] Includes special payment to employees, $1,166,424.
[3] Figures readjusted.
[4] Corporate and Federal.
[5] Deficit.

Sources: Table 353, Bureau of the Census, Department of Commerce; Table 354, Western Union Telegraph Co.

18.—POWER—ELECTRIC AND OTHER

Data in this section relate to continental United States]

No. 355.—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	1,863	2,848	153	[3] 24	-------	(1)	3,110	119	2.2
1886–1890	1,195	2,474	3,669	198	[3] 264	-------	(1)	4,221	161	2.7
1891–1895	1,453	3,286	4,739	307	[3] 166	-------	104	5,316	203	3.0
1896–1900	1,513	4,493	6,006	357	[3] 198	-------	129	6,690	255	3.5
1901–1905	1,818	7,140	8,958	612	323	-------	209	10,102	386	4.8
1906–1910	2,207	9,783	11,990	1,037	470	1	369	13,867	529	5.9
1911–1915	2,427	11,527	13,954	1,486	619	72	591	16,722	638	6.6
1916–1920	2,523	13,981	16,504	2,176	820	297	851	20,648	788	7.6
1921–1925	2,112	12,610	14,722	3,888	1,024	569	1,105	21,308	813	7.3
1926–1930	2,084	13,595	15,679	5,375	1,760	408	1,781	25,002	954	8.0
1926	2,297	15,022	17,319	4,625	1,411	362	1,492	25,209	962	8.3
1927	2,170	13,565	15,744	5,407	1,553	350	1,687	24,741	944	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	6,944	2,062	474	1,929	26,534	1,013	8.3
1930	1,887	12,249	14,136	5,368	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

[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.

No. 356.—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 3,900 in 1932, 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 per cent 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	17,573	-------	-------	-------	-------	-------	-------	-------	7,070
1917	32,679	-------	-------	-------	-------	-------	-------	-------	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	14,399
1921	40,975	14,970	26,005	31,585	12,045	23,722	35,240	2.7	15,483
1922	47,654	17,207	30,447	34,179	13,197	27,172	38,000	2.5	15,971
1923	55,665	19,343	36,322	38,966	14,684	31,433	43,522	2.4	17,369
1924	59,014	19,969	39,044	37,556	16,630	48,443	43,130	2.2	19,519
1925	65,870	22,356	43,514	40,222	10,246	46,521	44,780	2.1	23,619
1926	73,791	26,189	47,602	41,311	9,399	53,207	45,856	1.95	25,398
1927	80,205	29,875	50,330	41,888	6,782	62,919	45,910	1.84	27,691
1928	87,850	34,696	53,154	41,350	7,158	77,326	46,387	1.76	29,630
1929	97,352	34,629	62,723	44,987	10,124	112,707	52,574	1.69	31,952
1930	95,936	33,021	62,915	42,898	9,260	120,230	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	90,600	1.50	36,961

[1] Of 2,000 pounds. [2] Of 42 gallons. [3] Partly estimated.

Sources: Table 355, Bureau of Mines, Department of Commerce; Table 356, 1902 to 1917, Bureau of the Census, Department of Commerce; thereafter, Geological Survey, Department of the Interior.

No. 357.—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, 1932
	Total						Generated by water power		Generated by fuel power		
	1920	1925	1929	1930	1931	1932	1931	1932	1931	1932	
United States	48,555	65,870	97,352	95,936	91,729	83,153	30,603	34,098	61,126	49,055	36,061
New England	3,407	4,824	6,609	6,400	6,389	5,724	2,507	2,851	3,882	2,873	2,941
Maine	352	500	720	731	842	770	810	764	32	6	262
New Hampshire	97	264	310	367	593	700	511	658	82	43	286
Vermont	200	268	464	480	464	521	464	521	(1)	(1)	179
Massachusetts	1,740	2,378	3,026	2,908	2,738	2,441	495	623	2,243	1,818	1,348
Rhode Island	334	408	653	547	436	251	3	4	433	247	243
Connecticut	684	1,007	1,436	1,367	1,315	1,040	223	281	1,092	760	624
Middle Atlantic	12,349	18,299	24,784	25,136	24,403	22,890	5,835	8,578	18,468	16,113	9,177
New York	6,939	10,267	14,465	14,404	13,839	13,243	5,254	5,380	8,585	7,863	5,405
New Jersey	1,096	1,506	2,165	2,857	3,310	3,060	21	28	3,288	3,037	1,077
Pennsylvania	4,314	6,526	8,155	7,875	7,255	6,388	559	1,175	6,595	5,213	2,695
East North Central	9,958	15,715	23,333	22,165	20,639	18,168	1,995	2,207	18,644	15,962	8,239
Ohio	2,930	4,387	6,417	5,942	5,560	4,960	24	28	5,536	4,932	2,151
Indiana	933	1,484	2,576	2,943	2,879	2,502	80	125	2,799	2,377	1,036
Illinois	3,043	5,269	7,369	6,851	6,333	5,452	249	242	6,084	5,210	2,559
Michigan	2,093	3,031	4,695	4,270	3,885	3,418	866	1,020	3,019	2,398	1,632
Wisconsin	960	1,542	2,276	2,159	1,983	1,836	777	792	1,206	1,044	860
West North Central	3,179	4,254	5,675	5,982	5,883	5,534	1,347	1,605	4,537	3,929	2,653
Minnesota	703	1,046	1,202	1,311	1,304	1,152	500	481	804	671	579
Iowa	1,017	1,195	1,499	1,574	1,499	1,527	632	762	867	765	591
Missouri	698	866	1,221	1,266	1,314	1,210	140	287	1,174	923	712
North Dakota	28	39	105	125	137	137	-------	-------	137	137	67
South Dakota	48	75	108	114	102	88	9	12	93	76	66
Nebraska	247	366	533	575	595	551	37	37	558	514	242
Kansas	438	667	1,007	1,014	932	870	29	26	903	844	396
South Atlantic	3,980	6,272	11,902	10,895	10,197	9,398	4,845	5,562	5,352	3,836	4,315
Delaware	76	102	53	18	5	6	-------	-------	5	6	9
Maryland	283	573	2,011	1,869	1,704	1,691	894	1,288	810	403	618
District of Columbia	255	360	505	548	580	607	11	11	568	596	229
Virginia	521	802	1,297	1,231	1,127	1,026	238	339	889	688	456
West Virginia	1,128	1,643	2,220	2,103	1,919	1,540	165	146	1,754	1,394	562
North Carolina	260	942	2,552	2,298	2,000	1,617	1,663	1,551	337	66	994
South Carolina	730	882	1,457	1,202	1,372	1,323	1,159	1,284	213	39	653
Georgia	595	661	1,136	937	838	980	681	900	157	80	427
Florida	133	318	670	688	652	607	34	42	618	565	367
East South Central	1,464	2,610	3,823	3,882	3,908	3,556	3,105	2,979	802	577	1,718
Kentucky	276	475	715	719	752	682	410	392	341	290	345
Tennessee	573	875	1,021	1,037	1,123	1,039	834	833	289	207	426
Alabama	550	1,169	1,830	2,065	1,980	1,784	1,861	1,754	119	29	885
Mississippi	66	91	57	62	53	51	-------	-------	53	51	63
West South Central	1,230	2,202	4,396	5,055	4,499	4,148	77	156	4,423	3,993	1,715
Arkansas	119	189	128	108	105	149	37	107	68	41	160
Louisiana	219	350	990	1,967	1,085	1,085	-------	-------	1,085	1,085	267
Oklahoma	214	394	977	958	783	706	3	3	780	703	336
Texas	679	1,268	2,301	2,922	2,527	2,208	36	46	2,490	2,163	952
Mountain	2,581	3,127	3,967	3,699	3,265	2,830	2,430	1,925	835	605	1,189
Montana	1,126	1,263	1,614	1,320	966	635	947	618	19	17	310
Idaho	591	754	894	912	796	585	794	584	2	1	227
Wyoming	47	56	99	98	95	85	36	29	59	56	44
Colorado	397	523	564	573	529	478	190	186	339	292	228
New Mexico	15	22	67	76	180	158	2	2	178	156	86
Arizona	159	131	283	384	404	281	274	210	130	70	143
Utah	212	340	402	293	276	275	171	265	105	10	142
Nevada	34	40	44	43	19	33	16	30	3	3	10
Pacific	5,408	8,569	12,563	12,723	12,545	11,404	8,383	10,237	4,182	1,167	4,114
Washington	1,197	1,623	2,552	2,255	2,572	2,487	2,488	2,432	84	55	917
Oregon	476	730	1,161	1,219	1,177	969	754	881	423	88	338
California	3,736	6,216	8,850	8,948	8,796	7,949	5,122	6,924	3,675	1,024	2,859

[1] Less than 500,000 kilowatt-hours.

Source: Geological Survey, Department of the Interior.

No. 358.—CENTRAL ELECTRIC STATIONS: STATISTICS OF COMMERCIAL

[See headnote

Division and State	Horsepower of prime movers (thousands)				Millions of kilowatt-hours generated			
	Total		Steam engines and turbines and internal-combustion engines, 1927	Water wheels and turbines, 1927	1907	1912	1917	1922
	1922	1927						
Continental United States	18,851	35,710	25,866	9,844	5,862	11,569	25,438	40,292
New England	1,960	3,009	2,250	759	474	985	1,838	2,970
Maine	123	252	50	202	66	117	166	278
New Hampshire	72	157	61	96	55	127	160	95
Vermont	139	204	20	184	30	43	65	218
Massachusetts	1,005	1,529	1,340	189	219	386	937	1,493
Rhode Island	222	264	262	2	36	62	162	342
Connecticut	354	603	517	86	67	131	346	544
Middle Atlantic	5,080	8,615	6,907	1,708	2,009	3,549	7,659	10,766
New York	2,684	4,212	2,788	1,424	1,452	2,175	3,829	5,431
New Jersey	475	1,004	997	7	141	384	781	1,058
Pennsylvania	1,901	3,399	3,122	277	417	990	3,049	4,277
East North Central	4,588	8,666	7,866	802	1,076	2,528	5,757	9,368
Ohio	1,212	2,354	2,331	23	217	399	1,084	2,404
Indiana	451	870	822	48	130	237	441	795
Illinois	1,405	2,904	2,838	66	468	1,161	2,210	3,090
Michigan	945	1,619	1,263	356	208	526	1,504	2,103
Wisconsin	575	921	612	309	53	215	518	976
West North Central	1,610	2,671	2,227	444	386	713	1,776	2,969
Minnesota	312	516	342	174	88	186	441	589
Iowa	331	649	443	206	38	67	615	859
Missouri	429	648	626	22	147	233	266	701
North Dakota	43	50	56	----------	8	12	23	40
South Dakota	53	70	63	7	14	25	32	62
Nebraska	155	250	229	21	32	56	130	246
Kansas	286	482	468	14	60	133	270	473
South Atlantic	1,910	4,304	2,695	1,609	266	730	1,745	3,789
Delaware	430	695	669	26	78	118	326	622
Maryland								
Dist. of Columbia								
Virginia	163	502	404	98	10	29	108	319
West Virginia	393	755	670	85	25	42	204	1,199
North Carolina	231	773	301	472	13	71	372	404
South Carolina	449	700	164	536	69	357	500	844
Georgia	149	609	136	473	59	88	184	268
Florida	95	360	351	9	12	26	51	131
East South Central	717	1,447	779	668	119	228	1,049	1,420
Kentucky	135	395	257	138	37	76	123	232
Tennessee	204	456	283	173	35	76	565	493
Alabama	320	608	151	357	31	49	331	634
Mississippi	59	88	88	----------	16	28	30	62
West South Central	626	1,568	1,532	31	139	234	483	1,041
Arkansas	57	131	117	14	12	18	39	84
Louisiana	44	277	277	----------	26	18	26	52
Oklahoma	162	300	298	2	25	49	101	243
Texas	362	855	840	15	76	149	317	662
Mountain	1,005	1,406	386	1,020	381	845	2,036	2,209
Montana	356	378	15	363	137	379	965	988
Idaho	209	307	4	303	10	116	145	531
Wyoming	41	48	44	4	5	12	27	39
Colorado	153	269	190	79	123	165	274	290
New Mexico	20	33	32	1	5	9	17	22
Arizona	82	153	48	105	9	33	66	147
Utah	129	199	50	149	62	87	487	146
Nevada	16	19	3	16	30	45	54	45
Pacific	2,355	3,937	1,224	2,713	1,012	1,378	3,097	5,759
Washington	512	848	149	699	258	71	242	1,144
Oregon	107	308	139	169	93	59	108	267
California	1,735	2,781	936	1,845	662	1,747	2,747	4,348

[1] Less than 500,000 kilowatt-hours.

AND MUNICIPAL PLANTS WITH CURRENT GENERATED AND SOLD, BY STATES

to Table 359]

Millions of kilowatt-hours generated—Continued			Millions of kilowatt hours sold, 1927—		Income (in thousands of dollars), 1927—		Division and State
1927	Commercial stations, 1927	Municipal stations, 1927	To ultimate consumers	For resale	From sale of electric current to ultimate consumers	From electric current sold for resale	
74,686	71,307	3,379	63,612	15,399	1,667,045	135,610	**Continental United States.**
4,750	4,660	90	3,956	1,868	138,141	18,653	**New England.**
561	557	4	473	41	9,819	420	Maine.
226	225	1	151	27	6,697	298	New Hampshire.
339	322	17	127	105	4,897	1,667	Vermont.
2,245	2,182	63	2,019	988	75,943	10,678	Massachusetts.
411	411		378	376	12,451	3,355	Rhode Island.
968	963	5	808	241	28,334	2,335	Connecticut.
19,282	19,158	124	17,869	3,419	475,197	24,704	**Middle Atlantic.**
9,918	9,840	78	9,378	1,678	242,482	10,794	New York.
1,862	1,852	10	1,688	52	68,507	557	New Jersey.
7,502	7,466	36	6,803	1,689	164,208	13,353	Pennsylvania.
18,212	17,329	883	15,257	3,840	403,177	32,408	**East North Central.**
4,724	4,429	295	4,224	698	111,878	6,856	Ohio.
1,746	1,590	156	1,522	411	45,288	4,014	Indiana.
6,075	5,876	199	4,932	1,938	128,474	14,147	Illinois.
3,774	3,597	177	3,225	251	79,040	2,624	Michigan.
1,893	1,837	56	1,354	542	38,497	4,767	Wisconsin.
4,549	4,134	415	4,061	553	140,750	9,534	**West North Central.**
843	784	59	924	96	31,045	1,643	Minnesota.
1,429	1,375	54	685	180	26,521	2,990	Iowa.
891	839	52	1,452	120	41,978	1,547	Missouri.
60	56	4	48	5	3,799	223	North Dakota.
90	75	15	67	12	4,797	402	South Dakota.
405	340	65	301	70	12,627	1,434	Nebraska.
831	665	166	584	70	19,983	1,295	Kansas.
8,445	8,187	258	7,015	1,961	153,834	15,889	**South Atlantic.**
1,102	1,085	17	1,236	83	31,615	1,168	Delaware. Maryland. Dist. of Columbia.
974	933	41	687	15	17,120	101	Virginia.
1,903	1,902	1	970	1,163	21,481	6,818	West Virginia.
2,036	1,997	39	1,908	369	27,313	4,112	North Carolina.
1,116	1,112	4	799	165	13,032	1,510	South Carolina.
746	733	13	980	141	20,466	1,563	Georgia.
568	425	143	435	25	22,807	537	Florida.
2,777	2,706	71	2,455	1,243	59,820	9,204	**East South Central.**
505	487	18	548	171	17,686	1,887	Kentucky.
937	914	23	748	271	18,284	2,257	Tennessee.
1,270	1,264	6	1,039	797	17,790	5,013	Alabama.
65	41	24	120	4	6,060	47	Mississippi.
3,275	3,123	152	2,703	562	89,947	5,890	**West South Central.**
174	161	13	186	36	8,421	403	Arkansas.
635	598	37	447	143	14,412	1,237	Louisiana.
654	605	49	597	72	20,692	1,071	Oklahoma.
1,812	1,759	53	1,473	311	46,422	3,179	Texas.
3,390	3,329	61	2,857	121	51,159	1,688	**Mountain.**
1,399	1,399	(1)	1,197	11	16,595	112	Montana.
713	704	9	264	21	5,405	141	Idaho.
67	65	2	49	7	2,533	211	Wyoming.
500	466	34	397	17	13,942	326	Colorado.
33	32	1	26	2	1,913	38	New Mexico.
280	279	1	202	46	5,273	539	Arizona.
341	327	14	658	10	9,832	155	Utah.
57	57	(1)	64	7	1,666	64	Nevada.
10,006	8,681	1,325	7,439	1,832	155,020	17,762	**Pacific.**
2,105	1,639	466	1,620	179	25,498	1,394	Washington.
840	810	30	658	48	13,898	354	Oregon.
7,061	6,232	829	5,161	1,605	115,624	16,014	California.

Source: Bureau of the Census, Department of Commerce.

No. 359.—CENTRAL ELECTRIC STATIONS: EQUIPMENT, EMPLOYEES, OUTPUT AND SALES

NOTE.—A central electric station is one selling current to public or private consumers, or a municipal plant supplying current for streets, public buildings, etc. Isolated or private plants operated solely for the benefit of the owner in connection with factories, mines, stores, hotels, institutions, etc., which in the aggregate produce great quantities of current, are not included. The business of electric street railways is shown only so far as that portion of their business relating to the sale of current can be segregated. Electric plants operated by the Federal or State Governments are excluded even when they sell current to private consumers. One central electric station often sells current to another, so that there is considerable duplication in total sales. Net sales are considerably less than current generated because of wire losses, self consumption, etc.

	All central electric stations					
	1902	1907	1912	1917	1922	1927
Number of stations [1]	3,620	4,714	5,221	6,542	6,355	4,335
Prime movers, horsepower—thousands	1,845	4,098	7,530	12,937	19,851	35,710
Steam engines	1,394	1,876	1,895	1,702	1,371	994
Steam turbines		817	3,054	6,747	12,355	24,323
Water wheels and turbines	439	1,349	2,469	4,277	5,822	9,844
Internal-combustion engines	12	56	111	210	303	548
Dynamos:						
Number	12,484	12,173	12,610	13,428	12,701	11,967
Kilowatt capacity—thousands	1,212	2,709	5,165	8,994	14,313	25,811
Output—millions of kilowatt hours			14,183	31,044	50,274	96,829
Generated	2,507	5,862	11,569	25,438	40,292	74,687
Purchased	(2)	(2)	2,614	5,606	9,983	22,142
Sold	(2)	(2)	(2)	25,752	41,965	79,011
To ultimate consumers	(2)	(2)	(2)	(2)	32,948	63,612
For resale	(2)	(2)	(2)	(2)	9,017	15,399
Number of customers—thousands	(2)	1,947	3,838	7,179	12,710	21,786
Salaried employees—number	6,996	12,990	26,093	35,406	55,112	101,415
Salaries—1,000 dollars	5,664	11,734	24,307	30,788	86,951	(3)
Wage earners—number	[4] 23,330	[4] 34,642	[5] 53,242	[5] 70,135	[5] 95,650	[5] 149,605
Wages—1,000 dollars	14,983	23,687	36,855	58,454	125,481	(3)

[1] The term "station" as here used may represent a single electric station or a number of stations operated under the same ownership.
[2] Figures not available.
[3] Salaries and wages were not reported for 1927 by municipal plants. Commercial plants reported 95,917 salaried employees, with salaries amounting to $166,341,000, and 138,796 wage earners, with wages amounting to $201,291,000. The percentages which the salaried employees and wage earners reported by the commercial plants formed of the corresponding totals for both commercial and municipal plants were 94.6 and 92.8, respectively.
[4] Average number for the year.
[5] Number Sept. 16, 1912; Sept. 29, 1917; June 30, 1922; and June 30, 1927, or nearest representative day.

No. 360.—CENTRAL ELECTRIC STATIONS: EQUIPMENT, EMPLOYEES, AND FINANCES OF COMMERCIAL AND MUNICIPAL STATIONS

NOTE.—See headnote to Table 359

	Commercial stations				Municipal stations			
	1912	1917	1922	1927	1912	1917	1922	1927
Number of establishments	3,659	4,224	3,774	2,137	1,562	2,318	2,581	2,198
Horsepower of prime movers—thousands	6,971	12,078	18,571	33,661	559	859	1,280	2,049
Capacity of dynamos—thousands of kw	4,769	8,412	13,407	24,383	397	582	906	1,428
Current millions of kw. hrs.	13,557	29,812	47,833	92,299	626	1,232	2,441	4,529
Generated	11,032	24,399	38,413	71,307	537	1,039	1,878	3,379
Purchased	2,525	5,413	9,420	20,992	89	193	563	1,150
Sold—								
To ultimate consumers	(1)	24,723	30,941	60,537	(1)	1,029	2,007	3,075
For resale			8,971	14,808			45	501
Customers—thousands	3,312	6,202	11,065	19,661	526	977	1,645	2,129
Employees—number	71,396	94,679	136,105	234,747	7,940	10,852	14,657	16,273
Income—1,000 dollars	279,054	486,634	986,684	1,841,227	23,219	40,260	85,436	122,437
Expenses—do	217,660	395,127	792,496	1,318,256	16,917	31,441	67,129	(1)
Assets—do	2,490,023	3,631,973	5,504,614	12,050,388	86,521	148,345	288,623	(1)
Value of plant and equipment—1,000 dollars	2,098,613	2,933,017	4,229,356	[2] 8,880,291	77,065	127,375	235,680	417,187

[1] Not called for on schedule.
[2] Includes plant and equipment valued at $902,057,279, not separated as to electric light and power and other properties.

Source of Tables 359 and 360: Bureau of the Census, Department of Commerce.

No. 361.—CENTRAL ELECTRIC STATIONS: FINANCIAL STATISTICS

[All figures in thousands of dollars. See headnote to Table 359]

	Commercial electric stations						Municipal electric stations
	1902	1907	1912	1917	1922	1927	1927
INCOME ACCOUNT							
Income, total	76,736	161,630	279,054	486,634	986,654	1,841,227	122,437
Electric service, total	77,350	156,000	264,475	462,474	936,952	1,680,218	122,437
Commercial and domestic light and power	57,195	122,885	205,974	373,280	773,111	1,424,998	100,049
Municipal lighting	16,130	19,772	27,131	31,462	40,854	66,141	11,058
Sales to other public service corporations	4,025	13,343	30,857	57,207	122,321	189,079	10,730
Value of free service	(1)	(1)	513	525	566	(1)	(1)
Interest and dividends from investments	(1)	(1)	4,869	8,807	16,527	53,959	(1)
Other sources	1,386	5,630	9,710	15,353	33,305	107,050	(1)
Expenses, total	62,835	123,880	217,080	395,127	792,496	1,318,255	(1)
Fuel	10,190	19,825	30,502	78,286	146,323	157,912	
Current purchased	2,007	6,081	16,913	35,733	79,637	143,711	
Supplies, materials, and miscellaneous	14,751	27,897	27,565	48,118	80,492	121,529	
Rent of offices, conduits, etc.	1,272	2,884	4,214	9,881	18,626	(2)	
Salaries and wages	18,767	31,935	55,659	86,473	194,148	367,632	
Taxes	2,655	6,346	13,117	29,897	73,128	150,253	
Injuries, damages, insurance	1,074	2,070	3,316	5,145	10,209	(1)	
Interest	12,119	26,842	46,865	71,145	125,596	269,602	
Depreciation	(1)	(1)	17,989	20,202	59,273	107,616	
Sinking and reserve funds	(1)	(1)	1,520	4,157	5,064	(1)	

[1] Not called for on schedule.
[2] No comparable data.

No. 362.—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
Per cent 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

No. 363.—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	1918	7.6	1923	7.4	1928	6.9
1914	7.8	1919	7.5	1924	7.4	1929	6.7
1915	7.6	1920	7.7	1925	7.3	1930	6.6
1916	7.4	1921	7.7	1926	7.2	1931	6.5
1917	7.2	1922	7.5	1927	7.1	1932	6.4

Sources: Table 361 and basic figures for Table 362, Bureau of the Census, Department of Commerce; Table 363, Bureau of Labor Statistics, Department of Labor.

No. 364.—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, because developed power is usually given in terms of the capacity of installed water wheels or turbines, which may be several times the potential power available 90 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, 1929	January, 1930	January, 1931	January, 1932	January, 1933	90 per cent of the time	50 per cent of the time
Continental U. S.	**7,927**	**10,036**	**13,572**	**13,808**	**14,885**	**15,563**	**15,818**	**38,110**	**59,186**
New England	**1,311**	**1,399**	**1,654**	**1,643**	**1,898**	**1,939**	**1,947**	**998**	**1,978**
Maine	450	477	539	541	579	613	613	536	1,074
New Hampshire	220	243	278	278	553	559	559	186	350
Vermont	130	168	260	260	202	202	202	80	169
Massachusetts	338	344	362	362	362	362	368	106	235
Rhode Island	30	30	30	30	30	30	30	25	40
Connecticut	134	136	184	172	171	172	174	65	110
Middle Atlantic	**1,479**	**1,948**	**2,123**	**2,113**	**2,212**	**2,302**	**2,396**	**4,373**	**6,050**
New York	1,292	1,714	1,814	1,805	1,904	1,892	1,900	4,010	4,960
New Jersey	17	19	19	18	18	17	17	50	90
Pennsylvania	170	226	291	291	291	392	478	313	1,000
East North Central	**739**	**885**	**1,076**	**1,075**	**1,092**	**1,103**	**1,139**	**742**	**1,426**
Ohio	29	30	30	30	25	21	22	55	160
Indiana	27	51	57	55	54	54	55	45	145
Illinois	85	87	94	95	96	94	94	189	361
Michigan	267	305	378	379	399	414	444	168	274
Wisconsin	331	413	517	517	519	520	524	285	480
West North Central	**444**	**515**	**555**	**551**	**587**	**765**	**767**	**928**	**1,937**
Minnesota	205	263	293	287	286	287	287	203	401
Iowa	173	177	182	181	182	182	184	169	395
Missouri	18	20	21	23	37	235	235	67	152
North Dakota	(1)	(1)	(1)	(1)	(1)	(1)	(1)	82	193
South Dakota	18	19	20	19	20	20	20	121	203
Nebraska	15	21	24	24	25	24	24	183	342
Kansas	15	14	16	16	16	16	16	104	251
South Atlantic	**1,082**	**1,594**	**2,595**	**2,657**	**2,918**	**2,968**	**2,979**	**2,924**	**5,048**
Delaware	3	3	1	1	1	1	1	5	10
Maryland	7	7	416	416	416	416	416	106	238
Dist. of Columbia	1	1	6	6	6	6	6		
Virginia	104	118	140	120	135	153	155	459	812
West Virginia	15	15	91	89	87	87	87	355	980
North Carolina	330	535	814	947	954	961	971	852	1,160
South Carolina	330	507	574	574	816	810	810	555	860
Georgia	286	400	544	473	482	512	512	572	958
Florida	7	9	9	25	22	21	21	20	30
East South Central	**241**	**392**	**1,119**	**1,169**	**1,364**	**1,364**	**1,364**	**1,328**	**2,272**
Kentucky	1	1	142	145	145	145	145	172	280
Tennessee	127	160	177	179	288	288	288	654	882
Alabama	113	224	799	845	931	931	931	472	1,050
Mississippi								30	60
West South Central	**16**	**31**	**47**	**49**	**49**	**134**	**150**	**559**	**1,110**
Arkansas	1	16	16	16	16	95	95	200	300
Louisiana								1	2
Oklahoma	2	2	2	3	3	3	2	70	194
Texas	13	14	29	31	31	37	53	288	614
Mountain	**827**	**937**	**1,140**	**1,165**	**1,217**	**1,216**	**1,212**	**10,844**	**15,552**
Montana	344	360	393	419	429	428	429	2,550	3,700
Idaho	224	299	358	358	357	355	348	2,122	4,032
Wyoming	8	8	17	19	25	25	23	704	1,182
Colorado	92	91	98	98	98	98	102	873	1,609
New Mexico	1	1	2	2	2	1	2	116	186
Arizona	39	49	104	120	137	137	137	2,759	2,887
Utah	106	115	164	166	157	158	158	1,420	1,586
Nevada	13	14	14	14	14	14	14	300	370
Pacific	**1,789**	**2,336**	**3,283**	**3,365**	**3,568**	**3,772**	**3,865**	**15,413**	**23,793**
Washington	454	561	747	766	892	1,011	1,053	7,145	11,226
Oregon	185	244	289	299	354	354	364	3,665	5,894
California	1,149	1,531	2,227	2,301	2,321	2,407	2,448	4,603	6,674
Outlying areas:									
Alaska		40	32	36	36	36	37	1,000	2,500
Hawaii		25	[2] 32	[2] 32	[2] 32	[2] 32	26	19	28
Puerto Rico		15	[3] 15	[3] 15	30	[4] 30	[4] 30	100	200

[1] Less than 500.
[2] Capacity in 1928.
[3] Capacity in 1925.
[4] Capacity in 1931.

Source: Geological Survey, Department of the Interior.

19.—PUBLIC ROADS AND MOTOR VEHICLES

No. 365.—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	1928	1929	1930	1931
Total mileage at end of year:						
All types	2,941,294	3,000,190	3,016,281	3,024,233	3,009,066	
Earth roads	2,553,534	2,450,126	2,390,144	2,361,798	2,315,507	
Surfaced roads	387,760	550,064	626,137	662,435	693,559	
Low type [2]	340,583	467,077	523,578	549,981	567,851	
High type [2]	[3] 47,177	82,987	102,559	112,454	125,708	
Total mileage built during year:						
All types	110,976	116,413	74,783	78,003	87,717	
Earth roads (graded and drained)	[4] 69,804	60,059	24,318	23,128	24,370	
Surfaced roads [5]	41,172	56,354	50,465	54,875	63,347	
Low type [2]	33,083	46,746	38,569	42,548	48,397	
High type [2]	[6] 8,089	9,608	11,896	12,327	14,950	
Mileage of State highway systems at end of year: [7]						
All types		287,928	306,442	314,136	324,496	328,942
Earth roads		124,869	113,304	105,812	98,275	86,242
Surfaced roads		163,059	193,138	208,324	226,221	242,700
Low type [2]		109,110	124,765	133,211	142,109	146,359
High type [2]		53,949	68,373	75,113	84,112	96,341
Mileage of State highway systems built during year: [7]						
All types		27,387	29,252	32,522	35,277	44,634
Earth roads (graded and drained)		7,060	8,675	7,451	7,813	10,095
Surfaced roads [5]		20,327	20,577	25,071	27,464	34,539
Low type [2]		14,199	11,829	16,224	16,677	22,026
High type [2]		6,128	8,748	8,847	10,787	12,513
Funds available for rural road purposes during year, all authorities (1,000 dollars):						
Total [8]	[9] 1,109,896	1,640,451	1,926,003	2,042,400	2,302,646	
Motor vehicle fees and gasoline taxes	119,015	436,449	597,511	687,730	862,933	
Other taxes and appropriations	415,747	491,194	553,186	560,908	537,951	
Proceeds of bonds	434,573	272,422	271,706	271,564	316,973	
Federal aid [10]	77,457	79,163	80,798	77,573	92,463	
All other sources	[9] 62,205	361,224	422,803	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	1,554,168	1,615,519	1,885,851	
Construction	622,172	621,893	818,609	813,982	1,009,712	
Maintenance	250,559	338,853	418,632	433,538	475,912	
Principal and interest of bonds	90,203	213,325	247,742	272,529	315,354	
Equipment and miscellaneous	64,468	102,627	69,186	95,470	84,872	
By or under supervision of State highway departments, incl. Federal aid [11]	397,484	621,744	830,265	910,485	1,139,677	1,091,009
Highway construction under Federal aid: [12]						
Completed mileage, end of year		56,717	76,075	82,330	88,945	99,777
Projects under construction—						
Miles		14,581	9,216	8,735	9,089	8,672
Total cost (1,000 dollars)		365,730	230,649	217,013	233,397	216,850
Federal aid (1,000 dollars)		151,490	91,343	89,219	99,573	98,080
Projects approved for construction—						
Miles	1,839	1,575	1,598	1,400	2,875	1,910
Total cost (1,000 dollars)	48,609	40,299	32,434	29,340	60,394	35,473
Federal aid (1,000 dollars)	19,262	13,921	12,819	9,942	25,531	15,134
Federal-aid fund available for new projects (1,000 dollars)		113,070	101,372	99,881	144,726	113,879

[1] Data for local roads not available.
[2] Low type includes sand-clay, gravel, and waterbound macadam; high type includes bituminous macadam, bituminous concrete, sheet asphalt, Portland cement concrete, and block pavements.
[3] Includes 11,303 miles of unclassified roads.
[4] Includes mileage partially graded and drained.
[5] Includes original and reconstructed surfacing.
[6] Includes 368 miles of unclassified roads.
[7] Data for total United States not compiled in 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 funds transferred to local units.
[12] Includes data for Hawaii beginning 1926 for all items except those for projects approved for construction which include Hawaii beginning 1929.

Source: Bureau of Public Roads, Department of Agriculture.

No. 366.—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 are not yet available. For mileage of State highway systems as of Dec. 31, 1931, see Table 368.

Division and State	All types			Surfaced roads						
	1914	1921	1930	1914	1921	1926	1927	1928	1929	1930
Continental U. S.	2,445,781	2,941,294	3,009,066	267,292	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	18,302	8,506	6,575	8,280	8,485	8,733	9,324	9,682
Rhode Island	2,176	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	135,771	186,935	190,636	31,516	36,948	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	94,365	124,298	153,853	160,864	168,210	174,150	181,598
Ohio	86,354	84,219	85,106	30,569	36,068	42,361	43,977	46,245	48,503	50,836
Indiana	73,347	76,246	73,768	30,962	39,857	49,440	50,284	50,995	51,314	52,034
Illinois	95,647	96,326	97,287	11,600	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	25,702	26,771	27,815	29,632
West North Central	650,058	759,620	777,793	14,968	30,228	61,503	69,989	78,762	87,354	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	90,041	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	7,036
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	207,198	365,587	357,554	32,154	61,178	82,282	89,541	95,384	100,940	98,514
Delaware	3,074	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	50,957	3,910	7,260	10,542	11,192	11,897	12,327	12,581
West Virginia	32,024	35,173	34,799	1,065	1,367	3,037	3,713	3,917	4,450	5,292
North Carolina	50,758	98,204	53,706	5,004	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	18,330	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	40,050	62,546	67,953	8,102	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	18,294	17,370	18,369	19,734
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	413,820	13,815	23,986	40,285	42,187	46,436	49,893	52,813
Arkansas	50,743	74,866	68,849	1,098	3,871	5,981	6,269	6,779	7,958	8,584
Louisiana	24,503	39,803	35,553	2,068	2,771	8,697	9,501	10,731	11,152	12,203
Oklahoma	107,916	[1] 134,263	120,879	122	2,461	2,930	3,300	3,711	4,774	5,307
Texas	128,960	167,685	188,539	10,527	14,883	22,677	23,117	25,215	26,012	26,424
Mountain	163,117	306,382	334,929	4,881	15,539	25,827	28,574	32,010	33,843	36,960
Montana	39,204	64,732	67,072	609	1,772	2,508	2,799	3,178	3,437	3,670
Idaho	24,396	31,099	39,825	679	2,982	6,961	7,940	8,487	8,884	9,766
Wyoming	14,797	40,528	41,233	408	440	1,284	1,361	1,604	1,780	1,987
Colorado	39,780	48,143	68,974	1,194	4,598	5,907	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	167,160	172,462	19,928	34,387	49,126	52,136	53,481	54,222	50,448
Washington	42,428	45,816	43,881	4,922	12,062	16,483	16,656	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. 367.—LOCAL ROADS: MILEAGE AS OF DECEMBER 31, 1930, AND MILEAGE SURFACED DURING 1928, 1929, AND 1930

NOTE.—Data cover county and township roads only, excluding State highways

Division and State	Existing mileage, end of year 1930					Mileage surfaced [3] during—		
	Total, all types	Earth roads	Surfaced roads			1928	1929	1930
			Total	Low type [1]	High type [2]			
Continental U. S.	2,684,570	2,217,232	467,338	425,742	41,596	29,883	29,804	35,883
New England	70,086	53,444	16,642	14,336	2,306	1,110	1,164	1,176
Maine	18,843	14,502	4,341	4,316	25	300	417	415
New Hampshire	9,486	8,860	626	610	16	75	117	132
Vermont	10,827	9,304	1,523	1,519	4	26	25	25
Massachusetts	17,178	9,120	8,058	6,108	1,950	494	451	493
Rhode Island	1,730	1,209	521	402	119	109	137	92
Connecticut	12,022	10,449	1,573	1,381	192	16	17	19
Middle Atlantic	161,246	113,025	48,221	34,875	13,346	2,839	2,982	3,931
New York	68,360	45,226	23,134	14,746	8,388	1,290	1,624	1,901
New Jersey	15,520	7,919	7,601	5,151	2,450	338	794	743
Pennsylvania	77,366	59,780	17,586	14,978	2,608	511	564	1,287
East North Central	373,378	233,645	139,733	129,743	9,990	7,021	7,459	7,903
Ohio	73,763	34,181	39,582	35,802	3,780	2,021	2,989	2,241
Indiana	67,657	21,609	46,048	44,092	1,956	865	818	806
Illinois	87,398	72,286	15,112	13,227	1,885	731	766	920
Michigan	72,907	54,273	18,724	16,738	1,986	1,204	1,158	1,152
Wisconsin	71,563	51,296	20,267	19,884	383	2,200	1,728	2,784
West North Central	722,952	661,945	61,007	60,173	834	6,454	6,908	8,584
Minnesota	103,770	73,347	30,423	30,262	161	2,904	2,383	3,697
Iowa	95,643	82,091	13,552	13,544	8	2,209	1,921	1,853
Missouri	102,094	93,406	8,688	8,193	495	258	420	781
North Dakota	90,445	98,602	843	843	----------	88	75	82
South Dakota	114,295	111,183	3,112	3,112	----------	271	1,141	757
Nebraska	84,155	82,553	1,602	1,550	52	280	503	508
Kansas	123,550	120,763	2,787	2,669	118	444	465	906
South Atlantic	318,147	249,698	68,449	59,471	8,978	4,566	3,134	3,952
Delaware	2,962	2,521	441	387	54	203	108	50
Maryland	11,594	8,539	3,055	2,725	330	198	190	146
Virginia	52,269	45,290	6,979	6,881	98	246	271	190
West Virginia	30,635	28,430	2,205	1,345	860	456	272	387
North Carolina	45,091	30,865	14,226	13,620	606	745	817	1,712
South Carolina	51,733	37,797	13,936	13,776	160	1,659	884	1,206
Georgia	95,160	84,154	11,006	10,509	497	222	162	129
Florida	23,703	12,102	11,601	10,228	1,373	837	430	102
East South Central	225,407	175,040	50,367	49,139	1,228	2,669	4,019	5,081
Kentucky	46,261	36,761	9,500	9,398	102	521	514	509
Tennessee	60,909	48,851	12,058	11,456	602	603	984	2,183
Alabama	62,381	46,185	16,196	15,908	288	297	656	1,143
Mississippi	55,856	43,243	12,613	12,377	236	1,248	1,865	1,846
West South Central	369,403	345,149	24,254	23,842	412	1,337	1,070	795
Arkansas	60,039	58,021	2,018	2,005	13	20	80	75
Louisiana	25,044	20,390	4,654	4,641	13	437	110	100
Oklahoma	114,484	112,518	1,966	1,845	121	250	180	120
Texas	169,836	154,220	15,616	15,351	265	630	700	500
Mountain	290,678	272,528	18,150	17,607	543	1,939	1,043	1,702
Montana	58,924	56,900	2,024	2,022	2	200	100	100
Idaho	35,260	28,253	7,007	6,949	58	549	480	523
Wyoming	38,106	37,769	337	337	----------	----------	38	1
Colorado	59,740	56,527	3,213	3,207	6	184	168	278
New Mexico	38,442	38,099	343	343	----------	----------	----------	----------
Arizona	20,185	18,209	1,976	1,612	364	163	79	215
Utah	20,219	17,672	2,547	2,447	100	747	89	100
Nevada	19,802	19,099	703	690	13	96	89	485
Pacific	153,273	112,758	45,515	36,556	8,959	2,158	2,925	2,123
Washington	40,633	26,610	14,023	12,954	1,069	200	100	155
Oregon	47,265	36,938	10,327	9,820	507	100	75	75
California	70,375	49,210	21,165	13,782	7,383	1,853	1,850	1,893

[1] Includes sand-clay, gravel, and water-bound macadam.
[2] Includes bituminous macadam, bituminous concrete, sheet asphalt, Portland cement concrete, and block pavements.
[3] Includes original surfacing and reconstructed surfacing.

Source: Bureau of Public Roads, Department of Agriculture.

No. 368.—STATE HIGHWAY SYSTEMS: MILEAGE AS OF DECEMBER 31, 1931, AND MILEAGE SURFACED DURING 1930 AND 1931

Division and State	Existing mileage, end of year 1931					Mileage surfaced during—		
	Total, all types	Earth roads	Surfaced roads			1930, total [2]	1931	
			Total	Low type [1]	High type [1]		Total [2]	On earth roads
Continental United States	328,942	96,242	242,700	146,359	96,341	27,464	34,539	17,812
New England	10,764	675	10,089	5,902	4,187	791	884	359
Maine	2,032	99	1,933	1,544	389	116	174	94
New Hampshire	2,683	36	2,647	2,231	416	219	189	125
Vermont	[3] 1,013	----------	1,013	575	438	139	177	----------
Massachusetts	1,699	----------	1,699	234	1,465	88	169	45
Rhode Island	1,046	443	603	122	481	47	59	37
Connecticut	2,291	97	2,194	1,196	998	182	116	58
Middle Atlantic	29,440	5,082	24,358	5,681	18,677	1,841	2,386	1,298
New York	14,000	2,315	11,685	1,531	10,154	964	1,160	377
New Jersey	1,877	197	1,680	118	1,562	177	135	60
Pennsylvania	13,563	2,570	10,993	4,032	6,961	700	1,091	861
East North Central	47,122	3,577	43,545	18,201	25,344	4,503	3,907	1,143
Ohio	11,559	89	11,470	5,415	6,055	603	627	27
Indiana	6,972	201	6,771	3,144	3,627	543	421	74
Illinois	10,080	1,719	8,361	7	8,354	790	711	650
Michigan	8,203	673	7,530	4,036	3,584	682	648	182
Wisconsin	10,218	895	9,323	5,599	3,724	1,825	1,500	210
West North Central	56,623	15,975	40,648	29,639	11,009	7,206	11,374	6,016
Minnesota	6,867	100	6,767	4,892	1,875	1,423	2,426	811
Iowa	8,312	968	7,344	3,282	4,062	1,277	817	500
Missouri	9,167	1,584	7,583	4,476	3,107	939	2,049	1,945
North Dakota	7,586	3,522	4,064	4,042	22	630	1,104	879
South Dakota	6,957	1,505	4,452	4,320	132	366	467	467
Nebraska	9,752	4,120	5,632	5,079	553	796	1,190	848
Kansas	8,982	4,176	4,806	3,548	1,258	1,775	3,321	566
South Atlantic	47,812	11,390	36,422	20,928	15,494	2,563	4,087	2,040
Delaware	876	4	872	69	803	82	71	55
Maryland	3,412	----------	3,412	1,703	1,709	320	187	161
Virginia	8,032	1,838	6,194	4,592	1,602	357	620	572
West Virginia	4,315	1,040	3,275	1,055	2,220	563	894	212
North Carolina	9,752	1,352	8,400	4,057	4,343	462	681	121
South Carolina	5,956	620	5,336	3,210	2,126	388	964	519
Georgia	7,131	3,064	4,067	2,700	1,367	167	376	186
Florida	8,338	3,472	4,866	3,542	1,324	224	274	214
East South Central	24,629	4,301	20,328	14,913	5,415	1,710	1,680	1,155
Kentucky	[4] 5,950	752	5,198	3,754	1,444	728	787	414
Tennessee	7,053	1,156	5,897	3,485	2,412	497	346	277
Alabama	5,548	1,558	3,990	2,952	1,038	430	479	413
Mississippi	6,078	835	5,243	4,722	521	55	68	51
West South Central	51,590	15,158	33,432	24,252	9,180	4,556	4,389	2,844
Arkansas	8,705	1,422	7,283	5,818	1,465	1,782	823	518
Louisiana	17,167	6,646	10,521	9,259	1,262	1,411	1,910	846
Oklahoma	6,850	2,807	4,043	2,193	1,850	396	617	522
Texas	18,868	7,283	11,585	6,982	4,603	968	1,019	958
Mountain	45,346	23,786	21,560	20,033	1,527	2,667	3,694	2,445
Montana	8,148	5,502	2,646	2,587	59	200	886	767
Idaho	4,788	1,616	3,172	2,938	234	614	454	318
Wyoming	3,231	1,260	1,971	1,936	35	231	321	321
Colorado	9,255	4,605	4,650	4,204	446	246	391	267
New Mexico	9,272	6,376	2,896	2,808	88	811	396	234
Arizona	2,747	773	1,974	1,740	234	80	118	116
Utah	4,108	1,695	2,413	2,061	352	259	604	322
Nevada	3,797	1,959	1,838	1,759	79	226	524	100
Pacific	15,616	3,298	12,318	6,810	5,508	1,627	2,178	512
Washington	3,759	386	3,373	2,354	1,019	761	1,372	228
Oregon	4,468	703	3,765	2,382	1,383	377	302	49
California	7,389	2,209	5,180	2,074	3,106	489	444	235

[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] Includes original and reconstructed surfacing.
[3] New State highway system created by eliminating State-aid system.
[4] Excludes mileage authorized by State legislature but not actually designated included in previous reports.

Source: Bureau of Public Roads, Department of Agriculture.

No. 369.—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	1919	1921	1925	1926	1927	1928	1929	1930	1931
		Thousands of dollars								
Cont'l U.S.		106,861	397,484	649,125	621,744	707,179	830,285	910,485	1,139,677	1,091,009
New England		11,046	25,910	39,239	45,178	51,735	60,878	73,425	76,418	74,095
Maine	1901	1,739	6,524	7,105	10,279	8,684	12,118	14,006	17,184	18,442
N. Hampshire	1903	1,361	2,360	4,027	3,017	3,565	5,553	[1] 7,713	9,640	8,489
Vermont	1898	901	951	3,618	3,713	4,080	5,762	12,516	9,013	6,999
Mass'setts	1892	3,620	7,864	12,881	13,704	18,380	16,478	20,180	21,926	28,324
Rhode Island	1902	1,132	2,213	3,040	3,871	4,242	4,548	5,412	3,367	6,188
Connecticut	1895	2,293	5,998	8,612	10,504	12,784	16,419	13,598	15,288	[2] 5,653
Middle Atlantic		36,754	101,475	135,603	117,072	138,625	153,247	171,496	216,236	192,315
New York	1898	13,714	36,855	49,369	41,781	58,798	62,503	69,664	73,233	73,924
New Jersey	1891	6,320	15,608	23,939	24,378	27,763	32,479	41,397	47,414	52,860
Pennsylvania	1903	16,719	49,012	62,294	50,913	50,064	58,265	60,434	95,589	65,531
E.N. Central		16,717	66,512	118,903	104,321	114,016	130,563	160,363	190,673	153,465
Ohio	1904	4,604	15,547	24,086	29,496	25,518	33,953	30,281	47,491	34,161
Indiana	1917	401	8,110	14,518	12,429	14,798	16,544	20,678	22,569	20,771
Illinois	1905	4,404	15,693	36,376	24,267	30,270	53,472	39,728	48,854	42,622
Michigan	1905	4,246	16,744	36,130	25,998	25,883	36,578	48,660	46,136	36,540
Wisconsin	1911	3,063	12,417	7,785	12,131	17,547	20,017	21,010	25,623	19,371
W.N. Central		5,686	41,087	84,876	88,728	101,852	104,993	123,547	171,732	167,043
Minnesota	1905	2,691	7,480	17,963	17,979	17,837	18,412	23,366	39,365	36,578
Iowa	1904	614	18,276	14,108	15,272	24,077	37,255	36,084	60,607	36,827
Missouri	1907	684	4,727	31,594	30,841	25,906	18,931	28,321	43,921	42,941
North Dakota	1909	238	1,030	1,862	1,978	4,567	3,564	4,129	3,992	6,957
South Dakota	1911	319	4,738	6,378	5,843	4,862	5,893	6,168	5,915	12,674
Nebraska	1911	1,098	4,836	5,564	7,639	8,004	6,984	8,467	11,087	13,718
Kansas	1911	48	----	7,407	9,171	16,599	13,904	17,012	16,845	17,448
South Atlantic		7,217	51,181	103,838	113,651	133,328	121,189	113,712	139,904	154,397
Delaware	1903	1,147	3,765	3,493	3,469	3,480	[3] 3,377	5,208	8,492	4,426
Maryland	1898	2,237	7,616	12,025	10,598	[3] 10,598	10,668	13,617	17,992	16,152
Virginia	1906	2,262	7,114	14,072	12,014	14,714	14,448	14,214	19,189	22,022
West Virginia	1909	480	1,877	16,139	17,492	19,311	16,224	19,184	23,308	24,385
N. Carolina	1901	1,010	15,100	32,589	37,216	33,144	28,301	24,902	25,613	26,193
S. Carolina	1917	80	3,941	9,133	9,040	13,410	21,099	18,581	22,753	31,681
Georgia	1908	----	9,664	7,902	9,565	15,114	12,728	7,039	12,699	17,468
Florida	1915	[4]	2,103	8,484	13,657	23,557	14,343	10,967	9,858	12,070
E.S. Central		1,828	16,621	45,008	38,845	44,734	60,329	68,942	92,737	86,158
Kentucky	1912	926	5,757	14,916	9,820	11,484	[5] 14,766	15,130	19,497	23,552
Tennessee	1915	794	6,328	14,379	14,037	16,003	19,172	29,741	53,278	41,209
Alabama	1911	65	1,036	10,917	10,290	10,766	20,110	19,317	15,373	14,523
Mississippi	1916	40	3,500	4,795	4,698	6,481	6,281	4,754	4,589	6,874
W.S. Central		8,380	26,897	52,733	50,205	58,119	84,901	104,613	136,738	133,535
Arkansas	1913	585	----	11,200	9,563	14,532	31,784	40,971	39,821	26,291
Louisiana	1910	[4]	5,347	8,611	10,503	10,753	11,157	17,143	29,357	50,033
Oklahoma	1911	2,125	4,775	12,933	10,420	12,816	13,251	11,909	20,228	15,047
Texas	1917	650	16,775	19,985	19,659	20,018	28,710	34,530	47,332	42,164
Mountain		8,870	27,463	27,387	23,610	27,318	35,039	37,008	47,023	58,372
Montana	1913	397	3,640	1,267	1,155	1,541	3,863	4,488	6,378	7,173
Idaho	1905	850	4,803	3,637	4,191	3,847	5,413	3,365	6,637	7,717
Wyoming	1911	771	3,446	3,973	2,974	2,873	3,600	3,123	3,590	7,097
Colorado	1909	1,775	4,156	5,565	5,850	5,232	6,957	7,142	8,144	11,862
New Mexico	1909	839	3,713	3,323	2,928	5,089	6,603	6,675	9,138	8,762
Arizona	1909	1,451	2,948	2,443	2,505	2,608	2,443	4,873	5,253	7,242
Utah	1909	2,445	3,107	4,124	2,448	3,929	3,992	4,545	5,193	6,824
Nevada	1911	342	1,590	3,056	1,699	2,199	2,167	2,797	2,710	[6] 1,695
Pacific		15,386	38,339	41,490	39,938	39,450	40,126	57,382	68,215	71,632
Washington	1905	2,895	9,696	7,846	8,825	8,628	13,893	15,702	15,806	17,681
Oregon	1913	5,923	17,828	15,553	10,018	10,263	10,268	11,328	14,668	17,136
California	1895	6,568	10,815	18,091	21,095	20,559	24,965	30,352	37,741	36,815

[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 not available.
[5] Data cover 9 months, July 1, 1928, to Mar. 31, 1929, as fiscal year was changed.
[6] 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. 370.—FUNDS AVAILABLE AND DISTRIBUTION OF DISBURSEMENTS FOR STATE HIGHWAY PURPOSES, 1931

[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 [3]
Cont'l. U.S.	1,367,970	638,585	218,074	130,614	379,698	1,091,009	730,955	160,980	119,140	79,934
New England	92,965	45,596	10,000	7,640	29,669	74,095	32,729	14,175	3,613	23,579
Maine	21,622	5,175	2,603	4,497	9,348	18,442	7,631	1,679	1,503	7,630
N. Hampshire	9,876	4,737	946	1,000	3,192	8,489	2,794	4,810	572	312
Vermont	7,609	4,189	969		2,451	6,999	4,154	1,564	678	603
Massachusetts	38,612	20,837	4,024	2,143	11,608	28,324	10,840	3,016	557	13,911
Rhode Island	6,192	3,844	951		1,397	6,188	3,863	1,712	303	310
Connecticut [4]	9,054	6,784	597		1,673	5,653	3,447	1,394		813
Middle Atlantic	305,544	124,209	27,881	28,736	124,719	192,315	134,682	24,180	19,555	13,948
New York	142,038	47,884	14,564		79,590	73,924	57,495	9,404	5,098	1,927
New Jersey	73,925	18,826	3,053	18,736	33,311	52,860	40,576	3,185	7,534	1,514
Pennsylvania	89,581	57,499	10,264	10,000	11,818	65,531	36,561	11,591	6,873	10,507
E.N. Central	204,424	134,835	31,302		38,487	153,485	106,060	27,789	14,577	5,039
Ohio	43,103	30,713	9,171		3,219	34,161	21,565	10,901	1,000	695
Indiana	27,202	19,397	5,153		2,652	20,771	15,745	2,745	1,600	682
Illinois	58,941	38,287	10,064		10,591	42,622	28,438	3,446	7,895	2,843
Michigan	42,370	31,426	3,167		7,777	36,540	25,017	6,650	4,082	790
Wisconsin	32,808	14,812	3,747		14,248	19,371	15,295	4,047		29
W.N. Central	189,171	82,545	39,556	36,751	30,319	167,043	116,786	22,283	19,091	8,902
Minnesota	43,348	19,467	5,443	10,060	8,377	36,578	23,197	5,533	4,833	2,964
Iowa	42,651	18,118	6,632	12,020	5,881	36,827	[5] 28,083	[5] 3,362	5,346	[5] 36
Missouri	47,328	19,610	7,224	14,671	5,814	42,841	31,577	4,075	5,304	1,885
North Dakota	7,404	2,259	3,308		1,838	6,957	4,433	1,236	404	884
South Dakota	12,960	4,778	4,478		3,704	12,674	6,579	1,936	3,154	1,005
Nebraska	14,390	8,150	5,692		557	13,718	10,535	2,902		281
Kansas	20,581	10,154	6,779		3,648	17,448	12,382	3,219		1,847
South Atlantic	176,872	84,378	26,349	16,068	50,077	154,397	98,695	22,068	20,764	12,869
Delaware	5,011	2,176	1,330		1,504	4,426	2,168	235	1,806	217
Maryland	18,929	8,959	2,456	1,066	6,448	16,152	10,408	1,789	2,237	1,717
Virginia	23,184	13,792	3,394		5,999	22,022	[5] 14,231	[5] 5,973	1,298	[5] 520
West Virginia	31,889	10,090	2,969	10,000	8,830	24,385	14,111	3,321	6,726	227
N. Carolina	27,771	18,715	3,050		6,006	20,193	[5] 10,924	[5] 3,960	7,455	[5] 3,854
S. Carolina	35,760	8,790	4,805	5,002	17,163	31,081	22,872	2,113	1,242	5,455
Georgia	21,352	13,041	5,513		2,798	17,468	14,812	2,211		445
Florida	12,976	8,815	2,832		1,329	12,070	9,169	2,466		434
E.S. Central	98,620	35,763	16,413	2,000	44,446	86,158	58,851	11,566	12,106	3,635
Kentucky	28,267	12,370	4,440		11,457	23,552	18,082	3,720	866	883
Tennessee	49,218	14,163	4,507	2,000	28,549	41,209	26,869	4,534	7,704	2,102
Alabama	13,599	6,161	4,317		3,121	14,523	9,054	1,484	3,536	450
Mississippi	7,536	3,069	3,149		1,319	6,874	4,846	1,828		200
W.S. Central	152,256	59,412	27,130	34,453	31,263	133,585	92,184	19,210	16,423	5,719
Arkansas	25,665	9,241	5,811	2,000	8,614	26,291	10,606	1,801	11,690	2,135
Louisiana	53,005	12,093	4,052	32,453	4,407	50,033	39,172	4,744	4,733	1,384
Oklahoma	17,699	10,678	5,273		1,749	15,047	11,974	2,335		738
Texas	55,887	27,400	11,994		16,493	42,164	30,372	10,330		1,462
Mountain	61,905	22,586	26,789	3,970	8,558	58,372	42,010	8,639	5,136	2,588
Montana	7,172	2,978	4,103		30	7,173	6,089	817		267
Idaho	8,200	3,154	3,525		1,521	7,717	5,200	1,094	991	432
Wyoming	8,392	1,932	2,742	2,820	898	7,097	5,408	970	509	210
Colorado	12,593	5,158	4,793		2,641	11,802	8,335	1,453	1,734	340
New Mexico	9,190	2,840	4,503	1,000	838	8,762	5,942	1,515	936	370
Arizona	7,676	2,581	3,560		1,535	7,242	5,382	1,242		618
Utah	7,167	3,265	2,772		1,130	6,824	4,505	1,237	774	308
Nevada [6]	1,515	669	731	150	[7] 35	1,695	1,149	311	192	43
Pacific	86,212	50,492	12,563	996	22,162	71,632	49,009	11,091	7,877	3,656
Washington	17,681	12,745	3,534		1,402	17,681	12,381	3,006		2,294
Oregon	19,314	9,902	4,535	996	3,882	17,136	[5] 10,384	[5] 2,078	3,363	[5] 1,311
California	49,217	27,845	4,494		16,878	36,815	26,244	6,007	4,514	61

[1] Includes emergency advance funds ($62,730,000) to be returned to the United States Treasury by deductions from future Federal aid apportionments.
[2] Includes balance from previous year, transfers from local units, and miscellaneous revenue.
[3] Includes transfers to local units.
[4] Data cover 6 months, Jan. 1 to June 30, as fiscal year was changed.
[5] Equipment included with construction and maintenance.
[6] Data cover 7 months, Dec. 1, 1930, to June 30, 1931, as fiscal year was changed.
[7] Deficit.

Source: Bureau of Public Roads, Department of Agriculture.

No. 371.—HIGHWAY CONSTRUCTION UNDER FEDERAL AID: STATUS AS OF DECEMBER 31, 1932

[Total cost and Federal aid expressed in thousands of dollars]

Division and State	Mileage completed prior to Jan. 1, 1933 [1]	Projects under construction			Projects approved for construction			Federal-aid funds available for new projects
		Total cost	Federal aid	Miles [1]	Total cost	Federal aid	Miles [1]	
Grand total [2]	104, 562	250, 978	98, 257	13, 349	45, 085	13, 314	2, 682	20, 294
New England	3, 028	13, 833	4, 715	252	2, 269	421	52	538
Maine	819	1, 632	451	53	825	85	20	68
New Hampshire	427	951	415	31				171
Vermont	365	905	329	45	56	6	2	16
Massachusetts	863	4, 625	1, 487	57	810	90	17	46
Rhode Island	264	1, 227	432	29	285	103	6	
Connecticut	290	4, 203	1, 600	37	293	137	7	235
Middle Atlantic	7, 208	36, 732	11, 999	976	6, 161	1, 930	177	53
New York	3, 449	18, 887	5, 884	518	2, 447	1, 062	51	44
New Jersey	624	7, 725	2, 708	69	79	20	3	7
Pennsylvania	3, 135	10, 120	3, 407	389	3, 635	848	123	2
East North Central	13, 021	51, 179	19, 098	1, 937	8, 110	1, 905	276	493
Ohio	2, 992	7, 413	2, 227	266	3, 598	735	50	43
Indiana	1, 992	8, 046	4, 024	315	1, 123	112	59	216
Illinois	3, 049	20, 367	8, 176	664	2, 340	672	88	
Michigan	2, 274	7, 418	3, 065	395	997	364	78	232
Wisconsin	2, 714	7, 335	1, 606	297	52	22	1	2
West North Central	28, 329	31, 812	10, 387	2, 849	3, 867	671	560	1, 156
Minnesota	4, 338	4, 637	132	289	115	(3)	2	28
Iowa	3, 502	5, 628	1, 066	318	360	23	26	11
Missouri	3, 178	2, 892	694	126	614	166	44	389
North Dakota	5, 139	4, 781	2, 080	886	917	296	318	124
South Dakota	4, 076	4, 353	1, 975	611	68	31	15	88
Nebraska	4, 266	5, 042	2, 048	291	16	8	1	307
Kansas	3, 827	3, 879	1, 792	334	1, 777	147	154	209
South Atlantic	12, 142	26, 368	11, 279	1, 527	5, 218	1, 824	425	4, 292
Delaware	375	592	149	27	218	41	17	44
Maryland	823	1, 154	458	53	667	30	24	34
Virginia	1, 942	3, 943	1, 731	235	832	228	36	758
West Virginia	913	3, 375	1, 308	125	274	65	8	189
North Carolina	2, 259	2, 693	1, 348	330	1, 752	878	217	1, 869
South Carolina	1, 997	2, 969	1, 142	279	609	193	44	2
Georgia	3, 184	5, 667	2, 293	326	606	259	62	137
Florida	649	5, 975	2, 850	152	260	130	17	1, 269
East South Central	7, 745	18, 905	8, 719	1, 018	2, 234	1, 049	97	8, 468
Kentucky	1, 865	4, 923	1, 769	349	297	80	10	147
Tennessee	1, 890	4, 184	2, 091	182	1, 234	617	56	705
Alabama	2, 357	4, 557	2, 278	221	50	28	(4)	3, 780
Mississippi	1, 833	5, 241	2, 581	266	647	324	31	3, 836
West South Central	13, 736	30, 223	13, 334	1, 833	10, 364	3, 084	620	2, 377
Arkansas	1, 951	2, 814	1, 310	121	1, 052	526	25	1, 790
Louisiana	1, 618	6, 155	2, 766	73	1, 120	421	9	24
Oklahoma	2, 384	4, 107	2, 043	252	2, 110	440	146	563
Texas	7, 783	17, 147	7, 215	1, 187	6, 082	1, 697	441	
Mountain	13, 882	25, 711	12, 583	2, 630	3, 906	1, 599	385	1, 838
Montana	2, 657	7, 699	4, 321	863	1, 118	628	116	85
Idaho	1, 484	2, 660	1, 135	292	553	176	33	89
Wyoming	2, 048	3, 114	1, 199	440	116	2	31	5
Colorado	1, 726	2, 895	1, 383	172	1, 030	464	53	830
New Mexico	2, 229	2, 783	1, 289	243	404	177	31	300
Arizona	1, 199	2, 950	1, 413	258	88	18	17	205
Utah	1, 205	1, 927	918	204	361	108	55	248
Nevada	1, 334	1, 683	925	158	236	26	29	70
Pacific	5, 398	14, 237	4, 962	466	2, 641	588	102	333
Washington	1, 319	2, 306	812	96	567	174	20	198
Oregon	1, 603	3, 542	1, 503	187	923	304	48	127
California	2, 476	8, 389	2, 647	183	1, 151	110	34	8
Hawaii	78	2, 176	1, 179	60	315	244	8	749

[1] Figures expressed in nearest mile, original figures in nearest tenth.
[2] Includes Hawaii.
[3] Less than $500.
[4] Less than five-tenths of 1 mile.

Source: Bureau of Public Roads, Department of Agriculture.

No. 372.—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	----------	----------
1902	9	9	----------	10,395	10,395	----------	23	----------	----------
1903	11	11	----------	13,000	13,000	----------	33	----------	----------
1904 [3]	23	22	(4)	24,620	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	165,140	159,910	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]	509	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	801,038	434,169	6,147	5,622	525
1919	1,934	1,658	276	1,885,113	1,461,786	423,327	7,565	6,771	794
1920	2,227	1,906	322	2,232,420	1,809,171	423,249	9,232	8,226	1,006
1921	1,682	1,518	164	1,261,067	1,091,752	169,314	10,403	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	2,139
1925	4,428	3,871	557	3,015,164	2,544,529	470,635	19,937	17,496	2,441
1926	4,596	3,949	567	3,214,817	2,746,065	468,753	22,001	19,237	2,764
1927	3,580	3,083	497	2,700,706	2,265,033	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	24,137	20,903	3,233

[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. 373.—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	312,166	204,296	11,709	47,519	8,678	31,596	30.1
1923	2,071,339	991,842	395,546	220,102	7,838	37,248	2,913	27,118	34.0
1924	1,545,197	890,106	318,387	388,846	14,293	103,224	5,403	38,190	43.0
1925	1,491,766	1,188,462	174,438	833,786	12,008	131,501	5,894	32,799	55.5
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	385,981	2,535,547	62,198	856,371	10,037	127,354	2,512	32,758	88.5
1929	477,362	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	363,000	3,513	63,029	1,966	22,950	90.3
1931	93,837	1,648,386	7,407	236,234	1,195	38,765	1,229	11,130	94.9
1932	40,691	1,014,615	1,997	109,146	477	11,200	397	7,836	96.3

[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. 374.—MOTOR-VEHICLE PRODUCTION IN THE UNITED STATES [1]

Month	1924	1925	1926	1927	1928	1929	1930	1931	1932
	Passenger cars								
Total	3,185,881	3,735,171	3,733,987	2,936,533	3,815,417	4,587,400	2,784,745	1,878,090	1,135,491
January	286,314	209,510	276,119	198,157	205,539	347,609	233,815	138,317	98,803
February	335,356	246,924	323,139	262,550	291,005	406,171	280,016	180,419	94,110
March	344,803	326,915	384,579	343,872	371,283	513,656	330,922	231,244	99,399
April	334,736	381,301	385,342	356,823	364,261	537,564	372,932	286,917	120,937
May	275,196	371,192	374,789	356,930	374,680	516,181	361,368	271,475	157,756
June	219,730	356,695	340,716	279,565	355,685	452,749	285,936	210,396	160,338
July	239,299	353,897	317,160	237,811	337,560	425,998	222,205	184,173	94,705
August	252,108	222,030	381,041	275,585	398,722	441,820	183,918	155,425	75,907
September	261,143	265,703	352,070	226,443	357,704	364,336	176,426	109,228	64,748
October	257,785	391,672	290,254	183,042	338,883	319,330	113,808	58,416	35,107
November	201,960	329,294	220,357	109,712	215,742	169,492	101,141	49,184	47,532
December	177,451	281,038	138,421	106,043	204,353	92,494	122,258	97,897	86,149
	Motor trucks and busses								
Total	416,659	530,659	516,947	464,793	543,342	771,020	571,241	416,648	235,187
January	32,275	31,069	32,879	40,751	26,189	53,428	39,406	33,531	20,541
February	35,213	36,714	40,513	42,185	32,791	60,247	50,308	39,521	23,308
March	38,621	48,491	48,888	50,641	42,031	71,799	65,466	45,161	19,560
April	41,132	52,491	53,994	49,559	45,843	84,346	71,092	50,022	27,389
May	39,981	47,864	50,378	48,718	51,103	88,510	58,659	45,688	26,539
June	32,070	41,829	45,553	44,252	41,111	93,183	48,570	40,244	22,768
July	30,513	45,050	42,450	31,585	54,526	44,842	43,328	34,317	14,438
August	32,528	38,206	45,810	34,409	62,576	56,808	40,450	31,772	14,418
September	35,239	60,025	46,868	33,867	57,610	51,576	44,223	31,338	19,402
October	30,708	50,309	44,167	36,640	58,401	60,687	40,593	21,727	13,595
November	32,651	42,977	35,944	24,658	41,393	48,081	35,613	19,683	12,025
December	29,611	35,034	29,503	27,528	29,763	27,513	33,443	23,644	21,204

[1] Figures represent production or factory sales. Passenger cars include taxicabs; trucks and busses include ambulances, funeral cars, fire apparatus, and street sweepers.

No. 375.—STATE GASOLINE TAXES

NOTE.—In a majority of States all the proceeds of these taxes and in all but a few of the others the great bulk of the proceeds are applied to road purposes

State	Total 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—	
	1930	1931	1932	1931	1932		1930	1931	1932	1931	1932
Total	494,683	537,590	514,139	----	----	Montana	2,942	3,018	2,690	5	5
						Nebraska	9,060	9,096	7,809	4	4
Alabama	6,901	7,197	7,001	5	6	Nevada	675	778	727	4	4
Arizona	2,670	3,204	2,901	5	5	New Hampshire	2,499	2,657	2,630	4	4
Arkansas	6,427	6,448	5,165	6	6	New Jersey	11,380	17,173	16,675	3	3
California	34,870	39,864	36,129	3	3	New Mexico	2,762	2,686	2,211	5	5
Colorado	6,145	6,254	5,469	4	4	New York	28,476	30,589	42,581	2	3
Connecticut	4,515	4,777	4,733	2	2	North Carolina	12,533	14,024	13,907	6	6
Delaware	1,013	1,072	1,090	3	3	North Dakota	1,972	2,032	1,537	3	3
Dist. of Col	1,800	1,726	2,040	2	2	Ohio	37,081	39,328	34,239	4	4
Florida	13,655	15,018	14,532	7	7	Oklahoma	12,092	11,665	9,682	5	4
Georgia	13,435	13,314	11,939	6	6	Oregon	6,199	6,187	5,501	4	4
Idaho	2,731	2,609	2,287	5	5	Pennsylvania	33,024	33,189	30,801	3	3
Illinois	27,472	29,066	28,754	3	3	Rhode Island	1,736	1,896	1,858	2	2
Indiana	17,159	18,044	16,740	4	4	South Carolina	7,146	7,246	6,225	6	6
Iowa	10,584	10,928	8,970	3	3	South Dakota	3,504	3,395	2,963	4	4
Kansas	9,126	8,071	7,420	3	3	Tennessee	10,719	11,461	12,185	7	7
Kentucky	8,415	8,813	8,206	5	5	Texas	29,527	30,515	27,064	4	4
Louisiana	7,546	9,398	8,301	5	5	Utah	2,106	2,310	2,173	4	4
Maine	4,169	4,439	4,254	4	4	Vermont	1,880	1,967	1,875	4	4
Maryland	6,991	7,431	7,500	4	4	Virginia	10,775	11,445	10,810	5	5
Massachusetts	10,563	15,306	16,519	3	3	Washington	7,253	11,032	11,047	5	5
Michigan	21,713	21,873	20,461	3	3	West Virginia	5,367	5,395	4,949	4	4
Minnesota	10,359	11,070	10,001	3	3	Wisconsin	8,315	15,780	14,948	4	4
Mississippi	6,918	6,009	5,844	5½	6	Wyoming	1,447	1,587	1,418	4	4
Missouri	8,639	9,207	8,950	2	2						

Sources: Table 374, Bureau of the Census, Department of Commerce; Table 375, Bureau of Public Roads, Department of Agriculture.

No. 376.—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]	1931 [1]	1932 [1]
Continental U. S.	1,258,062	2,445,866	9,231,941	19,937,274	26,545,281	25,832,884	24,138,879
New England	121,327	206,609	573,321	1,290,151	1,698,619	1,716,514	1,634,107
Maine	11,022	21,545	62,907	140,499	186,157	188,238	171,757
New Hampshire	8,237	13,449	34,080	81,498	112,183	111,510	106,431
Vermont	5,913	11,499	31,625	69,576	86,624	83,877	77,595
Massachusetts	62,660	102,633	274,498	646,153	846,206	840,190	801,909
Rhode Island	10,295	16,362	50,477	101,756	136,423	137,878	133,408
Connecticut	23,200	41,121	119,134	250,669	331,026	354,821	343,007
Middle Atlantic	266,033	497,227	1,474,106	3,536,570	4,914,101	4,909,058	4,703,891
New York	134,495	255,242	676,205	1,625,583	2,307,730	2,297,249	2,241,030
New Jersey	51,360	81,848	227,737	580,554	852,850	869,867	857,850
Pennsylvania	80,178	160,137	570,164	1,330,433	1,753,521	1,741,942	1,664,021
East North Central	314,524	653,665	2,229,396	4,918,383	6,384,157	6,171,296	5,709,297
Ohio	86,156	181,332	621,390	1,346,400	1,759,363	1,710,625	1,589,524
Indiana	45,000	96,915	333,067	725,410	875,763	862,672	796,815
Illinois	94,656	180,832	568,924	1,203,177	1,638,260	1,612,770	1,493,498
Michigan	54,366	114,845	412,717	989,010	1,328,209	1,230,980	1,134,808
Wisconsin	34,346	79,741	293,298	594,386	782,562	754,249	694,652
West North Central	232,044	499,992	1,782,946	2,941,814	3,681,901	3,561,269	3,276,773
Minnesota	46,000	93,269	324,166	569,694	732,972	720,401	683,397
Iowa	70,209	145,109	437,378	659,202	778,386	748,438	680,330
Missouri	38,140	76,462	297,008	604,166	761,660	752,805	717,460
North Dakota	15,187	24,908	90,840	144,972	183,019	171,293	163,570
South Dakota	14,457	28,724	120,395	168,028	205,172	193,025	161,933
Nebraska	13,411	59,000	219,000	338,719	426,229	416,131	375,716
Kansas	34,550	72,520	294,159	457,033	594,523	559,176	504,367
South Atlantic	77,893	150,594	806,053	1,920,982	2,517,673	2,463,184	2,259,657
Delaware	2,440	5,052	18,300	40,140	56,109	55,202	52,851
Maryland	14,217	31,047	102,841	234,247	321,702	325,372	321,242
District of Columbia	4,000	8,009	34,161	103,092	155,676	173,519	190,567
Virginia	9,022	21,357	115,470	282,650	375,889	379,227	370,587
West Virginia	5,144	13,279	80,664	217,589	266,273	253,308	227,888
North Carolina	10,000	21,000	140,860	[2] 340,287	453,241	428,737	375,695
South Carolina	10,000	15,000	93,343	168,496	218,402	203,719	177,020
Georgia	[3] 20,000	25,000	146,000	248,093	341,580	320,840	287,716
Florida	[3] 3,000	[3] 10,850	73,914	286,388	327,801	323,260	286,091
East South Central	26,360	48,421	357,658	878,115	1,213,501	1,107,961	987,544
Kentucky	7,210	19,500	112,683	261,647	331,002	327,326	293,265
Tennessee	[4] 10,000	[5] 7,618	101,852	244,626	308,259	350,520	298,713
Alabama	5,300	11,654	74,637	194,580	277,146	246,465	226,471
Mississippi	3,850	9,669	68,486	177,262	237,094	183,650	149,095
West South Central	48,583	84,433	772,655	1,790,017	2,411,714	2,223,807	1,998,877
Arkansas	3,583	8,021	59,082	183,589	220,204	180,731	136,503
Louisiana	[4] 10,000	11,380	73,000	207,000	275,283	263,050	242,748
Oklahoma	[3] 3,000	25,032	212,880	424,345	550,331	482,725	428,302
Texas	[3] 32,000	[4] 40,000	427,693	975,083	1,365,896	1,297,301	1,191,321
Mountain	33,215	78,520	374,473	675,706	962,572	937,411	849,935
Montana	5,916	14,540	60,650	94,656	135,168	127,166	109,129
Idaho	2,113	7,071	50,561	81,506	119,077	111,663	95,325
Wyoming	1,584	3,976	23,926	47,711	61,501	62,101	56,226
Colorado	13,000	28,894	129,255	240,097	308,509	308,458	285,869
New Mexico	1,808	5,100	22,100	49,111	84,150	81,325	76,767
Arizona	3,613	7,753	34,601	68,029	110,525	105,572	94,947
Utah	4,000	9,177	42,616	73,427	113,907	108,958	99,851
Nevada	1,091	2,009	10,464	21,169	29,645	32,168	31,830
Pacific	138,153	226,205	881,333	1,985,536	2,761,043	2,742,384	2,676,585
Washington	24,178	38,823	173,920	328,442	446,062	420,878	445,001
Oregon	13,975	23,385	103,790	216,553	[6] 273,625	[6] 278,225	[6] 259,271
California	[4] 100,000	163,797	583,623	1,440,541	2,041,356	2,043,281	1,971,616

[1] Includes road tractors.
[2] Fiscal registration year ends June 30; figure represents registration July 1 to Dec. 31.
[3] Registrations incomplete.
[4] Estimated.
[5] Cars registered during 1915 only; total, approximately 26,000.
[6] Registrations during year ended June 30.

Source: Bureau of Public Roads, Department of Agriculture.

No. 377.—REGISTRATIONS AND REVENUES FROM MOTOR VEHICLES, 1932

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 [2]	
		Passenger cars, busses, and taxis	Trucks and road tractors				Thousands of dollars		
Continental U.S.	[3] 24,317,020	20,903,422	3,233,457	[3] 180,141	412,998	100,364	324,274	259,601	271,216
New England	1,646,835	1,397,113	236,994	12,728	8,139	7,941	23,985	15,433	19,951
Maine	173,777	130,774	34,983	2,020	4,195	1,045	2,957		2,353
New Hampshire	107,059	88,141	18,290	628	1,448	1,000	2,104	1,724	1,847
Vermont	77,733	69,230	8,365	138	519	479	2,218	1,919	2,218
Massachusetts	807,210	698,358	103,551	5,301	525	2,161	6,568	3,813	4,702
Rhode Island	134,507	114,950	18,458	1,099	68	939	2,184	1,767	1,905
Connecticut	346,549	289,660	53,347	3,542	1,384	2,317	7,954	6,215	6,921
Middle Atlantic	4,793,170	4,106,568	657,238	29,369	24,494	29,130	86,501	70,633	60,128
New York	2,267,304	1,931,384	310,546	25,374	13,796	12,755	41,272	36,753	22,956
New Jersey	858,722	726,201	131,649	872	2,863	5,256	15,413	11,567	9,686
Pennsylvania	1,667,144	1,448,978	215,043	3,123	7,835	11,119	29,816	22,313	27,486
East North Central	5,733,174	4,995,516	713,781	23,877	156,611	20,475	71,599	67,577	67,413
Ohio	1,603,810	1,420,550	168,974	14,286	45,588	7,152	18,425	17,493	17,880
Indiana	797,404	675,108	121,707	589	23,570	2,529	6,090	5,687	5,621
Illinois	1,495,308	1,311,783	181,715	1,810	8,950	5,274	16,967	16,217	15,817
Michigan	1,135,674	1,000,169	134,639	866	77,437	2,996	19,836	18,138	18,594
Wisconsin	700,978	587,906	106,746	6,326	1,066	2,524	10,281	10,042	9,501
West North Central	3,293,712	2,834,792	441,981	16,939	59,116	7,130	44,850	28,285	42,382
Minnesota	685,492	581,905	101,492	2,095	21,839	1,697	10,122	9,941	9,750
Iowa	684,984	606,523	73,807	4,654	2,833	1,669	11,671	10,922	10,835
Missouri	720,281	[4] 618,195	[4] 99,265	2,821	16,008	1,566	9,825		9,224
North Dakota	154,188	130,660	22,910	618	39	230	1,800	1,786	1,727
South Dakota	163,245	142,552	19,381	1,312	8,852	220	2,444	2,386	2,375
Nebraska	377,645	322,347	53,369	1,929	13,531	834	3,349	3,250	3,246
Kansas	507,877	[4] 432,610	[4] 71,757	3,510	2,014	914	5,439		5,225
South Atlantic	2,290,740	1,955,088	304,569	31,083	27,399	11,991	32,650	29,865	23,902
Delaware	53,544	[4] 43,441	[4] 9,410	693	649	370	1,018	866	1,018
Maryland	322,260	286,583	34,659	1,018	1,327	3,106	3,450	2,083	2,484
Dist. Columbia	165,133	142,890	17,677	4,566	607	1,378	868	167	
Virginia	376,688	308,806	61,781	6,101	1,673	2,184	6,241	5,869	5,855
West Virginia	230,632	193,232	34,656	2,794	1,785	1,167	4,065	3,779	3,880
North Carolina	385,187	328,500	47,195	9,492	7,774	1,215	5,444	5,362	4,798
South Carolina	179,158	157,453	19,567	2,138	2,041	648	2,470	2,233	2,230
Georgia	288,414	245,666	42,050	698	4,021	977	3,826	3,746	3,634
Florida	289,674	248,517	37,574	3,583	7,522	946	5,208	5,160	8
East South Central	978,366	842,655	124,889	10,822	9,836	2,838	3,699	6,487	12,671
Kentucky	296,331	260,959	32,306	3,066	[5]	894	4,651	4,470	4,253
Tennessee	304,888	267,279	31,434	6,175	3,294	1,162	3,872		3,555
Alabama	227,790	194,237	32,234	1,319	3,948	604	3,038		2,907
Mississippi	149,357	[4] 120,180	[4] 28,915	262	2,594	178	2,138	2,017	1,956
West South Central	2,013,593	1,692,648	306,299	14,716	44,855	5,489	24,880	18,998	23,910
Arkansas	137,236	112,587	23,916	733	3,118	188	2,796	2,770	2,768
Louisiana	243,198	198,787	43,961	450	6,024	773	4,120	3,894	4,043
Oklahoma	429,044	379,509	48,703	742	[5]	1,020	4,789		4,685
Texas	1,204,115	1,001,675	189,649	12,791	35,113	3,508	13,155	12,334	12,414
Mountain	859,280	722,767	127,168	9,345	14,429	2,510	8,210	6,201	7,543
Montana	111,170	[4] 88,647	[4] 20,482	2,041	61	204	1,294	1,247	1,250
Idaho	96,774	81,993	13,332	1,449	9,924	306	1,617	1,579	1,532
Wyoming	56,989	46,330	9,896	763	[6]	116	676		676
Colorado	286,381	255,854	30,006	521	563	805	1,947	1,693	1,850
New Mexico	78,227	61,720	15,047	1,460	591	233	770	734	598
Arizona	96,950	80,099	14,848	2,012	1,765	323	709	562	534
Utah	100,279	83,089	16,762	428	879	434	802		738
Nevada	32,501	25,035	6,795	671	646	89	395	386	305
Pacific	2,707,817	2,356,280	320,608	30,929	68,119	12,860	18,119	16,135	13,315
Washington	453,238	381,490	64,511	7,237	4,543	1,953	2,180	2,001	1,494
Oregon [6]	262,947	236,405	22,866	3,676	1,706	1,535	6,548	5,943	5,894
California	1,991,632	1,738,385	233,231	20,016	61,870	9,372	9,391	8,191	5,927

[1] Includes registration fees, licenses, permits, fines, etc.; excludes gasoline taxes.
[2] Totals include only the States shown; separate data not available for 8 States.
[3] Includes 333 "cars at large" not allocated to any State.
[4] Busses included with trucks.
[5] Trailers not registered.
[6] Data cover registration year ended June 30, 1932.

Source: Bureau of Public Roads, Department of Agriculture.

No. 378.—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	11,606	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	23,705	20.8	113,050,663	23,427	20.7	23,120,127	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	113.2
1931	119,421,000	30,042	25.2	118,157,000	29,658	25.1	24,705,328	120.0

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	29,108,507	687	2.4	29,126,518	1,554	5.3	4,965,510	247	5.0
1914	30,820,210	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	44,604,983	2,508	5.6	38,947,525	5,203	13.5	1,553,535	197	12.7
1920	44,475,260	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	12.8	47,530,395	10,640	22.4	1,840,862	422	22.9
1926	54,389,753	7,348	13.5	48,601,407	11,071	22.8	1,947,141	452	23.2
1927	56,613,922	8,452	14.9	49,695,724	12,252	24.7	1,867,922	456	24.4
1928	61,350,563	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

Sources: Bureau of the Census, Department of Commerce, and Bureau of Public Roads, Department of Agriculture.

No. 379.—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.	1928	1929	1930	1931	1921–1925, avg.	1926–1930, avg.	1928	1929	1930	1931
Registration area in continental United States	**13,869**	**23,988**	**23,765**	**27,066**	**29,080**	**30,042**	**14.3**	**21.3**	**20.3**	**23.3**	**24.5**	**25.2**
Registration States [1]	13,579	23,579	23,427	26,662	28,684	29,658	14.3	21.3	20.7	23.2	24.4	25.1
Cities [1]	8,624	13,622	13,430	14,865	16,491	16,956	19.1	26.3	26.0	28.2	29.0	29.3
Rural	4,955	9,957	9,997	11,797	12,193	12,702	9.9	16.9	16.3	18.9	20.1	21.1
Cities in nonregistration States	290	409	338	404	396	384	18.8	27.4	23.0	33.1	32.4	30.4
All registration cities [1]	8,914	14,031	13,768	15,269	16,887	17,340	19.1	26.3	26.0	28.3	29.1	29.3
REGISTRATION STATES												
Alabama	[2] 252	392	375	445	459	472	[2] 10.0	15.1	14.4	17.0	17.3	17.7
Arizona	(3)	143	123	153	181	149	(3)	34.2	29.4	35.7	41.3	33.6
Arkansas	(3)	[4] 242	211	282	305	313	(3)	[4] 13.1	11.5	15.3	16.5	16.8
California	1,131	1,828	1,755	2,100	2,193	2,367	27.0	34.5	33.2	38.1	38.3	40.5
Colorado	148	232	221	258	271	319	15.2	22.8	21.7	25.1	26.1	30.6
Connecticut	260	376	407	433	407	457	17.8	24.0	26.0	27.2	25.2	28.1
Delaware	36	64	75	57	74	76	15.8	27.1	31.8	24.0	31.0	31.7
Florida	217	479	404	488	503	518	19.0	34.6	29.2	34.1	38.0	34.4
Georgia	[5] 260	[6] 519	468	527	562	608	[5] 9.0	[6] 17.8	16.1	18.1	19.3	20.9
Idaho	[7] 46	87	90	81	109	88	[7] 10.5	19.7	20.3	18.2	24.5	19.7
Illinois	1,051	1,645	1,743	1,685	1,945	2,049	15.3	22.1	23.4	22.3	25.4	26.5
Indiana	399	772	784	897	965	1,023	13.1	24.2	24.6	27.9	29.7	31.4
Iowa	[8] 241	376	329	404	601	564	[8] 9.9	15.3	13.4	16.4	24.3	22.8
Kansas	193	322	304	373	439	402	10.7	17.3	16.3	19.9	23.3	21.3
Kentucky	167	357	342	389	477	514	6.7	13.8	13.3	15.0	18.2	19.5
Louisiana	162	332	348	373	371	412	8.5	16.2	17.0	17.9	17.6	19.4
Maine	83	127	115	151	159	159	10.7	16.0	14.5	19.0	19.9	19.9
Maryland	232	363	343	382	449	466	15.3	22.7	21.4	23.6	27.4	28.3
Massachusetts	609	732	724	781	779	813	15.3	17.5	17.3	18.5	18.3	19.0
Michigan	714	1,284	1,247	1,411	1,384	1,407	17.5	27.7	26.9	29.7	28.4	28.5
Minnesota	306	439	435	505	561	622	12.5	17.3	17.2	19.8	21.8	24.1
Mississippi	96	265	253	284	332	284	5.1	13.4	12.8	14.2	16.5	14.0
Missouri	391	605	625	651	739	844	11.2	16.8	17.4	18.0	20.3	23.1
Montana	60	100	118	114	100	118	11.0	18.5	21.9	21.2	18.6	21.9
Nebraska	119	224	217	265	286	201	9.0	16.4	15.9	19.3	20.7	21.0
Nevada	(3)	[9] 40	(3)	45	34	63	(3)	[9] 44.2	(3)	50.0	37.4	68.5
New Hampshire	59	83	76	98	103	100	13.1	18.0	16.5	21.1	22.1	21.4
New Jersey	643	1,040	1,015	1,209	1,211	1,229	18.6	26.7	26.1	30.4	29.8	29.9
New Mexico	(3)	[9] 104	(3)	97	111	95	(3)	[9] 24.7	(3)	23.2	26.1	22.2
New York	1,889	2,628	2,554	2,977	3,048	3,077	17.0	21.5	20.9	24.0	24.1	24.1
North Carolina	254	555	577	611	629	650	9.2	18.1	18.8	19.5	19.7	20.2
North Dakota	[10] 52	78	79	88	79	110	[10] 7.8	11.6	11.7	13.0	11.6	16.1
Ohio	988	1,706	1,708	1,990	2,019	1,970	10.3	26.3	26.3	30.2	30.3	29.3
Oklahoma	(3)	[5] 433	330	487	483	404	(3)	[5] 18.3	14.1	20.6	20.1	16.7
Oregon	125	221	249	221	253	292	14.9	23.9	26.9	23.5	26.4	30.2
Pennsylvania	1,405	2,011	1,882	2,159	2,422	2,412	15.6	21.2	19.9	22.6	25.1	24.9
Rhode Island	104	136	154	146	123	116	16.4	20.2	22.9	21.4	17.8	16.7
South Carolina	123	288	251	350	370	380	7.2	16.7	14.5	20.2	21.3	21.8
South Dakota	(3)	[11] 112	(3)	(3)	112	116	(3)	[11] 16.1	(3)	(3)	16.1	16.6
Tennessee	195	409	382	480	526	547	8.0	15.9	14.9	18.5	20.1	20.7
Utah	68	109	123	133	130	157	14.5	21.9	24.7	26.4	25.5	30.7
Vermont	42	62	69	64	71	71	11.8	17.3	19.3	17.8	19.7	19.7
Virginia	198	413	412	457	518	656	8.4	13.0	17.1	18.9	21.4	27.0
Washington	236	397	424	441	413	461	16.5	26.0	27.7	28.5	26.3	29.2
West Virginia	[2] 208	305	283	318	395	427	[2] 13.0	18.1	16.8	18.6	22.8	24.4
Wisconsin	306	568	620	612	712	731	11.2	19.7	21.5	21.0	24.2	24.7
Wyoming	[7] 51	65	59	73	72	98	[7] 24.7	29.5	26.8	32.7	31.9	43.0
REGISTRATION CITIES [12]												
Akron	39	82	83	90	100	77	18.0	34.3	35.7	35.5	39.1	29.3
Albany	28	40	39	35	48	45	23.7	32.0	31.2	27.7	37.6	34.9
Atlanta	53	76	71	89	87	95	23.5	29.2	27.2	33.4	32.0	34.2
Baltimore	130	188	185	198	206	228	17.1	23.7	23.3	24.8	25.5	27.8
Birmingham	46	63	63	76	70	82	22.3	25.6	25.6	29.9	26.8	30.4

For footnotes see following page.

No. 379.—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.	1928	1929	1930	1931	1921–1925, avg.	1926–1930, avg.	1928	1929	1930	1931
Boston	132	138	138	145	120	148	17.4	17.8	17.8	18.6	15.3	18.8
Bridgeport	25	36	44	39	40	59	17.3	24.6	30.1	26.6	27.2	40.1
Buffalo	111	156	151	184	175	153	21.0	27.8	26.9	32.4	30.5	26.3
Chicago	597	795	884	768	841	953	20.4	24.4	27.1	23.1	24.8	27.6
Cincinnati	91	136	132	150	167	149	21.8	30.5	29.8	33.5	36.9	32.6
Cleveland	189	281	273	312	303	286	22.7	31.8	30.9	34.9	33.6	31.4
Columbus	54	99	100	117	135	121	21.1	35.0	35.3	40.7	46.3	40.9
Dallas	37	64	66	67	78	81	19.2	26.2	27.0	26.4	29.7	29.7
Dayton	28	61	64	75	71	75	16.6	31.7	33.2	38.0	35.2	36.7
Denver	44	63	55	69	80	86	16.5	22.3	19.5	24.2	27.7	29.5
Des Moines	[8] 19	33	25	33	46	43	[8] 14.2	23.6	17.9	23.3	32.2	29.8
Detroit	242	388	360	392	384	372	21.0	26.8	24.8	25.8	24.2	22.5
Flint	19	44	42	49	50	53	16.2	30.1	28.7	32.2	31.6	32.3
Fort Worth	[7] 21	43	44	55	56	55	[7] 15.3	27.3	27.7	34.1	34.1	32.9
Grand Rapids	28	38	33	44	47	36	19.1	23.2	20.1	26.4	27.8	21.0
Hartford	38	46	51	49	37	55	25.9	28.8	31.9	30.2	22.5	32.9
Houston	28	77	71	115	101	101	15.5	29.6	26.2	40.6	34.2	32.6
Indianapolis	58	110	120	20	134	156	17.5	31.0	33.8	35.8	36.7	42.2
Jacksonville	25	45	38	53	45	56	24.7	35.6	30.1	41.4	34.6	42.5
Jersey City	46	56	48	73	55	43	15.1	17.9	15.3	23.1	17.3	13.5
Kansas City, Kans.	17	19	18	14	36	24	15.2	15.8	15.0	11.6	29.5	19.5
Kansas City, Mo.	78	92	96	82	118	137	22.3	23.8	24.8	20.8	29.4	33.5
Long Beach	22	39	27	57	48	60	25.8	30.2	20.9	41.7	33.4	39.4
Los Angeles	220	365	337	430	417	488	27.6	32.2	29.7	36.0	33.3	37.0
Louisville	53	80	80	86	87	109	18.9	26.1	26.1	28.0	28.3	35.4
Memphis	41	75	80	82	87	100	23.4	36.2	39.6	39.9	34.3	38.6
Milwaukee	73	114	127	112	110	108	14.8	20.5	22.9	19.6	19.0	18.2
Minneapolis	68	88	89	108	110	114	16.7	19.6	19.7	23.5	23.6	24.1
Nashville	29	51	43	64	64	71	23.1	34.9	30.1	41.8	41.5	45.7
New Haven	34	49	49	62	45	51	20.9	30.1	30.1	38.1	27.7	31.3
New Orleans	64	108	114	124	120	126	15.5	24.2	25.5	27.3	26.1	27.0
New York	961	1,191	1,120	1,342	1,310	1,299	15.8	17.8	16.7	19.6	18.8	18.3
Newark, N. J.	94	123	117	126	139	106	27.2	28.1	26.7	28.6	31.4	23.8
Norfolk	17	27	25	28	24	44	13.3	20.4	18.9	21.4	18.5	33.0
Oakland	44	74	72	85	111	101	18.4	27.2	26.4	30.5	38.9	34.6
Oklahoma City	15	44	34	59	76	55	12.2	26.1	20.2	33.0	40.5	27.9
Omaha	30	49	45	60	58	66	15.1	23.3	21.4	28.3	27.0	30.5
Paterson	39	50	57	59	50	52	28.5	36.2	41.3	42.7	36.1	37.5
Philadelphia	262	346	318	381	377	354	14.0	17.9	16.5	19.6	19.3	18.0
Pittsburgh	146	193	160	197	228	218	23.7	29.4	24.2	29.6	34.0	32.2
Portland, Oreg.	40	61	64	56	71	95	14.7	20.8	21.8	18.7	23.4	30.9
Providence	56	69	77	69	72	52	23.1	27.6	30.8	27.4	28.4	20.4
Richmond	28	49	52	51	59	90	16.0	27.1	28.7	28.0	32.2	48.8
Rochester	48	67	68	58	80	76	15.6	20.8	21.1	17.8	24.3	22.9
St. Louis	164	177	205	172	175	180	20.8	21.8	25.2	21.0	21.3	21.7
St. Paul	45	61	58	69	76	87	18.2	23.0	21.9	25.7	27.9	31.5
Salt Lake City	28	42	45	58	44	50	22.3	30.8	33.0	41.8	31.3	35.0
San Antonio	39	58	64	72	66	63	16.2	26.4	29.1	31.8	28.3	26.2
San Diego	30	57	63	62	77	66	30.3	41.6	46.0	43.3	51.5	42.2
San Francisco	107	137	138	119	133	125	19.4	22.4	22.5	19.0	20.9	19.4
Scranton	30	38	33	49	44	36	21.5	26.7	23.2	34.3	30.6	25.0
Seattle	52	85	90	104	83	116	15.6	23.8	25.2	28.7	22.6	31.2
Springfield, Mass.	22	35	26	40	46	33	16.1	23.9	17.8	27.0	30.6	21.7
Syracuse	37	53	59	59	61	70	20.3	26.1	28.9	28.5	29.0	32.8
Toledo	52	96	85	106	107	120	20.1	33.9	29.9	36.8	36.7	40.4
Trenton	32	48	50	58	57	56	26.5	39.1	40.8	47.1	46.2	45.2
Tulsa	[3]	[9] 39	31	37	50	33	[3]	[9] 29.4	26.1	27.1	35.2	22.6
Washington, D. C.	80	117	124	117	138	101	17.6	24.5	25.9	24.2	28.3	32.8
Worcester	33	40	35	33	53	37	17.8	20.8	18.2	17.0	27.1	18.8
Yonkers	16	22	19	27	19	24	14.3	17.1	14.8	20.4	14.0	17.3
Youngstown	36	63	63	88	64	69	25.7	40.8	41.6	57.4	37.5	39.9

[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.

20.—TRANSPORTATION AIR AND LAND—STEAM AND ELECTRIC RAILWAYS, EXPRESS COMPANIES, AND CIVIL AERONAUTICS

[Data in this section relate to continental United States unless otherwise stated]

GENERAL NOTE.—The total steam railroad mileage of the United States includes: (*a*) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission, (*b*) switching and terminal railroads, also reporting to the commission; and (*c*) private railroads (defined by the commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are divided into three classes, according to the amount of gross operating revenue in 1919: Class I, having more than $1,000,000 of such revenue; Class II, from $100,000 to $1,000,000; and Class III, less than $100,000. During recent years more detailed reports are required from Class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of Class II and Class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by Class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district the remainder of the country.

Class I companies make monthly reports and the yearly totals from these become available earlier than the sometimes slightly corrected totals from the final annual reports. The latest figures in these tables are in many cases from the monthly reports.

No. 380.—RAILWAY MILEAGE OWNED AND MILEAGE OPERATED CLASSIFIED BY TRACKAGE

NOTE.—Beginning with 1908 switching and terminal roads are omitted (they operate about 2,000 miles of first main track). The first and second columns cover all railways including "circular" and "unofficial" lines; the last five columns omit "circular" and "unofficial" lines. Mileage owned excludes all duplication and covers continental United States only. Mileage operated includes some duplication under trackage rights and some mileage in Canada operated by United States companies

Year	Miles of road (first track) owned	Miles operated					
		All railways: Road (first track)	Reporting railways				Class I railways: Road (first track)
			Road (first track)	Other main tracks	Yard track and sidings	Total track	
June 30, 1890	163, 597	167, 191	156, 404	9, 760	33, 711	199, 875	----------
1895	180, 657	184, 628	177, 746	12, 348	43, 181	233, 275	----------
1900	193, 346	198, 964	192, 556	14, 075	52, 153	258, 784	----------
1905	218, 101	225, 196	216, 974	19, 881	69, 942	306, 797	----------
1910	240, 293	249, 992	240, 831	25, 354	85, 582	351, 767	----------
1911	243, 979	254, 732	246, 238	27, 612	88, 974	362, 824	216, 877
1912	246, 777	258, 033	249, 852	29, 367	92, 019	371, 238	220, 063
1913	249, 777	261, 036	253, 470	30, 827	95, 211	379, 508	224, 236
1914	252, 105	263, 547	256, 547	32, 376	98, 285	387, 208	226, 999
1915	253, 789	264, 378	257, 560	33, 662	99, 910	391, 141	228, 980
Dec. 31, 1916	254, 037	266, 381	259, 705	34, 325	102, 984	397, 014	231, 674
1917	253, 626	266, 015	259, 705	35, 066	105, 582	400, 353	232, 697
1918	253, 529	264, 233	258, 507	36, 228	107, 608	402, 343	233, 145
1919	253, 152	263, 707	258, 526	36, 730	108, 637	403, 892	234, 363
1920	252, 845	263, 821	259, 941	36, 894	109, 744	406, 579	235, 234
1921	251, 176	262, 544	258, 362	37, 614	111, 555	407, 531	234, 702
1922	250, 413	261, 984	257, 425	37, 888	114, 046	409, 359	234, 976
1923	250, 222	262, 482	258, 084	38, 697	116, 212	412, 993	235, 574
1924	250, 156	262, 158	258, 238	39, 916	116, 874	415, 028	235, 894
1925	249, 398	261, 871	258, 631	40, 962	118, 361	417, 954	236, 849
1926	249, 138	261, 502	258, 815	41, 686	120, 840	421, 341	237, 054
1927	249, 131	262, 091	259, 639	42, 071	123, 027	424, 737	238, 634
1928	249, 309	262, 713	260, 546	42, 432	124, 772	427, 750	240, 747
1929	249, 433	262, 546	260, 570	42, 711	125, 774	429, 055	242, 015
1930	249, 052	262, 215	260, 440	42, 742	126, 701	429, 883	242, 391
1931	248, 829	261, 816	259, 999	42, 780	127, 044	429, 823	242, 292

Source: Interstate Commerce Commission.

No. 381.—RAILWAY MILEAGE OWNED: BY STATES

NOTE.—See headnote to Table 380. 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	1925	1930	1931
United States [3]	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,398	249,052	248,829
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,754	7,596	7,589
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,228	2,193	2,192
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,234	1,165	1,165
Vermont	554	614	914	921	1,012	1,100	1,077	1,057	1,056	1,051
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,071	2,022	2,014
Rhode Island	108	136	210	213	212	212	211	196	191	194
Connecticut	601	742	923	1,007	1,024	1,000	1,001	968	969	973
Middle Atlantic	5,840	9,709	13,882	18,161	20,709	21,980	22,293	22,003	21,752	21,722
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,390	8,373	8,312	8,282
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,352	2,292	2,299	2,285
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,338	11,141	11,155
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,380	31,935	31,644	31,549
Delaware	127	197	275	323	347	335	336	332	325	325
District of Columbia	[4]	[4]	[4]	30	32	36	36	37	36	36
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,447	1,443	1,439
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,554	4,516	4,492
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,038	4,046	4,125
North Carolina	937	1,178	1,486	3,001	3,831	4,932	5,522	5,347	5,161	5,058
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,748	3,780	3,775
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,326	6,980	6,671	6,671
Florida	402	446	518	2,471	3,299	4,432	5,212	5,452	5,666	5,628
East North Central	9,683	14,701	25,109	36,924	41,007	44,928	44,904	43,843	43,770	43,543
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,002	8,812	8,804	8,733
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,187	7,106	7,108
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	11,994	12,500	12,472
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,734	8,349	8,072	8,020
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,554	7,501	7,288	7,210
West North Central	1,472	8,046	19,094	38,354	42,988	48,730	52,180	51,858	51,400	51,383
Minnesota		1,092	3,151	5,466	6,943	8,669	9,114	8,787	8,779	8,778
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,808	9,814	9,698	9,685
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,117	8,051	7,807	7,970
North Dakota		[5] 65	[5] 1,225	1,941	2,731	4,201	5,311	5,277	5,275	5,275
South Dakota		[5]	[5]	2,486	2,850	3,948	4,276	4,245	4,238	4,219
Nebraska		705	1,953	5,295	5,685	6,067	6,166	6,189	6,174	6,173
Kansas		1,501	3,400	8,806	8,719	9,007	9,388	9,493	9,339	9,283
South Central	3,362	4,656	8,343	11,144	13,343	17,074	17,754	17,492	17,452	17,358
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,929	4,005	4,054	3,991
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	4,063	3,940	3,941
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,378	5,254	5,249	5,256
Mississippi	862	990	1,127	2,332	2,920	4,506	4,369	4,170	4,209	4,170
West South Central	680	1,417	5,044	13,782	15,221	31,122	32,972	32,588	33,227	33,398
Louisiana	335	450	652	1,750	2,824	5,554	5,223	4,868	4,654	4,639
Texas	307	711	3,244	8,613	9,886	14,282	16,125	16,198	17,069	17,204
Oklahoma			289	1,214	2,151	5,980	6,572	6,621	6,678	6,742
Arkansas	38	256	850	2,196	3,360	5,306	5,052	4,901	4,826	4,813
Mountain		1,466	5,082	12,676	15,808	22,956	25,170	24,723	24,973	24,973
Montana			106	2,181	3,010	4,207	5,072	5,037	5,228	5,212
Wyoming		459	512	942	1,229	1,645	1,931	1,992	2,036	2,037
Colorado		157	1,570	4,176	4,527	5,533	5,519	5,077	4,972	4,964
New Mexico			758	1,324	1,753	3,032	2,972	2,998	2,973	3,009
Arizona			349	1,097	1,512	2,097	2,478	2,378	2,494	2,472
Utah		257	842	1,090	1,547	1,986	2,161	2,189	2,196	2,196
Nevada		593	739	925	909	2,277	2,160	2,137	2,109	2,131
Idaho			206	941	1,261	2,179	2,877	2,915	2,965	2,962
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,248	17,204	17,238	17,314
Washington			289	1,783	2,914	4,875	5,587	5,559	5,542	5,524
Oregon		150	508	1,428	1,724	2,285	3,305	3,357	3,456	3,473
California	23	925	2,195	4,356	5,751	7,772	8,356	8,288	8,240	8,317
Alaska Territory					22	390	246	801	790	750
Hawaii Territory						175	243	252	232	232

[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. 382.—RAILWAY MILEAGE OWNED AND OPERATED

NOTE.—See note to Table 380. 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	1890	163,597	156,404	1911	243,979	246,238
1850		9,021	1891	168,403	161,275	1912	246,777	249,852
1855		18,374	1892	171,564	162,397	1913	249,777	253,470
1860		30,626	1893	176,461	169,780	1914	252,105	256,547
1865		35,085	1894	178,709	175,691	1915	253,789	257,569
1870		52,922	1895	180,657	177,746	1916	254,037	259,705
1875		74,096	1896	182,777	181,983	1917	253,626	259,705
1876		76,808	1897	184,428	183,284	1918	253,529	258,507
1877		79,082	1898	186,396	184,648	1919	253,152	253,525
1878		81,747	1899	189,295	187,535	1920	252,845	260,941
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	259,630
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		161,276	1910	240,293	240,831	1931	248,829	259,990

Source: Poor's Manual of Railroads prior to 1890; Interstate Commerce Commission thereafter.

No. 383.—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 387

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	2,024,719	33,188	92,280
1920	235,234	36,737	105,408	377,379	64,746	2,340,761	36,365	98,343
1922	234,976	37,704	109,463	382,143	64,512	2,401,452	37,441	98,844
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	106,846
1928	240,747	42,255	120,479	403,481	59,441	2,579,043	43,838	105,322
1929	242,015	42,556	121,882	406,453	57,537	2,550,813	44,801	105,411
1930	242,301	42,584	123,024	407,999	56,493	2,526,940	45,225	106,180
1931	242,292	[1] 42,627	123,318	408,237	55,055	2,488,861	45,764	103,422
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
1928	59,450	23,354	46,184	128,988	25,919	1,159,102	45,425	51,087
1929	60,362	23,448	46,677	130,487	24,921	1,141,547	46,563	50,908
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
Southern district:								
1916	42,753	3,940	15,695	62,388	9,754	323,023	33,105	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	11,153	457,579	41,112	18,968
1928	45,760	6,122	21,241	73,123	11,126	485,761	43,944	19,389
1929	45,758	6,149	21,387	73,294	10,808	478,826	44,600	19,177
1930	46,087	6,377	21,832	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
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
1928	135,537	12,779	53,054	201,370	22,396	934,780	41,967	34,846
1929	135,895	12,959	53,818	202,672	21,803	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

[1] Includes second track, 36,861 miles; third track, 3,211 miles; fourth and other, 2,555 miles.

Source: Interstate Commerce Commission.

No. 384.—MILEAGE OF ROAD AND TRACKS OPERATED: CLASS I CARRIERS, BY DISTRICTS

NOTE.—Figures include some mileage in Canada operated by United States companies as follows: 1916, 2,097 miles; 1920, 1,949 miles; 1925, 3,087 miles; 1930, 2,898 miles; 1931, 2,887 miles, consisting of 1,710 miles of road, 501 miles of second main track, 68 miles of industrial tracks, and 608 miles of yard track and sidings. Figures also include some industrial tracks as follows: 1925, 20,407 miles; 1930, 21,094 miles; 1931, 21,687 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	304,137	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	242,301	36,755	3,239	2,590	123,024	5,098	2,381	1,432	1,285
1931	408,237	242,202	36,861	3,211	2,555	123,318	5,225	2,395	1,464	1,366
Eastern district:										
1916	120,110	59,175	16,666	2,408	1,805	40,056	[1]	[1]	[1]	[1]
1930	129,697	60,014	18,335	2,762	2,034	46,552	3,173	1,233	1,169	771
1931	129,501	59,920	18,316	2,735	2,006	46,524	3,297	1,255	1,196	846
Southern district:										
1916	62,389	42,753	3,725	43	173	15,695	[1]	[1]	[1]	[1]
1930	74,346	46,087	5,904	144	329	21,882	657	270	182	205
1931	74,345	46,105	5,909	143	311	21,877	660	270	182	208
Western district:										
1916	181,638	129,746	8,832	265	212	42,583	[1]	[1]	[1]	[1]
1930	203,956	136,200	12,516	333	227	54,590	1,268	878	81	309
1931	204,391	136,267	12,636	333	238	54,917	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. 385.—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, 1909	1,549	1,333	67,925	33,223	1,786	1,591
1910	3,073	1,452	134,503	75,652	3,505	1,914
1911	3,694	1,408	125,532	68,031	4,250	1,761
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	1,355
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	2,573	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

[1] Excludes units transferred from one class of service to another.

Source of Tables 384 and 385: Interstate Commerce Commission.

No. 386.—RAILWAY EQUIPMENT IN SERVICE, ALL REPORTING COMPANIES

NOTE.—"All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive power 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, number	Total number	Capacity		
		Number	Tractive power				Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lbs.)	Average (lbs.)					
June 30, 1890	30,140	-------	-------	-------	------	918,491	-------	-------	26,820
1900	37,663	-------	-------	-------	------	1,865,531	-------	-------	34,713
1910	60,019	-------	1,588,894	27,282	------	2,148,478	76,579	35.9	47,179
1915	66,502	66,229	[2] 2,014,201	[2] 31,546	273	2,341,567	[3] 92,238	[3] 39.6	55,810
Dec. 31, 1916	65,595	65,253	[2] 2,066,166	[2] 32,890	342	2,329,475	[3] 94,441	[3] 40.8	55,193
1917	66,070	65,699	[4] 2,087,950	[4] 33,932	371	2,379,472	[4] 95,467	[4] 41.5	55,939
1918	67,936	67,563	[4] 2,223,246	[4] 34,995	373	2,397,943	[4] 96,767	[4] 41.6	56,611
1919	68,977	68,592	[4] 2,312,634	[4] 35,789	385	2,426,889	[4] 99,001	[4] 41.9	56,290
1920	68,942	68,554	[4] 2,340,761	[4] 36,365	388	2,388,424	[4] 98,343	[4] 42.4	56,102
1921	69,122	68,733	[4] 2,385,470	[4] 36,935	389	2,378,510	[4] 98,504	[4] 42.5	50,950
1922	68,518	68,121	[4] 2,401,452	[4] 37,441	397	2,352,433	[4] 98,847	[4] 43.1	56,827
1923	69,414	69,005	[4] 2,544,115	[4] 39,177	409	2,379,131	[4] 101,318	[4] 43.8	57,159
1924	69,486	69,114	[4] 2,593,178	[4] 39,891	372	2,411,627	[4] 104,149	[4] 44.3	57,451
1925	68,092	67,713	[4] 2,586,868	[4] 40,666	379	2,414,083	[4] 105,570	[4] 44.8	56,814
1926	66,816	66,381	[4] 2,611,238	[4] 41,886	435	2,403,967	[4] 105,953	[4] 45.1	56,855
1927	65,348	64,843	[4] 2,606,171	[4] 42,798	467	2,378,800	[4] 105,846	[4] 45.5	55,729
1928	63,311	62,642	[4] 2,579,643	[4] 43,838	617	2,346,751	[4] 105,322	[4] 45.8	54,800
1929	61,257	60,572	[4] 2,550,813	[4] 44,801	621	2,323,683	[4] 105,411	[4] 46.3	53,838
1930	60,189	59,406	[4] 2,526,940	[4] 45,225	663	2,322,267	[4] 106,180	[4] 46.6	53,584
1931	58,052	57,820	[4] 2,488,861	[4] 45,764	709	2,245,904	[4] 103,422	[4] 47.0	52,096

[1] Excludes caboose cars.
[2] Class I, Class II, and Class III roads.
[3] Class I and Class II roads.
[4] Class I roads.

No. 387.—CLASSIFICATION OF RAILWAY CARS IN SERVICE

NOTE.—Data for 1910 relate to June 30, thereafter to Dec. 31. Figures for "All operating companies" include switching and terminal companies but not circular and unofficial lines. Cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies, are not included

	All operating companies					Class I, 1931			
	1910	1920	1925	1930	1931	Total	Eastern district	Southern district	Western district
Freight cars [1]	2,148,478	2,388,424	2,414,083	2,322,287	2,245,904	2,201,407	1,008,208	418,034	775,165
Box	966,603	1,056,514	1,086,562	1,064,652	1,022,627	1,017,445	439,704	167,988	409,753
Flat	153,958	117,604	113,562	108,181	104,878	96,124	20,323	19,379	56,422
Stock	78,811	81,678	87,452	84,460	81,412	80,481	13,532	7,366	59,583
Coal	818,731	968,034	979,483	930,624	906,008	884,690	510,812	210,557	163,321
Tank	7,434	11,130	12,151	10,981	10,616	9,388	26	21	9,341
Refrigerator	30,918	60,768	49,488	41,006	38,996	38,338	3,187	5,076	30,075
Other	78,666	92,696	85,385	82,363	81,367	74,941	20,624	7,647	46,670
Steel [2]	[3]	630,150	757,065	854,864	843,542	843,542	552,879	161,153	129,510
Steel underframe [2]	[3]	886,296	1,056,125	1,118,257	1,101,565	1,101,565	422,047	193,762	485,756
Caboose cars	27,224	29,575	31,325	29,779	29,233	28,335	11,711	5,592	11,032
Passenger-train cars	[4] 47,179	56,102	56,814	53,584	52,096	50,747	25,641	7,595	17,511
Coaches	25,881	29,343	28,744	25,178	24,255	23,654	12,806	3,435	7,323
Combination	5,697	8,570	8,624	8,252	8,107	7,485	3,147	1,289	3,049
Emigrant	97	11	7	-------	-------	-------	-------	-------	-------
Parlor	634	574	502	507	491	486	86	74	326
Sleeping	490	558	377	223	215	213	8	5	200
Baggage and express	[5] 11,524	12,101	13,174	12,981	12,578	12,499	6,376	1,720	4,403
Postal	[6]	1,243	1,092	954	952	946	359	186	401
Other	2,752	3,702	4,294	5,489	5,498	5,464	2,769	886	1,809
Steel [2]	[3]	15,111	21,190	29,041	29,203	29,203	16,501	3,669	9,033
Steel underframe [2]	[3]	6,573	9,369	10,376	10,335	10,335	5,516	1,632	3,187
Company service equipment	80,891	108,485	112,592	109,527	105,794	102,515	34,353	17,522	50,640
Motor cars and trailers [2]	[3]	[3]	2,469	5,594	5,663	5,663	4,289	423	951

[1] Excludes caboose cars; total for 1910 includes 13,357 unclassified cars.
[2] Data represent Class I roads only.
[3] Data not available.
[4] Includes 104 unclassified cars.
[5] Postal cars included with baggage and express.

Source of Tables 386 and 387: Interstate Commerce Commission.

No. 388.—EMPLOYEES OF RAILWAYS: NUMBER AND COMPENSATION[1]

Year ended—	All operating carriers: Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation: Per hour[2]	Average compensation: Per year
June 30:				
1890	749,301			
1895	785,034	446,508		$568
1900	1,017,653	577,265		567
1901	1,071,169	610,714		570
1902	1,189,315	676,029		568
1903	1,312,537	757,321		577
1904	1,290,121	817,599		631
1905	1,382,196	889,945		608
1906	1,521,355	900,802		592
1907	1,672,074	1,072,386		641
June 30:				
1908	1,436,275	1,035,438		$721
1909	1,502,823	988,324		658
1910	1,699,420	1,143,725		673
1911	1,669,809	1,208,406		724
1912	1,716,380	1,252,348		730
1913	1,815,239	1,373,831		757
1914	1,710,296	1,381,117		808
1916	1,654,075	1,403,968	$0.266	849
Dec. 31:				
1916	1,700,814	1,506,961	.275	886

Year ended Dec. 31—	All operating carriers: Average number of employees	Class I carriers: Average number of employees	Total hours (thousands)	Total yearly compensation (1,000 dollars)	Average hours per employee	Average compensation: Per hour[2]	Average compensation: 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	[4] 1,051,676	1,031,914	2,378,668	1,512,822	2,305.1	.636	1,466

[1] Data exclude switching and terminal companies beginning 1910. Class III roads are excluded in 1913. Exclusion of the latter has practically no effect on the comparability of the figures. Information for 1915 is incomplete, as 20 of the larger railways did not report, and is not shown.
[2] Calculated for all classes of employees, including those not paid on an hourly basis.
[3] Data cover Federal reports, reports of companies not under Federal control, and corporate reports.
[4] Estimated from data for Class I roads.

Source: Interstate Commerce Commission.

No. 389.—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 footnote or stub. Data shown for principal occupations only. Data for occupations not shown included in group totals

District or class	Average number of employees: 1931	Average number of employees: 1932	Total compensation (1,000 dollars): 1931	Total compensation (1,000 dollars): 1932	Average per hour, straight time (dollars): 1931	Average per hour, straight time (dollars): 1932	Average per month, total compensation (dollars): 1931	Average per month, total compensation (dollars): 1932
All employees, all districts	**1,276,175**	**1,048,568**	**2,127,181**	**1,535,928**				
Daily basis	*108,798*	*94,096*	*299,382*	*233,139*	*8.57*	*7.73*	*229*	*206*
Hourly basis	*1,169,377*	*954,472*	*1,827,799*	*1,303,789*	*.644*	*.593*	*130*	*113*
Eastern district	575,449	476,035	975,814	696,238				
Daily basis	*52,989*	*45,843*	*139,015*	*104,669*	*8.20*	*7.30*	*219*	*192*
Hourly basis	*522,460*	*430,692*	*836,799*	*591,569*	*.677*	*.624*	*133*	*114*
Southern district	240,174	193,029	371,187	267,572				
Daily basis	*17,568*	*15,503*	*51,165*	*40,708*	*9.04*	*8.11*	*243*	*219*
Hourly basis	*222,606*	*177,526*	*320,022*	*226,864*	*.593*	*.558*	*120*	*106*
Western district	462,552	379,504	780,180	572,118				
Daily basis	*38,241*	*33,260*	*109,202*	*86,762*	*8.87*	*8.12*	*238*	*217*
Hourly basis	*424,311*	*346,254*	*670,978*	*485,356*	*.631*	*.582*	*132*	*117*

No. 389.—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)	
	1931	1932	1931	1932	1931	1932	1931	1932
Executives, officials, and staff assistants	15,399	13,616	88,410	71,269				
Daily basis	*15,399*	*13,616*	*88,410*	*71,269*	*18.86*	*16.55*	*478*	*436*
Professional, clerical, and general	222,733	185,165	391,917	296,948				
Daily basis	*48,020*	*40,689*	*114,073*	*87,961*	*7.74*	*7.08*	*198*	*180*
Hourly basis	*174,713*	*144,476*	*277,844*	*208,987*	*.642*	*.590*	*133*	*121*
Maintenance of way and structures	275,486	215,887	297,434	195,964				
Daily basis	*4,563*	*3,926*	*13,456*	*10,400*	*9.32*	*8.37*	*246*	*221*
Hourly basis	*270,923*	*211,961*	*283,978*	*185,554*	*.495*	*.427*	*87*	*73*
Maintenance of equipment and stores	344,033	282,971	506,256	349,943				
Daily basis	*12,808*	*10,574*	*38,177*	*27,293*	*9.16*	*8.22*	*248*	*219*
Hourly basis	*331,225*	*272,597*	*468,079*	*322,650*	*.642*	*.582*	*118*	*99*
Transportation (other than train service, engine, and yard)	159,038	134,265	238,984	181,961				
Daily basis	*22,641*	*21,414*	*28,185*	*22,702*	*8.58*	*8.21*	*104*	*92*
Hourly basis	*136,397*	*112,851*	*210,748*	*158,259*	*.593*	*.550*	*129*	*117*
Transportation (yardmasters, switch tenders, and hostlers)	17,607	14,112	40,374	28,453				
Daily basis	*5,367*	*4,077*	*17,082*	*11,514*	*8.97*	*8.08*	*265*	*235*
Hourly basis	*12,240*	*10,035*	*23,292*	*16,939*	*.690*	*.629*	*159*	*141*
Transportation (train and engine service)	243,879	202,552	563,857	411,399				
Hourly basis	*243,879*	*202,552*	*563,857*	*411,399*	*.847*	*.773*	*193*	*169*

No. 390.—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	596,350
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	15,250	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	(2)	(2)	13	11,817	626,577
1906	34	3,971	6	204	55,042						
1907	29	3,926	7	317	13,585						

[1] Data relate to June 30 prior to 1916, Dec. 31 thereafter. [2] Data not available.

Sources: Table 389, Interstate Commerce Commission; Table 390, first two columns, Interstate Commerce Commission; others, The Railway Age, Chicago.

No. 391.—CAPITALIZATION OF RAILROADS: ALL REPORTING COMPANIES

NOTE.—All amounts except "per mile of road" in millions of dollars. Switching and terminal companies excluded beginning with 1910; their total capitalization in 1931 was $775,663,816. Figures include both operating and nonoperating railways. The gross figures include considerable amounts of securities held by the companies issuing them as well as larger amounts held by other railway companies

Year	Total capitalization				Held by railroads		Net capitalization				
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road (dollars)	Stock	Funded debt	Funded debt, per cent of total
June 30, 1890	8,984	3,803	606	4,575	964	443	7,577	----------	3,445	4,132	54.5
1900	11,491	4,522	1,323	5,645	1,470	473	9,548	----------	4,375	5,172	54.2
1905	13,805	5,181	1,374	7,251	2,070	568	11,167	----------	4,485	6,683	59.8
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	66,899	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	1,808	11,859	2,314	2,086	16,550	67,170	6,777	9,773	59.1
1920	21,891	7,216	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
1921	22,202	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	2,380	2,621	17,280	70,899	6,751	10,528	60.9
1923	22,339	7,398	1,852	13,089	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	23,944	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	76,598	7,213	11,467	61.4
1930	24,331	8,009	2,074	14,248	2,897	2,368	19,066	77,343	7,186	11,880	62.3
1931	24,343	8,030	2,049	14,264	2,968	2,434	18,941	76,822	7,111	11,830	62.5

No. 392.—RAILWAY STOCK OUTSTANDING, DIVIDENDS, AND INTEREST

NOTE.—Data relate to years ending June 30 prior to 1916 and to calendar years thereafter. Nonoperating as well as operating roads are included. Switching and terminal roads are excluded beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1918 excludes the unimportant Class III roads. The amount of stock shown in the first column is exclusive of stock held by the issuing company, but includes that held by other railway companies

Year or yearly average	Stock			Dividends			Interest accrued on funded debt (1,000 dolls.)
	Actually outstanding (1,000 dolls.)	Paying dividends (1,000 dolls.)	Per cent paying dividends	Amount declared (1,000 dolls.)	Per cent on stock paying dividends	Per cent on all stock outstanding	
1891–1895	----------	1,737,048	----------	94,093	5.42	----------	243,013
1896–1900	----------	1,977,832	----------	104,295	5.27	----------	249,548
1901–1905	----------	3,505,694	----------	199,762	5.70	----------	285,755
1906–1910	----------	4,930,368	----------	339,685	6.89	----------	363,470
1908	7,300,739	4,843,371	65.69	390,695	8.07	5.30	368,296
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	5,667,078	64.39	451,653	7.97	5.13	442,595
1915	8,635,319	5,219,847	60.45	328,478	6.29	3.80	464,186
1916	8,755,404	5,430,123	62.02	366,561	6.75	4.19	481,426
1917	9,003,797	5,610,774	62.32	381,852	6.81	4.24	474,123
1918	8,846,717	5,138,851	58.09	339,186	6.60	3.83	468,286
1919	8,883,125	5,298,321	59.64	335,242	6.33	3.77	476,075
1920	8,843,100	5,075,040	57.30	331,103	6.52	3.74	500,354
1921	8,880,921	5,059,844	56.92	456,482	9.02	5.13	529,398
1922	8,961,637	5,321,347	59.38	338,806	6.37	3.78	538,594
1923	9,092,933	5,646,076	62.09	411,882	7.30	4.53	551,705
1924	9,300,054	6,042,268	64.97	385,130	6.37	4.14	588,301
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	7,702,921	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

Source of Tables 391 and 392: Interstate Commerce Commission.

No. 393.—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:								
1916	19, 630, 610	7, 506, 045	2, 880, 243	9, 244, 322	16, 088, 847	660, 027	143, 862	2, 737, 874
1920	20, 098, 046	7, 881, 150	3, 004, 582	9, 212, 314	16, 855, 230	637, 113	107, 269	2, 598, 434
1925	21, 734, 096	8, 527, 168	3, 444, 426	9, 762, 502	18, 093, 164	437, 022	86, 157	3, 112, 753
1930	22, 782, 889	9, 128, 919	3, 658, 575	9, 995, 395	19, 006, 276	349, 079	64, 814	3, 362, 720
1931	22, 747, 228	9, 165, 961	3, 618, 847	9, 962, 420	19, 007, 175	351, 795	61, 855	3, 326, 403
Stock:								
1916	8, 755, 403	3, 426, 697	1, 167, 376	4, 161, 330	6, 953, 102	382, 614	91, 634	1, 328, 053
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, 935
1930	10, 011, 538	4, 290, 108	1, 461, 628	4, 259, 802	8, 267, 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
Funded debt:								
1916	10, 875, 207	4, 079, 348	1, 712, 867	5, 082, 992	9, 135, 745	277, 413	52, 228	1, 409, 821
1920	11, 254, 946	4, 406, 938	1, 837, 773	5, 010, 235	9, 645, 495	250, 425	40, 022	1, 319, 004
1925	12, 320, 995	4, 755, 830	2, 119, 954	5, 445, 211	10, 464, 708	183, 814	29, 705	1, 642, 768
1930	12, 771, 351	4, 838, 811	2, 196, 947	5, 735, 593	10, 739, 147	141, 523	19, 746	1, 870, 935
1931	12, 738, 815	4, 865, 496	2, 158, 144	5, 715, 175	10, 735, 198	139, 247	17, 925	1, 846, 445
1931								
Common stock	7, 973, 946	3, 628, 686	1, 254, 297	3, 090, 963	6, 390, 298	196, 850	42, 667	1, 344, 131
Preferred stock	2, 034, 467	671, 779	206, 406	1, 156, 282	1, 881, 679	15, 698	1, 263	135, 827
Mortgage bonds	9, 993, 111	3, 755, 776	1, 702, 273	4, 535, 062	8, 173, 342	131, 113	15, 349	1, 673, 307
Collateral trust bonds	576, 485	261, 221	144, 784	170, 480	519, 567	151	20	56, 747
Income bonds	346, 508	23, 812	14, 552	308, 144	324, 181	2, 626	1, 382	18, 319
Miscellaneous obligations	941, 649	455, 695	83, 398	402, 556	880, 886	3, 160	1, 139	56, 464
Equipment obligations	881, 062	368, 992	213, 137	298, 933	837, 222	2, 197	35	41, 608

No. 394.—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
1914	17, 153, 786	72, 079	674, 190	3. 93	246, 187	576, 487	380, 339
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, 053, 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	270, 929
1919	19, 300, 121	79, 974	454, 132	2. 35	(4)	[3] 630, 559	281, 669
1920	19, 849, 320	81, 954	12, 101	. 06	(4)	[3] 640, 516	275, 343
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	363, 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	[3] 268, 142	[3] 688, 387	349, 089
1926	23, 880, 740	97, 433	1, 229, 020	5. 15	[3] 297, 629	[3] 701, 065	411, 208
1927	24, 453, 871	99, 546	1, 077, 843	4. 41	[3] 311, 198	[3] 706, 284	503, 146
1928	24, 875, 984	100, 974	1, 182, 467	4. 75	[3] 320, 011	[3] 706, 052	436, 217
1929	25, 465, 036	103, 197	1, 262, 636	4. 96	[3] 359, 747	[3] 714, 638	495, 245
1930	26, 051, 000	105, 661	874, 154	3. 36	[3] 358, 893	[3] 703, 864	511, 259
1931	26, 094, 899	105, 953	528, 204	2. 02	[3] 305, 597	[3] 696, 463	333, 986

[1] Prior to 1925 figures include investment of leased lines and exclude investment of proprietary companies which do not render annual reports. Beginning with 1925, the investment in road and equipment of proprietary companies is included as follows: 1925, $493,923,000; 1926, $831,574,000; 1927, $919,095,000; 1928, $1,013,752,000; 1929, $1,051,469,000; 1930, $1,095,630,527; 1931, $1,114,637,188. 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 393 and 394: Interstate Commerce Commission

No. 395.—FREIGHT TRAFFIC: TRAIN AND CAR MOVEMENT

NOTE.—Figures prior to 1916 relate to years ended June 30, thereafter to calendar years. Switching and terminal roads excluded beginning with 1908. The tonnage "per loaded car" for "All roads" is based on revenue tonnage only; and for "Class I roads" on revenue and nonrevenue tonnage, with exception of the "District" figures for 1916–1920. Tons are of 2,000 pounds

Class and year or yearly average	Train-miles (thousands)	Car-miles (thousands)		Tons of revenue freight		Freight revenue		Average miles per car per day
		Loaded (revenue and nonrevenue)	Empty	Per train	Per loaded car	Per train-mile (dollars)	Per loaded car-mile (cents)	
All roads:								
1891–1895	467,209			184		1.02		
1896–1900	489,723			229		1.76		
1901–1905	510,896	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	6,160,216	432	20.7	3.19		
1916–1920	617,430	15,444,150	6,904,625	604	25.3	[1] 5.30		
1921–1925	577,344	15,243,111	8,096,532	021	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	620,496	12,859,386	5,832,515	383	19.7	2.90		
1912	612,345	13,088,382	5,707,144	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	16,830,710	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	589,016	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] 7.50	[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
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
1929	589,319	18,084,276	10,747,606	730	26.9	7.86	26.4	32.3
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	390,591	10,396,339	6,737,823	600	24.9	6.27	23.6	19.8
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	219,488	6,956,068	4,125,220	818	28.1	8.92	28.6	26.4
1929	222,537	7,343,854	4,335,313	849	28.0	9.25	28.4	28.1
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	138,736	4,136,473	2,691,507	712	25.8	7.55	25.3	17.1
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
1929	121,007	3,360,201	2,144,137	752	30.3	6.79	25.1	37.7
1930	108,787	2,963,986	2,010,480	739	30.5	6.57	24.9	32.6
1931	94,529	2,519,692	1,727,286	696	29.7	6.20	24.3	27.4
1932	81,038	2,004,108	1,356,895	672	29.8	5.85	23.6	21.8
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	234,361	6,992,814	4,014,202	606	24.0	7.08	24.8	33.4
1929	245,775	7,380,221	4,268,216	616	24.1	7.15	24.9	35.2
1930	215,898	6,447,855	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	170,817	4,255,758	2,689,421	475	21.8	5.43	21.8	22.3

[1] Data available for Class I roads only. [2] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 396.—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	1,206,313	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	--------	1,465,688	304.96	169.41	4,377,618	1.166
1926–1930	1,364,607	2,481,018	430,310	--------	1,667,292	315.34	173.44	4,660,122	1.090
1901	583,692	1,089,226	147,077	--------	760,414	251.98	135.03	1,118,543	.750
1902	657,847	1,200,316	157,289	--------	798,351	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	869,708	1,532,982	218,382	--------	974,654	253.94	143.33	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	1,968,599	.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	2,347,396	366,173	--------	1,409,957	277.98	155.99	2,631,092	.719
1917	1,382,005	2,453,423	398,263	--------	1,598,211	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	2,186,285	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	460,189	--------	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
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
1930	1,153,197	2,063,078	383,450	420,016	1,583,465	332.51	185.86	4,075,698	1.063
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	234,320	259,004	977,017	362.60	202.17	2,448,924	1.045
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
1930	495,974	1,055,454	160,533	172,772	2,669,853	323.67	152.10	1,733,351	1.080
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	98,744	106,545	1,675,270	344.60	163.99	1,048,023	1.061
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
1930	261,144	383,374	83,787	91,097	1,822,442	320.85	218.55	744,075	.888
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	59,679	1,188,811	339.11	235.72	473,958	.870
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	1.103
1930	396,079	624,250	139,130	156,147	1,022,596	351.27	222.88	1,598,262	1.149
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	81,099	92,780	600,444	407.48	248.95	926,943	1.143

[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. 397.—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)													
1911	231.2	211.6	196.0	223.5	214.9	226.2	228.4	228.9	249.9	253.6	261.9	244.2	234.9
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	357.3	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	438.1	453.4
1920	519.0	500.8	424.6	460.2	462.3	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	525.9	502.5	446.9	535.8	523.3	548.1	541.3	536.3	504.5	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	476.1	511.5	503.2	513.7	558.8	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	338.7	376.2	369.8	369.0	369.8	377.0	364.4	350.3	363.2	305.4	288.6
1932	263.5	275.4	267.3	290.0	267.8	254.7	246.2	237.8	252.1	272.5	298.5	253.6	240.1
FREIGHT REVENUE (millions of dollars)													
1915	178.9	147.2	143.3	163.4	161.9	165.3	168.8	170.3	181.0	198.7	220.6	219.3	206.4
1916	214.6	185.9	191.1	212.3	202.7	217.9	208.1	204.2	227.3	228.8	245.6	236.4	214.6
1917	236.1	211.7	185.1	227.3	227.9	251.9	247.3	241.6	260.3	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	360.9	342.1	365.4	322.6	309.7
1919	296.3	278.4	242.3	256.0	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	308.8	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	395.0	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	376.6	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	204.3	208.5	205.4	225.0	208.0	194.3	185.9	179.9	195.0	214.6	244.1	203.1	188.2
PASSENGER REVENUE (millions of dollars)													
1926	87.0	89.6	78.6	80.8	86.7	82.8	92.5	97.9	99.0	92.7	82.2	77.4	89.7
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
FREIGHT TON-MILES (millions) [1]													
1919	32,814	30,356	25,630	28,813	28,593	32,276	31,881	34,916	36,416	38,078	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	26,816	25,591	28,220	28,146	28,402	30,420	30,864	36,072	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	33,321	39,598	38,001	38,518	40,344	39,401	42,210	38,158	33,427
1924	35,803	34,510	35,982	36,426	31,926	33,915	31,968	33,185	36,457	39,064	43,134	38,067	35,006
1925	38,007	37,026	33,570	35,332	33,571	37,126	35,854	37,944	41,709	41,305	44,054	40,775	37,856
1926	40,725	37,680	35,405	38,669	36,300	39,834	39,252	41,717	43,734	44,346	48,296	43,360	40,116
1927	39,559	39,233	37,259	41,817	37,111	40,118	38,477	38,309	41,984	42,959	45,537	37,250	34,502
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	36,946
1930	35,179	36,718	34,347	35,301	34,900	36,573	34,417	35,595	37,423	36,232	39,294	32,310	29,934
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	21,582	22,860	21,732	23,580	21,255	19,870	18,668	19,065	20,046	22,706	26,344	21,754	21,102

[1] Exclusive of switching and terminal companies.

Source: Interstate Commerce Commission.

No. 398.—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	28,663	32.41	509,868		566,815	1.26	1.98	53
1911–1915	1,018,804	33,768	33.14	587,501	3,284,399	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
1904	715,420	21,923	30.64	440,465		444,327	1.14	2.01	46
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		554,606	1.26	2.01	51
1908	890,010	29,083	32.86	505,946	2,705,660	566,833	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] 60
1917	1,109,943	40,100	36.13	593,338	3,485,788	840,910	[1] 1.69	2.10	[1] 65
1918	1,122,963	43,212	38.48	544,327	3,276,489	1,046,166	[1] 2.23	2.42	[1] 76
1919	1,211,022	46,838	38.68	553,147	3,446,787	1,193,431	[1] 2.46	2.55	[1] 82
1920	1,269,913	47,370	37.30	574,826	3,618,617	1,304,815	[1] 2.78	2.76	[1] 80
1921	1,061,131	37,706	35.53	568,242	3,503,514	1,166,252	[1] 2.51	3.09	[1] 67
1922	989,509	35,811	36.19	553,919	3,445,869	1,087,516	[1] 2.50	3.04	[1] 65
1923	1,008,538	38,294	37.97	573,938	3,616,342	1,158,925	[1] 2.56	3.03	[1] 67
1924	950,459	36,308	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	1,004,806	[1] 2.37	2.94	[1] 63
1926	874,889	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
Class I roads:									
1916–1920	1,114,055	41,989	37.69	556,495	3,400,925	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
1929	780,468	31,074	39.81	560,692	3,857,133	872,466	2.18	2.81	55
1930	703,598	28,815	38.11	538,709	3,680,136	728,488	1.85	2.72	49
1931	596,391	21,894	36.71	480,367	3,265,925	550,250	1.61	2.51	45
1932	478,738	16,975	35.46	422,078	2,799,240	376,585		2.22	40
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
1929	567,555	17,273	30.43	237,146	1,685,532	467,229	2.65	2.71	34
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	362,064	10,174	28.05	181,101	1,253,668	224,894		2.21	56
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
1929	75,985	3,762	49.51	95,171	612,382	118,804	1.75	3.16	39
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	36,929	1,830	49.56	71,916	450,317	42,840		2.34	25
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
1929	136,928	10,039	73.32	228,375	1,559,219	286,433	1.87	2.85	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	79,145	4,971	62.80	169,061	1,095,255	108,851		2.19	29

[1] Data available for Class I only.

[2] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 399.—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 400. Switching and terminal companies are excluded beginning with 1908; operating revenues of switching and terminal companies, 1930, $92,396,000; 1931, $71,117,000; operating expenses, 1930, $71,005,000; 1931, $56,017,000. For certain principal items for individual years 1890 to 1900, see 1932 Statistical Abstract, Table 411, p. 381

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*	*4,370,468*	*3,471,453*	*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	6,139,209	4,502,029	1,637,240	386,732	1,125,224	23,645	6,306	73.33
1901	195,562	1,588,526	1,030,397	558,129	46,708	511,421	8,123	2,854	64.86
1902	200,155	1,726,380	1,116,249	610,131	50,054	560,077	8,625	3,048	64.66
1903	205,314	1,900,547	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	2,950,193	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,[illegible]	4,498,817	751,603	230,136	454,132	20,354	2,914	85.68
1920	259,026	5,310,151	5,954,394	355,757	289,272	12,101	24,361	1,373	94.36
1921	258,089	5,032,665	4,668,998	963,667	283,163	601,139	21,825	3,734	82.80
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	305,790	1,136,728	24,152	6,238	74.17
1926	258,295	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*	*3,903,621*	*1,362,863*	*353,881*	*874,154*	*20,564*	*5,232*	*74.56*
1931	250,886	4,246,385	3,273,906	972,479	308,492	528,204	16,339	3,742	77.10
Class I roads:									
1916–1920	232,974	4,783,039	3,879,220	883,819	219,774	616,987	20,445	3,794	81.44
1921–1925	235,302	5,881,855	4,583,423	1,298,431	321,536	883,599	24,997	5,518	77.92
1926–1930	239,703	6,038,339	4,421,699	1,616,640	379,941	1,114,903	25,191	6,744	73.23
1930	242,159	5,281,197	3,930,929	1,350,268	348,554	868,879	21,809	5,576	74.43
1931	242,176	4,188,343	3,223,575	964,768	303,528	525,628	17,295	3,984	76.97
1932	*241,573*	*3,126,754*	*2,403,448*	*723,306*	*275,190*	*326,307*	*12,943*	*2,994*	*76.87*
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*
1930	60,128	2,360,480	1,793,637	566,843	142,601	356,612	39,258	9,427	75.99
1931	59,729	1,868,461	1,466,842	401,619	125,331	205,992	31,282	6,724	78.51
1932	59,721	1,416,801	1,076,604	340,197	116,892	150,621	23,724	5,696	75.99
Southern district:									
1921–1925	43,865	992,307	762,100	230,207	54,088	170,820	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*
1930	45,975	901,554	662,529	239,025	65,177	170,285	19,610	5,199	73.49
1931	46,116	739,244	564,660	174,584	56,931	109,941	16,030	3,786	76.38
1932	46,092	558,402	417,781	140,621	50,305	83,231	12,115	3,051	74.82
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*
1930	136,056	2,019,163	1,474,763	544,400	140,776	341,982	14,841	4,001	73.04
1931	136,331	1,580,638	1,192,073	388,565	121,266	209,695	11,594	2,850	75.42
1932	135,760	1,151,551	909,063	242,488	107,993	83,455	8,482	1,786	78.94

[1] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 400.—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)	1929	1930	1931	1932[1]
Revenues	4,763,039	5,881,866	6,038,339	6,279,621	5,281,197	4,188,343	3,126,754
Freight	3,336,480	4,277,134	4,600,341	4,815,448	4,075,698	3,248,753	2,450,824
Passenger	1,005,690	1,100,603	903,748	872,406	728,488	550,250	377,094
Mail	76,508	94,900	111,887	151,485	111,450	105,423	97,162
Express	118,933	137,886	139,570	148,191	114,664	82,775	53,923
All other transportation	92,041	129,878	136,665	139,551	118,945	98,718	78,065
All other	133,387	141,455	146,128	152,390	131,952	102,424	69,626
Expenses	3,879,220	4,563,425	4,421,699	4,506,056	3,930,929	3,223,575	2,403,448
Maintenance, way, etc	663,631	781,577	826,826	855,355	705,471	530,613	351,156
Maintenance, equipment	1,040,185	1,297,802	1,178,252	1,202,912	1,019,265	816,954	618,958
Traffic	59,749	93,919	123,608	130,158	127,834	117,218	96,223
Transportation	1,947,814	2,194,358	2,054,865	2,072,043	1,841,728	1,538,469	1,157,792
All other	167,791	215,769	238,148	245,588	236,631	220,321	179,319
Net revenue from railway operations	883,819	1,298,431	1,616,640	1,773,465	1,350,268	964,768	723,306
Deduct—							
Tax accruals	219,774	321,536	379,941	396,683	348,554	303,528	275,190
Uncollectible revenues	868	1,895	1,427	1,163	1,049	891	1,027
Equipment rents	25,647	67,659	91,786	95,417	99,756	99,193	85,118
Joint facility rents	20,543	23,742	28,583	28,504	32,030	35,528	35,664
Net railway operating income	616,987	883,599	1,114,903	1,251,698	868,879	525,628	326,307

Item	Eastern district			Southern district			Western district		
	1930	1931	1932[1]	1930	1931	1932[1]	1930	1931	1932[1]
Revenues	2,360,480	1,868,461	1,416,801	901,554	739,244	558,402	2,019,163	1,580,638	1,151,551
Freight	1,733,361	1,368,022	1,046,141	744,075	619,351	473,958	1,598,262	1,261,380	930,725
Passenger	403,757	316,875	225,130	93,914	66,331	42,839	230,817	167,044	109,125
Mail	42,603	40,847	38,453	18,471	17,609	16,358	50,376	46,967	42,351
Express	51,430	37,083	23,523	16,889	13,070	9,631	46,345	32,622	21,429
All other transportation	64,760	54,798	44,741	11,325	8,961	6,367	42,860	34,959	26,957
All other	64,569	50,836	38,813	16,880	13,922	9,849	50,503	37,666	20,964
Expenses	1,793,637	1,468,842	1,076,604	862,529	564,660	417,781	1,474,763	1,192,073	909,063
Maintenance, way, etc	299,179	222,225	139,756	123,419	103,173	68,933	282,873	205,215	142,467
Maintenance, equipment	474,843	375,614	280,374	180,518	149,769	112,785	363,904	291,571	225,299
Traffic	48,999	45,625	36,635	23,597	21,705	17,749	55,238	49,888	41,839
Transportation	864,364	725,410	539,710	297,645	254,306	188,734	679,719	558,753	429,348
All other	106,252	97,968	79,629	37,350	35,707	29,580	93,029	86,646	70,110
Net revenue from railway operations	566,843	401,619	340,197	239,025	174,584	140,621	544,400	388,565	242,488
Deduct—									
Tax accruals	142,601	125,331	116,892	65,177	50,931	50,305	140,776	121,266	107,993
Uncollectible revenues	443	335	438	181	182	181	425	374	408
Equipment rents	50,521	50,613	43,433	452	4,135	3,224	48,783	44,395	38,461
Joint facility rents	16,666	19,348	19,813	2,930	3,345	3,680	12,434	12,835	12,171
Net railway operating income	356,612	205,992	159,621	170,285	109,941	83,231	341,982	209,695	83,455

[1] Water line transportation apportioned to the several accounts; included in "All other" in prior years.

Source: Interstate Commerce Commission.

No. 401.—TAXES AND SPECIAL ASSESSMENTS OF CLASS I CARRIERS, BY STATES

NOTE.—Data for 1910 relate to year ended June 30, thereafter to calendar years, and for all years exclude switching and terminal companies and include nonoperating subsidiaries. Data for 1910 include also Class II and Class III and for 1916, Class II. Total railroad taxes, *Federal and State, in 1931, by classes,* were as follows: Class I and subsidiaries, $304,148,776 (including $660,675 Canadian and credit of $15,681 Mexican); Class II and subsidiaries, $4,300,798; Class III and subsidiaries, $666,114; switching and terminal companies, $13,513,518, grand total, $322,629,206.

State	Amount (thousands of dollars)						Per mile of line (dollars)			
	1910	1916	1920	1925	1930	1931	1910	1920	1930	1931
Total	163,738	162,475	282,751	359,370	349,207	303,504	.....	1,262	1,519	1,320
United States Government taxes	4,315	12,531	50,543	87,680	40,986	10,404	.....	226	178	45
New England:										
Maine	675	1,026	1,725	1,977	1,908	1,821	301	831	963	919
New Hampshire	778	746	1,005	1,042	1,125	1,126	629	827	990	991
Vermont	257	491	451	453	407	481	251	608	540	643
Massachusetts	3,097	2,575	3,339	3,920	4,709	4,517	1,484	1,616	2,369	2,282
Rhode Island	276	397	585	604	687	715	1,302	2,996	3,933	4,016
Connecticut	1,868	1,114	1,975	2,058	1,672	1,396	1,867	1,977	1,737	1,443
Middle Atlantic:										
New York	7,312	11,724	17,861	22,613	27,378	27,854	877	2,271	3,491	3,550
New Jersey	5,066	7,656	11,189	17,355	20,442	20,965	2,290	5,292	9,951	10,256
Pennsylvania	6,352	9,957	9,342	11,134	12,440	12,001	587	945	1,235	1,188
South Atlantic:										
Delaware	161	153	165	182	166	165	482	493	567	565
Dist. of Columbia	56	64	79	126	144	155	1,562	2,291	4,178	4,481
Maryland	1,016	1,211	2,004	1,352	2,076	1,948	742	1,591	1,829	1,722
Virginia	1,756	3,012	4,695	5,614	7,318	6,838	400	1,129	1,759	1,633
West Virginia	1,454	2,355	3,879	6,046	8,109	8,302	463	1,195	2,193	2,280
North Carolina	952	1,706	2,129	4,748	5,302	5,019	220	552	1,399	1,308
South Carolina	764	1,091	1,951	2,840	3,489	3,078	232	623	1,106	976
Georgia	1,386	1,957	2,481	3,310	3,986	3,694	206	455	719	669
Florida	839	1,572	2,167	3,888	4,964	4,372	208	542	965	852
East North Central:										
Ohio	5,457	10,618	16,841	18,518	19,928	18,619	611	2,048	2,334	2,190
Indiana	3,845	5,803	9,422	11,627	13,852	12,470	521	1,328	2,011	1,814
Illinois	5,938	9,049	16,422	21,576	22,084	21,178	501	1,421	1,827	1,756
Michigan	4,052	4,220	7,579	7,056	10,816	9,727	469	1,083	1,469	1,329
Wisconsin	3,162	4,968	6,876	7,295	7,201	6,877	440	995	1,034	994
West North Central:										
Minnesota	3,958	6,445	9,753	7,965	6,778	4,850	461	1,151	823	589
Iowa	2,463	3,871	7,855	6,842	8,026	7,025	253	808	831	728
Missouri	1,830	2,258	3,359	3,716	4,284	3,776	230	457	566	494
North Dakota	1,427	2,289	4,997	4,290	4,110	4,169	341	969	799	809
South Dakota	834	1,635	3,718	3,161	2,696	2,554	211	900	644	613
Nebraska	2,031	2,704	4,159	4,747	4,622	4,349	335	677	749	705
Kansas	3,074	4,108	6,188	6,670	8,871	8,577	344	688	908	937
South Central:										
Kentucky	1,073	2,018	2,184	4,246	5,373	5,049	312	624	1,411	1,335
Tennessee	1,181	1,718	2,584	3,107	3,029	3,182	326	702	1,002	879
Alabama	1,410	1,751	2,548	2,687	3,081	3,610	297	560	797	782
Mississippi	997	1,916	3,612	5,064	5,047	3,469	250	942	1,322	912
West South Central:										
Louisiana	1,238	2,235	3,788	4,578	5,098	4,948	250	971	1,280	1,244
Texas	2,688	4,656	5,098	6,514	7,614	7,697	196	364	494	495
Oklahoma	2,067	3,653	5,463	5,682	6,468	6,515	499	864	994	996
Arkansas	1,347	2,248	3,912	2,663	3,025	3,087	277	948	690	705
Mountain:										
Montana	1,486	2,781	4,284	4,728	5,178	5,146	356	871	1,016	1,014
Wyoming	614	901	1,213	1,559	1,970	2,049	384	686	1,071	1,114
Colorado	1,637	2,451	3,344	3,719	4,271	4,136	306	729	972	943
New Mexico	745	1,179	2,467	2,212	2,785	2,729	254	915	993	957
Arizona	321	1,341	1,572	2,485	3,100	3,283	168	776	1,403	1,495
Utah	692	1,123	1,856	2,161	2,404	2,412	383	907	1,142	1,164
Nevada	668	1,028	1,543	1,762	1,970	2,198	388	942	1,163	1,280
Idaho	714	1,475	3,844	2,872	3,244	3,270	345	1,500	1,219	1,229
Pacific:										
Washington	3,151	4,064	8,795	6,647	7,430	6,596	685	1,698	1,480	1,309
Oregon	913	1,492	2,722	2,736	3,064	2,858	444	1,060	1,119	1,044
California	3,444	5,142	7,187	12,863	13,210	12,248	508	1,071	1,842	1,685

Source: Interstate Commerce Commission.

No. 402.—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, 1932 (thousands of tons of 2,000 pounds)		
	All districts								1932					
	1920	1925	1927	1928	1929	1930	1931	1932	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	1,281,611	1,255,943	1,339,091	1,153,197	894,186	646,223	286,549	160,645	199,029	604,330	231,583	331,776
Grand total, carload traffic	1,202,219	1,206,665	1,243,171	1,218,989	1,303,048	1,123,530	871,412	630,989	278,915	157,354	194,720	590,099	225,165	324,568
Products of agriculture, total	110,840	109,313	113,343	118,022	111,343	110,728	97,487	80,917	17,656	9,742	53,519	48,121	21,396	83,267
Wheat	23,131	21,518	26,327	25,950	27,019	25,466	26,228	19,120	2,668	682	15,770	4,535	1,929	19,860
Corn	12,689	12,680	13,162	17,045	15,258	13,986	10,728	9,544	3,121	1,392	5,031	5,135	1,819	7,009
Oats	8,615	8,450	5,518	5,888	5,713	5,184	3,969	3,400	1,260	443	1,697	2,541	683	2,278
Other grain	5,669	4,564	5,212	5,506	4,477	4,045	2,924	2,229	201	53	1,975	455	175	2,542
Flour and meal	10,952	9,901	10,027	10,753	10,627	10,546	10,067	9,319	2,513	849	5,958	8,369	2,677	8,704
Cereal foods and other mill products	8,891	9,578	10,178	10,581	10,320	10,010	8,783	6,029	2,432	617	3,580	5,924	1,460	5,463
Hay, straw, and alfalfa	7,957	5,506	4,467	3,999	3,697	3,494	2,174	1,569	620	63	886	1,283	302	1,216
Leaf tobacco [1]	1,081	1,138	1,053	945	980	1,008	816	642	72	547	23	198	876	27
Cotton	3,379	4,127	4,180	3,773	3,940	3,032	2,432	2,777	46	843	1,888	555	1,776	3,123
Cottonseed and products, except oil	4,573	5,849	6,046	4,984	5,076	5,005	3,608	3,146	21	1,367	1,758	472	1,887	2,518
Citrus fruits	1,404	1,303	1,750	1,543	2,355	1,734	2,378	1,965	27	679	1,259	2,304	1,992	4,369
Other fresh fruits	5,271	5,910	5,648	6,401	5,690	5,919	5,175	4,068	831	777	2,460	4,185	1,865	6,639
Potatoes, except sweet [2]	4,118	4,614	3,727	4,511	4,425	4,332	4,114	3,418	1,451	252	1,715	5,000	948	3,888
Other fresh vegetables	2,205	2,828	3,083	3,124	3,222	3,262	2,927	2,575	526	502	1,547	3,172	1,502	5,338
Dried fruits and vegetables	1,165	1,533	1,527	1,878	1,609	1,674	1,426	1,258	387	71	800	1,028	263	1,662
Sugar beets	9,741	9,824	10,526	5,260	5,348	6,246	5,573	5,503	385		5,118	2,493	1,242	2,962
Other products of agriculture				4,831	5,077	5,125	4,165	3,755	1,090	605	2,054	472		5,630
Animals and products, total	26,695	26,324	26,003	25,634	24,907	23,129	21,632	18,055	4,392	1,215	12,448	14,849	2,850	16,815
Horses and mules	936	544	541	577	553	440	315	230	20	22	188	70	62	286
Cattle and calves	9,809	9,330	8,634	7,077	7,310	6,786	6,097	4,896	712	271	3,913	1,561	363	5,210
Sheep and goats	1,344	1,224	1,297	1,361	1,387	1,385	1,343	1,085	164	51	870	449	59	1,502
Hogs	5,421	5,502	5,369	5,871	5,534	4,902	4,501	3,884	777	207	2,900	1,841	299	3,476

[1] Includes refuse, stems, etc., prior to 1928.

[2] "Potatoes" prior to 1928.

No. 402.—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, 1932 (thousands of tons of 2,000 pounds)		
	All districts								1932					
	1920	1925	1927	1928	1929	1930	1931	1932	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Animals and products—Continued														
Fresh meats	2,770	2,904	2,987	2,935	3,007	2,928	2,933	2,724	748	223	1,753	3,785	663	2,054
Other packing-house products	2,206	2,139	1,957	2,203	2,274	1,970	1,833	1,632	647	199	786	1,775	804	1,265
Poultry	264	357	407	406	417	419	416	382	65	40	277	711	60	397
Eggs	536	591	651	635	588	612	582	424	74	27	323	772	68	552
Butter and cheese	425	686	747	754	793	807	768	735	119	29	587	1,211	124	774
Wool	293	263	356	394	414	354	388	271	125	9	137	427	46	246
Hides and leather	1,051	1,026	1,010	915	913	847	782	655	353	50	243	1,026	130	359
Other animals and products	1,540	1,758	2,049	1,606	1,717	1,680	1,674	1,137	588	78	471	1,221	172	694
Products of mines, total	712,154	678,336	713,402	696,583	737,879	642,537	501,903	362,226	175,392	119,429	67,405	364,833	149,641	107,863
Anthracite	78,100	58,260	72,176	69,997	71,931	71,252	65,673	55,681	55,362	114	205	85,147	183	471
Bituminous coal	389,340	346,346	361,551	346,057	368,339	322,150	263,991	218,197	87,614	102,174	28,409	226,289	126,004	54,707
Coke	26,895	19,798	16,164	16,241	19,127	14,536	9,872	7,346	4,990	930	1,426	7,760	1,359	2,190
Iron ore	84,433	72,134	66,355	68,684	82,123	59,980	31,073	5,440	806	418	4,216	4,659	530	4,237
Copper ore and concentrates	21,550	12,289	11,335	5,916	7,057	4,525	3,903	1,658	2	1	1,655	29	42	2,284
Other ores and concentrates				5,922	7,714	6,957	4,664	2,599	1,248	174	1,177	2,532	424	2,167
Gravel, sand, and stone [3]	98,720	145,405	161,776	128,304	121,559	112,196	84,058	47,138	14,451	10,233	22,454	18,889	12,834	28,433
Crude petroleum	6,435	11,245	10,531	7,633	6,030	6,598	7,448	2,803	421	197	2,185	590	253	3,789
Asphaltum	1,424	2,531	3,170	2,899	3,196	2,925	2,746	2,583	1,751	374	458	2,795	699	1,142
Salt	3,250	3,403	3,251	3,341	3,183	2,952	2,834	2,576	1,225	24	1,327	2,979	905	2,722
Phosphate rock, crude	6,997	6,925	7,094	4,801	5,165	5,712	3,930	2,891	32	2,809	50	95	3,039	91
Sulphur				1,811	2,253	1,934	1,250	961	98	25	838	246	108	1,417
Other products of mines [3]				34,977	39,602	30,320	20,452	12,353	7,392	1,956	3,005	12,823	3,261	4,213
Products of forests, total	100,788	107,391	99,351	96,737	94,855	69,371	43,024	26,109	3,225	8,892	13,992	13,494	14,525	23,794
Logs, posts, poles, piling, and cordwood	38,571	45,428	41,676	39,541	39,611	28,451	14,792	7,781	417	1,667	5,697	1,120	2,014	7,197
Ties	5,472	4,292	5,338	4,240	4,024	3,522	1,527	958	197	315	446	470	413	609
Pulp wood	4,992	5,826	6,939	6,893	6,781	6,524	4,797	3,309	790	945	1,574	1,403	1,279	2,104
Lumber, shingles, lath, cooperage materials, veneer, etc	48,618	49,019	42,846	42,776	40,937	27,800	19,497	12,418	1,139	5,293	5,986	8,603	9,734	13,400
Other forest products	3,112	2,826	2,501	3,287	3,502	3,074	2,411	1,643	682	672	289	1,898	1,035	484

Manufactures and miscellaneous, total	251,864	285,291	291,073	312,013	330,064	277,765	207,366	143,682	78,250	18,076	47,356	148,802	36,753	92,829
Refined petroleum and its products	29,616	46,273	51,661	58,480	64,240	62,901	55,615	46,707	18,219	5,221	23,267	31,806	10,390	45,595
Vegetable oils	938	1,446	1,893	1,567	1,733	1,602	1,428	1,333	282	419	632	952	836	1,120
Sugar, sirup, glucose, and molasses	5,664	5,700	5,582	5,605	5,858	5,659	5,142	4,286	1,258	603	2,425	2,442	1,522	4,471
Iron, pig [4]	16,451	14,577	11,488	8,033	8,000	5,140	3,139	1,424	930	368	117	1,482	507	245
Scrap iron and steel	(5)	(5)	(5)	11,746	13,527	9,991	6,032	3,444	2,818	284	342	4,177	445	442
Iron and steel (6th class, n. o. s.)	(5)	(5)	(5)	5,130	5,746	3,680	2,081	1,298	1,280	9	9	1,656	40	35
Rails, fastenings, frogs, and switches [6]	3,047	2,646	2,595	2,551	2,658	1,778	1,063	419	334	42	43	520	117	176
Iron and steel pipes and fittings [7]	27,443	29,144	31,378	6,945	7,670	6,442	4,101	1,789	1,149	269	371	2,319	579	1,405
Iron and steel (5th class, n. o. s.) [7]				33,386	37,427	26,745	16,877	9,386	8,365	389	632	13,699	1,000	2,089
Iron and steel nails and wire	(5)	(5)	(5)	1,667	1,873	1,372	1,015	669	495	52	122	932	143	295
Copper: Ingot, matte, and pig	5,170	5,419	2,898	999	1,108	665	352	162	58	4	100	254	11	380
Lead and zinc: Ingot, pig, or bar				1,218	1,338	1,124	908	592	259	10	323	697	83	815
Other metals, pig, bar, sheet, etc				431	525	379	306	118	50	4	64	173	22	104
Machinery and boilers [8]	9,391	5,359	5,176	3,772	3,931	3,072	1,943	1,072	757	75	240	1,617	264	603
Cement	15,400	24,516	25,889	26,080	25,008	23,180	18,392	11,201	5,123	1,314	4,764	10,898	2,575	7,725
Brick and artificial stone	15,251	19,668	19,555	19,019	17,216	12,595	7,723	3,574	2,048	695	831	3,727	1,118	1,458
Lime and plaster	4,410	6,830	6,092	5,300	4,803	3,452	2,600	1,690	994	244	452	1,862	678	994
Sewer pipe and drain tile	2,165	2,426	2,712	2,556	2,708	1,946	1,197	624	362	95	167	756	173	288
Agricultural implements and vehicles other than automobiles [9]	3,324	2,281	3,118	1,903	2,136	1,657	766	304	106	35	103	230	90	310
Automobiles, autotrucks, parts, tires, etc	3,427	6,980	6,324	8,752	10,423	6,624	4,286	2,317	1,964	78	275	3,978	538	1,260
Furniture	743	970	1,004	1,063	1,102	733	564	353	125	125	103	503	283	253
Beverages	1,240	841	804	813	774	803	654	351	118	20	213	276	44	204
Ice	5,795	4,928	4,062	3,922	3,310	2,578	2,262	1,404	621	89	754	739	96	782
Fertilizers	9,204	8,463	10,465	12,559	13,276	12,302	8,524	5,025	1,843	2,338	844	3,314	3,403	1,498
Printing paper [10]	3,144	3,328	3,322	3,303	3,480	3,399	2,983	2,397	1,728	169	510	5,892	416	1,642
Chemicals and explosives [11]	8,348	9,579	9,116	2,979	3,213	2,672	2,152	1,579	770	344	465	1,283	635	654
Textiles	805	986	785	937	941	710	613	493	105	295	93	305	620	242
Canned food products	3,074	4,144	4,204	4,605	5,029	4,751	3,954	3,167	1,420	215	1,532	3,786	593	2,791
Furnace slag	77,814	78,807	80,447	8,784	9,835	11,009	4,401	2,105	1,544	445	16	1,949	670	28
Paper board, pulpboard and wall board (paper)				2,317	2,511	2,241	2,037	1,581	898	424	259	2,116	785	605
Building paper and prepared roofing materials				2,035	2,325	1,687	1,234	1,102	719	104	279	1,374	304	548
Other manufactures and miscellaneous				63,062	66,338	54,885	43,022	31,656	21,399	3,308	6,949	42,998	7,783	13,692
Merchandise—all L. c. l. freight	53,202	40,587	38,440	36,954	36,043	29,667	22,774	15,234	7,634	3,291	4,309	14,831	6,418	7,208

[3] "Gravel, sand, and stone" includes clay prior to 1928 which is reported with "Other products of mines" in 1925 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. 403.—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 1916, 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:								
1901–1905	[1] 691,121	59,406	16,608	237,753	85,803	72,786	119,707	27,800
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	53,760
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	114,059	24,263	376,220	135,050	76,419	172,169	41,992
1922	1,023,745	111,787	26,230	351,846	181,152	80,059	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	108,094	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	436,944	270,750	104,851	296,667	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	277,765	29,667
1931	894,186	97,487	21,632	339,536	162,367	43,025	207,366	22,773
1932	646,223	80,917	18,055	281,224	81,002	26,109	143,682	15,234
Eastern district:								
1930	495,974	21,540	5,516	215,128	68,039	8,289	162,740	14,722
1931	386,210	19,208	5,310	181,337	47,069	5,360	116,343	11,493
1932	286,549	17,656	4,392	147,966	27,426	3,225	78,250	7,694
Southern district:								
1930	261,144	14,357	1,689	148,226	36,445	21,160	33,417	5,850
1931	211,007	12,048	1,474	123,357	20,147	13,854	26,449	4,678
1932	160,646	9,742	1,215	108,218	16,211	8,893	18,076	3,291
Western district:								
1930	396,079	74,832	15,924	44,583	130,116	39,921	81,608	9,095
1931	296,969	66,141	14,848	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
II. TOTAL REVENUE FREIGHT [3]								
All roads:								
1901–1905	[1] 1,266,314	125,234	34,596	419,764	150,474	122,927	231,259	51,468
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	2,068,262	221,961	46,065	757,498	316,014	192,256	465,097	69,371
1926–1930	2,341,062	221,019	45,054	852,777	395,987	179,554	584,457	62,214
1927	2,363,639	221,384	46,696	871,713	400,591	192,774	564,643	65,838
1928	2,361,623	225,550	45,724	838,055	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
Eastern district:								
1930	1,055,454	63,146	16,297	482,846	135,754	32,100	298,885	26,426
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
Southern district:								
1930	383,374	32,717	3,640	181,707	50,895	35,257	68,530	10,628
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
Western district:								
1930	624,250	115,108	21,160	84,665	162,775	63,327	162,953	14,262
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

[1] Includes some undistributed freight. [2] Excluding Class III. [3] Including receipts from connecting lines.
Source: Interstate Commerce Commission.

No. 404.—CAR LOADINGS: Average Weekly Loadings of Revenue Freight, Class I Railways, by Principal Commodity Groups

Note.—Averages for earlier years for all commodities are: 1918, 857,540; 1919, 804,472; 1920, 867,663; 1921, 756,215; 1922, 830,915; 1923, 957,925; 1924, 933,354; 1925, 985,080; 1926, 1,021,131; 1927, 992,996

Month	1928	1929	1930	1931	1932	1928	1929	1930	1931	1932
	Total, all commodities					Grain and grain products				
Year	992, 113	1, 015, 922	883, 269	714, 447	542, 208	48, 326	46, 081	43, 565	38, 931	31, 790
January	862, 224	892, 864	849, 310	718, 303	567, 469	46, 920	45, 521	40, 282	40, 682	31, 018
February	897, 686	941, 534	876, 725	708, 530	561, 331	46, 874	47, 165	43, 889	41, 162	34, 250
March	950, 512	963, 187	878, 933	734, 232	570, 168	47, 499	42, 642	38, 982	38, 333	28, 885
April	935, 077	997, 286	904, 740	751, 573	554, 578	39, 784	35, 978	39, 126	37, 519	30, 808
May	1, 001, 289	1, 036, 480	918, 690	739, 696	521, 939	40, 776	37, 973	37, 646	35, 834	29, 219
June	984, 823	1, 072, 970	929, 746	747, 988	491, 589	34, 482	44, 610	41, 519	35, 007	25, 344
July	986, 010	1, 040, 020	888, 902	738, 472	484, 427	51, 587	61, 710	58, 326	54, 647	36, 909
August	1, 069, 681	1, 120, 141	934, 366	747, 627	516, 270	57, 714	63, 222	60, 788	44, 348	38, 542
September	1, 117, 635	1, 135, 572	931, 422	727, 068	561, 150	59, 618	49, 866	47, 293	37, 247	37, 061
October	1, 175, 970	1, 169, 853	950, 270	762, 632	631, 621	54, 830	46, 437	41, 597	38, 515	34, 707
November	1, 028, 842	978, 031	797, 836	654, 827	548, 802	52, 640	38, 415	36, 487	36, 202	27, 814
December	879, 259	834, 584	695, 396	554, 957	497, 366	47, 175	39, 444	35, 587	27, 145	26, 484
	Livestock					Coal				
Year	29, 248	27, 292	24, 714	22, 347	18, 252	168, 625	174, 909	152, 443	124, 869	102, 679
January	31, 912	29, 486	27, 229	25, 613	22, 074	177, 538	202, 422	196, 455	157, 380	115, 176
February	32, 514	26, 420	25, 183	22, 011	19, 034	170, 025	211, 006	166, 026	137, 136	114, 955
March	28, 670	24, 221	23, 056	19, 827	15, 532	163, 002	156, 504	137, 296	130, 954	121, 252
April	26, 344	26, 720	24, 102	21, 779	18, 678	145, 132	146, 057	132, 818	116, 075	92, 292
May	26, 667	25, 672	23, 444	20, 407	17, 134	157, 574	154, 706	138, 261	113, 882	74, 025
June	25, 204	23, 577	21, 598	18, 621	14, 889	145, 026	155, 056	135, 250	110, 620	66, 694
July	22, 752	23, 008	20, 074	18, 008	14, 411	142, 903	146, 522	130, 606	110, 307	72, 264
August	25, 356	24, 271	21, 108	21, 731	16, 372	165, 525	168, 475	145, 740	118, 660	84, 599
September	34, 231	30, 921	26, 959	24, 091	20, 340	181, 082	187, 934	151, 277	124, 251	103, 577
October	38, 668	37, 284	32, 277	29, 014	23, 378	206, 574	203, 957	174, 528	145, 437	135, 154
November	31, 849	31, 383	26, 860	25, 902	19, 052	193, 737	185, 597	158, 748	121, 376	122, 838
December	28, 292	25, 448	23, 389	20, 958	16, 608	177, 181	189, 261	151, 001	115, 413	125, 181
	Coke					Ore				
Year	10, 264	12, 201	9, 382	6, 245	4, 303	36, 726	43, 876	31, 955	16, 821	4, 953
January	10, 659	12, 071	11, 340	8, 998	5, 659	8, 199	8, 910	8, 268	5, 208	2, 949
February	11, 537	13, 392	11, 399	8, 744	6, 234	8, 098	9, 241	8, 041	5, 567	2, 699
March	10, 875	12, 834	9, 982	7, 889	6, 090	8, 564	11, 423	9, 103	5, 830	2, 647
April	10, 118	12, 066	10, 020	7, 007	3, 830	10, 263	27, 670	12, 701	7, 993	3, 423
May	10, 152	12, 508	9, 674	6, 486	3, 134	41, 299	71, 454	50, 951	17, 320	2, 582
June	9, 664	12, 306	9, 403	5, 488	2, 879	65, 597	76, 481	62, 528	29, 789	3, 541
July	8, 812	11, 874	8, 438	4, 813	2, 569	62, 538	76, 359	61, 250	34, 859	6, 103
August	9, 349	11, 971	8, 312	4, 555	2, 713	64, 340	75, 762	56, 956	35, 000	7, 110
September	10, 138	11, 904	8, 203	4, 783	3, 435	62, 742	68, 650	48, 780	30, 270	6, 067
October	10, 726	12, 172	8, 876	5, 562	4, 333	60, 246	60, 041	37, 824	20, 372	6, 425
November	10, 631	11, 610	8, 047	5, 318	4, 754	32, 565	29, 216	14, 295	6, 273	2, 949
December	10, 641	11, 668	8, 549	5, 758	5, 607	10, 223	8, 219	5, 620	3, 505	1, 765
	Forest products					Miscellaneous and L. C. L.				
Year	63, 986	62, 469	45, 564	28, 296	17, 299	834, 938	849, 094	574, 646	476, 938	363, 832
January	58, 280	54, 240	46, 173	33, 115	18, 362	528, 717	540, 211	519, 557	447, 308	372, 234
February	67, 779	60, 224	57, 704	34, 586	19, 282	560, 857	574, 084	563, 884	459, 322	364, 878
March	68, 729	67, 013	58, 076	34, 390	20, 017	623, 173	648, 551	602, 438	497, 010	374, 745
April	64, 331	69, 596	57, 436	32, 836	19, 705	639, 104	679, 199	628, 528	528, 363	385, 841
May	67, 392	68, 636	52, 941	32, 912	18, 713	657, 428	665, 531	605, 772	512, 854	376, 532
June	65, 825	70, 306	49, 657	31, 203	16, 838	639, 024	690, 634	609, 725	517, 260	361, 404
July	59, 669	61, 312	39, 956	26, 641	14, 553	637, 501	659, 234	570, 154	489, 107	337, 617
August	66, 412	68, 761	41, 421	27, 588	15, 469	680, 985	707, 679	600, 041	495, 746	350, 965
September	63, 632	62, 963	40, 391	26, 053	17, 140	706, 193	723, 335	608, 519	480, 373	373, 530
October	66, 172	63, 622	39, 367	24, 482	18, 907	798, 754	746, 340	610, 007	499, 251	408, 217
November	63, 525	55, 075	33, 970	21, 822	16, 073	643, 895	626, 736	519, 428	437, 936	365, 322
December	53, 948	45, 485	30, 263	16, 988	13, 228	551, 798	514, 558	440, 988	365, 190	308, 494

Source: American Railway Association.

No. 405.—STEAM RAILWAY ACCIDENTS, BY CAUSES

NOTE.—See headnote to Table 406

Cause of accident	Killed					Injured				
	1921-1925, average	1926-1930, average	1930	1931	1932	1921-1925, average	1926-1930, average	1930	1931	1932
All accidents	6,618	6,480	5,481	5,099	4,747	141,688	89,404	49,430	35,656	29,219
Train accidents	394	308	296	229	183	4,408	2,985	1,782	1,208	997
Passengers	72	30	7	4	1	2,423	1,455	790	493	410
Employees	237	164	131	95	63	1,597	1,132	641	434	335
Other persons	85	114	158	130	119	389	398	351	281	252
Causes:										
Collisions	139	89	56	39	34	2,071	1,391	677	485	358
Passengers	37	11	1	1	1	1,172	710	338	244	192
Employees	89	70	50	33	30	764	526	271	188	125
Other persons	14	8	5	5	3	135	155	68	53	41
Derailments	197	130	146	108	77	2,109	1,379	894	583	526
Passengers	34	18	6	3	------	1,212	718	429	232	203
Employees	111	66	82	43	26	690	487	271	190	171
Other persons	52	55	88	62	51	208	173	194	161	152
Other causes	58	81	94	82	72	228	215	211	140	113
Passengers	2	1	------	------	------	39	27	23	17	15
Employees	36	28	29	19	7	143	119	99	50	39
Other persons	20	52	65	63	65	46	69	89	67	59
Train-service accidents	5,794	5,798	4,875	4,624	4,341	44,420	35,395	23,780	18,849	16,160
Passengers	100	63	43	36	22	3,155	2,208	1,875	1,609	1,501
Employees	1,088	940	610	419	383	31,563	23,275	13,074	9,142	6,948
Other persons	4,605	4,793	4,222	4,169	3,936	9,701	9,912	8,831	8,098	7,711
Causes:										
Coupling or uncoupling locomotives or cars	80	48	30	12	20	1,624	1,124	604	394	307
Coupling or uncoupling air hose	22	19	7	13	9	435	363	232	175	123
Operating locomotives	20	16	17	7	6	6,259	3,731	1,929	1,406	1,042
Operating hand brakes	30	30	26	18	12	2,090	1,875	1,154	824	593
Operating switches	2	1	2	------	2	965	747	378	245	210
Contact with fixed structures	69	57	57	60	71	836	534	358	335	284
Getting on or off cars or locomotives	484	419	441	447	520	9,125	7,084	5,010	4,096	3,946
Highway grade-crossing accidents[1]	1,997	2,315	1,908	1,720	1,445	5,826	6,400	5,377	4,533	3,911
Struck or run over, not at public crossings	[2]2,415	2,267	1,828	1,730	1,590	[2]2,079	1,721	1,276	1,022	911
Miscellaneous	1,157	625	559	617	666	15,595	11,824	7,462	5,819	4,833
Nontrain accidents	430	376	310	246	223	92,860	51,024	23,868	15,599	12,062
Passengers	[2]4	2	------	1	5	[2]634	595	515	587	455
Employees	329	288	233	162	133	90,630	48,990	22,157	13,782	10,459
Other persons	97	85	77	83	85	1,724	1,440	1,196	1,230	1,148

[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. 406.—PERSONS KILLED AND INJURED IN RAILWAY ACCIDENTS

NOTE.—For various reasons, including the fact that returns were required under different acts, the statistics are not strictly comparable. Prior to 1921, train accidents were those causing damage to railway property in excess of $150 or any damage and a resulting casualty. Thereafter they were considered as such when the damage exceeded $150 with or without a casualty. Where the damage is less than $150 and there is a reportable casualty it is classified as a train-service accident. Figures for years 1911–1915 include industrial and other nontrain accidents to employees only, and for years 1908–1910 do not cover switching and terminal roads. Otherwise the statement covers all reportable accidents

Yearly average or year ended—	Total		Passengers		Employees		Other persons		Trespassers[1]	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891–1895	6,821	35,313	292	2,967	2,315	27,051	4,214	5,294	-------	-------
1896–1900	6,946	42,248	222	3,237	2,054	32,793	4,670	6,219	-------	-------
1901–1905	9,326	72,943	392	7,894	3,249	57,209	5,686	7,840	-------	-------
1906–1910	10,210	105,617	385	11,625	3,572	83,502	6,252	10,491	-------	-------
1908	10,188	104,230	381	11,556	3,405	82,487	6,402	10,187	-------	-------
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	169,588	283	14,938	3,635	142,442	6,667	12,188	-------	-------
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	5,140	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	670	23,358	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

[1] Trespassers included with "other persons" prior to 1922.

No. 407.—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			1931		
	1929	1930	1931	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite, 1,000 short tons	1,579	1,140	543	543	-------	-------
Bituminous coal, do	113,894	98,400	81,725	39,413	18,419	23,893
Fuel oil[1], 1,000 gallons	2,628,414	2,366,569	2,015,694	7,833	28,544	1,979,317
Hardwood[1], cords	19,499	12,642	5,072	3,052	1,729	291
Softwood[1], do	52,815	44,134	34,802	16,580	2,372	15,850
Total, coal equivalent[2], 1,000 short tons	132,137	114,458	94,924	40,014	18,592	36,318
Rails laid in replacement and betterment:						
Total tonnage, 1,000 long tons	3,610	2,674	1,715	741	416	558
Total charges[3], 1,000 dollars	130,397	98,521	63,726	27,154	15,328	21,244
Ties laid in previously constructed tracks:						
Crossties, thousands	74,679	63,354	51,501	11,597	14,032	25,872
Switch and bridge ties, 1,000 board feet	[4] 250,063	235,315	188,595	59,685	54,500	74,410
Total charges[3], 1,000 dollars	[4] 111,825	94,207	73,415	22,833	17,758	32,824

[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.
[4] Figures do not include data for 156 linear feet of steel ties.

Source of Tables 406 and 407: Interstate Commerce Commission.

No. 408.—EXPRESS COMPANIES: INCOME ACCOUNT

NOTE.—In thousands of dollars. Mileage operated by express companies, 1932: Total, 267,846; steam road, 223,995; electric line, 2,661; steamboat line, 25,248; airplane, 10,867; stage line, 5,075. The Railway Express Agency, Inc., operates 257,686 miles, and the Southeastern Express Co., 10,160 miles

[All figures in thousands of dollars]

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
1923	309,579	155,736	157,444	154,446	2,998	2,138	834	1,851	2,460
1924	287,281	139,997	150,640	147,447	3,193	2,102	1,045	1,468	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	2,107	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
Southeastern Express Co.:									
1921 [7]	4,374	1,649	2,781	2,719	61	25	37	10	47
1923	7,866	3,877	4,097	3,908	189	88	99	24	123
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	62	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

[1] Includes revenues from sources other than transportation.
[2] Deducting, besides taxes, a small amount of uncollectible revenue.
[3] Sum of 2 preceding columns less small deductions.
[4] Result of operations for 2 months ended Feb. 28, 1929.
[5] Result of operations for 10 months ended Dec. 31, 1929.
[6] Deficit.
[7] Result of operations for 8 months ended Dec. 31, 1921.

No. 409.—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:									
1916	44,203	482	2,694	30,879	13,457	13,324	11,745	27,866	12
1917	51,777	102	4,498	35,449	16,047	16,328	12,469	32,261	14
1918	49,967	----------	3,918	40,593	20,202	9,374	7,703	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	30,865	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	32,217	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	902	[3] 1,220	15,750	8

[1] Amounts due other carriers under the provisions of definite contracts. [2] Not separated. [3] Deficit.
Source of Tables 408 and 409: Interstate Commerce Commission.

No. 410.—THE ALASKA RAILROAD TRAFFIC: Analysis of Statistics of Passenger and Freight Services, Years Ended June 30

	1931	1932		1931	1932
Road mileage operated—monthly average	519.9	519.9	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight train-miles	68,519	59,654
Passenger train-miles [1]	94,315	65,870	Mixed train-miles	8,456	8,172
Mixed train-miles	8,456	8,172	Loaded cars, 1 mile, freight and mixed trains	1,105,826	1,088,378
Passenger car-miles, passenger trains [1]	204,001	170,220	Empty cars, 1 mile, freight and mixed trains	737,399	685,757
Passenger car-miles, mixed trains	9,378	8,062	All cars, 1 mile	1,843,225	1,774,135
Total revenue passengers carried	51,217	22,508	Tons of revenue freight carried:		
Revenue passengers carried 1 mile	2,855,129	2,005,169	Coal	72,415	60,783
Total passenger revenue	$191,475	$191,873	Miscellaneous	29,064	26,270
Average revenue per passenger per mile	$0.06706	$0.09569	Tons of revenue freight carried 1 mile	16,434,729	14,569,719
			Total freight revenue	$688,440	$906,124
			Average revenue per ton per mile	$0.04188	$0.06213

[1] Including motor miles.

Source: Department of the Interior.

No. 411.—ELECTRIC RAILWAYS: Summary of Operations

Note.—This table does not include the electric operations of steam railway companies. Many electric railway companies also engage in other operations, especially in the sale of current for light and power; wherever possible, such light and power business has been excluded, but for numerous companies this is impossible. No distinction can be made in the statistics between purely urban street railways and suburban and interurban lines. The insignificant amount of business still conducted by cable and animal traction is included, as well as some operations conducted by primarily electric railways by means of steam traction and gasoline engine cars. In the trackage statistics of this table, each track of a double or multiple line is counted separately. Mileage figures expressed in nearest mile

	1890	1902	1907	1912	1917	1922	1927
Number of companies	789	987	1,236	1,260	[1] 1,307	[1] 1,200	[1] 963
Miles of all track operated	8,123	22,577	34,382	41,065	44,835	43,932	40,722
Operated by:							
Electricity	1,262	21,902	34,038	40,808	44,677	43,789	40,585
Cable	488	241	62	56	45	46	43
Animal traction	5,661	259	136	58	11	4	----
Steam	711	170	105	76	41	1	17
Gasoline-engine cars	----	[2] 6	41	66	56	[3] 86	[3] 77
Gravity	----	----	----	----	6	6	----
Value of road and equipment (thousand dollars)	389,357	2,167,634	3,637,669	4,506,563	5,136,442	5,058,762	([4])
Number of employees	70,764	140,769	221,429	282,461	294,826	300,523	267,115
Number of passenger cars	32,505	60,290	70,016	76,102	79,914	77,301	70,309
Revenue passengers, including pay transfer [5] (thousands)	2,023,010	4,774,212	7,441,115	9,545,555	11,304,660	12,666,558	12,174,592
Operating revenues (thousand dollars)	90,617	247,554	418,188	567,512	709,825	1,016,719	927,774
Operating expenses (thousand dollars)	62,011	142,313	251,309	332,896	452,595	727,795	694,460
Operating ratio (per cent)	68.4	57.5	60.1	58.7	63.8	71.6	74.9

[1] Includes companies maintaining separate organizations, though leased to and controlled through stock ownership by other companies, largely in Pennsylvania. In 1907 and 1912 these companies were treated as merged and not included in the number reported.

[2] Compressed air.

[3] Includes 1.20 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] Not including motor-bus passengers.

Source: Bureau of the Census, Department of Commerce.

No. 412.—ELECTRIC RAILWAYS:

NOTE.—See headnote to Table 411. 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 mileage represents passenger, express, freight, and mail-car mileage. For statistics for 1927 relating to subsidiary companies, see Statistical Abstract 1932, p. 398, Table 432

Division and State	Miles of track lying in State or division [1]					Revenue passengers carried by companies domiciled in State (thousands)			
	1907	1912	1917	1922	1927	1907	1912	1917	1922
United States	34,354	41,033	44,908	43,905	40,696	7,441,115	9,545,555	11,304,660	12,679,349
New England	4,863	5,299	5,556	5,049	3,931	875,116	1,051,162	1,242,077	1,137,108
Maine	418	530	572	566	501	36,730	47,049	55,463	50,010
New Hampshire	268	268	269	263	156	20,087	23,673	23,405	19,650
Vermont	113	121	126	117	63	7,103	8,136	8,739	6,950
Massachusetts	2,851	2,951	3,056	2,688	2,071	597,470	705,918	834,529	732,447
Rhode Island	431	435	454	403	304	91,172	94,086	113,191	143,009
Connecticut	781	993	1,080	1,011	836	122,554	172,300	206,740	185,040
Middle Atlantic	8,891	10,064	10,804	10,519	9,473	2,839,019	3,513,721	4,225,287	4,978,230
New York	3,809	4,486	4,773	4,737	4,348	1,657,687	2,126,964	2,492,325	3,090,878
New Jersey	1,320	1,309	1,368	1,342	1,093	269,099	356,858	432,875	466,819
Pennsylvania	3,762	4,270	4,462	4,440	4,032	912,233	1,029,899	1,300,087	1,420,533
East North Central	10,353	11,884	12,703	12,431	11,802	1,607,895	2,159,621	2,712,825	2,991,417
Ohio	3,671	3,999	4,236	3,974	3,486	480,844	632,332	811,913	872,104
Indiana	1,929	2,323	2,356	2,305	2,330	137,547	173,019	191,132	241,873
Illinois	2,754	3,186	3,441	3,416	3,298	703,493	932,068	1,096,804	1,128,105
Michigan	1,324	1,526	1,768	1,817	1,779	183,239	286,956	447,780	557,900
Wisconsin	676	849	901	919	909	102,772	134,046	164,996	181,375
West North Central	2,455	3,031	3,807	3,604	3,556	615,631	787,301	902,369	942,867
Minnesota	438	538	656	681	723	136,122	186,918	235,943	262,781
Iowa	641	784	1,015	999	982	61,440	93,418	103,398	95,494
Missouri	867	959	1,094	1,098	1,054	340,362	402,210	442,756	464,603
North Dakota	14	19	24	21	19	1,872	2,802	2,841	3,378
South Dakota	5	22	24	17	16	126	1,057	1,915	2,023
Nebraska	184	214	211	206	192	49,323	64,709	74,560	76,846
Kansas	306	494	582	581	570	20,386	35,527	40,456	37,742
South Atlantic	2,344	2,900	3,221	3,191	3,063	487,982	616,726	747,562	830,514
Delaware	105	99	102	96	83	15,724	18,024	26,047	20,800
Maryland	552	720	775	758	731	152,268	186,328	228,634	248,594
Dist. of Col	160	188	195	199	185	91,569	114,100	125,536	156,242
Virginia	513	561	581	554	541	77,300	91,980	112,814	116,289
West Virginia	208	330	395	422	381	42,750	52,842	76,163	91,079
North Carolina	106	190	228	216	205	14,086	21,241	26,915	29,964
South Carolina	131	228	314	301	286	15,695	17,873	25,042	20,211
Georgia	351	417	450	449	425	59,701	86,601	93,640	105,958
Florida	118	165	183	197	226	18,889	27,236	32,771	41,317
East South Central	1,075	1,291	1,457	1,477	1,378	220,687	266,785	292,004	308,091
Kentucky	402	502	516	517	489	85,359	103,512	109,105	115,594
Tennessee	292	361	447	495	507	73,747	91,896	101,825	110,369
Alabama	294	309	369	368	335	52,197	62,494	70,343	73,646
Mississippi	86	119	124	98	47	9,084	10,883	10,731	8,412
West South Central	840	1,372	1,704	1,724	1,773	193,338	270,746	313,203	382,087
Arkansas	82	114	122	120	122	17,145	24,304	26,283	29,954
Louisiana	239	285	331	305	284	85,194	94,053	105,753	128,337
Oklahoma	100	252	302	324	334	9,502	22,121	30,766	36,260
Texas	419	721	950	975	1,033	81,497	130,268	150,401	187,536
Mountain	630	1,048	1,311	1,291	1,137	113,304	154,224	162,222	148,748
Montana	69	99	121	111	109	13,862	15,351	22,197	15,255
Colorado	317	468	467	431	356	73,458	86,697	84,624	84,613
New Mexico	10	11	11	11	11	1,029	951	1,486	1,425
Arizona	31	46	53	44	37	1,902	4,554	7,483	5,474
Idaho	73	129	155	149	121	1,327	4,170	3,279	3,256
Wyoming		23	23	23			1,399	1,457	684
Nevada	7	11	12	5	5	620	750	805	480
Utah	123	260	469	517	498	21,106	40,452	40,891	40,561
Pacific	3,003	4,146	4,847	4,619	4,583	487,943	723,270	707,311	970,359
Washington	730	991	1,022	954	904	110,507	126,687	145,922	143,429
Oregon	259	549	603	612	548	49,459	75,842	67,223	71,804
California	2,013	2,605	3,022	3,053	3,131	327,977	520,741	494,166	755,126

[1] Mileage figures expressed to nearest mile, original figures to nearest hundredth
[2] Data for Rhode Island included with Massachusetts.
[3] Data for Missouri and South Dakota.
[4] Figures for South Atlantic division represent District of Columbia, Georgia, and Florida.

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 companies are not included. Revenue car
mileage, equipment, employees, traffic, income, etc., of motor-bus lines operated by electric railways and

Revenue passengers carried by companies domiciled in State (thousands)—Con.		Passenger revenue of companies domiciled in State (thousands of dollars)				Revenue car miles operated by companies domiciled in State (thousands)				Division and State
1927				1927				1927		
Car lines	Motor-bus lines	1912	1922	Car lines	Motor-bus lines	1912	1922	Car lines	Motor-bus lines	
12,174,592	187,781	502,652	854,663	834,601	14,578	1,921,620	2,124,523	2,163,773	65,068	U. S.
910,455	54,621	52,521	87,704	79,752	4,607	191,451	173,083	154,549	15,971	N. E.
32,499	75	2,458	4,243	3,060		11,124	11,027	9,485	174	Me.
10,807	113	1,202	1,585	924	44	4,726	4,006	2,767	71	N. H.
3,691	70	423	451	258		1,776	1,406	980	30	Vt.
604,951	45,916	35,146	58,521	55,198	[2]4,563	125,894	105,162	96,723	13,166	Mass.
105,210	8,447	13,292	22,904	20,312	[1]	15,085	16,244	13,932	2,530	R. I.
153,297						32,846	35,238	30,662		Conn
5,172,379	174	180,634	287,560	308,687	17	663,589	710,550	755,120	55	M. A.
3,407,410	162	110,700	168,451	186,692	16	411,008	442,114	496,910	51	N. Y
406,444	12	17,616	30,863	21,743	1	60,994	69,214	52,179	4	N. J.
1,358,525		52,318	98,246	100,252		191,587	199,222	206,031		Pa.
2,886,084	55,906	118,128	213,365	211,622	5,061	474,239	546,337	571,510	22,683	E. N. C.
726,069	24,552	32,672	55,359	50,309	1,989	137,548	141,247	136,400	7,081	Ohio.
201,070	7,580	12,796	20,286	18,579	513	47,879	58,552	63,782	4,043	Ind.
1,257,594	10,282	49,815	93,817	100,278	1,007	201,027	230,127	256,985	4,310	Ill.
521,774	1,920	15,877	31,473	29,186	196	61,189	83,571	78,929	1,316	Mich.
179,577	11,572	6,968	12,430	13,270	1,356	26,596	32,840	35,414	5,933	Wis.
758,333	3,399	40,854	66,880	56,599	394	152,347	174,012	159,097	2,303	W. N. C.
207,476		9,420	15,850	14,379		32,793	36,066	35,546		Minn.
66,883	1,675	5,259	7,850	5,968	175	22,122	29,152	23,892	783	Iowa.
407,210	407	20,216	34,137	30,106	[3]167	72,573	80,738	76,702	180	Mo.
2,893		222	342	382		661	926	951		N. Dak.
736	510					474	579	368	879	S. Dak.
51,890	132	3,277	4,930	3,695	12	12,613	13,980	11,291	65	Nebr.
21,245	675	2,460	3,771	2,069	40	11,111	12,571	10,347	396	Kans.
743,305	9,401	30,921	58,883	54,733	[4]749	124,591	153,154	151,263	3,812	S. A.
18,961						3,967	3,883	3,649		Del.
227,918		15,480	30,995	29,164		34,439	42,401	40,387		Md.
136,888	7,459				[1]	18,558	21,037	20,082	2,775	D. C.
100,751		4,532	7,540	6,979		19,903	24,312	24,632		Va.
71,163		3,034	6,570	5,761		11,707	15,238	15,504		W. Va.
25,443		1,177	2,068	1,708		5,908	6,887	6,595		N. C.
10,255		929	1,755	751		4,658	7,719	7,399		S. C.
98,564	265	4,395	7,521	6,991	[4]	19,217	22,619	21,429	150	Ga.
53,362	1,677	1,374	2,414	3,379	[4]	6,144	9,058	11,586	887	Fla.
311,351		18,868	26,840	20,541		58,056	58,389	59,594		E. S. C.
117,894		5,592	7,643	7,764		22,274	20,372	21,480		Ky.
103,984		4,664	7,735	7,252		18,936	19,122	20,635		Tenn.
85,403		3,004	4,812	5,270		13,313	15,820	15,910		Ala.
4,010		608	650	255		3,533	3,075	1,479		Miss.
352,541	14,305	14,790	29,529	27,562	1,094	61,617	80,091	82,050	5,215	W. S. C.
25,887	28	1,183	1,781	1,530	3	5,594	5,735	6,371	26	Ark.
123,491	3,683	4,725	9,388	8,554	255	21,812	20,429	18,239	1,123	La.
23,808	4,178	1,254	3,127	2,443	301	6,143	9,356	9,017	1,416	Okla.
179,355	6,416	7,628	15,233	15,035	525	26,068	44,571	48,423	2,950	Tex.
118,004	1,283	8,061	11,459	9,072	136	30,150	32,739	32,187	723	Mt.
14,108		800	951	859		2,001	2,979	3,090		Mont.
64,865	591	4,521	6,222	4,898	[5]	17,202	15,746	15,152	259	Colo.
516		282	382			309	410	334		N. Mex.
5,432				447		1,019	981	1,096		Ariz.
837		451	388			1,420	1,323	770		Idaho.
						381	253			Wyo.
351		2,007	3,516	2,868		270	108	80		Nev.
31,895	692				[5]136	6,648	10,939	11,665	464	Utah.
922,140	28,692	42,875	68,463	66,033	2,520	165,580	196,168	198,493	14,306	Pac.
118,303	5,570	7,283	12,273	10,587	972	29,517	36,299	32,273	3,953	Wash.
60,471	2,652	4,578	6,285	5,147		19,509	21,341	20,192	1,313	Oreg.
743,366	20,470	31,014	49,905	50,299	1,548	116,554	138,528	146,028	9,040	Calif.

[5] Data for Colorado included with Utah.

Source: Bureau of the Census, Department of Commerce.

No. 413.—ELECTRIC RAILWAYS: MILEAGE, EQUIPMENT, OUTPUT OF ELECTRICITY, TRAFFIC, EMPLOYEES, AND SALARIES AND WAGES

NOTE.—See headnote to Table 411

	All companies					Surface lines	
	1907	1912	1917	1922	1927	1922	1927
Number of operating companies	945	975	943	858	682	851	678
Miles of all track [1]	34,404	41,065	44,835	43,932	40,722	43,074	39,851
First track (length of line)	25,547	30,438	32,548	31,264	27,948	(2)	27,667
Second and other tracks	8,856	10,627	12,288	12,668	12,775	(2)	12,184
Electric track with—							
Overhead trolley	32,502	38,958	42,491	41,418	[3] 38,246	41,368	[3] 38,225
Third rail and conduit trolley	1,532	1,747	2,051	2,314	2,270	1,487	1,419
Other (electric)	26	103	137	78	[3] 95	78	[3] 95
Number of cars	83,641	94,016	102,603	99,255	93,246	91,159	84,592
Passenger	70,016	76,162	79,914	77,301	70,309	69,397	61,881
Express, freight, and mail	5,669	7,794	11,534	11,406	*13,337*	*11,406*	*13,337*
Service cars	7,956	10,060	11,155	10,548	9,600	10,356	9,374
Number of electric locomotives	117	277	367	404	462	404	456
Horsepower of power-plant equipment [4] [5]	2,519,823	3,661,385	4,200,192	4,119,306	2,025,821	(2)	(2)
Steam turbines	535,404	1,462,800	2,322,692	2,856,006	1,561,457	(2)	(2)
Other steam engines [5]	1,876,123	1,703,088	1,221,223	827,027	420,889	(2)	(2)
Internal-combustion engines	16,335	24,190	28,294	32,495	7,700	(2)	(2)
Water wheels and turbines	91,961	471,307	627,983	403,778	35,775	(2)	(2)
Kilowatt capacity of generators [4]	1,723,416	2,505,316	2,924,779	2,972,334	1,470,904	(2)	(2)
Electric energy (1,000 kilowatt-hours) [4]		9,020,018	12,187,851	12,405,053	9,389,597	(2)	(2)
Generated [4]	4,759,130	6,002,659	7,240,503	6,473,451	2,975,863	(2)	(2)
Purchased	(6)	3,017,359	4,947,348	5,931,602	6,413,734	(2)	(2)
Passengers carried (thousands) [7]	9,533,081	12,135,342	14,508,915	15,331,400	14,901,435	*13,586,232*	*12,678,849*
Revenue passengers, including pay transfer	7,441,115	9,545,555	11,304,661	12,666,558	12,174,592	10,923,274	9,953,798
Free-transfer passengers	1,995,658	2,425,918	3,021,138	2,496,570	2,571,249	2,662,958	2,570,937
Free passengers	96,308	165,869	181,116	168,272	155,594		154,114
Revenue car mileage (thousands)	1,617,731	1,921,620	2,139,802	2,124,523	2,163,773	1,821,177	1,786,560
Passenger	1,583,831	1,885,870	2,087,819	2,068,294	2,084,566	1,764,948	1,707,353
Express, freight, and mail	33,900	35,750	51,983	56,229	79,207	56,229	79,207
Average number of revenue passengers:							
Per mile of all track [8]	216,522	232,556	252,323	288,600	299,733	253,842	259,826
Per passenger-car hour	43.06	48.38	53.69	61.14	59.68	(2)	57.66
Revenue car-hours (thousands)	151,339	190,478	203,057	201,838	202,513		178,837
Passenger	148,678	187,590	199,053	197,140	196,464		172,788
Express, freight, and mail	2,661	2,888	4,004	4,692	6,049		6,049
Salaried employees:							
Number	11,700	23,271	27,151	30,239	27,845	28,867	26,374
Salaries (thousand dollars)	12,909	26,129	33,910	57,489	56,647	54,481	52,770
Wage earners:							
Number	209,729	259,190	267,675	270,284	239,270	244,277	211,315
Wages (thousand dollars)	138,082	174,762	233,331	388,191	385,305	347,203	338,022
Conductors, motormen, and bus operators:							
Number	115,518	131,321	136,184	130,628	115,720	126,717	111,220
Wages (thousand dollars)	75,705	95,452	127,222	205,238	200,963	197,131	191,476
Other wage earners—							
Number	94,211	127,869	131,491	139,656	123,550	117,560	100,095
Wages (thousand dollars)	62,377	79,311	106,109	182,953	184,341	150,072	146,546

[1] Mileage expressed in nearest mile. Figures include track lying outside the United States (1907, 28 miles; 1912, 32 miles; 1917, 1922 and 1927, 27 miles).

[2] Not shown separately.

[3] Overhead trolley includes 25 miles of surface lines operated by both overhead trolley and gas-electric motor cars.

[4] Figures for power-plant equipment, capacity of generators, and output of stations in 1927 are not comparable with those in prior years, as companies that formerly reported these data as auxiliary operations on railway schedules furnished separate and complete reports for light and power operations in 1927. These are included in the statistics for "Central Electric Light and Power Stations." The number of companies that reported power-plant equipment in 1907 was 576; in 1912, 494; in 1917, 355; in 1922, 232 and in 1927, 70.

[5] Includes 867 units of 43,344 horsepower reported as auxiliary engines in 1907 and 33 units with 41,100 horsepower of idle equipment in 1927.

[6] No data.

[7] Not including passengers carried by motor busses operated by electric railway companies (16,120,000 in 1922 and 214,694,000 in 1927).

[8] Exclusive of idle track and freight and switching roads.

Source: Bureau of the Census, Department of Commerce.

No. 414.—ELECTRIC RAILWAYS: INCOME ACCOUNT OF OPERATING COMPANIES

NOTE.—See headnote to Table 411

[All figures except percentages in thousands of dollars]

	All companies					Surface lines		Motor-bus lines, 1927
	1907	1912	1917	1922	1927	1922	1927	
Gross operating revenue	418,188	567,511	709,825	1,016,719	[1] 927,774	910,858	[1] 798,754	68,121
Railway operations	400,896	535,996	650,150	925,477	918,869		789,849	67,253
Passenger	382,132	502,652	603,130	854,663	834,601	757,736	713,288	
Baggage, express, and milk	1,561	3,688	4,965	5,285	4,271	153,121	4,271	
Freight	5,231	10,165	18,546	31,560	39,125		39,125	
Other railway operations	11,972	19,491	23,508	33,969	40,873		33,165	
Auxiliary operations	17,292	31,515	59,675	91,242	[1] 8,905		[1] 8,905	868
Operating expenses (total)	251,309	332,896	452,595	727,795	[1] 694,460	660,136	[1] 616,258	66,002
Railway operating expenses	245,140	318,700	421,251	678,563	686,638	612,099	608,436	65,771
Way and structures	28,521	44,270	55,470	102,003	96,285	94,126	85,807	23,717
Equipment	31,486	38,717	48,962	87,237	92,865	77,500	79,249	
Power	43,972	53,599	76,958	107,246	98,602	92,790	84,508	
Conducting transportation	[2] 97,123	[2]129,205	174,973	286,600	294,322	256,957	262,415	42,054
All other	44,038	52,909	64,868	95,388	104,564	90,726	96,457	
Auxiliary operations	6,169	14,196	31,344	49,232	[1] 7,822	48,036	[1] 7,822	231
Ratio of expenses to revenue (per cent)	60.1	58.7	63.8	71.6	74.9	72.5	77.2	96.9
Net operating revenue	166,879	234,615	257,230	288,924	[1] 233,313	250,722	[1] 182,496	2,119
Taxes	19,756	35,028	45,756	64,788	57,809	58,347	49,594	2,880
Operating income	147,123	199,587	211,474	224,136	[1] 175,505	192,375	[1] 132,902	[3] 761

[1] Not comparable with corresponding figures for prior years, as a number of companies that formerly reported their light and power departments in "auxiliary operations" furnished complete separate reports for these departments in 1927 which are included in statistics for "Central Electric Light and Power Stations."

[2] Includes superintendence of power. [3] Deficit.

Source: Bureau of the Census, Department of Commerce.

No. 415.—RECEIVERSHIPS OF ELECTRIC RAILWAYS

Year	Placed under receivership				Sold under foreclosure				Receivers' certificates
	Number of companies	Miles of track	Outstanding securities		Number of companies	Miles of track	Outstanding securities		
			Stock	Bonds			Stock	Bonds	
			Dollars	*Dollars*			*Dollars*	*Dollars*	*Dollars*
1910	11	697	12,629,400	75,490,735	22	724	19,106,613	26,374,075	[1]
1911	19	519	29,533,450	38,973,293	25	661	91,354,800	115,092,750	[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	1,152	40,298,050	39,372,375	19	308	30,508,817	16,759,997	[1]
1916	15	359	14,476,600	10,849,200	19	430	13,895,400	22,702,300	[1]
1917	21	1,177	33,918,725	33,778,400	26	745	27,281,900	27,313,045	[1]
1918	29	2,018	92,130,388	163,257,102	23	524	37,740,325	20,149,384	[1]
1919	48	3,781	321,259,354	312,915,104	29	2,675	89,893,400	79,836,738	42,300
1920	19	1,065	28,758,455	72,283,575	13	260	7,782,400	11,227,328	52,000
1921	19	986	32,909,525	36,177,800	13	778	33,642,255	30,863,526	5,000
1922	14	605	18,140,150	20,304,400	13	323	7,491,500	12,640,600	114,683
1923	12	334	8,332,100	14,707,066	15	927	118,077,959	110,638,250	12,265,000
1924	12	1,022	28,489,700	35,716,000	14	869	21,022,800	34,845,535	3,440,388
1925	14	1,260	51,383,195	54,696,525	13	569	18,074,300	18,329,555	53,000
1926	16	1,228	17,769,435	117,560,073	28	1,291	20,054,700	57,340,363	214,000
1927	13	624	17,615,050	20,875,450	16	941	53,345,000	78,445,100	3,140,000
1928	8	262	9,216,700	14,790,700	8	1,004	26,084,325	40,683,400	168,150
1929	5	426	39,035,000	35,138,400	10	510	18,472,995	21,173,700	285,359
1930	12	1,431	85,358,800	108,372,110	8	1,055	36,254,965	44,564,000	
1931	17	1,308	38,261,502	43,025,994	12	845	38,206,600	19,769,600	50,000
1932	20	1,849	167,542,450	341,086,181	6	347	10,685,000	12,609,800	

[1] Data not available.

Source: Annual Statistical Number, Transit Journal.

No. 416.—ELECTRIC RAILWAYS: Comparative Statistics of Subway and Elevated Lines [1]

	1907	1912	1917	1922	1927
Number of companies	6	7	7	7	[2] 4
Miles of track [3]	420.4	517.8	666.1	857.9	870.9
Number of cars	4,453	5,706	6,801	8,090	8,654
Passengers carried (thousands)	640,705	1,004,823	1,274,652	1,745,167	2,222,586
Revenue passengers, including pay transfer	635,653	991,062	1,262,509	1,743,284	2,220,794
Revenue car mileage (thousands)	143,634	219,467	247,199	343,346	377,213
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
Per passenger-car hour	(5)	(5)	(5)	90.86	93.80
Salaried employees:					
Number	362	907	1,937	1,372	1,471
Salaries	$569,317	$1,397,898	$2,647,901	$3,008,067	$3,877,475
Wage earners:					
Number	12,501	19,098	26,835	26,007	27,955
Wages	$8,688,403	$13,866,813	$22,092,946	$40,987,936	$47,282,821

[1] Exclusive of the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group.
[2] Prior to 1927 four companies in Illinois were consolidated forming the Chicago Rapid Transit Co.
[3] Includes a minor amount of surface trackage.
[4] Average for 1917, 1922, and 1927 based upon running track exclusive of idle track and freight and switching roads; for 1907 and 1912, upon all track exclusive of idle track and freight and switching roads.
[5] No data.

Source: Bureau of the Census, Department of Commerce.

No. 417.—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	1907	1912	1917	1922	1927	Class of trackage and State	1907	1912	1917	1922	1927
Elevated, total	362.4	417.8	497.3	601.7	634.2	Subways and tunnels, total	74.8	112.7	218.8	325.6	342.4
New York	200.4	230.8	297.0	362.8	373.0	New York [2]	60.4	70.5	162.4	269.1	281.7
Illinois	125.8	141.9	146.9	163.9	178.7	Massachusetts	7.8	18.5	25.2	27.0	29.4
Pennsylvania	7.7	9.9	16.7	32.4	32.2	New Jersey [3]	------	11.7	12.6	12.6	12.6
Massachusetts	16.7	26.6	26.2	30.1	35.6	Pennsylvania	5.6	8.4	9.0	8.0	9.2
New Jersey	[1] 7.2	4.3	4.4	4.3	4.3	California	------	.3	5.4	5.4	5.9
Missouri	3.2	2.9	3.0	2.9	------	Illinois	.6	1.9	1.9	1.8	1.8
Washington	------	------	------	2.7	7.8	All other States [4]	.4	1.4	2.3	1.7	1.8
Maryland	1.4	1.4	1.4	1.4	1.4						
California	------	------	1.2	1.2	1.2						
Kansas	------	------	.5	------	------						

[1] Includes 3.06 miles of Camden and Atlantic branch of West Jersey & Seashore Railroad Co., tabulated as an electrified division of a steam road in subsequent years.
[2] Excludes 11.68 miles operated in New Jersey.
[3] Includes 11.68 miles owned by a New York company.
[4] Minnesota, Missouri, Rhode Island, and Washington, 1927; Rhode Island, Minnesota, and Missouri, 1922; Connecticut, Minnesota, Missouri, Rhode Island, West Virginia, and Wisconsin, 1917; Kansas, Missouri, Oregon, and Tennessee, 1912; Missouri, 1907.

Source: Bureau of the Census, Department of Commerce.

No. 418.—ELECTRIC RAILWAYS: FINANCES OF ELEVATED AND SUBWAY LINES

NOTE.—All figures in thousand 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
Income from all sources	34,258	55,246	70,213	108,483	132,135
Operating revenues	33,874	52,239	68,537	105,862	129,020
Operating expenses	15,129	23,613	31,669	67,660	78,202
Net operating revenue	18,745	28,626	36,868	38,202	50,818
Taxes of operating companies	1,986	3,501	5,136	6,441	8,215
Operating income	16,759	25,125	31,732	31,761	42,603
Miscellaneous income	384	3,008	1,070	2,621	3,115
Gross income	17,143	28,133	33,408	34,382	45,718
Deductions from gross income	11,473	18,902	21,347	34,856	33,907
Interest	3,701	9,654	10,442	19,225	23,270
Miscellaneous	7,772	9,248	10,905	15,631	10,637
Net income	5,670	9,231	12,061	[1] 474	11,811
Dividends	4,009	8,530	10,087	----------	6,250
Surplus	1,661	701	1,974	[1] 474	5,561

[1] Deficit.

Source: Bureau of the Census, Department of Commerce.

No. 419.—CIVIL AERONAUTICS: SUMMARY OF STATISTICS

Item	1928	1929	1930	1931	1932
SCHEDULED AIR TRANSPORT OPERATIONS					
Services in operation Dec. 31	63	97	122	126	136
Miles of all airways in operation Dec. 31	16,667	36,321	49,549	50,398	48,530
Airplanes in service and reserve Dec. 31	325	525	600	590	564
Value	$7,000,000	$12,000,000	$11,489,540	$9,167,500	$8,763,432
Total personnel employed Dec. 31	1,496	2,345	3,475	[1] 5,645	[1] 5,588
Pilots employed	308	562	675	690	709
Airplane miles flown, all operators	10,673,450	25,141,499	36,945,203	47,385,987	50,932,967
Airplane miles flown daily, average for the year	29,242	68,881	101,220	129,825	139,542
Passengers carried	49,713	173,405	417,505	522,345	540,681
Average passenger-mile rate	$0.11	$0.12	$0.083	$0.0674	$0.061
Express and freight carried, pounds	216,644	257,443	468,571	1,151,348	1,033,970
Express and freight privately carried, pounds	1,631,512	1,609,436	2,400,684	1,532,156	669,011
Miles of mail airways Dec. 31 [2]	14,561	26,597	41,501	43,735	45,436
Airplane miles flown with mail [2]	7,846,296	14,869,166	19,904,185	33,113,720	36,053,067
Mail carried by contractors, pounds [2]	4,063,173	7,772,014	8,513,675	9,643,211	7,908,723
Average mail load per scheduled round trip, pounds [3]	489	617	608	678	522
Mail income to contractors [2]	$7,432,721	$17,042,521	$20,015,969	$26,884,043	$26,234,321
Average mail income per scheduled round trip [3]	$994	$1,205	$974	$1,482	$1,363
Average income per pound of contract mail [3]	$2.03	$2.01	$1.60	$2.19	$2.61
Average mail income per contract mile flown [3]	$0.94	$1.06	$0.88	$0.70	$0.56
MISCELLANEOUS [4]					
Airplane miles flown (misc. flying operations)	60,000,000	110,000,000	108,269,760	94,343,115	78,178,700
Miles airways lighted by Dept. of Commerce	6,988	12,448	15,258	17,512	19,500
Under construction	2,314	1,352	3,221	1,988	----------
Beacons, revolving and flashing (Federally operated)	1,188	1,311	1,652	1,836	1,988
Beacons, privately owned and certified	54	114	140	188	228
Radio communication stations	20	34	45	56	61
Radio range beacon stations	2	9	33	47	68
Radio marker beacons	----------	----------	6	46	74
Weather reporting airway and airport stations [5]	----------	58	143	234	234
Weather Bureau airway stations [6]	95	190	279	348	310
Weather Bureau first order stations	206	207	209	218	216
Commercial and private airports	385	495	564	673	645
Municipal airports	368	453	550	630	549
Intermediate landing fields—Dept. of Commerce—					
Lighted	210	285	347	385	337
Unlighted	----------	----------	7	19	15
Auxiliary airports—marked	340	235	240	300	476
Army, Navy, Marine Corps, National Guard, reserve and miscellaneous airports	81	82	74	80	95
Pilots licensed (active), airplane	4,887	10,215	15,280	17,730	18,594
Airplanes licensed (active)	3,165	6,685	7,354	7,553	7,330

[1] Includes operation and office personnel.
[2] All air mail routes, whether domestic or foreign.
[3] Domestic only, as foreign mail is carried on a 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 required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety. Displacement tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

No. 420.—CARGO TONNAGE OF WATER-BORNE COMMERCE OF THE UNITED STATES

[In thousands of short tons of 2,000 pounds]

	1926	1927	1928	1929	1930	1931
Foreign commerce, total	131,293	120,523	126,768	127,510	114,110	89,526
Imports, through seaports	44,534	43,388	46,690	51,591	46,448	37,375
Exports, through seaports	69,859	56,550	56,151	55,761	48,148	38,841
Imports, Great Lakes ports	6,424	8,098	8,548	6,385	7,590	4,016
Exports, Great Lakes ports	10,176	12,487	15,379	13,773	11,924	9,294
Domestic commerce, unadjusted total	470,208	473,118	482,232	527,535	477,220	403,918
Coastwise, between ports	108,023	121,036	119,254	124,999	117,821	113,949
Great Lakes, between ports	116,486	113,917	119,301	135,838	109,791	71,788
Local traffic of seaports and Great Lakes ports[1]	89,168	78,162	77,925	91,892	81,403	70,814
Traffic between seaports and river points	34,510	38,191	37,672	39,632	35,601	34,044
Traffic on rivers, canals, and connecting channels [2]	122,021	121,812	128,080	135,174	132,604	113,323
Foreign and domestic, unadjusted total	601,501	593,641	609,000	655,045	591,330	493,444
Deduction of duplications:						
Traffic between seaports and river points	34,510	38,191	37,672	39,632	35,601	34,044
Other duplications (canals, etc.) [3]	26,491	22,950	32,128	31,613	35,449	13,752
Net total, foreign and domestic	540,500	532,500	539,200	583,800	520,280	445,648
Approximate net total, domestic [4]	409,207	411,977	412,432	456,290	406,170	356,122

[1] Includes the following, with figures for 1931: Harbor traffic of New York, Philadelphia, and San Francisco (40,623,000 tons); local traffic of other seaports (24,469,000); local traffic of lake ports (5,722,000).

[2] Excluding St. Marys Falls Canal traffic (44,614,000 tons in 1931) and additional Detroit River traffic (21,798,000 tons in 1931), 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. 421.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS, 1931

NOTE.—**In thousands of short tons of 2,000 pounds.** In addition to the commerce here shown, many of the ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including in the case of New York, Philadelphia, and San Francisco, what is called intraport traffic between parts of a harbor for which separate statistics are maintained. These forms of traffic, although the aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic

Port	Imports	Exports	Coastwise	
			Receipts	Shipments
Grand total	37,375	38,841	116,813	111,085
Atlantic ports	31,088	12,533	76,464	44,847
Searsport, Me.	14	-------	373	58
Portland, Me.	463	62	1,831	206
Portsmouth, N. H.	50	-------	221	9
Boston Harbor, Mass.	2,783	231	-------	-------
Beverly, Mass.	48	-------	500	13
Salem, Mass.	-------	-------	416	-------
Lynn, Mass.	5	-------	340	2
New Bedford and Fairhaven, Mass.	(1)	1	684	71
Fall River, Mass.	524	2	862	442
Newport, R. I.	-------	-------	118	7
Providence, R. I.	735	(1)	3,672	632
New London, Conn.	21	-------	448	107
New Haven, Conn.	15	5	2,047	387
Bridgeport, Conn.	44	-------	855	67
Stamford, Conn.	-------	-------	285	27
Greenwich, Conn.	-------	-------	125	1
New York Harbor, N. Y.	14,751	6,924	29,530	6,590
Hempstead, N. Y.	-------	-------	403	4,902
Huntington Bay, N. Y.	-------	-------	2	1,241
Port Jefferson, N. Y.	-------	4	115	2,679
Philadelphia, Pa.[2]	4,389	1,813	11,744	4,420
Baltimore, Md.	4,394	891	2,659	1,281
Hampton Roads, Va.	789	1,501	1,262	17,796
Wilmington, N. C.	251	15	598	22
Charleston Harbor, S. C.[3]	372	152	843	195
Savannah, Ga.	462	339	983	517
Brunswick, Ga.	52	96	307	201
Fernandina, Fla.	-------	136	(1)	15
Jacksonville, Fla.	316	163	909	414
Miami, Fla.	188	57	261	133
Key West, Fla.	59	107	96	2
San Juan, P. R.	189	18	412	242
Gulf ports	3,673	13,830	7,128	36,292
Charlotte, Fla.	-------	213	2	170
Tampa, Fla.	119	847	969	853
Gulf ports—Con.				
Pensacola, Fla.	64	284	155	132
Mobile, Ala.	287	623	540	718
Gulfport, Miss.	45	141	41	6
New Orleans, La.	2,300	2,237	2,834	2,101
Baton Rouge, La.	126	1,286	8	1,777
Galveston, Tex.	228	1,387	598	1,003
Texas City, Tex.	73	148	8	2,431
Houston, Tex.	294	4,056	895	6,945
Freeport, Tex.	-------	178	95	238
Port Aransas, Tex.	-------	-------	-------	1,716
Sabine, Tex.	-------	-------	-------	443
Port Arthur, Tex.	7	1,582	547	7,106
Beaumont, Tex.	100	537	69	10,502
Corpus Christi, Tex.	5	286	90	61
Pacific ports	2,614	12,478	33,221	29,946
San Diego, Calif.	26	8	635	16
Los Angeles, Calif.	580	5,412	6,023	11,082
San Luis Obispo, Calif.	-------	477	14	1,933
San Francisco Bay, Calif.	787	2,816	15,440	6,054
Monterey, Calif.	-------	-------	85	426
Humboldt, Calif.	1	12	196	204
Long Beach, Calif.	51	116	1,288	1,400
Coos Bay, Oreg.	-------	94	63	264
Portland, Oreg.	92	1,077	2,299	1,020
Other ports on Columbia and Willamette Rivers	3	210	168	308
Longview, Wash.	6	107	68	405
Grays Harbor, Wash.	2	409	114	468
Port Gamble, Wash.	26	17	1	208
Olympia, Wash.	(1)	220	57	231
Tacoma, Wash.	264	589	650	712
Seattle, Wash.	282	536	3,242	1,470
Everett, Wash.	114	142	263	650
Anacortes, Wash.	32	7	71	68
Bellingham, Wash.	12	61	86	370
Port Angeles, Wash.	138	25	119	134
Port Ludlow, Wash.	34	18	1	199
Honolulu, Hawaii	101	12	1,162	735
Kahului, Hawaii	8	6	155	216
Hilo, Hawaii	14	9	143	189

[1] Less than 500 tons. [2] Including Delaware and Schuylkill Rivers, Pa. [3] Including Ashley River.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 422.—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			
	1928	1929	1930	1931	1928	1929	1930	1931
Total	128,825	141,182	116,812	74,300	134,204	150,653	122,288	82,586
Agate Bay, Minn.	174	184	101	67	6,432	7,416	7,102	3,742
Alpena, Mich.	247	289	252	207	1,578	1,623	1,483	1,412
Ashland, Wis.	734	856	786	590	7,259	8,535	5,655	3,259
Ashtabula, Ohio	7,100	8,938	6,451	2,123	4,213	3,435	4,323	4,021
Buffalo, N. Y.	16,213	15,277	12,427	9,695	3,335	2,689	2,572	2,359

No. 422.—Great Lakes, Commerce of the Principal Ports—Continued

Port	Receipts				Shipments			
	1928	1929	1930	1931	1928	1929	1930	1931
Calcite, Mich	138	125	93	40	11,137	10,694	8,660	3,753
Charlotte, N. Y. (Rochester)	174	150	149	138	1,319	1,458	925	851
Chicago, Ill.[1]	14,542	14,920	11,238	7,046	1,398	1,417	1,561	2,472
Cleveland, Ohio	11,905	14,059	9,620	4,083	1,363	2,028	2,198	1,953
Conneaut, Ohio	9,283	9,572	8,570	4,246	1,845	2,874	2,247	1,426
Detroit, Mich	3,310	4,628	4,847	3,194	676	787	297	308
Duluth-Superior	11,733	12,130	11,247	8,766	41,471	48,256	34,480	17,692
Erie, Pa	1,310	2,301	1,905	1,269	874	963	2,496	2,416
Escanaba, Mich	196	185	222	154	6,111	7,116	4,543	1,784
Fairport, Ohio	3,524	3,737	3,071	1,719	2,132	1,575	840	529
Frankfort, Mich	874	925	787	607	777	851	663	480
Gary, Ind	7,216	8,728	6,723	3,997	16	102	190	60
Grand Haven, Mich	627	580	444	365	742	715	543	447
Green Bay, Wis	1,348	1,474	1,510	1,374	278	311	299	6
Huron, Ohio	1,140	1,315	1,005	489	754	781	903	828
Indiana Harbor, Ind	5,649	6,189	5,211	3,012	1,091	1,302	1,294	1,406
Kewaunee, Wis	227	302	221	168	254	269	239	207
Keweenaw Waterway, Mich	703	825	803	493	70	40	22	22
Lorain, Ohio	4,421	4,804	3,422	2,206	2,163	2,328	2,028	1,468
Ludington, Mich	1,075	1,038	862	222	1,507	1,634	1,351	1,541
Manistique, Mich	81	109	123	88	168	156	151	85
Manitowoc, Wis	1,490	1,553	1,308	1,083	830	797	606	503
Marquette Harbor, Mich	207	180	193	162	852	981	617	450
Marquette Bay, Mich			1		2,979	4,016	2,706	1,372
Menominee, Mich. and Wis	534	568	484	409	247	254	196	173
Milwaukee, Wis	6,197	6,698	6,122	4,840	1,787	1,866	1,581	1,682
Muskegon, Mich	486	523	535	583	153	449	134	94
Ogdensburg, N. Y	503	529	508	404	895	687	562	460
Rockport, Mich	16	17	9	5	1,986	1,790	1,092	519
Rouge River, Mich	4,478	5,725	4,472	3,270	117	187	404	420
Sandusky, Ohio	105	63	50	41	7,145	9,710	7,961	6,498
Sault Ste. Marie, Mich	834	821	760	494	4	2	(2)	(2)
Sheboygan, Wis	438	431	418	368	10	10	7	11
Sturgeon Bay, Wis	23	25	26	27	473	1,038	763	210
Toledo, Ohio	2,745	3,538	3,553	1,439	15,795	16,179	15,970	13,133
Tonawanda, N. Y.[3]	317	407	287	56	2	79	31	2
Wyandotte, Mich	1,477	1,759	1,577	1,349	11	26		23
All other	4,471	4,694	4,359	2,752	1,959	2,627	2,588	2,509

[1] Includes Chicago Harbor, Chicago River and Calumet Harbor.
[2] Less than 500 tons.
[3] By lake and Niagara River.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 423.—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	1,348,305	793,706			
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	2,141,479	1926–1930	2,904,576	2,397,042	933,602	282,649	397,328
1856–1860	3,911,407	1,889,759	1924	2,032,317	1,691,766	698,240	365,266	237,018
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	5,219,388	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	1932	3,643,433	3,186,094	1,039,698	130,674	880,095
1901–1905	3,335,210	2,144,492						
1906–1910	3,238,129	2,206,595						

Source: Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 424.—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
1918	85,680	66,285	19,395	80,958	4,722	70,108	83,508	1.19	987
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

	1910	1915	1920	1925	1930	1931	1932
Passengers carried—number	66,933	50,336	68,451	56,956	45,303	33,666	20,241
Freight, eastbound—1,000 tons	47,134	56,369	63,464	67,305	57,067	32,687	11,822
Flour—1,000 bbls	7,576	8,437	7,478	9,289	8,632	8,576	7,116
Wheat—1,000 bus	86,260	255,432	143,456	292,818	243,927	189,090	207,224
Other grain—do	39,243	64,755	51,630	149,927	55,434	56,303	39,616
Lumber—1,000 ft. b. m	603,101	456,451	192,854	186,486	150,986	143,209	77,664
Iron ore—1,000 short tons	41,600	45,212	56,643	53,821	46,990	24,222	3,607
All other—do	380	506	176	222	351	403	217
Freight, westbound—1,000 tons	15,229	14,921	15,818	14,570	15,831	11,927	8,659
Coal—do	13,514	13,357	14,156	12,874	14,059	10,403	7,375
All other—do	1,715	1,564	1,662	1,696	1,772	1,524	1,284

No. 425.—OHIO RIVER TRAFFIC: Tonnage, Ton-mileage, and Freight

Note.—Figures exclude ferry traffic. In 1931 the tons of freight carried on ferries were reported as 1,583,369 but the hauls, of course, are very short. The passengers carried other than on ferries for 1931 were 1,429,751. 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*
1919	5,004	604,751	88,912	1930—Total	22,337	1,473,927	188,245
1920	9,382	1,183,915	223,443	Up	3,403	----------	22,525
1921	7,308	844,895	93,275	Down	6,636	----------	49,163
1922	6,292	807,793	144,796	Inbound	8,854	----------	85,381
1923	8,281	----------	110,022	Outbound	3,445	----------	31,176
1924	10,867	----------	128,356				
1925	15,737	825,497	151,622	1931—Total	18,071	1,486,445	166,987
1926	19,755	----------	150,086	Up	2,529	----------	19,083
1927	20,129	1,214,491	168,423	Down	5,142	----------	31,169
1928	20,938	1,344,687	191,519	Inbound	7,221	----------	57,097
1929	21,955	1,512,585	192,308	Outbound	3,180	----------	59,639

Source of Tables 424 and 425: Annual Report of the Chief of Engineers, United States Army.

No. 426.—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	395,828	652,494	724,953	727,884	1,583,880	3,909,417	746,381	2,614,074
1924	300,009	438,719	528,431	624,590	917,475	748,965	1,589,202	6,044,075	766,463	3,872,316
1925	420,246	583,323	651,002	1,037,652	1,391,234	1,821,025	1,363,254	7,738,396	467,616	5,359,639
1926	420,379	585,600	732,729	927,459	1,165,142	3,627,638	1,462,325	9,612,163	529,590	6,116,517
1927	448,459	659,743	839,718	1,304,599	1,371,134	2,986,963	1,727,352	7,089,393	354,117	4,447,025
1928	474,173	956,010	855,631	1,675,625	1,856,842	2,940,998	1,680,541	6,974,085	379,942	4,601,718
1929	309,980	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	585,799	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

	Between Ohio and Illinois Rivers		Cairo to Memphis		Memphis to Vicksburg		Vicksburg to New Orleans	
	1930	1931	1930	1931	1930	1931	1930	1931
Upbound	341,158	467,685	726,417	1,277,699	949,015	1,040,689	2,540,936	2,453,457
Coffee	11,430	25,988	13,618	34,277	19,820	44,766	21,927	46,786
Sugar	93,732	98,810	221,753	294,640	312,690	349,500	352,059	383,127
Sisal	13,444	25,366	18,846	28,486	17,533	28,486	17,533	28,490
Burlap and bagging	18,154	19,145	23,158	21,861	30,918	26,580	31,730	27,640
Logs, barged	29,880		76,061	24,950	65,714	81,127	44,883	11,905
Petroleum and products	303	1,273	24,033	38,263	15,312	67,577	1,718,142	1,669,772
Receipts at Baton Rouge							206,187	310,849
Shipments from Baton Rouge								114,608
Gravel and sand	4,950	2,400	138,800	231,000	142,021	43,660		443
Cement	36,079	3,584	760	10,348		129	394	180
Bauxite ore	128	3,240		3,240		3,240		3,240
Sulphur	21,280	19,813	85,886	48,376	85,886	45,826	85,886	45,866
All other	111,778	268,066	123,502	542,198	259,121	349,798	268,382	236,002
Downbound	585,799	835,349	2,104,930	2,558,516	1,428,553	1,362,837	6,636,769	6,335,923
Wheat	123,056	120,414	168,298	129,424	174,802	139,474	174,802	139,474
Corn	9,378	7,256	9,390	9,754	9,380	9,724	9,431	9,743
Fruits and vegetables	15,712	16,883	42,348	48,864	30,623	39,186	25,609	34,864
Tobacco	28		1,274	2,961	17,208	13,507	17,226	13,537
Cotton, raw		14	6	3,588	59,490	92,708	109,201	202,483
Logs, barged	17,673	957	58,200	103,694	67,145	42,561	143,469	8,345
Logs, rafted or floated	1,138	15,929	65,500	77,409	97,561	72,888	61,577	98,145
Coal and coke	17,578	24,898	142,075	149,505	68,599	28,194	5,396	1,105
Petroleum and products	4,739	11,361	2,155	4,469	22,224	12,943	5,699,282	5,534,645
Receipts at Baton Rouge							624,109	619,397
Shipments from Baton Rouge							3,566,642	3,681,823
Stone	230,730	317,095	129,193	397,506	47,550	96,887	7,307	3,010
Gravel and sand	17	5,900	511,199	452,280	290,998	324,139	44,568	26,336
Cement	13,635	131,349	48,815	133,888	5,503	13,930	8,754	1,395
Iron and steel products	43,268	40,225	493,733	383,741	131,962	105,370	116,055	90,489
Machinery	20,888	4,121	33,234	63,930	87,330	42,397	30,083	9,702
All other	87,959	129,947	399,510	577,513	318,178	328,929	184,009	162,050

Source: Annual Report of the Chief of Engineers, United States Army.

No. 427.—UNITED STATES MERCHANT MARINE: DOCUMENTED TONNAGE

NOTE.—For definition of "gross ton" see general note, p. 372. 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
1813[2]	-------	-------	-------	1,425	-------	1,425	981	405	4	35
1820[2 3]	-------	-------	-------	1,280	-------	1,280	584	588	36	72
1830[2 3]	-------	-------	-------	1,192	64	1,127	538	517	40	98
1840[4]	-------	-------	-------	2,181	202	1,978	763	1,177	137	104
1850	-------	-------	-------	3,535	526	3,010	1,440	1,798	146	152
1860	-------	-------	-------	5,354	808	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
1921	28,012	19,071	8,941	18,282	15,745	2,537	11,077	7,163	4	37
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

Classes	Number					Thousands of gross tons				
	1910	1920	1930	1931	1932	1910	1920	1930	1931	1932
By utilization:										
Registered—										
Foreign trade	1,490	5,932	4,175	3,944	3,866	783	9,925	6,296	5,574	5,071
Whale fisheries	36	26	14	18	12	9	4	7	9	2
Enrolled—										
Coasting and internal trade	13,654	12,181	12,497	12,971	12,726	6,555	6,233	9,608	10,170	10,612
Cod and mackerel fisheries	395	196	261	262	247	39	32	36	34	32
Licensed—										
Coasting and internal trade	9,328	9,463	8,004	8,023	8,056	114	124	115	115	116
Cod and mackerel fisheries	837	385	263	253	249	8	6	6	6	6
By location:										
Atlantic and Gulf[5]	17,084	16,850	14,321	14,535	14,377	3,523	9,739	9,904	9,869	10,678
Pacific[6]	3,574	6,512	6,466	6,527	6,533	937	3,326	3,227	3,089	3,115
Northern lakes	3,273	3,091	2,450	2,441	2,272	2,895	3,139	2,758	2,766	1,857
Western rivers	1,809	1,730	1,977	1,968	1,974	154	120	178	184	189
By power:										
Sail	8,947	4,030	1,584	1,447	1,342	1,655	1,272	757	673	625
Steam[7]	12,452	8,103	6,087	5,890	5,776	4,900	13,466	12,775	12,475	12,490
Motor[7]	-------	10,711	12,124	12,346	12,448	-------	357	982	1,053	1,060
Canal boats	674	448	226	203	176	74	52	29	26	23
Barges	3,667	4,891	5,193	5,585	5,414	878	1,177	1,525	1,681	1,623
By material:										
Wood	23,527	23,781	20,211	20,437	20,069	3,391	3,870	2,554	2,565	2,417
Metal	2,213	4,402	5,003	5,034	5,087	4,117	12,448	13,514	13,344	13,421

[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. 428.—UNITED STATES MERCHANT MARINE: LARGER SEAGOING VESSELS, BY CLASSES AND SIZE, AS OF JULY 1

NOTE.—For definition of "gross ton" see general note, p. 372. The number and tonnage reached their maximum in 1921

	Number					Thousands of gross tons				
	1921	1925	1930	1931	1932	1921	1925	1930	1931	1932
Vessels of 500 gross tons or over, total	3,723	3,143	2,409	2,265	2,217	13,234	12,056	10,482	10,132	10,134
Private ownership	1,925	1,925	1,931	1,868	1,855	5,241	6,217	7,818	7,893	8,045
Shipping Board [1]	1,798	1,218	478	397	362	7,994	5,840	2,664	2,239	2,089
Steam and motor	2,888	2,432	1,949	1,882	1,867	12,216	11,143	9,854	9,610	9,653
Sailing and unrigged	835	711	460	383	350	1,019	913	629	523	480
Foreign trade	2,559	1,702	1,117	1,001	928	10,621	7,517	5,009	5,489	5,277
Coasting trade	1,164	1,441	1,292	1,264	1,289	2,614	4,539	5,474	4,644	4,857
Steel	2,549	2,394	1,927	1,865	1,853	11,441	11,141	9,871	9,635	9,682
Wood	1,174	749	482	400	365	1,793	916	611	498	451
Power vessels of 1,000 gross tons and over, total	2,752	2,322	1,858	1,789	1,778	12,116	11,061	9,785	9,539	9,586
Steel	2,387	2,243	1,805	1,741	1,733	11,210	10,913	9,603	9,456	9,511
Wood	365	79	52	48	45	906	147	92	83	75
Passenger	238	193	200	199	212	1,271	1,227	1,348	1,386	1,507
Freight	2,145	1,739	1,273	1,194	1,171	8,620	7,477	6,023	5,609	5,530
Tank	351	375	371	382	381	2,124	2,274	2,339	2,470	2,474
Refrigerator	18	15	14	14	14	101	83	75	75	75
Steam engine	2,697	2,259	1,743	1,670	1,659	11,984	10,869	9,273	8,982	9,028
Oil burning	1,595	1,720	1,498	1,439	1,436	8,240	8,875	8,202	7,958	8,043
Coal burning	1,102	539	245	231	223	3,744	1,994	1,071	1,024	985
Oil engine (internal-combustion)	55	63	115	119	119	132	192	513	557	558
Size—gross tons:										
1,000 to 1,999	151	137	114	108	107	234	208	172	164	158
2,000 to 2,999	879	569	268	251	246	2,209	1,403	668	628	609
3,000 to 3,999	362	285	179	171	170	1,232	1,011	606	578	576
4,000 to 4,999	199	213	198	188	192	922	994	915	871	903
5,000 to 5,999	558	345	439	444	438	3,110	2,210	2,716	2,481	2,434
6,000 to 6,999	337	504	318	322	310	2,149	2,818	2,044	2,013	2,006
7,000 to 7,999	158	149	144	140	140	1,164	1,099	1,069	1,027	1,030
8,000 to 8,999	54	56	64	69	75	451	468	534	578	630
9,000 to 9,999	10	22	32	40	40	96	240	303	387	376
10,000 and over	44	42	52	56	60	548	611	707	812	863

[1] One thousand gross tons or over; the Shipping Board fleet is almost wholly of such vessels.

No. 429.—VESSELS BUILT IN THE UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS: YEARS ENDED JUNE 30

Yearly average or year	Number	Gross tons	Year	Number	Gross tons
1797-1800		72,574	1914	1,151	316,250
1801-1810		[1] 102,452	1915	1,157	225,122
1811-1820		89,797	1916	937	325,413
1821-1830	790	89,372	1917	1,297	604,479
1831-1840	924	118,960	1918	1,528	1,300,868
1841-1850	1,195	185,309	1919	1,953	3,326,621
1851-1860	1,406	366,603	1920	2,067	3,880,639
1861-1870	1,054	299,602	1921	1,361	2,265,115
1871-1880	1,455	253,800	1922	845	661,232
1881-1890	1,056	230,197	1923	770	335,630
1891-1900	1,055	235,699	1924	1,049	223,963
1901-1910	1,311	418,178	1925	967	199,846
1911-1920	1,449	1,090,938	1926	924	224,673
1921-1925	998	737,158	1927	917	245,144
1926-1930	928	222,054	1928	969	257,180
1910	1,361	342,068	1929	808	128,976
1911	1,422	291,102	1930	1,020	254,296
1912	1,505	232,669	1931	1,302	386,906
1913	1,475	346,155	1932	722	212,892

[1] Nine-year average, there being no record of the tonnage for 1802.

Source of Tables 428 and 429: Reports of the Commissioner of Navigation.

No. 430.—VESSELS BUILT IN UNITED STATES: By Classes and Regions

Note.—For definition of "gross ton" see general note p. 372. 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	1930	1931	1932
BUILT AND DOCUMENTED IN THE UNITED STATES								
Total number	1,311	1,342	1,556	998	928	1,020	1,302	723
Gross tons	418,178	382,272	1,899,604	737,190	222,054	254,296	386,906	212,892
Sailing number	300	70	82	38	9	8	4	2
Gross tons	59,857	16,339	70,599	27,585	365	210	52	18
Steam and motor number	681	911	1,111	697	646	677	682	523
Gross tons	287,593	200,669	1,734,296	639,341	148,737	172,969	212,996	164,620
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	335	615	197
Gross tons	65,705	61,164	92,096	69,121	71,999	81,117	173,600	48,254
Metal gross tons	270,852	181,166	1,511,043	631,109	151,808	167,081	212,203	174,794
Wood do	147,326	101,106	388,561	106,081	70,246	87,215	174,703	38,098
Gross tons built on:								
New England coast	59,491	21,474	112,835	45,913	10,874	18,601	26,639	52,163
Middle Atlantic and Gulf coasts	130,226	149,941	833,438	442,721	123,600	143,656	287,884	133,625
Pacific coast	34,482	34,439	687,076	174,926	28,612	30,859	41,243	9,741
Northern lakes	184,724	69,794	260,138	58,317	45,292	54,365	19,535	11,813
Western rivers	9,256	6,623	6,117	15,313	13,676	6,815	11,600	5,550

BUILT FOR FOREIGNERS[1]

	1917	1918	1919	1920	1921	1922	1923	1926	1927	1928	1929	1930	1931	1932
Number	41	22	59	23	33	10	4	7	9	12	12	11	10	3
Gross tons	124,560	48,531	121,098	39,507	65,938	55,991	17,408	272	610	1,228	1,209	2,746	2,385	117

[1] None were built for foreigners in 1924 and 1925.

Source: Reports of the Commissioner of Navigation.

No. 431.—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. 372. Vessels under construction Dec. 31, 1932, numbered 203 of 765,720 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	1,206	3,918,746	518	1,877,382
1921–1925, average	942	2,578,620	830	2,531,592	99	313,321
1926–1930, average	873	2,463,515	808	2,427,929	74	158,788
1922	851	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

[1] Figures during the war period are shown only for allied and neutral countries.

Source: Lloyd's Register of Shipping.

No. 432.—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 Russia are not included. Figures for Philippine Islands are included with United States beginning with 1910. See general note, p. 372

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	1928	66,955	14,633
1900	28,957	2,750	1924	64,024	15,957	1929	68,074	14,482
1905	35,908	3,996	1925	64,641	15,377	1930	69,508	14,046
1910	41,913	5,059	1926	64,784	14,879	1931	70,131	13,642
1915	49,262	5,893	1927	65,103	14,670	1932	69,734	13,547

	Number					Thousands of tons (see headnote)					
	1910	1920	1930	1931	1932	1910	1914	1920	1930	1931	1932
World total	30,058	31,595	32,713	32,344	32,247	41,915	49,090	57,314	69,508	70,131	69,734
Steam and motor	22,008	26,513	29,996	29,952	29,932	37,291	45,404	53,905	68,024	68,723	68,368
Steel and iron	20,403	23,382	27,595	27,681	27,635	36,769	44,934	51,661	67,304	68,074	67,737
Wood and composite	1,605	3,131	2,401	2,271	2,297	521	470	2,244	720	649	631
Sailing	8,050	5,082	2,717	2,392	2,315	4,624	3,686	3,409	1,584	1,408	1,366
Steel and iron	2,115	1,314	742	719	727	2,508	2,095	1,524	654	613	608
Wood and composite	5,935	3,768	1,975	1,673	1,588	2,116	1,590	1,885	930	795	758
United States	3,469	5,457	4,223	4,007	3,946	5,059	5,368	16,049	14,046	13,642	13,547
Steam and motor	1,712	4,110	3,517	3,386	3,351	3,827	4,330	14,574	13,202	12,892	12,820
Steel and iron	1,270	3,242	3,001	2,918	2,906	3,602	4,120	13,341	12,914	12,643	12,587
Wood and composite	442	868	516	468	445	226	210	1,234	288	249	233
Sailing	1,757	1,347	706	621	595	1,232	1,038	1,475	844	750	726
Steel and iron	139	154	147	142	140	245	236	304	288	272	272
Wood and composite	1,618	1,193	559	479	455	987	803	1,171	556	478	454

No. 433.—EXPENSES AND REVENUES OF THE PANAMA CANAL

Year ended June 30—	Transit operations					Business operations		
	Tolls	Taxes, licenses, fees, fines, postal receipts, etc.	Total transit revenues	Net canal transit expenses	Net revenues (surplus)	Business revenues	Business expenses	Net revenues (surplus)
1918	6,264,766	147,078	6,411,843	5,920,343	491,500	10,324,072	10,317,912	6,160
1919	6,156,119	197,898	6,354,017	6,112,195	241,822	13,684,881	13,623,854	61,027
1920	8,493,083	442,789	8,935,872	6,548,272	2,387,599	14,705,372	14,465,686	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	12,067,163	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	15,033,168	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	16,920,247	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	349,256	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
Grand total	292,570,707	4,505,151	297,075,858	142,992,483	154,083,375	238,702,416	229,397,415	9,305,001

[1] To and including 1921 "Net revenues from business operations" shown in last column are includedin "Taxes, licenses, etc.," "Total transit revenues," and "Net revenues from transit operations"; therefore the $480,725 shown under the latter is the net revenue to June 30, 1921, from all operations. In the adjusted total this item is transferred to "Surplus from business operations" by deducting from the amount shown in this column $379,862, which is added to "Business expenses." To "Business revenues," and to "Surplus from business operations," is also added $619,585 interest on public works in Panama and Colon received prior to June 30, 1921, but not taken up as a canal revenue.

Sources: Table 432, Lloyd's Register; Table 433, Report of the Governor of the Panama Canal.

No. 434.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL: By Nationality of Vessel

Note.—See general note, p. 372. 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:				
1915–1932, total	69,466	315,372	292,884	320,870	1930	163	803	851	1,010
1917	1,803	5,799	5,627	7,059	1931	193	1,020	1,052	1,105
1918	2,069	6,574	6,439	7,532	1932	179	980	992	1,032
1919	2,024	6,125	6,173	6,917	Chilean:				
1920	2,478	8,546	8,514	9,374	1930	46	164	154	106
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	Danish:				
1924	5,230	26,149	24,291	26,995	1930	91	382	353	506
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	Dutch:				
1928	6,456	29,459	26,944	29,631	1930	141	671	572	619
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	24,045	25,083	Peruvian:				
1932	4,506	23,625	20,707	19,808	1930	2	9	10	13
United States:					1931	2	7	9	7
1915–1932, total	30,917	150,951	140,325	157,237	1932	3	3	4	5
1917	404	1,239	1,238	1,476	French:				
1918	567	1,704	1,714	2,098	1930	124	628	583	577
1919	784	2,257	2,327	2,759	1931	110	610	523	508
1920	1,129	3,791	3,800	4,547	1932	81	455	372	339
1921	1,210	4,862	4,785	5,163	Swedish:				
1922	1,095	4,972	4,867	4,951	1930	125	572	473	832
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	Spanish:				
1926	2,432	12,565	11,540	13,711	1930	2	4	6	8
1927	2,686	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	Italian:				
1930	2,885	14,534	13,221	14,499	1930	66	429	385	264
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
British:					German:				
1930	1,536	8,007	7,198	7,573	1930	377	1,433	1,236	1,388
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
Norwegian:					Miscellaneous:				
1930	371	1,660	1,410	1,808	1930	256	684	625	827
1931	363	1,749	1,404	1,720	1931	211	494	435	536
1932	311	1,530	1,215	1,427	1932	213	528	445	501

No. 435.—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. 372

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
1918	2,069	9,371	6,574	7,532	2,639	4,893
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

[1] Panama Canal measurement.

Source of Tables 434 and 435: Report of the Governor of the Panama Canal.

No. 436.—CARGO TONNAGE THROUGH PANAMA CANAL: BY ORIGIN AND DESTINATION, YEARS ENDED DECEMBER 31

[In thousands of cargo tons of 2,240 pounds]

Origin and destination	Atlantic to Pacific			Origin and destination	Pacific to Atlantic		
	1930	1931	1932		1930	1931	1932
Grand total	8,064	5,974	4,889	**Grand total**	19,784	16,074	13,211
To W. coast United States [1]	3,536	2,826	2,249	To E. coast United States	11,144	8,666	6,220
To W. coast other N. America	479	412	323	To E. coast other N. America	1,072	985	767
To W. coast S. America	1,192	552	345	To Europe	7,401	6,317	6,149
To Asia	1,707	1,585	1,442	To Africa and S. America	167	[2] 106	[2] 76
To Australasia	1,061	598	530	**From W. coast United States, total** [1]	10,557	8,340	6,850
From E. coast United States, total	5,237	4,249	3,503	To E. coast United States	6,982	5,866	4,706
To W. coast United States [1]	2,804	2,288	1,798	To E. coast other N. America	204	203	173
To W. coast other N. America	78	76	65	To Europe	3,209	2,209	1,723
To W. coast S. America	311	174	76	To Africa and S. America	71	[2] 61	[2] 49
To Asia	1,739	1,541	1,399	**From W. coast other N. America, total**	2,372	2,188	2,952
To Australasia	305	170	166	To E. coast N. America	503	388	211
From E. coast other N. America, total	614	366	377	To Europe	1,786	1,773	2,718
To W. coast N. America	224	222	173	To Africa and S. America	23	28	23
To W. coast S. America	150	79	72	**From W. coast S. America, total**	4,953	3,692	2,228
To Asia	25	10	30	To E. coast United States	2,718	1,592	532
To Australasia	214	55	102	To E. coast other N. America	441	510	365
From Europe, total	2,013	1,205	877	To Europe	1,722	1,573	1,326
To W. coast N. America	756	535	431	To Africa and S. America	72	17	5
To W. coast S. America	728	205	183	**From Asia and Australasia, total**	1,902	1,854	1,382
To Asia and Australasia	529	375	263	To E. coast N. America	1,218	1,092	1,000
From E. coast S. America, Asia, and Africa, total	201	155	132	To Europe	684	762	382
				To E. coast S. America	1	------	[3]

[1] Including Hawaii. [2] Includes small tonnage to Asia. [3] Less than 500 tons.

No. 437.—MARINE WRECKS AND CASUALTIES OCCURRING TO VESSELS OF THE UNITED STATES: BY REGIONS

NOTE.—The table covers all disasters involving damage or loss amounting to $300 or more. The figures exclude some reports of casualties to United States vessels received after the closing of the report for the year which are not distributed by regions. Casualties to United States vessels in the Panama Canal Zone are not included in the table; data for 1932 are as follows: Vessels involved, 2; tonnage, 10,537; property loss, $1,350; persons on board, 61; 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	1,066	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	605	113	1,808	18,794	4,374	10,207	19,869	189
1926–1930	273	780	122	2,258	17,648	4,159	11,830	23,372	219
1931	220	445	54	1,378	12,153	1,816	7,019	15,520	139
1932	281	473	64	1,499	11,869	1,566	8,789	15,209	118
Atlantic, Gulf, and Pacific coasts:									
1921–1925	148	370	58	802	8,856	1,895	5,996	9,908	98
1926–1930	167	451	56	1,162	9,233	1,783	6,600	12,541	116
1931	127	233	24	598	6,401	1,519	3,209	7,107	82
1932	174	284	45	766	7,413	939	5,754	7,698	60
Great Lakes:									
1921–1925	20	92	11	357	1,894	192	1,491	2,586	25
1926–1930	20	90	16	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
Rivers of the United States:									
1921–1925	45	86	7	160	1,815	127	820	1,881	12
1926–1930	54	103	5	224	1,542	110	1,548	2,414	14
1931	60	68	11	168	1,639	43	1,165	2,050	10
1932	67	74	11	179	1,788	104	94	1,730	33
At sea and on foreign coasts:									
1921–1925	39	118	36	490	6,230	2,161	1,900	5,484	55
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

Sources: Table 436, Panama Canal Record; Table 437, U. S. Coast Guard, Treasury Department.

No. 438.—VESSELS CONTROLLED BY THE UNITED STATES SHIPPING BOARD MERCHANT FLEET CORPORATION: As of December 31

NOTE.—For definition of deadweight tons see general note, p. 372. The number of tugs is shown under "All other" except as noted; there is no tonnage for these

Origin and class	1931 Deadweight tons	1932 Number	1932 Deadweight tons
Grand total	3,133,010	[1] 356	[2] 3,071,610
ORIGIN			
Requisitioned steel	568,323	60	544,937
Contract steel	2,410,440	273	2,379,926
Contract wood or concrete	7,500	[3] 4	
Purchased	92,798	11	92,798
Seized enemy	53,949	5	53,949
All other		[3] 3	
CLASS			
Steel	3,125,510	[1] 352	[2] 3,071,610
Cargo (completed)	3,003,809	334	2,949,909
Steel—Continued.			
Cargo and passenger	42,024	4	42,024
Refrigerators	70,277	10	70,277
All other	9,400	[3] 4	9,400
Wood, composite, and concrete	7,500	[3] 4	
Active steel	1,123,077	97	858,697
Cargo	1,123,077	94	858,697
All other		[3] 3	
Inactive steel	2,002,433	255	2,212,913
Cargo	1,890,132	241	2,100,612
Cargo and passenger	42,024	4	42,024
Refrigerators	70,277	10	70,277

[1] Includes 117 vessels of 1,032,924 deadweight tons, sold for scrapping, in process of delivery; also 7 vessels of 65,236 deadweight tons returned to Board during year.
[2] Tugs.
[3] Includes 3 steel tugs.

No. 439.—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		
	1929	1930	1931	1929	1930	1931	1929	1930	1931
Total commerce	[1] 123,320	[2] 111,053	[2] 87,567	63,148	56,473	45,340	24,358	20,590	16,742
Inbound	63,770	59,229	45,615	42,959	40,136	32,626	7,298	5,448	4,115
Outbound	70,101	60,868	49,228	20,189	16,337	12,714	17,060	15,142	12,627
With foreign countries [3]	108,460	97,294	75,913	52,631	47,167	37,542	22,829	19,030	15,424
Imports	50,985	47,563	35,864	35,437	33,225	26,745	6,754	4,801	3,555
Exports	57,475	49,731	40,049	17,194	13,942	10,797	16,075	14,229	11,869
Intercoastal				9,493	8,950	6,448	1,053	994	827
Inbound	10,551	9,044	7,276	6,931	6,073	4,962	456	429	367
Outbound	10,551	9,044	7,276	2,567	1,977	1,486	597	565	460
With noncontiguous territories [4]	4,309	4,715	4,378	1,019	1,266	1,350	476	566	491
Imports	2,234	2,622	2,475	591	838	919	88	218	193
Exports	2,075	2,093	1,903	428	418	431	388	348	298

	Pacific coast ports			Great Lakes ports			Ports in all territories and possessions [5]		
Total commerce	30,143	26,807	21,750	16,222	16,227	11,011	[6] 8,060	[6] 8,156	[6] 7,363
Inbound	7,904	7,013	5,366	5,609	6,632	3,508	[6] 4,473	[6] 4,143	[6] 3,586
Outbound	22,239	19,794	16,384	10,613	9,595	7,503	[6] 3,587	[6] 4,013	[6] 3,777
With foreign countries [3]	16,778	14,870	11,937	16,222	16,227	11,010	[6] 631	[6] 575	[6] 430
Imports	3,185	2,905	2,056	5,609	6,632	3,508	[6] 578	[6] 530	[6] 371
Exports	13,593	11,965	9,881	10,613	9,595	7,502	[6] 53	[6] 45	[6] 59
Intercoastal	10,551	9,044	7,276			1			
Inbound	3,164	2,542	1,947						
Outbound	7,387	6,502	5,329			1			
With noncontiguous territories [4]	2,814	2,893	2,537				[1] 7,429	[1] 7,581	[1] 6,933
Imports	1,555	1,566	1,363				[1] 3,895	[1] 3,613	[1] 3,215
Exports	1,259	1,327	1,174				[1] 3,534	[1] 3,968	[1] 3,718

[1] Continental United States.
[2] Duplication in intercoastal trade is eliminated.
[3] In showing trade of Continental United States ports, Philippine Islands, Virgin Islands, and Canal Zone are included with foreign countries.
[4] Alaska, Hawaii, Puerto Rico, Guam, Samoa.
[5] Territories and possessions named in notes 3 and 4.
[6] Excluding trade with foreign countries of Canal Zone, Guam, Samoa, Virgin Islands, and Philippine Islands; data not available.

Source of Tables 438 and 439: United States Shipping Board.

No. 440.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS

NOTE.—In thousands of cargo tons of 2,240 pounds. This and the following tables do not include cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity

	Imports in vessels of—					Exports in vessels of—				
	Total	U. S. Shipping Board	Independent American	British	Other	Total	U. S. Shipping Board	Independent American	British	Other
Total:										
1921	33,185	4,835	18,620	9,730		48,040	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	11,204	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
Per cent distribution:										
1921	100.0	15	56	29		100.0	15	23	62	
1931	*100.0*	3	45	20	32	100.0	6	21	34	39
1932	100.0	2	44	21	33	100.0	5	20	34	41
Dry cargoes:										
1921	15,823	2,173	6,177	7,473		42,660	6,604	9,561	26,495	
1922	25,526	3,162	8,106	7,259	6,999	36,032	6,386	8,144	11,276	10,256
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	9,602	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	42,608	4,610	9,664	15,827	12,507
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*
Per cent distribution:										
1921	100.0	14	39	47		100.0	15	23	62	
1931	100.0	5	31	25	39	100.0	9	22	37	32
Tanker cargoes:										
1921	17,362	2,662	12,443	2,257		5,980	725	1,667	3,588	
1922	19,156	2,107	14,559	1,341	1,149	6,440	258	2,061	2,833	1,288
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	3,803	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
Per cent distribution:										
1921	100.0	15	72	13		100.0	12	28	60	
1931	100.0	-------	68	12	20	100.0	-------	19	25	56
North Atlantic ports:										
1928	29,309	1,197	12,315	7,035	8,762	17,710	2,070	3,205	6,082	6,263
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
South Atlantic ports:										
1928	1,615	202	438	318	657	707	156	78	191	282
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
Gulf ports:										
1928	9,325	480	2,915	767	2,163	15,025	2,622	1,978	3,864	6,561
1929	6,754	508	3,286	994	1,966	16,075	2,657	2,115	4,480	6,823
1930	4,801	366	2,076	625	1,731	14,229	1,886	1,795	3,443	7,105
1931	3,555	208	1,535	375	1,378	11,869	1,451	1,601	2,460	6,307
Pacific ports:										
1928	3,027	184	1,088	821	934	13,441	223	4,103	*4,250*	*4,865*
1929	3,185	4	1,324	752	1,105	13,593	20	4,090	3,738	5,776
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
Great Lakes ports:										
1928	7,119	-------	5,368	1,650	101	11,946	-------	4,763	6,760	423
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

[1] Less than 500 tons.

Source: Bureau of Research, United States Shipping Board.

No. 441.—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		
	1929	1930	1931	1929	1930	1931
Grand total	50,985,224	47,562,416	35,864,286	57,475,357	49,739,870	40,049,246
United Kingdom	1,588,992	1,395,915	934,003	7,952,079	7,561,352	5,463,620
England	1,207,356	922,556	584,601	6,895,582	6,655,968	4,778,987
Ireland	4,326	9,379	7,033	447,416	412,780	274,923
Scotland	187,463	177,747	172,314	535,566	429,696	360,691
Wales	189,847	286,233	170,055	73,515	62,908	49,019
North Atlantic and Baltic Europe	1,566,824	1,739,162	1,279,519	1,890,633	1,619,315	1,456,656
Greenland	6,200	6,500	6,212	16	3	400
U. S. S. R. (Russia)	76,883	391,255	95,465	132,337	73,922	77,138
Finland	173,511	173,895	201,362	103,062	86,107	68,508
Norway	323,813	357,139	213,248	253,608	286,405	208,243
Sweden	909,477	742,752	699,871	443,353	491,616	390,043
Denmark	56,389	31,565	18,108	738,144	609,128	619,643
Danzig	14,284	18,673	27,534	140,697	35,858	13,344
Poland	822	15,163	8,541	759	5,600	7,760
Germany		6		51,402	34,977	63,577
Estonia		1,164	9,178			
Latvia				12,235	4,150	
Lithuania	3,833			23,520	11,549	8,000
Havre-Hamburg range	3,650,352	3,098,283	2,300,088	8,841,917	8,080,577	6,812,646
Germany	1,363,396	1,313,331	975,596	3,633,697	3,005,661	2,304,385
Netherlands	797,890	637,313	479,561	2,277,009	2,046,428	1,790,444
Belgium	1,242,365	942,438	703,620	1,338,028	1,423,567	1,332,432
France	246,701	205,201	150,291	1,593,183	1,604,921	1,385,382
South Atlantic Europe	622,394	529,805	389,498	874,429	855,045	739,733
France	43,900	37,669	19,677	385,215	403,278	443,819
Portugal	73,784	41,042	39,305	110,386	134,175	50,317
Spain	504,139	450,165	330,239	298,941	255,725	202,917
Azores Islands	413	203	214	13,680	3,738	2,053
Canary Islands	157	207	64	60,046	51,730	37,670
Madeira	1	319		6,161	6,399	2,957
West Mediterranean	1,023,363	1,011,052	573,782	2,632,541	2,388,669	1,769,292
Spain	194,884	206,571	102,428	389,023	327,834	275,634
France	96,013	89,389	49,581	502,547	439,717	431,412
Italy	499,403	409,059	281,229	1,752,454	1,399,832	928,744
Yugoslavia	13,035	6,677	6,941	18,985	23,771	6,648
Malta	67	12		19,443	8,720	6,641
Tunisia	26,837	24,938	153	30,869	26,140	20,950
Algeria	192,541	242,902	86,590	159,371	156,883	97,228
Morocco	1	31,510	46,860	9,849	5,772	2,035
East Mediterranean and Black Sea	688,964	731,988	858,287	660,936	535,489	419,134
Rumania	2,937	5,299	9,938	20,693	10,207	3,568
U. S. S. R. (Russia)	479,838	537,255	736,725	93,760	173,602	134,201
Turkey	41,973	47,310	32,169	24,333	14,958	4,708
Cyprus	4,032	2,233	1,276	388	1	
Greece	58,249	83,759	50,447	294,241	209,150	192,466
Egypt	86,834	49,276	20,697	195,009	110,035	74,157
Palestine	5,404	166	135	10,126	8,025	4,502
Syria	8,384	5,966	6,581	22,068	8,188	5,532
West Indies	12,479,722	11,240,957	8,996,201	3,540,968	3,130,073	2,035,949
Cuba	5,932,546	3,782,737	2,994,649	2,127,758	1,725,702	1,107,020
Jamaica	272,690	349,128	258,919	179,152	145,674	101,965
Bahama Islands	24,837	17,785	13,678	34,855	34,539	22,376
Haiti	36,260	35,452	24,134	72,639	59,522	49,213
Dominican Republic	146,391	133,683	134,832	123,959	86,017	65,404
Lesser Antilles	6,061,229	6,918,976	5,566,855	965,526	1,036,121	628,513
Bermudas	5,769	3,196	3,134	37,079	42,498	61,452
Mexico	2,536,705	2,087,990	1,672,513	602,179	582,378	377,709
Central America	1,546,085	1,205,201	1,060,918	1,389,205	1,188,061	962,803
British Honduras	72,358	46,236	18,643	12,900	14,378	14,512
Guatemala	202,121	147,183	121,186	119,604	71,309	60,396
Honduras	755,603	614,411	555,899	92,287	82,172	66,504
Nicaragua	145,847	105,247	79,173	54,637	48,215	37,666
Costa Rica	129,678	90,753	95,798	40,082	27,825	28,990
Panama	39,960	53,082	60,935	9,809	19,233	4,394
Canal Zone	180,870	134,476	121,879	987,833	867,596	726,386
El Salvador	12,648	13,813	7,403	71,153	37,333	23,955

No. 441.—Cargo Tonnage of Water-Borne Imports and Exports: By Trade Regions and Individual Countries—Continued

Foreign origin or destination	Imports			Exports		
	1929	1930	1931	1929	1930	1931
North Coast South America	8,991,897	8,014,781	5,102,783	488,068	332,133	173,308
Venezuela	4,871,067	3,603,541	3,059,657	265,912	174,831	93,870
British Guiana	173,202	124,624	135,424	17,794	14,218	5,282
Surinam (Netherland Guiana)	218,057	257,893	189,482	15,889	16,907	11,234
French Guiana	9	22	168	2,528	2,590	2,551
Colombia	1,729,562	2,028,701	1,718,052	185,940	123,587	60,371
East Coast South America	1,763,717	1,517,039	1,418,689	2,905,506	2,129,137	1,466,247
Brazil	784,645	753,221	795,800	992,102	707,730	673,325
Uruguay	56,503	51,511	29,177	300,351	262,210	143,495
Argentina	914,599	700,235	574,682	1,613,053	1,159,117	628,829
South Atlantic Islands	7,970	12,072	19,030		80	20,598
West Coast South America	3,429,484	2,961,422	1,691,033	1,617,269	1,152,551	704,304
Colombia	20,438	23,756	34,158	52,076	24,776	16,857
Chile	2,926,790	2,463,742	1,441,350	1,238,852	921,823	566,848
Peru	329,365	306,091	86,408	288,337	184,852	94,115
Ecuador	152,891	167,233	129,057	37,994	21,100	26,484
West Africa	288,717	288,042	206,581	249,155	251,910	180,639
Morocco	36,803	20,869	13,725	46,756	52,458	21,703
Cape Verde Islands	67	21	30	2,832	5,690	2,140
Senegal	5,120	4,279	20	16,008	18,037	36,746
Sierra Leone	899	724	2,567	9,264	9,057	6,528
Liberia	371	263	156	2,849	1,636	923
Ivory Coast	22,997	24,732	20,874	8,895	8,978	7,587
Gold Coast	116,363	136,448	168,162	61,121	49,108	38,118
Togo	54	21		4,206	3,400	3,009
Dahomey	2,077	2,484	3,488	6,963	6,834	4,571
Nigeria	87,011	72,102	65,593	46,676	48,201	28,845
Cameroons	2,706	1,399	397	6,432	7,215	4,626
Gabon	18	65		2,982	6,395	2,260
Belgian Congo	13,133	23,340	21,389	11,371	13,573	9,296
Southwest Africa	1,000	1,275	80	6,250	6,020	3,318
Angola	1	8	86	9,685	8,212	6,016
South and East Africa	280,707	265,897	123,985	553,554	452,851	363,092
Union of South Africa	42,218	48,959	21,858	380,829	299,942	250,285
Mozambique	231,874	209,880	97,826	122,494	99,598	76,133
British East Africa	[1] 5,281	[1] 4,803	[1] 1,425	[1] 29,155	[1] 35,658	[1] 20,913
French Somaliland	945	913	2,876	1,014	1,593	3,542
Madagascar	263	1,342		10,669	8,129	7,460
Mauritius Island	126			6,680	5,552	2,957
Australia and Antarctic Region	256,632	420,928	207,254	1,946,361	1,391,934	838,580
New Guinea	23,179	17,218	5,435	3,068	3,840	2,574
New Zealand	65,837	58,463	48,527	504,824	479,899	344,907
Australia	103,398	257,491	74,049	1,391,862	870,587	471,986
Fiji Islands	15,276	15,337	6,034	7,826	6,898	3,807
New Caledonia	23,510	41,215	28,780	6,603	2,351	1,311
Society Islands	11,893	9,181	11,294	10,921	8,487	6,142
Solomon Islands	3,362	2,274	550	80	241	104
Tasmania	149	277	32	16,432	13,723	4,765
East Indies	950,262	937,226	846,534	497,248	361,099	232,315
Straits Settlements	491,787	462,736	435,762	103,151	78,418	40,777
French Indo-China and Siam	86	2,749	1,940	73,683	32,850	25,017
Sumatra	87,010	96,670	118,482	75,063	63,333	15,857
Java	334,595	277,698	243,263	229,706	168,394	142,110
Borneo	4,938	6,706	6,588	4,349	4,403	386
Celebes	25,969	29,845	27,705	7,542	8,971	8,215
East Asia	1,798,761	1,854,862	1,700,942	6,944,028	5,795,706	6,126,187
China	263,372	288,485	270,460	1,980,475	1,534,058	2,026,467
U. S. S. R. (Russia)	178	2,045	2,530	6,688	11,761	
Japan	418,392	377,978	308,152	4,262,874	3,689,295	3,571,978
Philippine Islands	1,116,819	1,206,354	1,119,800	693,991	560,592	527,742
India, Persian Gulf, and Red Sea	1,008,562	863,478	660,312	310,530	350,568	339,559
Anglo Egyptian Sudan	5,477	5,665	3,537	2,075	2,284	363
Egypt	85,026	12,994	645	1,500	452	242
Aden	9,705	3,922		2,898	2,503	
Iraq	28,947	21,292	22,872			206
Arabia	105	24	3,610	2,002	992	8,486
India	789,671	740,054	565,039	266,496	310,874	305,793
Ceylon	88,641	79,525	64,504	28,833	33,463	22,755
Canada	8,515,084	9,448,684	5,751,405	13,319,766	11,592,022	9,586,964
Pacific	1,236,705	1,143,194	711,192	1,228,750	1,005,457	988,957
Atlantic and Newfoundland	1,069,131	1,073,997	1,531,662	1,478,103	900,903	1,096,353
Great Lakes	5,609,248	6,631,493	3,508,551	10,612,907	9,595,662	7,501,654

[1] Kenya and Tanganyika Territory only.

Source: Bureau of Research, United States Shipping Board.

No. 442.—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		
	1929	1930	1931	1929	1930	1931
North Atlantic District	**33,807,315**	**31,436,551**	**25,348,505**	**16,278,871**	**13,110,198**	**10,205,495**
Maine, total	689,886	952,571	726,083	99,955	79,748	60,279
Portland	637,109	740,749	437,788	96,455	79,400	57,856
New Hampshire: Portsmouth	62,540	58,475	47,764	71	101	2,500
Vermont	1,329	585	372			
Massachusetts, total	3,606,503	3,328,741	2,781,252	310,453	280,598	210,152
Boston	2,417,629	2,385,564	2,228,622	307,426	275,327	207,107
Everett	231,905	88,748	20,850			
Fall River	673,516	729,875	462,696	7	2,023	2,215
Rhode Island, total	551,674	685,751	671,841	2,638	586	186
Providence	551,674	684,031	671,841	2,638	357	186
Connecticut, total	56,763	47,435	65,524		10	4,368
New Haven	25,986	11,113	13,164		10	4,368
New London	19,417	17,956	19,766			
New York, total[1]	17,283,108	15,406,822	12,874,085	9,951,692	7,879,572	6,000,251
New York[1]	17,240,325	15,318,601	12,707,818	9,937,668	7,862,282	5,991,808
New Jersey: Paulsboro	10,468			19,580	21,913	28,112
Pennsylvania: Philadelphia[1]	4,662,835	4,209,169	3,174,599	1,918,415	1,773,323	1,507,552
Delaware, total	457,595	416,546	342,087	6,868	952	1,247
Claymont	126,104	144,153	95,631		530	1,247
Wilmington	331,491	272,393	246,456	6,868	422	
Maryland: Baltimore	5,696,641	5,502,169	3,950,276	1,440,382	969,485	794,029
District of Columbia	585		720			
Virginia, total	727,388	828,287	713,902	2,528,817	2,007,910	1,596,819
Newport News	125,737	112,853	121,501	855,447	664,964	488,445
Norfolk	601,651	715,434	592,311	1,670,491	1,430,291	1,044,274
South Atlantic District	**1,630,332**	**1,740,599**	**1,395,782**	**915,813**	**809,875**	**592,519**
North Carolina: Wilmington	226,593	244,707	220,683	24,883	13,293	7,069
South Carolina, total	424,758	403,983	313,794	182,696	189,015	108,811
Charleston	424,758	403,983	313,794	180,352	180,818	101,351
Georgia, total	499,598	510,497	428,799	414,618	336,184	283,404
Brunswick	42,239	29,680	39,067	61,376	51,814	41,072
Savannah	457,359	480,808	389,732	353,242	284,370	242,332
Florida, east coast, total	479,383	581,412	432,508	293,616	271,383	193,235
Fernandina				55,919	65,382	39,200
Jacksonville	385,690	401,924	277,114	218,061	189,632	143,326
Miami	93,693	178,124	155,192	17,423	15,544	9,105
Gulf District	**6,753,727**	**4,799,366**	**3,555,397**	**16,074,873**	**14,250,975**	**11,869,010**
Florida, west coast, total	468,921	398,725	279,198	1,702,970	1,695,881	1,212,977
Boca Grande			60	109,743	167,902	201,443
Key West	148,042	102,959	57,062	240,596	189,680	95,652
Pensacola	166,370	117,467	72,163	229,355	234,115	198,349
Tampa	154,509	178,299	135,674	1,103,387	1,089,638	699,080
Alabama: Mobile	412,751	344,897	254,381	500,420	431,095	367,737
Mississippi, total	49,764	77,791	46,301	281,821	236,339	100,033
Gulfport	49,764	77,791	46,301	276,769	236,339	100,033
Louisiana, total	4,571,396	3,117,414	2,322,621	5,263,148	4,172,917	3,024,513
Baton Rouge	360,370	162,458	111,868	1,044,929	957,143	960,447
Lake Charles	20,042	25,358	12,823	76,584	94,860	96,513
New Orleans	4,146,327	2,929,598	2,197,930	4,061,470	3,088,445	1,924,189
Texas, total	1,250,895	860,539	652,896	8,236,514	7,714,743	7,163,750
Beaumont	9,454	7,062	4,222	531,501	467,256	424,314
Corpus Christi	7,410	4,806	4,629	625,032	297,383	265,845
Freeport				268,609	167,277	149,606
Galveston	345,977	304,029	228,054	1,874,286	1,317,876	1,201,691
Houston	365,832	339,222	253,855	3,575,044	4,165,243	3,609,020
Orange	14,140	11,064	10,235	51,559	34,378	4,597
Port Arthur	431,534	121,743	86,373	1,127,755	1,099,914	1,362,903
Sabine				40,450	8,400	
Texas City	67,493	61,813	65,528	117,486	127,056	122,365

[1] Includes commerce of New Jersey ports which enters or clears through this customhouse.

No. 442.—Cargo Tonnage of Water-Borne Imports and Exports: By States and Individual Ports—Continued

State and port	Imports			Exports		
	1929	1930	1931	1929	1930	1931
Pacific District	**3,184,602**	**2,904,927**	**2,056,051**	**13,592,893**	**11,966,736**	**9,880,568**
California, total	1,909,098	1,796,613	1,359,602	8,885,094	8,446,339	6,773,545
Eureka			1,004	57,712	23,183	9,510
Los Angeles	684,762	647,169	537,603	6,054,084	5,854,936	4,324,304
San Diego	31,392	21,780	12,158	8,036	10,793	7,000
San Francisco [2]	1,193,824	1,127,301	808,727	2,482,408	2,060,105	1,945,003
Port San Luis	20	67	110	262,833	491,073	476,870
Oregon, total	113,811	103,056	87,898	1,827,217	1,445,036	1,205,728
Astoria	240	234	1,009	132,657	80,353	86,179
Coos Bay				120,346	128,669	90,741
Portland	108,871	95,132	80,545	1,376,761	1,117,459	961,700
Prescott				34,665	24,956	15,506
Wauna				92,968	53,004	8,856
Westport				39,665	21,304	10,501
Washington, total	1,160,793	1,005,258	608,551	2,880,582	2,075,361	1,901,295
Anacortes	76,089	30,545	18,856	36,346	26,139	4,104
Bellingham	17,642	16,183	7,504	81,585	70,624	51,692
Everett	8,227	14,567	28,065	217,098	201,841	157,154
Grays Harbor	1,960	1,693	2,132	610,767	347,180	295,609
Longview	1,355	2,729	4,276	128,211	112,068	95,113
Olympia	121	1,687	1,426	228,615	219,052	170,931
Port Angeles	154,026	164,176	98,255	40,856	13,550	31,185
Port Townsend	44,792	40,772	11,456	9,359	11,083	11,915
Seattle	444,731	359,865	222,206	718,424	520,292	536,911
Tacoma	390,962	364,315	207,551	666,743	486,175	473,870
Vancouver	1,562		500	14,484	572	
Willapa Harbor			200	31,835	13,484	22,192
Great Lakes District	**5,609,248**	**6,681,493**	**3,508,551**	**10,612,907**	**9,597,262**	**7,501,654**
New York, total	2,931,867	3,077,085	2,360,608	2,814,430	2,455,097	1,930,923
Buffalo	2,464,750	2,627,369	2,009,729	728,101	826,889	790,926
Ogdensburg	148,470	141,348	92,033		4,239	135
Oswego	7,747	299	9,564	42,139	41,954	76,441
Rochester	137,918	112,979	131,538	1,182,148	860,221	697,281
Sodus Point				827,135	701,268	354,210
Tonawanda	25,168	19,020	50,325	3,076		
Waddington	108,579	129,800	56,800			
Pennsylvania: Erie	100,302	419,041	209,840	96,841	1,206,612	1,136,093
Ohio, total	704,172	871,202	116,748	5,074,832	4,334,554	3,227,490
Ashtabula		3,342	3,186	255,499	305,348	643,617
Cleveland	148,340	120,051	67,009	616,027	654,055	302,861
Conneaut			2,500	159,592	110,742	156,875
Fairport	24,120	12,281	15,646	505,839	266,632	151,543
Lorain	13,775	10,132	6,484	408,167	464,793	184,510
Sandusky	51,132	49,563	1,370	1,185,630	967,991	738,603
Toledo	466,005	673,707	15,450	1,825,674	1,486,311	950,747
Indiana	1,786	2,421	4,494	51,198	135,059	117,538
Illinois, total	305,389	277,861	188,241	136,499	89,890	66,816
Chicago	305,389	277,861	188,241	136,499	75,109	66,816
Michigan, total	1,350,389	1,656,783	428,663	775,622	678,989	456,158
Algonac			2,412	44,165	23,250	7,350
Bay City	63,369	46,902	20,851	95	39,851	
Detroit	774,930	1,295,597	215,630	178,579	175,229	221,548
Escanaba			8,918	309,305	215,178	116,729
Marquette				107,400	157,150	88,250
Muskegon	34,860	31,790	6,111	2,550		
Port Huron	79,546	62,823	81,062		6,439	7
Sault Ste. Marie	20,447	47,023	32,092	1,234	2,498	4,665
Wyandotte	117,686	145,570	23,200	5,183	1,050	
Wisconsin, total	167,787	205,618	162,103	1,410,243	552,297	407,280
Ashland	120,000	142,848	87,866	220,510	109,783	118,591
Milwaukee	10,352	12,082	19,809	23,952	11,287	
Superior	5,768	8,451	7,802	1,153,067	425,589	284,853
Minnesota, total	47,466	121,482	37,854	253,242	144,764	159,356
Duluth	47,466	121,482	37,854	250,092	141,531	156,625

[2] Includes all ports within San Francisco Bay.

Source: Bureau of Research, United States Shipping Board.

No. 443.—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	1928	1929	1930	1931					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Imports, total	**47,395**	**50,985**	**47,562**	**35,864**	**25,349**	**1,396**	**3,555**	**2,056**	**3,509**
Wheat	4,430	2,195	2,585	1,823	7	------	------	1	1,815
Other grains	778	316	348	207	66	2	6	14	209
Oil seeds	437	603	378	477	401	------	------	58	18
Vegetable oils	883	532	502	452	331	------	67	54	------
Vegetables and vegetable products, n. e. s.	777	884	800	634	496	17	31	89	1
Animal, fish, and dairy products	412	440	376	318	218	1	38	61	1
Bananas	1,656	1,743	1,535	1,349	703	32	542	72	------
Coconuts and copra	309	327	341	272	62	------	45	165	------
Other fruits and nuts	328	295	302	243	180	------	45	18	------
Sugar	3,380	4,399	3,104	2,743	1,943	138	571	91	------
Molasses	1,334	1,567	1,262	936	769	3	159	4	------
Coffee	681	690	751	801	502	4	209	85	------
Cocoa	173	229	170	109	193	------	1	5	------
Tobacco and manufactures	50	45	46	40	35	------	2	3	------
Cotton	74	99	61	32	26	------	------	7	------
Cotton manufactures	96	82	63	50	30	------	1	20	------
Wool	103	114	69	69	57	------	------	12	------
Wool manufactures	35	28	15	12	12	------	------	------	------
Silk	32	38	20	34	10	------	------	23	------
Silk manufactures	21	16	8	11	9	------	------	1	------
Jute	98	92	46	57	46	5	4	2	------
Jute manufactures	350	328	343	228	135	8	62	23	------
Other vegetable fibers and grasses	360	303	286	237	125	5	70	29	8
Textiles and manufactures, n. e. s.	84	90	67	55	44	------	4	5	2
Hides, skins, and manufactures	235	248	188	129	125	------	------	3	1
Furs and fur skins	14	13	11	9	8	------	------	1	------
Rubber	481	566	526	535	490	3	2	41	------
Pulpwood and wood pulp	2,081	2,144	2,731	2,184	1,397	1	18	35	733
Paper stock, n. e. s.	223	236	145	63	44	11	------	7	------
Paper and manufactures	468	467	638	607	263	27	87	110	120
Clays	320	346	295	190	175	------	4	4	5
Clay manufactures	244	143	88	50	33	------	1	15	------
Coal and coke	620	665	825	707	636	1	------	62	8
Petroleum and products	12,844	14,833	14,424	11,717	10,391	572	733	7	16
Gypsum	939	930	808	649	605	------	3	41	------
Pyrites	460	509	403	286	276	11	------	------	------
Nonmetallic minerals, n. e. s.	1,855	3,068	3,338	898	305	4	14	75	500
Iron ores	2,611	3,430	3,163	1,677	1,660	------	12	5	------
Manganese and manganese ore	526	760	607	537	490	------	41	1	4
Iron and steel and manufactures	792	706	547	453	278	4	59	101	11
Copper and manufactures	557	584	513	359	231	------	------	125	3
Miscellaneous metals and mfrs.	734	752	671	509	153	------	281	76	------
Logs and lumber	1,404	1,541	1,220	727	429	------	38	242	17
Dyeing and tanning materials	219	166	169	131	126	------	3	2	------
Potash	757	755	796	442	208	152	69	11	2
Nitrates	1,173	1,094	683	691	131	359	149	52	------
Other fertilizers	268	262	214	154	50	25	23	55	1
Pigments, chemicals, and mfrs., n. e. s.	658	671	584	430	216	11	141	62	1
All other	531	521	488	361	232	2	19	76	32
Exports, total	**58,829**	**57,475**	**49,731**	**40,049**	**10,205**	**593**	**11,869**	**9,881**	**7,502**
Wheat	6,324	4,500	4,544	3,911	1,948	------	810	536	617
Rye	441	76	21	18	18	------	------	------	------
Corn	694	689	103	76	43	------	15	------	18
Barley	1,650	955	283	304	109	------	7	150	38
Oats	185	117	33	38	29	------	4	1	4
Rice	165	165	118	133	8	------	100	26	------
Other grains	127	108	29	84	29	------	49	4	1
Wheat flour	1,352	1,431	1,290	935	442	------	137	337	20
Oil-cake and meal	512	548	214	402	224	3	151	25	------
Vegetables and vegetable products, n. e. s.	277	284	230	192	136	3	29	23	------
Animal, fish, and dairy products	753	774	626	507	331	20	78	77	------
Fruits and nuts	827	790	743	924	296	10	7	612	------
Sugar	196	121	135	110	89	------	15	2	4
Naval stores	264	374	321	271	9	203	56	3	------
Tobacco and manufactures	324	286	292	255	203	11	38	3	------
Cotton	1,902	1,736	1,501	1,590	35	126	1,335	93	------
Cotton manufactures	77	66	45	42	28	10	4	------	------
Other textiles and manufactures	109	111	90	56	44	------	10	1	1
Hides, skins, and manufactures	28	21	22	26	20	------	1	5	------
Rubber and manufactures	70	83	77	57	41	------	3	12	------
Paper stock and manufactures	230	279	244	248	105	1	26	114	1

No. 443.—Cargo Tonnage of Water-Borne Imports and Exports: By Major Commodities and by Coastal Districts—Continued

Commodity	1928	1929	1930	1931				
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Exports—Continued.									
Coal and coke	9,074	9,992	9,685	7,536	1,305	32	90	-------	6,048
Petroleum and products	17,864	17,944	17,046	13,833	2,012	5	6,182	5,504	130
Sulphur	955	852	574	389	4	-------	379	1	5
Cement	128	111	106	67	41	-------	24	1	-------
Nonmetallic minerals and mfrs., n. e. s.	742	433	333	236	71	4	35	64	63
Iron ores	971	1,255	746	464	2	-------	-------	-------	461
Iron, steel, and manufactures	1,963	1,972	1,284	632	446	17	86	19	64
Machinery	604	706	560	315	298	-------	9	8	-------
Vehicles	969	1,046	572	326	315	-------	2	9	-------
Copper and manufactures	457	387	318	235	164	-------	14	50	6
Ores, metals and manufactures, n. e. s.	308	297	255	195	28	-------	146	21	-------
Logs and lumber	5,617	5,583	4,169	3,175	87	101	1,066	1,921	-------
Phosphates	833	1,122	1,228	917	60	40	806	1	10
Other fertilizers	199	208	187	213	185	1	1	26	-------
Pigments, chemicals, and mfrs., n. e. s.	497	533	510	456	253	-------	92	109	1
All other	1,450	1,501	1,198	882	689	4	61	120	9

Source: Bureau of Research, United States Shipping Board.

No. 444.—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. 372. Figures cover years ended June 30 to and including 1918, calendar years thereafter. Owing to the marked effect of the war on shipping a special average for the 6½ years July 1, 1914, to Dec. 31, 1920, is presented

[In thousands of net tons]

Yearly average or year	Entered		Cleared		Year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports		Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	402	1901	24,791	4,077	24,889	4,031
1850	3,169	1,179	3,167	1,194	1902	24,361	6,293	24,242	6,202
1860	5,000	3,275	5,257	3,533	1903	24,698	6,396	24,823	6,493
1870	6,270	2,886	6,362	2,807	1904	24,111	5,841	24,192	5,824
1871–1875	8,462	2,997	8,514	2,994	1905	24,793	6,190	25,020	6,138
1876–1880	12,134	2,792	12,197	2,807	1906	27,401	6,754	26,070	6,814
1881–1885	13,604	2,931	13,781	2,917	1907	29,248	7,374	28,499	7,491
1886–1890	13,479	2,602	13,655	2,593	1908	30,444	8,095	30,198	8,084
1891–1895	16,801	2,816	16,965	2,876	1909	30,243	8,815	29,604	8,592
1896–1900	20,931	3,989	21,077	4,007	1910	30,917	9,319	30,510	9,196
1901–1905	24,551	5,939	24,633	5,918	1911	32,457	10,218	32,299	10,138
1906–1910	29,651	8,071	29,156	8,036	1912	34,659	11,499	34,706	11,711
1911–1915	36,035	11,879	35,954	12,061	1913	37,973	12,666	37,506	13,586
1915–1920 [2]	38,071	13,440	40,137	13,511	1914	40,052	13,337	39,743	13,440
1921–1925	52,959	13,334	53,578	13,075	1915	35,032	11,678	35,458	11,427
1926–1930	63,768	15,293	64,441	15,319	1916	37,744	13,800	38,946	13,477
1910–1914	35,212	11,408	34,965	11,614	1917	36,521	13,951	38,094	13,983
1914–1920 [3]	37,604	13,169	39,417	13,190	1918	31,101	14,356	31,809	14,145
1886	12,230	2,906	12,413	2,915	1918 (July–Dec.)	16,113	8,916	16,112	9,360
1887	13,532	2,284	13,511	2,242	1919	36,381	10,320	40,750	10,506
1888	12,956	2,437	13,252	2,417	1920	51,532	12,572	54,981	12,837
1889	13,312	2,640	13,672	2,671	1921	49,968	12,327	50,423	12,242
1890	15,366	2,741	15,429	2,720	1922	51,701	13,490	51,799	13,040
1891	15,394	2,810	15,411	2,850	1923	52,775	13,544	53,215	13,409
1892	18,180	2,833	18,258	2,903	1924	54,726	13,565	55,294	13,616
1893	16,679	2,903	16,825	2,936	1925	55,636	13,742	57,160	13,069
1894	17,025	2,965	17,306	2,966	1926	63,759	13,174	65,583	13,458
1895	16,725	2,570	17,024	2,727	1927	58,921	15,389	59,759	15,682
1896	17,453	3,536	17,819	3,596	1928	62,809	17,402	63,331	17,336
1897	20,003	3,757	19,878	3,831	1929	66,852	15,749	67,030	15,313
1898	21,700	3,879	21,892	3,856	1930	66,499	14,753	66,500	14,808
1899	21,963	4,148	22,177	4,089	1931	60,427	12,355	61,204	12,297
1900	23,534	4,629	23,618	4,663	1932	55,229	9,607	54,900	9,547

[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. 445.—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 444

Customs district	1929		1930		1931		1932	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	89, 602	92, 343	81, 253	81, 307	72, 782	73, 501	64, 837	64, 448
Seaports, total	66, 853	67, 080	66, 499	66, 500	60, 427	61, 204	55, 229	54, 900
North Atlantic coast, total	32, 870	30, 784	33, 954	30, 954	30, 551	29, 333	28, 121	26, 192
Maine and New Hampshire	552	540	899	655	772	598	588	392
Massachusetts	4, 335	3, 105	4, 088	2, 907	3, 986	3, 128	4, 189	3, 295
Rhode Island	342	267	443	252	370	222	228	145
Connecticut	31	12	27	6	25	16	20	7
New York	23, 954	24, 876	24, 545	25, 213	23, 026	23, 635	21, 190	20, 922
Philadelphia	3, 356	1, 984	2, 952	1, 911	2, 372	1, 735	1, 927	1, 431
South Atlantic coast, total	5, 620	6, 840	5, 428	6, 015	4, 604	4, 960	4, 381	4, 586
Maryland	2, 470	1, 711	2, 486	1, 583	1, 885	1, 161	1, 342	1, 006
Virginia	330	2, 409	713	1, 956	811	1, 602	996	1, 174
North Carolina	136	85	139	88	122	95	76	72
South Carolina	337	235	337	254	263	166	282	120
Georgia	293	619	290	578	282	475	181	419
Puerto Rico	1, 454	1, 582	1, 463	1, 556	1, 242	1, 461	1, 484	1, 787
Gulf coast, total	12, 120	12, 802	10, 932	12, 019	9, 144	10, 244	8, 136	9, 143
Florida	2, 788	2, 295	2, 716	2, 550	2, 343	2, 069	2, 181	1, 998
Mobile	582	783	547	655	372	577	393	538
New Orleans	5, 358	5, 008	4, 575	4, 209	3, 410	3, 287	2, 896	2, 807
Sabine	806	891	635	798	725	890	847	885
Galveston	2, 586	3, 825	2, 458	3, 807	2, 294	3, 421	1, 819	2, 915
Mexican border: San Antonio	205	260	171	127	190	103	159	104
Pacific coast, total	16, 278	16, 545	17, 015	17, 385	15, 938	16, 564	14, 452	14, 875
Washington	6, 856	6, 436	7, 409	6, 746	7, 200	6, 682	5, 913	5, 285
Oregon	929	939	533	709	389	535	222	448
San Francisco	2, 075	2, 529	2, 092	2, 414	2, 020	2, 430	1, 869	2, 452
Los Angeles	5, 054	5, 210	5, 012	5, 718	4, 204	5, 061	4, 224	4, 828
Alaska	321	239	301	235	287	255	257	190
Hawaii	1, 043	1, 192	1, 319	1, 411	1, 308	1, 421	1, 406	1, 466
San Diego			348	152	519	181	560	199
Northern border, total	15, 749	15, 313	14, 753	14, 808	12, 355	12, 297	9, 607	9, 547
Vermont	5	6	4	4	5	5	4	4
St. Lawrence	1, 142	861	1, 088	826	667	603	455	437
Rochester	3, 482	3, 558	3, 014	3, 029	2, 693	2, 690	2, 081	1, 956
Buffalo	2, 289	1, 158	2, 384	1, 103	2, 143	1, 018	1, 888	981
Ohio	3, 910	5, 448	4, 326	5, 510	3, 777	4, 278	3, 090	2, 917
Michigan	2, 289	2, 371	2, 092	2, 440	1, 597	1, 664	1, 007	1, 608
Chicago	286	383	246	493	236	512	220	445
Wisconsin	536	340	487	440	536	442	572	300
Duluth and Superior	1, 810	1, 189	1, 112	962	703	1, 086	290	899

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, 008	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
1929	38, 190	35, 438	12, 120	7, 703	16, 278	8, 734	265	15, 749	7, 558
1930	38, 332	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
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, 626	4, 762	62	13, 511	9, 637
1921–1925	30, 837	24, 284	12, 833	9, 589	9, 880	8, 360	28	13, 075	9, 236
1926–1930	36, 361	28, 696	12, 326	10, 641	15, 658	13, 148	95	15, 319	10, 504
1929	37, 424	28, 776	12, 802	11, 220	16, 545	13, 877	260	15, 313	10, 917
1930	36, 969	28, 379	12, 019	10, 594	17, 385	14, 400	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

[1] July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 446.—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 444]

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	17,201	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	29,050	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
1918 (July–Dec.)	23,032	25,029	11,006	14,023	44.0	16,113	932	15,181	9,649	6,464
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	35,337	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	55,630	731	54,905	43,450	12,186
1926	44,757	76,933	26,890	50,043	35.0	63,759	549	63,210	45,113	18,646
1927	45,459	74,310	29,289	45,021	39.4	58,921	530	58,391	45,462	13,458
1928	48,252	80,211	31,285	48,926	39.0	62,809	453	62,356	48,757	14,052
1929	46,687	82,602	32,241	50,361	39.0	66,853	456	66,397	51,919	14,934
1930	44,076	81,253	31,866	49,387	39.2	66,499	373	66,127	52,298	14,201
1931	36,373	72,782	26,907	45,875	37.0	60,427	241	60,186	47,265	13,162
1932	30,318	64,837	24,278	40,559	37.4	55,229	236	54,993	42,701	12,528

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	3,610	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	26,475	20,150	14.1	8,072	3,207	4,197	3,875
1911–1915	5,276	4,200	30,759	23,578	14.6	11,379	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
1918 (July–Dec.)	5,747	4,595	10,366	5,054	35.7	8,916	2,704	5,259	3,657
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	6,783	5,544
1922	23,633	20,303	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	6,760	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 [3]	17,103	42,668	28,010	33.1	13,174	7,131	5,799	7,375
1927	22,001	17,668	36,920	27,704	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	34,586	25,305	37.4	9,607	4,869	3,635	5,972

[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. 447.—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 444]

Yearly average or year	Number of vessels, all ports	All ports				Seaports				
		Total	American	Foreign	Percent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890	32,159	16,473	3,450	13,023	20.9	13,719	5,363	8,356	12,795	924
1891-1900	31,902	22,463	5,038	17,425	22.4	19,021	3,818	15,203	17,514	1,507
1901-1905	33,863	30,551	6,812	23,739	22.3	24,633	2,621	22,012	22,460	2,173
1906-1910	33,897	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911-1915	38,790	48,015	12,512	35,503	26.1	35,955	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	66,663	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
1918 (July-Dec.)	22,580	25,472	11,223	14,249	44.1	16,112	1,011	15,101	13,594	2,518
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	67,080	422	66,658	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	64,440	23,865	40,581	37.0	54,000	233	54,667	43,909	10,991

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
1918 (July-Dec.)	5,614	3,537	10,498	10,057	34.8	9,360	7,433	5,609	3,751
1919	19,133	14,539	21,617	20,150	47.0	10,506	7,616	5,858	4,648
1920	27,875	20,188	27,100	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	10,556	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

[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. 448.—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. 372

Country	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1930	1931	1932
Total by sea:								
Entered	26,382	35,212	37,604	52,959	63,768	66,499	60,427	55,229
Cleared	26,206	34,965	39,417	53,578	64,441	66,500	61,204	54,900
Belgium:								
Entered	905	955	392	1,231	1,560	1,378	1,221	1,116
Cleared	901	1,030	452	1,190	1,280	1,313	1,126	970
Denmark:								
Entered	184	297	373	372	532	606	550	445
Cleared	352	305	498	450	686	687	588	389
France:								
Entered	611	1,047	2,251	1,963	2,321	2,384	2,114	1,890
Cleared	1,062	1,463	3,345	2,250	2,475	2,556	2,340	2,481
Germany:								
Entered	2,384	3,113	200	2,998	3,813	4,376	4,235	4,349
Cleared	2,773	3,474	298	3,165	3,714	4,370	4,004	3,540
Italy:								
Entered	1,097	1,305	2,171	1,707	2,101	1,980	1,892	1,918
Cleared	1,003	1,662	2,489	1,986	2,023	1,927	1,768	1,674
Netherlands:								
Entered	846	1,199	1,291	1,654	2,081	1,705	1,515	1,298
Cleared	1,206	1,521	1,459	1,464	1,499	1,344	1,176	1,088
Norway:								
Entered	----------	103	521	384	360	418	296	384
Cleared	----------	159	830	412	361	327	289	256
Spain:								
Entered	483	724	838	608	850	976	730	506
Cleared	265	337	490	463	612	641	531	509
Sweden:								
Entered	----------	68	240	504	681	761	747	640
Cleared	----------	66	440	353	498	528	462	384
United Kingdom:								
Entered	7,440	7,238	8,705	9,378	10,614	9,181	7,569	6,022
Cleared	7,153	7,162	8,164	8,647	10,577	9,430	7,643	6,179
Canada:								
Atlantic coast—								
Entered	1,355	1,479	1,092	1,201	1,607	1,837	2,385	2,192
Cleared	1,454	1,594	1,007	1,331	1,709	1,916	2,304	2,133
British Columbia, Yukon—								
Entered	1,508	2,539	3,117	4,571	6,619	7,949	7,719	6,574
Cleared	1,509	2,589	3,094	4,573	6,556	7,447	7,735	6,579
Central America:								
Entered	799	1,879	1,535	1,734	2,391	2,518	2,417	2,268
Cleared	830	2,121	1,610	1,640	2,692	3,090	3,048	2,545
Mexico:								
Entered	856	1,789	3,788	8,160	2,840	1,893	1,623	1,693
Cleared	745	1,847	3,727	8,391	2,892	2,094	1,821	1,806
British West Indies and British Honduras:								
Entered	1,001	1,038	564	1,351	1,975	2,659	3,385	3,565
Cleared	982	1,181	642	1,435	2,216	2,892	3,587	3,743
Cuba:								
Entered	2,018	3,030	3,450	4,769	5,875	6,160	5,988	6,186
Cleared	1,706	2,449	3,560	4,650	5,832	6,197	5,823	6,044
Dominican Republic:								
Entered	111	179	345	380	713	833	614	810
Cleared	94	200	404	449	920	1,006	815	1,045
Haiti:								
Entered	106	123	108	105	220	229	190	157
Cleared	81	124	188	230	204	215	200	194
Argentina:								
Entered	207	792	633	1,006	966	809	540	411
Cleared	328	619	762	707	997	816	592	319
Brazil:								
Entered	587	1,131	550	552	918	1,141	881	744
Cleared	263	558	841	913	1,252	1,042	925	855
Chile:								
Entered	206	462	853	975	1,387	1,422	796	263
Cleared	138	327	797	793	1,058	1,012	642	221
Colombia:								
Entered	195	199	231	144	958	1,313	1,029	1,144
Cleared	172	196	213	226	966	1,045	919	1,054
British East Indies:								
Entered	238	320	347	576	833	910	834	668
Cleared	107	131	204	330	428	482	460	298

No. 448.—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	1930	1931	1932
China, Hong Kong, and Kwantung:								
Entered	346	442	519	950	1,044	1,117	1,124	784
Cleared	389	391	479	963	894	700	897	504
Japan:								
Entered	441	646	733	1,607	2,320	2,212	1,912	1,753
Cleared	351	542	796	2,106	3,284	3,682	3,650	3,458
Philippine Islands:								
Entered	63	85	132	408	611	683	801	1,032
Cleared	93	144	124	359	503	493	398	365
Oceania:								
Entered	256	238	379	509	931	1,013	754	743
Cleared	413	534	567	946	1,396	1,105	803	895
All other countries:								
Entered	2,117	2,725	2,094	3,165	6,649	8,036	6,568	5,614
Cleared	1,788	2,240	1,938	3,149	6,913	8,083	6,658	5,366

No. 449.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: By Nationality of Vessel

Note.—**In thousands of net tons.** Only traffic by sea and to and from foreign countries is included. The large trade with Canada on the Great Lakes and the St. Lawrence is handled about equally by vessels of the United States and of the British (Canadian) flag. See Tables 446 and 447 in which the columns for northern border represent trade with Quebec and Ontario. For periods covered see note, Table 448

	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1930	1931	1932
Total by sea:								
Entered	26,362	35,212	37,604	52,959	63,768	66,499	60,427	55,229
Cleared	26,206	34,965	39,417	53,578	64,441	66,500	61,204	54,900
American:								
Entered	4,044	4,753	13,327	22,526	23,182	24,620	21,499	20,643
Cleared	4,023	4,778	14,171	22,556	23,338	24,154	21,417	20,204
Total foreign:								
Entered	22,318	30,459	24,276	30,433	40,586	41,879	38,929	34,586
Cleared	22,182	30,186	25,245	31,022	41,102	42,346	39,787	34,695
Belgian:								
Entered	262	412	269	332	374	356	329	229
Cleared	269	404	283	343	370	353	320	241
British:								
Entered	13,564	17,901	14,168	16,807	20,189	19,679	17,618	15,565
Cleared	13,422	17,814	14,755	17,064	20,291	19,628	17,974	15,485
Danish:								
Entered	398	472	774	929	1,136	1,058	1,030	815
Cleared	398	450	795	928	1,168	1,048	1,029	831
Dutch:								
Entered	667	1,004	1,007	1,300	1,798	2,090	1,974	1,502
Cleared	661	1,007	1,055	1,292	1,809	2,114	1,986	1,498
French:								
Entered	636	997	876	1,492	1,870	2,064	1,752	1,556
Cleared	642	990	919	1,518	1,905	2,066	1,728	1,623
German:								
Entered	3,160	4,362	107	847	2,654	3,615	3,660	3,486
Cleared	3,171	4,300	79	870	2,736	3,672	3,702	3,484
Italian:								
Entered	542	821	1,211	1,490	2,175	1,926	1,808	1,824
Cleared	538	850	1,366	1,569	2,160	1,883	1,822	1,726
Japanese:								
Entered	127	353	1,099	2,059	2,618	2,791	2,526	2,287
Cleared	107	244	1,046	2,235	2,741	2,959	2,734	2,442
Norwegian:								
Entered	1,941	2,679	2,744	2,817	4,026	4,242	3,999	3,572
Cleared	1,946	2,684	2,822	2,784	4,136	4,476	4,180	3,637
Spanish:								
Entered	424	413	606	480	571	494	497	434
Cleared	420	398	637	487	586	509	492	422
Swedish:								
Entered	62	70	353	564	985	1,124	1,050	993
Cleared	65	70	367	566	1,005	1,126	1,080	987
All other foreign:								
Entered	535	975	1,062	1,317	2,190	2,440	2,686	2,323
Cleared	542	977	1,122	1,366	2,206	2,513	2,740	2,320

Source of Tables 448 and 449: Bureau of Foreign and Domestic Commerce.

No. 450.—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	1,550	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
1920	8,228	7,252	3,165	4,087	976	5,279	4,731	1,988	2,743	548	43.6	42.0
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	4,309	3,807	1,205	2,602	502	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

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	1920	11,983	5,153	6,830	43.0
1870 [2]	913	323	590	35.6	1921	6,075	2,167	3,908	35.7
					1922	5,985	2,183	3,803	36.5
1871–1875 [2]	1,162	326	835	30.6	1923	6,850	2,398	4,453	35.0
1876–1880 [2]	1,206	289	917	23.9	1924	7,155	2,544	4,611	35.7
1881–1885	1,419	229	1,190	16.2	1925	7,940	2,624	5,316	33.0
1886–1890	1,398	198	1,200	14.1					
1891–1895	1,598	198	1,400	12.4	1926	7,941	2,596	5,345	34.0
					1927	7,759	2,649	5,110	34.1
1896–1900	1,784	179	1,605	10.0	1928	7,827	2,605	5,222	33.8
1901–1905	2,225	220	2,005	9.9	1929	8,129	2,692	5,437	33.1
1906–1910	2,838	287	2,552	10.1	1930	5,803	2,015	3,788	34.7
1911–1915	3,639	385	3,254	10.6					
1915–1920 [4]	8,673	2,534	6,140	29.2	1931	3,871	1,351	2,520	34.9
					1932	2,549	907	1,643	35.6

[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. 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 456. Other explanations of the trade tables are given in the introduction to the Annual Foreign Commerce and Navigation of the United States]

No. 451.—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	1930	1931	1932
Merchandise:							
Exports	2,370,539	6,521,190	4,397,026	4,777,313	3,843,181	2,424,289	1,611,016
United States merchandise	2,331,648	6,416,513	4,310,221	4,687,789	3,781,172	2,377,982	1,576,151
Reexports of foreign merchandise	38,891	104,677	86,805	89,526	62,009	46,307	34,865
General imports	1,712,319	3,358,354	3,450,103	4,033,489	3,060,908	2,090,635	1,322,774
Excess of exports	658,220	3,162,836	946,924	743,845	782,273	333,654	288,242
Gold:							
Exports	83,173	233,248	82,739	222,094	115,967	466,794	809,528
United States gold	81,151	255,867	81,183	220,373	114,715	466,774	796,043
Foreign gold	2,022	7,382	1,557	1,721	1,252	20	13,485
Imports	85,969	382,022	347,425	255,528	396,054	612,119	363,315
Excess of exports (+) or imports (−)	−2,796	−148,773	−264,686	−33,434	−280,087	−145,325	+446,213
Silver:							
Exports	61,432	143,447	79,174	78,568	54,157	26,435	13,850
United States silver	56,864	127,414	52,662	61,118	43,550	21,719	10,205
Foreign silver	4,568	16,034	26,512	17,448	10,607	4,766	3,645
Imports	38,739	64,217	69,409	59,898	42,761	28,664	19,650
Excess of exports (+) or imports (−)	+22,693	+79,231	+9,765	+18,668	+11,396	−2,179	−5,800
Excess of exports (+) or imports (−) of merchandise, gold and silver	+678,117	+3,093,293	+692,003	+729,078	+513,582	+186,150	+728,655
Imports of merchandise for consumption	1,698,029	3,288,839	3,422,748	4,020,350	3,114,077	2,088,455	1,325,093
Entered for immediate consumption	1,518,447	3,075,230	3,050,279	3,602,947	2,765,315	1,881,011	1,197,903
Withdrawn from warehouse	179,582	213,609	372,469	417,403	348,762	207,444	127,190
Free	966,141	2,262,412	2,088,932	2,645,610	2,081,123	1,391,693	885,536
Dutiable	731,887	1,028,245	1,333,816	1,374,740	1,032,954	696,762	439,557
Per cent free	56.89	68.79	61.03	65.81	66.83	66.64	66.83
Duties calculated	283,408	227,035	478,911	550,743	461,790	370,771	259,600
Ratio of duties to total imports for consumption, per cent	16.69	6.90	13.99	13.70	14.83	17.75	19.59
Ratio to dutiable imports	*38.72*	*22.08*	*35.90*	*40.06*	*44.71*	*53.21*	*59.06*
Entered for warehouse	193,872	283,124	399,824	430,521	295,593	209,624	124,870

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 452.—PRODUCTION OF EXPORTABLE GOODS AND PROPORTION EXPORTED

NOTE.—Agricultural production prior to 1909 is the estimated value of farm products, excluding crops fed to livestock; beginning 1909 it is gross income, excluding feed, seed, and waste. Value added by manufacture represents manufactures. Value of mine products in 1909 and 1919 are census figures, in 1929 census data plus petroleum products, while estimates for other years are based on data of the Bureau of Mines. As the figures are not adjusted for price changes the increase or decrease in absolute values from period to period should be disregarded

[Amounts in millions of dollars]

Year	Agricultural products	Manufactures	Mining	Freight receipts (railroad)	Total	Exports, 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	11,918	31,885	4,130	4,899	52,802	5,157	9.8
1931	6,911	19,867	2,200	3,302	32,280	2,378	7.4

[1] Mean of preceding and following fiscal year.

No. 453.—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	6,000– 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	6,200– 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. 454.—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 eliminate the effect of price changes upon the total value of trade. They have been constructed by the so-called ideal formula, the essential feature of which is the use of the quantities of the several articles for each pair of years compared as weighting factors of their unit values. About 265 commodities were included in the direct calculations for exports and 160 in those for imports. It was then assumed that the price movement for commodities not included in the calculation was the same as for those selected. For exports, the value of each economic class was adjusted by the computed price index for that class and included in the aggregative totals from which the quantity indexes were calculated. For imports, it was assumed that the prices of articles not covered had moved as those covered save only that in making the adjustment the effect of abnormal price movements of heavily weighted commodities was first eliminated. 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 [1]	Unit value [1]	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
1919	120	144	173	104	117	123	134	156	210	183	184	340
1920	116	156	181	106	133	142	163	174	284	114	169	194
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	63	43
1932	69	51	35	115	34	39	59	47	28	50	52	26

Yearly average or year	Exports of United States merchandise						General imports			United States wholesale price index
	Semimanufactures			Finished manufactures						
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	
1913	91	72	65	65	73	48	62	75	46	69
1921–1925	88	100	88	91	107	96	94	94	89	99
1926–1930	113	95	108	143	91	130	115	91	104	94
1919	106	142	151	110	143	157	78	130	101	138
1920	103	152	157	121	162	196	86	158	136	153
1921	64	105	67	78	128	99	75	87	65	97
1922	77	93	72	75	105	79	96	84	80	96
1923	91	101	92	90	101	90	100	98	98	100
1924	103	97	100	98	99	97	97	96	93	97
1925	106	102	108	113	100	113	103	106	109	103
1926	106	101	107	119	101	120	110	104	114	99
1927	121	95	114	133	91	121	112	96	108	95
1928	124	94	117	154	90	138	113	94	106	96
1929	119	100	119	174	89	155	129	88	114	96
1930	97	87	84	137	85	116	109	72	79	86
1931	73	71	52	100	68	68	98	55	54	72
1932	55	58	32	61	62	38	78	43	34	64

[1] Revised.

No. 455.—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.

Year	Increase or decrease during year of gold under earmark[2]	Month	Amount under earmark at end of month					
			1927	1928	1929	1930	1931	1932
1919	−1,942	January	19,779	193,919	144,808	[3] 134,794	125,795	433,150
1920	+17,000	February	16,599	191,051	144,808	[3] 134,794	123,295	406,781
1921	−22,000	March	18,101	155,251	137,391	119,795	120,295	348,469
1922	+3,700	April	19,101	109,511	88,821	119,295	127,795	344,500
1923	−700	May	114,101	136,050	72,694	117,295	123,795	366,650
1924	+42,213	June	114,601	105,907	80,207	115,295	31,531	395,447
1925	−32,244							
1926	+26,297	July	114,417	45,050	102,194	118,295	61,231	339,210
1927	+160,153	August	116,918	39,134	103,194	118,295	77,231	238,709
1928	−119,522	September	125,918	40,334	109,795	114,303	356,321	166,422
1929	+55,398	October	150,919	39,134	114,296	120,410	463,931	120,646
1930	+2,400	November	190,919	64,136	113,292	[3] 122,536	435,621	72,080
1931	+316,839	December	199,419	79,897	135,295	137,095	458,534	73,694
1932	−384,840							

[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. 456.—MERCHANDISE TRADE OF CONTINENTAL UNITED STATES WITH FOREIGN COUNTRIES AND OUTLYING TERRITORIES AND POSSESSIONS

IMPORTANT NOTE.—This table differs as to its geographic basis from all other foreign trade tables in this section and in other publications: (1) In the case of other tables the data represent the trade of the "customs area," which includes continental United States, Alaska, Hawaii, and Puerto Rico, with all foreign countries, including the Philippine and Virgin Islands. The data do not cover trade between continental United States and the three territories of Alaska, Hawaii, and Puerto Rico. (2) The present table takes continental United States as the basis. In the totals, trade between it and Alaska, Hawaii, and Puerto Rico is included while the trade of these three Territories with foreign countries is excluded. Trade of continental United States with Guam and American Samoa is also included. Practically all other nations calculate their foreign trade in the manner followed in the present table; that is, totaling the trade of the home country with foreign countries and with all outlying areas. Prior to 1901 Alaska was our only outlying area. Therefore, our foreign trade statistics for 1900 and earlier years very nearly represent the trade of continental United States with foreign countries. Data are for years ended June 30, through 1918; thereafter, for years ended Dec. 31

[All figures in thousands of dollars]

Yearly average or year	Exports[1]			Imports		
	Total	To foreign countries	To U. S. Territories and possessions	Total	From foreign countries	From U. S. Territories and possessions
1903-1905	1,495,916	1,456,132	39,484	1,090,764	1,026,341	64,423
1906-1910	1,829,286	1,701,625	67,661	1,410,329	1,324,504	85,734
1911-1915	2,441,254	2,337,591	103,664	1,811,234	1,681,207	130,027
1916-1920[2]	6,656,126	6,452,539	203,587	3,596,084	3,274,496	321,588
1921-1925	4,552,455	4,336,341	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
1921	4,620,537	4,427,556	192,981	2,672,013	2,438,856	233,157
1922	3,963,077	3,780,024	183,057	3,282,296	3,035,381	246,915
1923	4,333,730	4,109,344	224,380	4,010,041	3,697,007	313,034
1924	4,761,944	4,521,219	240,425	3,832,148	3,494,159	337,989
1925	5,083,287	4,838,565	244,722	4,455,787	4,090,887	364,900
1926	4,991,768	4,729,811	261,957	4,669,318	4,303,302	366,016
1927	5,056,956	4,785,482	271,474	4,421,181	4,047,124	374,057
1928	5,311,007	5,038,693	272,314	4,349,314	3,951,050	398,264
1929	5,425,699	5,147,086	278,613	4,625,145	4,251,077	374,068
1930	4,024,538	3,771,455	253,083	3,287,534	2,929,978	357,556
1931	2,582,237	2,370,469	211,768	2,307,185	1,987,340	319,845
1932	1,735,136	1,562,951	172,185	1,497,364	1,229,293	268,071

[1] Including reexports of foreign merchandise. [2] Period July 1, 1915, to Dec. 31, 1920.

No. 457.—EXPORTS AND IMPORTS OF MERCHANDISE

NOTE.—**All figures in thousands of dollars.** Specie values. Figures are for fiscal years ended Sept. 30, 1791 to 1842, and June 30, 1843 to 1915, subsequently for calendar years. For calendar years 1901–1915 and fiscal years 1916–1932, see Supplemental Table 459. For total exports and total imports by years prior to 1888, see Table 460. Figures include gold and silver prior to 1821. For data, by months, see annual volumes and Monthly Summary of Foreign Commerce and Navigation.

Yearly average or year	Exports			General imports	Total exports and imports	Excess of exports (+) or imports (−)
	Total	U. S. merchandise	Reexports			
1791–1800	46,774	27,740	19,034	59,185	105,959	−12,411
1801–1810	74,532	38,178	36,354	92,766	167,298	−18,234
1811–1820	58,989	46,270	12,719	80,812	139,801	−21,823
1821–1830	60,421	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	3,358,354	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
1888	695,955	683,862	12,093	723,957	1,419,912	−28,002
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	1,518,552	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	26,987	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	3,831,777	3,765,091	66,686	3,112,747	6,944,524	+719,030
1923	4,167,493	4,090,715	76,778	3,792,066	7,959,559	+375,427
1924	4,590,984	4,497,649	93,335	3,609,963	8,200,947	+981,021
1925	4,909,848	4,818,722	91,125	4,226,589	9,136,437	+683,258
1926	4,808,660	4,711,721	96,939	4,430,888	9,239,548	+377,772
1927	4,865,375	4,758,864	106,512	4,184,742	9,050,117	+680,633
1928	5,128,356	5,030,099	98,258	4,091,444	9,219,800	+1,036,912
1929	5,240,995	5,157,083	83,912	4,399,361	9,640,356	+841,634
1930	3,843,181	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

[1] Period beginning Oct. 1, 1841, and ending June 30, 1850.

[2] Period July 1, 1915, to Dec. 31, 1920.

No. 458.—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 457. 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	208,399	202,226	+6,173
1861–1865	56,814	15,881	+40,933	3,961	3,172	+789	248,586	274,492	−25,906
1866–1870	60,462	12,030	+38,422	20,746	6,608	+14,138	392,040	426,932	−34,892
1871–1875	52,423	11,497	+40,926	31,915	9,673	+22,242	586,179	599,043	−12,864
1876–1880	15,040	26,790	−11,750	22,670	13,182	+9,488	714,470	532,542	+181,928
1881–1885	19,263	40,333	−21,070	22,739	12,108	+10,631	833,894	719,583	+114,311
1886–1890	29,651	26,163	+3,488	31,082	18,045	+13,037	799,112	761,439	+37,673
1891–1895	77,737	39,588	+38,149	38,777	18,935	+19,842	1,008,935	843,650	+165,276
1896–1900	50,703	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	85,960	−2,786	61,432	38,739	+22,693	2,515,144	1,837,027	+678,117
1915–1920 [3]	233,248	382,022	−148,773	143,447	64,217	+79,231	6,897,886	3,804,593	+3,093,293
1921–1925	82,739	347,425	−264,686	70,174	69,409	+9,765	4,558,940	3,866,937	+692,003
1926–1930	222,094	255,528	−33,433	78,566	59,808	+18,668	5,077,974	4,348,894	+729,078
1888	18,376	43,934	−25,558	28,038	15,404	+12,634	742,369	783,295	−40,926
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	909,077	823,287	+86,690
1891	86,363	18,233	+68,130	22,591	18,027	+4,564	903,434	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	23,103	+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	35,256	+21,456	1,499,402	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	48,569	52,021	−3,452	49,732	28,232	+21,500	1,480,021	983,574	+496,447
1903	47,091	44,982	+2,109	44,250	24,163	+20,087	1,511,483	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	92,504	53,049	+38,945	48,849	27,485	+21,364	1,660,005	1,198,647	+461,358
1906	38,574	90,222	−57,648	65,809	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	1,749,262	+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	171,509	−25,345	50,942	29,110	+21,832	2,955,756	1,874,849	+1,080,907
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	685,900	−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	6,989,527	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	8,668,724	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	61,048	319,721	−258,673	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	115,706	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	390,054	−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	1,705,730	+728,655

[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. 459.—SUPPLEMENT TO TABLES 457 AND 458: CALENDAR YEARS 1901 TO 1915, AND FISCAL YEARS ENDED JUNE 30, 1916 TO 1932

[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			
1901	1,465,376	1,438,079	27,297	880,420	2,345,796	+584,956
1902	1,360,686	1,333,269	27,418	969,317	2,330,003	+391,369
1903	1,484,753	1,457,647	27,106	995,494	2,480,247	+489,259
1904	1,451,319	1,425,711	25,608	1,035,909	2,487,228	+415,410
1905	1,626,991	1,599,423	27,568	1,179,145	2,806,136	+447,846
1906	1,798,243	1,772,716	25,527	1,320,502	3,118,745	+477,742
1907	1,923,426	1,895,356	28,070	1,423,170	3,346,596	+500,256
1908	1,752,835	1,728,670	24,165	1,116,374	2,869,209	+636,461
1909	1,728,199	1,700,722	27,477	1,475,521	3,203,720	+252,678
1910	1,866,259	1,829,023	37,236	1,562,904	3,429,163	+303,355
1911	2,092,527	2,058,413	34,114	1,532,359	3,624,886	+560,168
1912	2,399,218	2,362,696	36,522	1,818,073	4,217,291	+581,145
1913	2,484,018	2,448,284	35,734	1,792,596	4,276,614	+691,422
1914	2,113,624	2,071,058	42,566	1,789,276	3,902,900	+324,348
1915	3,554,671	3,493,231	61,440	1,778,597	5,333,268	+1,776,074
1916	4,333,483	4,272,178	61,305	2,197,884	6,531,367	+2,135,599
1917	6,290,048	6,227,104	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	3,780,950	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	4,867,343	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

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 (−)
1901	57,784	54,702	+3,022	55,638	31,147	+24,491	1,578,708	966,329	+612,469
1902	36,031	44,193	−8,162	49,273	26,403	+22,870	1,445,990	1,039,913	+406,077
1903	44,347	65,268	−20,921	40,610	23,975	+16,635	1,569,710	1,084,737	+484,973
1904	121,212	84,803	+36,409	50,135	26,087	+24,048	1,622,666	1,146,799	+475,867
1905	46,794	50,293	−3,499	57,513	35,939	+21,574	1,731,298	1,265,377	+465,921
1906	45,709	155,579	−108,870	60,957	44,228	+16,729	1,905,909	1,520,309	+385,600
1907	55,216	143,398	−88,182	61,626	45,912	+15,714	2,040,208	1,612,480	+427,788
1908	81,215	50,276	+30,939	61,838	42,224	+9,614	1,885,888	1,208,874	+677,014
1909	132,881	44,087	+88,794	57,892	46,188	+11,404	1,918,672	1,565,796	+352,876
1910	58,776	59,223	−448	57,361	45,878	+11,483	1,982,396	1,668,005	+314,390
1911	37,183	57,445	−20,262	65,565	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	36,004	+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	3,140,390	+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	4,420,049	4,051,003	+369,046
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

No. 460.—MERCHANDISE EXPORTS AND IMPORTS WITH TRADE BALANCES: FOR INDIVIDUAL YEARS 1790 TO 1887

NOTE.—All figures in thousands of dollars. Specie values. For later years see Table 457. Fiscal years ended Sept. 30, 1790 to 1842, June 30 thereafter

Year	Exports[1]	Imports[1]	Excess of exports (+) or imports (−)
1790	20,205	23,000	−2,795
1791	19,012	29,200	−10,188
1792	20,753	31,500	−10,747
1793	26,110	31,100	−4,990
1794	33,044	34,600	−1,556
1795	47,990	69,756	−21,766
1796	58,575	81,436	−22,861
1797	51,295	75,379	−24,084
1798	61,327	68,552	−7,225
1799	78,666	79,069	−403
1800	70,972	91,253	−20,281
1801	93,021	111,364	−18,343
1802	71,957	76,333	−4,376
1803	55,800	64,667	−8,867
1804	77,699	85,000	−7,301
1805	95,566	120,600	−25,034
1806	101,537	129,410	−27,873
1807	108,343	138,500	−30,157
1808	22,431	56,990	−34,559
1809	52,203	59,400	−7,197
1810	66,758	85,400	−18,642
1811	61,317	53,400	+7,917
1812	38,527	77,030	−38,503
1813	27,856	22,005	+5,851
1814	6,927	12,965	−6,038
1815	52,558	113,041	−60,482
1816	81,920	147,103	−65,183
1817	87,672	99,250	−11,578
1818	93,281	121,750	−28,469
1819	70,143	87,125	−16,982
1820	69,692	74,450	−4,758
1821	54,496	54,521	−25
1822	61,350	79,872	−18,522
1823	68,326	72,481	−4,155
1824	68,972	72,169	−3,197
1825	90,738	90,189	+549
1826	72,891	78,094	−5,203
1827	74,310	71,333	+2,977
1828	64,021	81,020	−16,999
1829	67,435	67,089	+346
1830	71,671	62,721	+8,950
1831	72,296	95,885	−23,589
1832	81,521	95,122	−13,601
1833	87,529	101,048	−13,519
1834	102,260	108,610	−6,350
1835	115,216	136,764	−21,548
1836	124,339	176,579	−52,240
1837	111,443	130,473	−19,030
1838	104,979	95,970	+9,009
1839	112,252	156,497	−44,245
1840	123,669	98,259	+25,410
1841	111,817	122,958	−11,141
1842	99,878	96,075	+3,803
1843[2]	82,826	42,433	+40,393
1844	105,746	102,605	+3,141
1845	106,040	113,184	−7,144
1846	109,583	117,914	−8,331
1847	156,742	122,424	+34,318
1848	138,191	148,639	−10,448
1849	140,351	141,206	−855
1850	144,376	173,510	−29,134
1851	188,915	210,771	−21,856
1852	166,984	207,440	−40,456
1853	203,489	263,777	−60,288
1854	237,044	297,804	−60,760
1855	218,910	257,809	−38,899
1856	281,219	310,432	−29,213
1857	293,824	348,428	−54,604
1858	272,011	263,339	+8,672
1859	292,902	331,333	−38,431
1860	333,576	353,616	−20,040
1861	219,554	289,311	−69,757
1862	190,671	189,357	+1,314
1863	203,964	243,336	−39,372
1864	158,838	316,447	−157,609
1865	166,029	238,746	−72,717
1866	348,860	434,812	−85,952
1867	294,506	395,761	−101,255
1868	281,953	357,436	−75,483
1869	286,118	417,506	−131,388
1870	392,772	435,958	−43,186
1871	442,820	520,224	−77,404
1872	444,178	626,595	−182,417
1873	522,480	642,136	−119,656
1874	580,283	567,406	+13,877
1875	513,443	533,005	−19,562
1876	540,385	460,741	+79,644
1877	602,475	451,323	+151,152
1878	694,866	437,052	+257,814
1879	710,439	445,778	+264,664
1880	835,639	667,955	+167,681
1881	902,377	642,665	+259,712
1882	750,542	724,640	+25,902
1883	823,839	723,181	+100,658
1884	740,514	667,698	+72,816
1885	742,190	577,527	+164,663
1886	679,525	635,436	+44,089
1887	716,183	692,320	+23,863

[1] Includes gold and silver prior to 1821. [2] Period beginning Oct. 1, 1842, and ending June 30, 1843.

No. 461.—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 457. Import figures for 1791 to 1820 are based on general imports shown in Table 457, for 1821 to 1870, total imports less reexports, and for 1871 to date, imports for consumption, shown in Table 462

Yearly average	Exports	Imports
	Dollars	*Dollars*
1791–1800	10.08	12.75
1801–1810	11.82	14.71
1811–1820	6.96	9.53
1821–1830	4.71	5.02
1831–1840	5.85	6.91
1841–1850	5.67	5.60
1851–1860	8.48	9.78
1861–1865	5.11	7.15
1866–1870	8.35	10.73
1871–1875	11.70	13.55
1876–1880	14.01	10.18
1881–1885	14.49	12.50
1886–1890	12.12	11.73
1891–1895	13.21	11.59
1896–1900	15.60	10.03
1901–1905	17.53	11.75
1906–1910	19.54	14.82
1911–1915	23.98	17.46
1916–1920	61.20	31.37
1921–1925	38.05	30.22
1926–1930	38.50	33.02
1886	11.62	10.89
1887	12.00	11.60
1888	11.43	11.81
1889	11.95	12.02
1890	13.54	12.27
1891	13.69	13.27
1892	15.62	12.37
1893	12.53	12.56
1894	12.85	9.32
1895	11.51	10.61
1896	12.29	10.82
1897	14.43	11.03
1898	16.62	8.66
1899	16.24	9.24
1900	18.17	11.01
1901	18.69	10.34
1902	16.99	11.28
1903	17.10	12.38
1904	17.28	11.82
1905	17.62	12.84
1906	19.90	14.06
1907	21.08	16.09
1908	20.48	13.21
1909	17.96	14.05
1910	18.41	16.66
1911	21.34	16.19
1912	22.65	17.13
1913	24.97	18.17
1914	23.61	19.32
1915	27.13	16.46
1916	53.01	23.06
1917	59.48	28.14
1918	57.51	28.06
1919	72.69	35.90
1920	74.70	47.16
1921	39.86	23.27
1922	33.75	27.55
1923	36.11	32.95
1924	39.12	31.10
1925	41.30	35.80
1926	39.81	37.24
1927	39.63	34.67
1928	41.31	33.49
1929	41.77	35.14
1930	30.21	24.88
1931	18.86	16.56
1932	12.42	10.44

No. 462.—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	Per cent free		Free and dutiable	Dutiable	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*		*1,000 dollars*	*Per cent*	*Per cent*	*Dollars*
1821–1830	56, 749	3, 325	53, 424	5.86	26, 282	46.31	49.20	2.32
1831–1840	104, 139	39, 680	64, 459	38.10	24, 509	23.53	33.02	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
1916–1920 [1]	3, 285, 839	2, 262, 412	1, 028, 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
1889	734, 681	249, 824	484, 857	34.05	220, 576	30.02	45.49	3.61
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	687, 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	3.15
1903	1, 007, 960	437, 291	570, 669	43.38	280, 752	27.85	49.20	3.45
1904	981, 823	454, 153	527, 669	46.26	258, 161	26.29	48.92	3.11
1905	1, 087, 118	517, 073	570, 045	47.56	268, 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 (6 mos.)	934, 675	631, 384	303, 291	67.56	95, 858	10.26	31.61	.95
1916	2, 353, 612	1, 614, 842	743, 770	68.47	214, 214	9.10	28.80	2.11
1917	2, 919, 291	2, 140, 947	778, 344	73.34	204, 585	7.01	26.28	1.99
1918	2, 951, 531	2, 228, 675	722, 856	75.51	170, 934	5.79	23.65	1.64
1919	3, 827, 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, 903, 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	461, 790	14.83	44.71	3.69
1931	2, 088, 455	1, 391, 693	696, 762	66.64	370, 771	17.75	53.21	2.94
1932	1, 325, 093	885, 536	439, 557	66.83	259, 600	19.59	59.06	2.05

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 463.—EXPORTS OF UNITED STATES MERCHANDISE

NOTE.—All figures in thousands of dollars. Merchandise only, specie values. Figures cover fiscal years covered by each class see Annual Commerce and Navigation of the United States. Owing to the special 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, 595	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, 206	27, 858	42, 306	14, 408	45, 828
1871–1875	486, 128	218, 449	75, 206	95, 282	22, 681	74, 509
1876–1880	663, 650	213, 989	158, 853	161, 915	30, 174	98, 719
1881–1885	774, 607	261, 645	162, 714	197, 457	37, 044	115, 747
1886–1890	725, 685	276, 703	108, 708	181. 521	40, 023	118, 730
1891–1895	876, 326	295, 087	150, 846	238, 580	55, 343	136, 470
1896–1900	1, 136, 039	296, 664	214, 778	272, 759	100, 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	209, 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 [2]	5, 227, 127	843, 258	502, 763	945, 720	871, 731	2, 063, 646
1889	730, 282	291, 034	98, 847	174, 504	42, 713	123, 184
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	251, 669	153, 278	247, 075	49, 071	129, 938
1894	869, 205	283, 357	133, 197	249, 846	67, 145	135, 659
1895	793, 393	269, 294	99, 145	219, 000	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, 355, 482	387, 711	184, 786	328, 832	132, 206	321, 947
1903	1, 392, 232	415, 543	185, 308	323, 245	140, 667	327, 469
1904	1, 435, 179	466, 984	135. 747	308, 836	174, 877	348, 735
1905	1, 491. 745	478, 518	118, 185	283, 065	209, 926	402, 050
1906	1, 717, 954	507, 328	177, 216	347, 385	226, 211	459, 813
1907	1, 853, 718	600, 540	167, 348	345, 707	259, 442	480, 681
1908	1, 834, 786	563, 197	189, 052	331, 962	261, 106	489, 470
1909	1, 638, 356	528, 691	135, 694	302, 555	231, 144	440, 272
1910	1, 710, 084	574, 015	109, 828	259, 260	267, 766	499, 215
1911	2, 013, 549	720. 611	103, 402	282, 017	309, 152	598, 369
1912	2, 170, 320	731, 164	99, 899	315, 339	348, 150	672, 268
1913	2, 428, 506	740, 290	181, 907	321, 204	408, 807	776, 297
1914	2, 329, 684	709, 838	137, 495	293, 219	374, 224	724, 908
1915	2, 716, 178	591, 282	506, 993	454, 575	356, 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, 702	803, 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, 303	1, 962, 616	922. 246	2, 563, 505
1920	8, 080, 481	1, 882, 530	917, 991	1, 116, 605	958, 497	3, 204, 858
1921	4, 378, 928	983, 553	673, 334	685, 025	410, 167	1, 626, 849
1922	3, 765, 091	988, 456	458, 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, 608	1, 588, 052
1925	4, 818, 722	1, 422, 053	317. 894	573, 753	661, 683	1, 843, 334
1926	4, 711, 721	1, 261, 325	335, 063	503, 005	655, 547	1, 956, 781
1927	4, 758, 864	1, 192, 776	421, 107	463, 299	699, 727	1, 981, 955
1928	5, 030, 099	1, 293, 257	294, 677	465, 811	716, 352	2, 260, 002
1929	5, 157, 083	1, 142, 352	269, 590	484, 304	729, 013	2, 531, 823
1930	3, 781, 172	820, 008	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

[1] Period July 1, 1915, to Dec. 31, 1920.

AND GENERAL IMPORTS, BY ECONOMIC CLASSES

ended Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar thereafter, except as noted. For articles influence of the war on the character of our trade, averages for the fiscal years 1910–1914 and 1915–1919 are

Imports						Yearly average or year
Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs	Semimanufactures	Finished manufactures	
54, 521	2, 540	6, 081	10, 821	4, 079	30, 999	1821.
62, 721	4, 797	7, 382	9, 654	5, 152	35, 735	1830.
98, 259	12, 140	15, 274	15, 189	11, 356	44, 300	1840.
173, 510	12, 556	18, 012	21, 466	26, 163	95, 313	1850.
284, 475	27, 394	33, 286	43, 904	35, 559	144, 332	1851–1860.
255, 439	36, 064	36, 504	44, 613	34, 744	103, 514	1861–1865.
408, 294	47, 814	54, 018	81, 381	56, 632	168, 449	1866–1870.
577, 873	93, 182	81, 602	115, 960	78, 360	208, 769	1871–1875.
492, 570	91, 353	89, 461	105, 865	61, 318	144, 573	1876–1880.
667, 142	133, 268	99, 376	127, 732	91, 625	215, 141	1881–1885.
717, 231	162, 436	113, 130	118, 224	113, 045	210, 396	1886–1890.
785, 137	185, 222	146, 510	140, 726	112, 833	199, 846	1891–1895.
741, 519	218, 517	111, 843	118, 124	99, 005	194, 030	1896–1900.
972, 162	324, 508	125, 644	120, 218	161, 809	239, 983	1901–1905.
1, 344, 838	404, 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, 368, 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, 468	1, 484, 123	506, 616	398, 310	762, 034	882, 385	1926–1930.
1, 688, 874	594, 957	203, 205	194, 312	307, 068	389, 332	1910–1914.
2, 514, 557	1, 039, 366	312, 059	355, 305	443, 647	364, 180	1915–1919.[2]
745, 132	172, 184	123, 131	122, 254	115, 080	212, 483	1889.
789, 310	179, 889	128, 480	133, 332	116, 924	230, 686	1890.
844, 916	192, 531	150, 639	147, 722	138, 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	136, 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.
704, 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	235, 725	237, 176	335, 877	1915.
912, 787	378, 446	130, 398	113, 441	143, 752	146, 750	1915 (6 mos.).
2, 391, 635	1, 029, 358	260, 132	338, 707	417, 860	345, 578	1916.
2, 952, 468	1, 286, 079	385, 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, 906	756, 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, 086	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] Fiscal years.

No. 464.—GENERAL IMPORTS, FREE AND DUTIABLE,

NOTE.—All figures in thousands of dollars. Merchandise only, specie values. Figures cover fiscal
percentage free in general imports is normally slightly lower than in imports for consumption because
imports. Moreover, since 1922, there is an understatement of the free goods in general imports,

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	1,460	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	165,428	10.4	602	11,954	4.8	15,803	2,208	87.7
1851–1860	44,730	239,745	15.7	6,465	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	399,394	46.1	177,649	40,868	81.3	88,359	23,484	79.0
1901–1905	426,836	545,326	43.9	243,319	81,189	75.0	98,921	26,723	78.7
1906–1910	614,825	730,013	45.7	348,061	116,749	74.9	120,233	27,473	81.4
1911–1915	961,439	750,880	56.1	491,948	105,753	82.3	181,170	37,865	82.7
1915–1920 [1]	2,258,608	1,099,747	67.3	1,195,593	152,074	88.7	349,926	58,226	85.7
1921–1925	2,060,303	1,389,809	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	90,075	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
1889	256,487	488,645	34.4	107,210	64,974	62.3	100,507	22,624	81.6
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	108,891	21,111	83.8
1897	381,938	382,792	49.9	182,775	17,996	91.0	108,089	20,291	84.2
1898	291,414	324,636	47.3	147,341	46,319	76.1	86,145	17,840	82.8
1899	300,280	396,868	43.1	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	29,194	70.2
1901	339,609	483,563	41.3	191,155	63,009	75.2	80,961	29,424	73.3
1902	396,819	506,502	43.9	233,242	75,371	75.6	90,287	29,993	75.1
1903	426,181	599,538	41.6	249,276	87,112	74.1	86,622	32,581	72.7
1904	454,130	536,957	45.8	249,998	77,552	76.3	110,481	21,742	83.5
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	312,200	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	400,671	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	2,230,353	800,860	73.6	1,092,837	140,860	88.6	283,535	62,118	82.0
1919	2,698,703	1,205,602	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	1,091,303	315,404	77.6	279,222	83,810	76.9
1924 [3]	2,080,096	1,529,867	57.6	977,635	280,621	77.7	335,741	89,132	79.0
1925 [3]	2,051,266	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	66.4	286,731	71,594	80.0	207,438	25,526	89.0

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Fiscal years.

AND PER CENT FREE, BY ECONOMIC CLASSES

years ended Sept. 30, 1821 to 1840, and June 30, 1850 to 1915, calendar thereafter, except as noted. The relatively more of the dutiable general imports are reported as reexported than of the free general resulting from the facts set forth in Table 465

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	30,942	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	62,204	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	10,251	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	153,100	3.5	102,198	137,379	42.7	38,835	295,253	11.6	1906–1910.
25,626	180,517	11.9	167,803	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]
16,062	106,192	13.1	19,655	95,425	17.1	13,052	199,430	6.1	1889.
15,375	117,957	11.5	19,275	97,550	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.
121,858	31,881	79.3	33,114	102,495	24.4	16,876	211,889	7.4	1893.
130,454	24,895	84.0	15,129	67,765	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	212,386	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	295,057	10.8	1908.
5,177	160,524	3.1	95,079	127,023	42.8	32,723	266,384	10.9	1909.
9,391	172,178	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	40,085	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	203,972	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	376,151	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]

[3] See headnote and supplemental Table No. 465, p. 410.

No. 465.—SUPPLEMENT TO TABLE 464: FREE AND DUTIABLE GENERAL IMPORTS OF MERCHANDISE ADJUSTED FOR VALUES OF WHEAT AND WOOL CLASSIFIED AS DUTIABLE BUT ENTERED FREE UNDER SPECIAL PROVISIONS, 1925 TO 1932

NOTE.—All figures in thousands of dollars. Since 1922 there is an understatement of the value of free goods in the figures for general imports resulting from the following facts: (1) Wheat imported (practically all coming from Canada) for 1922 to 1928 was all reported as dutiable when first entered, but most of it was subsequently used for milling-in-bond for export and in that case no duty is collected; (2) carpet wool for 1922 to 1932 was nearly all reported as dutiable when first entered but most of it is subsequently used for making carpets in which case no duty is collected. These shifts affect the general total and the totals for the economic classes of crude materials, and crude foodstuffs in Table 464. The following table shows for these classes approximately the proportions free and dutiable since 1924 after adjusting for these shifts. It also shows approximate adjusted figures of free and dutiable imports from Canada. The shift of carpet wool from dutiable to free likewise affects somewhat the proportions free and dutiable in imports from countries supplying carpet wool (principally United Kingdom, China, Argentina, Chile, and India), but no adjustments have been made for such countries or for continent totals. See Table 526 of the 1930 Statistical Abstract for adjustments for 1922, 1923 and 1924.

	1925	1926	1927	1928	1929	1930	1931	1932
WHEAT								
Imports entered for consumption:								
Total	16,703	22,129	14,679	23,189	(1)	(1)	(1)	(1)
Free for manufacture and export	15,091	21,489	14,651	22,908	(1)	(1)	(1)	(1)
Per cent free	89.8	97.1	99.8	98.8	(1)	(1)	(1)	(1)
General imports dutiable	19,343	[2] 19,692	15,344	22,040	(1)	(1)	(1)	(1)
Estimated general imports classified as dutiable but entered free under special provision	17,370	[3] 18,982	15,313	21,778	(1)	(1)	(1)	(1)
CARPET WOOL								
Imports entered for consumption:								
Total	42,416	33,075	35,560	39,556	46,148	11,706	16,533	4,794
Free for manufacture into carpets	38,439	29,978	32,809	35,674	41,459	9,183	15,636	4,384
Per cent free	90.6	90.6	92.3	90.2	89.8	78.4	94.6	91.4
General imports free and dutiable:								
Total	47,232	30,102	37,470	37,947	46,989	18,994	14,354	3,602
Estimated general imports entered free	42,792	27,272	34,585	34,288	42,195	14,891	13,579	3,292
Carpet wool entered free	5,345	5,214	3,712	4,993	6,877	2,113	2,295	610
Estimated general imports classified as dutiable but entered free under special provision	37,447	22,058	30,873	29,295	35,318	12,778	11,284	2,682

	1925		1926		1927		1928	
	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted
All commodities	4,226,589	4,226,589	4,430,888	4,430,888	4,184,742	4,184,742	4,091,444	4,091,444
Free	2,651,266	2,706,083	2,853,411	2,894,451	2,621,873	2,668,059	2,616,239	2,667,310
Dutiable	1,575,322	1,520,506	1,577,477	1,536,437	1,562,869	1,516,683	1,475,205	1,424,134
Per cent free	62.7	64.0	64.4	65.3	62.7	63.8	63.9	65.2
Crude foodstuffs[1]	494,800	494,800	539,818	539,818	504,686	504,686	549,892	549,892
Free	392,942	410,312	438,594	457,576	392,971	408,284	431,587	453,363
Dutiable	101,858	84,488	101,224	82,242	111,715	96,402	118,305	96,529
Per cent free	79.4	82.9	81.2	84.8	77.9	80.9	78.5	82.4
Crude materials	1,748,065	1,748,065	1,792,292	1,792,292	1,600,809	1,600,809	1,466,734	1,466,734
Free	1,460,083	1,437,630	1,483,772	1,505,830	1,315,237	1,346,110	1,222,411	1,251,706
Dutiable	347,982	310,535	308,520	286,462	285,572	254,699	244,323	215,028
Per cent free	80.1	82.2	82.8	84.0	82.2	84.1	83.3	85.3
From Canada[1]	454,236	454,236	475,881	475,881	475,028	475,028	489,303	489,303
Free	331,763	349,133	352,245	371,227	344,193	359,506	355,484	377,260
Dutiable	122,473	105,103	123,636	104,654	130,835	115,522	133,819	112,043

	1929		1930		1931		1932	
	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted	Reported	Adjusted
All commodities	4,399,361	4,399,361	3,060,908	3,060,908	2,090,635	2,090,635	1,322,774	1,322,774
Free	2,843,354	2,878,672	2,051,110	2,063,888	1,381,435	1,392,719	879,043	881,725
Dutiable	1,556,007	1,520,689	1,009,798	997,020	709,199	697,915	443,731	441,049
Per cent free	64.6	65.4	67.0	67.4	66.1	66.6	66.5	66.7
Crude materials	1,558,620	1,558,620	1,002,161	1,002,161	642,173	642,173	358,326	358,326
Free	1,289,317	1,324,636	834,120	846,898	524,541	535,825	286,731	289,413
Dutiable	269,303	233,985	168,041	155,263	117,632	106,348	71,594	68,912
Per cent free	83.0	85.0	83.2	84.5	81.7	83.4	80.0	80.8

[1] Beginning 1929, all grain for milling-in-bond was reported free when entered; therefore no adjustment in crude foodstuffs and imports from Canada is necessary after 1928.
[2] Includes wheat valued at $139,000 entered free.
[3] Wheat valued at $139,000 entered free.

No. 466.—PERCENTAGE DISTRIBUTION OF EXPORTS AND IMPORTS OF MERCHANDISE, BY ECONOMIC CLASSES

NOTE.—Percentages are based on figures shown in Table 463

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	15.46	11.56	45.09
1850	62.30	5.59	14.84	4.49	12.72	7.24	10.38	12.37	15.08	54.93
1851–1860	61.67	6.61	15.30	4.01	12.32	9.63	11.70	15.43	12.50	50.74
1861–1865	10.97	22.13	34.42	5.69	17.78	14.12	14.29	17.47	13.60	40.52
1866–1870	67.62	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	24.30	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	16.93	13.35	25.17
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	10.08	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	11.00	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	12.08	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
1889	30.85	13.54	23.90	5.85	16.87	23.11	16.53	16.41	15.44	28.52
1890	36.61	15.62	20.59	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	9.52	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	11.86	39.66	33.79	10.94	23.46	15.20	16.61
1921	22.46	15.38	15.66	9.38	37.12	34.23	11.96	14.68	14.41	24.71
1922	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	12.00	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

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Fiscal years.

No. 467.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL

NOTE.—**All figures in thousands of dollars.** Merchandise only, specie values. Figures cover fiscal years averages for 1910-1914 and 1915-1919. The Philippine Islands are included with Asia for all years; *adjusted for recent years* for grain shipments to Canada which are actually in transit to Europe are

Yearly average or year	Exports							
	Total	North America		South America	Europe	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	14,729	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	22,883	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	402,208	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	42,030	44,836	28,212	641,824	17,526	12,785	4,074
1886–1890	738,379	33,758	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	13,966	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	182,316	122,243	1,517,404	133,348	61,506	26,632
1915–1920[2]	6,521,190	780,221	503,439	360,744	4,123,523	502,476	109,121	81,668
1921–1925	4,397,026	627,381	444,578	207,115	2,317,944	498,853	141,426	69,729
1926–1930	4,777,314	820,858	403,175	447,860	2,235,613	573,073	177,239	109,596
1910–1914	2,165,818	319,890	181,206	121,028	1,350,300	121,042	47,715	24,638
1915–1919[2]	5,308,823	638,704	340,971	250,837	3,534,473	403,716	87,262	52,860
1889	742,401	42,528	47,023	35,021	578,903	19,371	16,060	3,497
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	20,170	18,497	4,758
1892	1,030,278	45,260	60,306	33,148	850,623	20,368	15,512	5,061
1893	947,665	48,826	70,963	32,039	661,977	17,017	11,040	5,196
1894	892,141	58,470	61,223	33,212	700,871	21,668	11,772	4,924
1895	807,538	64,152	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	68,196	58,762	33,769	813,386	39,370	22,558	16,953
1898	1,231,482	85,095	54,533	33,822	973,800	44,886	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	31,305	25,543
1902	1,381,719	111,877	92,094	38,044	1,008,034	69,203	29,000	33,469
1903	1,420,142	125,967	89,516	41,138	1,029,257	62,308	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	154,605	83,584	1,283,600	113,247	35,327	20,341
1909	1,663,011	167,423	142,054	76,562	1,140,755	82,982	30,200	17,035
1910	1,744,985	220,104	165,416	93,247	1,135,915	77,094	34,057	18,551
1911	2,049,320	274,478	182,582	108,895	1,308,270	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	197,000	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	170,904	99,324	1,971,435	139,226	53,009	28,520
1915 (6 mos.)	*1,852,862*	*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	539,305	422,398	311,893	4,061,729	469,402	77,402	51,384
1918	6,149,088	900,248	425,238	302,710	3,858,608	498,477	104,519	59,198
1919	7,920,426	749,950	545,842	441,748	5,187,666	771,717	125,585	97,018
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	520,146	273,325	2,363,899	532,615	112,766	72,847
1922	3,831,777	583,451	332,203	226,075	2,083,357	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	4,805,375	845,307	407,720	438,159	2,313,782	559,005	193,714	107,088
1928	5,128,357	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	119,843	96,580	784,048	292,052	36,774	35,974

[1] See headnote and supplemental Table 469 on p. 415.

IMPORTS OF MERCHANDISE DISTRIBUTED BY CONTINENTS

to and including 1915, calendar years thereafter, except as noted. See headnote, Table 463, concerning Hawaiian Islands are with Oceania prior to 1901. Exports to Northern North America and to Europe shown in Table 469, p. 415

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, 703	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, 904	240, 187	37, 773	1, 612	2, 722	1870.
577, 873	33, 840	96, 124	63, 357	321, 067	55, 704	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, 298	910, 340	70, 134	90, 848	1915–1920.[1]
3, 450, 103	396, 669	514, 233	421, 336	1, 049, 494	942, 878	53, 994	71, 499	1921–1925.
4, 033, 460	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	886, 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.[2]
745, 132	43, 039	107, 826	92, 135	403, 421	75, 846	19, 253	3, 610	1889.
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	458, 450	99, 316	16, 838	5, 857	1893.
654, 995	31, 444	135, 519	100, 147	295, 078	74, 878	14, 450	3, 479	1894.
731, 970	37, 191	96, 724	112, 167	383, 646	88, 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, 001	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, 469	86, 588	353, 885	111, 501	22, 588	10, 436	1899.
849, 941	39, 990	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, 007	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, 292	192, 434	12, 432	12, 629	1906.
1, 434, 421	74, 813	188, 763	160, 166	747, 291	223, 986	18, 275	21, 127	1907.
1, 194, 342	76, 301	162, 515	124, 999	608, 014	191, 332	14, 891	16, 291	1908.
1, 311, 920	80, 467	173, 533	163, 879	654, 323	206, 982	17, 628	15, 109	1909.
1, 556, 947	96, 371	210, 397	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	102, 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, 230	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	462, 858	598, 819	551, 145	820, 624	36, 835	73, 064	1917.
3, 031, 213	457, 660	516, 955	610, 931	318, 121	939, 301	102, 737	85, 506	1918.
3, 904, 365	500, 105	657, 009	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, 023	764, 942	617, 862	35, 499	40, 373	1921.
3, 112, 747	366, 524	455, 930	358, 763	991, 203	820, 886	48, 517	64, 924	1922.
3, 792, 066	418, 348	583, 169	467, 421	1, 157, 056	1, 019, 811	59, 200	87, 061	1923.
3, 609, 963	402, 047	593, 108	466, 074	1, 096, 087	930, 708	48, 945	72, 992	1924.
4, 226, 589	458, 791	521, 742	518, 797	1, 238, 181	1, 319, 126	77, 808	92, 144	1925.
4, 430, 888	485, 503	526, 067	567, 970	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, 366	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] Period July 1, 1915, to Dec. 31, 1920.

[2] Fiscal years ended June 30.

No. 468.—PERCENTAGE DISTRIBUTION OF EXPORTS AND GENERAL IMPORTS, BY CONTINENTS

NOTE.—Percentages are based on figures shown in Table 467. 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	3.8	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	43.2	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	2.3	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
1889	5.7	6.3	4.7	78.0	2.6	2.2	.5	5.8	14.5	12.4	54.1	10.2	2.6	.5
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	5.0	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	19.2	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	6.0	48.9	15.9	1.7	2.5	13.3	11.5	14.7	30.6	27.4	.9	1.6
1932	15.3	7.4	6.0	48.7	18.1	2.3	2.2	13.7	11.9	15.2	29.4	27.4	.6	1.8

[1] See headnotes to Table 467 and Table 469.
[2] Less than one-tenth of 1 per cent.
[3] Period July 1, 1915, to Dec. 31, 1920.
[4] Fiscal years.

No. 469.—SUPPLEMENT TO TABLES 467, 468, AND 474: 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 table the reported figures of total value of exports are adjusted on the assumption that all this grain was destined for Europe, an assumption adopted for convenience and involving only a small margin of error. Figures cover fiscal years for 1910–1914; calendar, for all other years

[Millions and tenths of millions of dollars]

Yearly average or year	Grain reported as exported to Canada	Adjusted figures deducting such grain from exports to Canada and adding to exports to Europe						
		Values of exports to—				Per cent of exports to entire world to—		
		Canada	Northern North America	North America	Europe	Northern North America	North America	Europe
1910–1914	7.1	308.0	313.0	494.0	1,367.4	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	594.7	402.3	594.7	1,506.1	16.2	23.9	60.6
1920	70.5	901.3	914.3	1,868.7	4,536.6	11.1	22.5	55.1
1921	79.9	513.8	520.6	1,049.7	2,443.8	11.6	23.4	54.5
1922	78.5	498.2	505.0	837.2	2,161.9	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	16.1	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	362.1	787.6	15.0	22.5	48.9

No. 470.—SUPPLEMENT TO TABLES 471, 472, AND 473: 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 469]

	1910–1914	1921–1925	1926–1930	1930	1931	1932
ADJUSTED EXPORTS (GRAINS EXPORTED TO CANADA TREATED AS EXPORTED TO EUROPE)[1]						
North America	476,127	956,958	1,113,469	868,495	558,849	347,266
Foodstuffs	79,049	108,135	151,772	127,781	73,374	43,296
Crude foodstuffs	24,394	55,464	51,566	44,380	25,719	15,004
Europe	1,340,920	2,351,854	2,270,077	1,830,632	1,178,377	770,011
Foodstuffs	306,733	768,322	504,842	331,693	246,027	160,917
Crude foodstuffs	96,722	348,721	227,991	117,207	85,605	59,650
Per cent of total exports of foodstuffs exported to—						
North America	18.8	16.5	20.1	23.6	19.6	17.9
Europe	72.8	75.2	66.8	61.3	65.8	66.6
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	15.6	18.3	22.1
Foodstuffs	16.6	17.6	13.6	13.2	13.1	12.5
Semimanufactures	14.8	12.8	14.5	14.2	14.4	14.4
Finished manufactures	50.5	52.3	56.0	57.0	54.2	51.0
Europe	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	44.4	37.1	34.1	29.3	25.2	38.0
Foodstuffs	22.9	32.7	22.2	18.1	20.9	20.9
Semimanufactures	17.1	11.2	14.0	13.7	13.3	12.1
Finished manufactures	15.6	19.0	29.7	38.8	40.5	29.0

[1] See Table 469 for grain exports to Canada and for reasons for adjustments.

No. 471.—FOREIGN TRADE WITH EACH CONTINENT, BY ECONOMIC CLASSES

NOTE.—Values in millions and tenths of millions of dollars. Data prior to 1915 are for years ended June 30; thereafter, for calendar years. The Philippine Islands are included in Oceania prior to 1922 and in Asia for later years; therefore, Asia and Oceania are combined for the averages through 1925. For data by countries, see annual volumes of "Foreign Commerce and Navigation"

	1905–1909 [1]	1910–1914 [1]	1921–1925 [1]	1926–1930 [1]	1930	1931	1932
EXPORTS OF U. S. MERCHANDISE							
North America [2]	297.6	483.3	1,029.3	1,177.0	983.6	569.0	350.8
Crude materials	56.5	86.2	165.9	176.6	150.9	102.3	76.9
Crude foodstuffs [2]	20.8	31.5	127.3	115.1	59.5	35.9	18.5
Manufactured foodstuffs	39.3	54.7	112.7	100.2	83.4	47.7	28.3
Semimanufactures	35.9	70.4	122.6	161.8	137.9	80.4	50.1
Finished manufactures	145.1	240.6	500.3	623.3	551.9	302.7	176.9
South America	74.4	120.5	294.1	445.4	335.9	157.5	86.0
Crude materials	.8	2.7	7.9	7.1	4.7	3.3	2.1
Crude foodstuffs	.9	1.3	4.0	7.8	5.7	5.6	11.2
Manufactured foodstuffs	8.5	11.9	21.9	29.3	23.6	10.7	4.7
Semimanufactures	11.5	21.8	46.1	65.8	44.4	25.3	14.0
Finished manufactures	52.7	82.8	214.3	335.4	257.4	112.6	63.9
Europe [3]	1,178.0	1,333.8	2,279.5	2,206.6	1,815.5	1,166.2	786.5
Crude materials	459.7	594.9	873.5	773.1	537.2	296.9	292.9
Crude foodstuffs [3]	131.0	89.6	276.4	164.5	102.1	75.4	56.1
Manufactured foodstuffs	255.5	210.0	419.6	276.9	214.5	160.4	101.3
Semimanufactures	174.4	229.8	263.7	318.7	251.1	156.5	93.2
Finished manufactures	157.5	209.5	446.3	673.4	710.6	476.9	223.0
Asia [3]	139.0	168.2	637.7	572.7	446.6	384.2	290.5
Crude materials	17.2	27.1	135.0	172.3	121.6	157.8	136.8
Crude foodstuffs	2.8	3.1	13.9	11.2	9.9	9.3	3.3
Manufactured foodstuffs	15.1	15.2	36.7	37.7	32.6	23.2	14.8
Semimanufactures	14.2	17.1	96.4	89.7	62.2	45.8	31.2
Finished manufactures	89.6	105.8	355.6	261.9	220.3	148.1	104.4
Oceania				176.8	107.3	41.3	36.5
Crude materials				9.3	10.1	3.7	2.4
Crude foodstuffs				.7	.7	.4	.1
Manufactured foodstuffs				4.6	2.6	1.3	1.1
Semimanufactures				19.0	10.9	5.0	5.3
Finished manufactures				143.2	83.0	31.1	27.6
Africa	18.4	24.6	69.6	109.4	92.3	59.7	35.9
Crude materials	1.4	2.3	6.4	5.4	4.5	2.8	2.6
Crude foodstuffs	2.1	1.0	1.7	.6	.7	.4	.1
Manufactured foodstuffs	2.7	3.2	6.8	7.1	6.0	3.6	2.0
Semimanufactures	1.6	2.5	5.7	7.6	6.2	4.6	2.8
Finished manufactures	9.5	15.6	49.0	88.6	74.8	48.4	28.4
GENERAL IMPORTS							
North America	243.8	347.1	910.9	940.2	761.7	517.0	338.5
Crude materials	76.8	114.0	[4] 206.0	180.2	116.8	75.6	42.6
Crude foodstuffs	35.2	53.8	[4] 113.4	144.5	124.5	83.4	59.4
Manufactured foodstuffs	74.2	102.7	[4] 292.3	202.8	114.1	81.9	53.0
Semimanufactures	39.7	46.4	[4] 142.4	184.1	166.8	97.0	59.5
Finished manufactures	17.9	30.1	[4] 156.8	228.6	239.6	179.2	124.1
South America	148.1	206.9	421.3	545.8	433.5	307.2	200.9
Crude materials	57.2	78.9	131.6	170.6	145.0	79.7	47.0
Crude foodstuffs	70.5	95.6	197.7	272.6	204.5	168.8	132.9
Manufactured foodstuffs	2.6	3.2	8.7	13.1	14.4	7.2	4.1
Semimanufactures	16.9	26.8	78.1	84.6	63.2	45.5	14.4
Finished manufactures	.8	2.4	5.3	5.0	5.9	5.9	2.5
Europe	636.7	836.5	1,048.5	1,210.5	908.8	640.1	389.0
Crude materials	166.8	229.4	[4] 253.9	256.5	175.8	126.9	69.4
Crude foodstuffs	21.3	30.3	27.7	34.1	27.1	20.6	11.3
Manufactured foodstuffs	55.0	70.9	79.7	94.5	77.8	59.1	44.0
Semimanufactures	138.1	196.5	[4] 263.5	325.3	236.9	149.9	101.7
Finished manufactures	255.5	309.4	[4] 424.6	500.1	391.3	283.6	162.6
Asia [3]	213.1	275.8	996.9	1,192.6	856.5	574.3	362.5
Crude materials	113.1	161.0	655.3	785.4	509.3	329.6	184.0
Crude foodstuffs	20.7	23.0	34.0	37.7	31.4	23.8	20.0
Manufactured foodstuffs	19.5	17.5	[4] 66.9	81.6	82.3	71.7	71.7
Semimanufactures	23.3	37.1	[4] 108.7	142.0	116.3	70.9	36.8
Finished manufactures	36.5	47.2	[4] 131.9	145.9	117.2	78.4	49.9
Oceania				53.1	32.8	19.1	7.7
Crude materials				44.3	26.1	14.8	5.7
Crude foodstuffs				.3	.3	.2	.1
Manufactured foodstuffs				5.6	4.2	2.2	.9
Semimanufactures				1.7	1.0	.6	.3
Finished manufactures				1.2	1.3	1.3	.7
Africa	15.3	22.6	71.5	91.2	67.5	32.9	24.2
Crude materials	14.7	21.6	46.2	47.2	28.6	15.6	9.7
Crude foodstuffs	.3	.4	10.5	17.5	12.4	7.9	9.3
Manufactured foodstuffs	[5]	[5]	.6	.6	.7	.4	.3
Semimanufactures	.1	.3	13.1	24.3	24.1	8.1	4.2
Finished manufactures	.2	.2	1.1	1.7	1.7	.9	.8

[1] Average for period. [2] See headnote to Table 469 and Supplemental Table 470.
[3] "Asia and Oceania" for 1905 to 1925. [4] Revised. [5] Less than $50,000.

No. 472.—PER CENT EACH CONTINENT FURNISHES OR TAKES OF TOTAL TRADE IN EACH ECONOMIC CLASS

NOTE.—Percentages are based on data shown in Table 471, except calculations were made from the full figures. See also Supplemental Table 470

Continent	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1931	1932	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1931	1932
	Crude materials						Foodstuffs					
Exports (U. S. mdse.):												
North America	10.6	12.1	14.0	15.4	18.1	15.0	12.5	20.4	23.5	28.5	22.3	19.4
South America	.1	.4	.7	.6	.6	.4	2.0	3.1	2.5	4.9	4.4	6.6
Europe	85.8	83.4	73.5	67.6	52.4	57.0	80.6	71.1	68.1	58.4	63.1	65.2
Asia and Oceania	3.2	3.8	11.4	15.9	28.5	27.1	3.7	4.3	5.0	7.2	9.1	8.0
Africa	.3	.3	.5	.5	.5	.5	1.2	1.0	.8	1.0	1.1	.9
General imports:												
North America	17.9	19.2	[1]15.9	12.1	11.8	11.0	36.5	39.4	[1]48.8	38.4	31.4	27.6
South America	13.4	13.3	10.2	11.5	12.4	13.1	24.4	24.9	24.8	31.5	33.4	33.7
Europe	38.9	38.6	[1]19.6	17.3	19.8	19.4	25.5	25.4	12.9	14.2	15.1	13.6
Asia and Oceania	26.4	25.4	50.7	55.9	53.6	52.9	13.4	10.2	[1]12.1	13.8	18.6	22.8
Africa	3.4	3.6	3.6	3.2	2.4	2.7	.1	.1	1.3	2.0	1.6	2.3
	Semimanufactures						Finished manufactures					
Exports (U. S. mdse.):												
North America	15.1	20.6	22.9	24.4	25.3	25.5	31.9	36.3	32.0	29.3	27.0	28.3
South America	4.8	6.4	8.6	9.9	8.0	7.1	11.6	12.7	13.7	15.8	10.1	10.2
Europe	73.4	67.3	49.3	48.1	49.3	47.4	34.7	32.0	28.5	31.7	42.6	35.7
Asia and Oceania	6.0	5.0	18.9	16.4	16.0	18.6	19.7	16.2	22.7	19.1	16.0	21.1
Africa	.7	.7	1.1	1.2	1.5	1.4	2.1	2.4	3.1	4.2	4.3	4.5
General imports:												
North America	18.2	15.1	[1]23.5	24.2	26.1	27.4	5.8	7.7	[1]21.8	25.9	32.6	36.4
South America	7.7	8.7	12.9	11.1	12.2	6.6	.3	.6	.7	.6	1.1	.7
Europe	63.3	64.0	[1]43.5	42.7	40.3	46.9	82.2	79.5	[1]59.0	56.7	51.6	47.7
Asia and Oceania	10.7	12.1	[1]17.9	18.9	19.2	17.1	11.7	12.1	[1]18.3	16.7	14.5	14.9
Africa	[2]	.1	2.2	3.2	2.2	1.9	.1	.1	.2	.2	.2	.2

[1] Revised. [2] Less than one-tenth of 1 per cent.

No. 473.—PER CENT EACH ECONOMIC CLASS FORMS OF TOTAL TRADE WITH EACH CONTINENT

NOTE.—Percentages are based on data shown in Table 471, except calculations were made from the full figures. See also Supplemental Table 470

Class	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1931	1932	1905–1909, average	1910–1914, average	1921–1925, average	1926–1930, average	1931	1932
	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	18.0	21.9	1.1	2.2	2.7	1.6	2.1	2.2
Foodstuffs	20.2	17.8	23.4	18.3	14.7	13.3	12.7	10.9	8.8	8.3	10.4	16.6
Semimanufactures	12.0	14.6	11.9	13.8	14.1	14.3	15.5	18.1	15.7	14.8	16.1	14.6
Finished manufactures	48.8	49.8	48.6	53.0	53.2	50.4	70.8	68.7	72.9	75.3	71.4	66.6
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	14.6	12.6	38.7	38.1	31.2	31.3	26.0	23.4
Foodstuffs	44.9	45.1	[1]44.5	36.9	32.0	33.2	49.4	47.8	49.0	52.3	57.3	68.2
Semimanufactures	16.3	13.4	[1]15.6	19.6	18.8	17.6	11.4	13.0	18.5	15.5	14.8	7.2
Finished manufactures	7.4	8.7	[1]17.2	24.3	34.7	36.7	.5	1.1	1.3	.9	1.9	1.2
	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	25.5	38.2	12.4	16.1	21.2	24.2	37.9	42.6
Foodstuffs	32.8	22.5	30.5	20.0	20.2	20.5	12.9	10.8	7.9	7.2	8.0	5.9
Semimanufactures	14.8	17.2	11.6	14.4	13.4	12.2	10.2	10.2	15.1	14.5	11.9	11.2
Finished manufactures	13.4	15.7	19.6	30.5	40.9	29.1	64.5	62.9	55.8	54.0	42.1	40.4
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	20.2	27.4	[1]24.2	21.2	19.8	17.8	53.1	54.7	65.7	66.6	58.0	51.2
Foodstuffs	12.0	12.1	10.2	10.6	12.4	14.2	18.9	14.7	[1]10.1	10.1	16.5	25.0
Semimanufactures	21.7	23.5	[1]25.1	26.9	23.4	26.2	10.9	13.5	[1]10.9	11.5	12.1	10.0
Finished manufactures	40.1	37.0	[1]40.5	41.3	44.3	41.8	17.1	17.1	[1]13.2	11.8	13.4	13.7

[1] Revised.

No. 474.—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 469. Figures for 1910 to 1914

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1928	1929	1930	1931	1932
Grand total	2,165,818	4,397,027	4,777,314	5,126,357	5,240,995	3,843,181	2,424,289	1,811,018
North America [1]	501,096	1,071,959	1,233,033	1,331,367	1,395,064	1,019,226	690,826	365,578
1. Northern [1]	319,890	627,382	829,858	924,172	961,473	670,652	403,732	245,736
Canada [1]	315,044	619,017	819,471	914,713	948,446	659,094	396,355	241,351
Newfoundland and Labrador.	4,778	8,181	10,060	9,210	12,502	11,285	7,170	4,157
Miquelon and St. Pierre.	38	174	312	245	509	270	205	217
Greenland	----------	10	9	4	16	3	2	----------
2. Southern	181,205	444,577	403,175	397,195	433,590	348,574	187,094	119,843
Mexico	53,091	146,345	121,969	115,654	133,863	116,135	52,366	32,527
Central America	*37,569*	*58,733*	*73,522*	*82,117*	*90,756*	*68,239*	*46,669*	*30,464*
British Honduras	1,482	1,922	1,963	1,838	1,893	1,052	1,370	845
Costa Rica	3,437	5,139	6,913	8,088	8,313	4,554	3,523	2,435
Guatemala	2,834	7,214	10,773	13,314	11,525	7,305	5,196	2,820
Honduras	2,847	10,312	9,634	9,728	12,811	9,602	5,980	4,473
Nicaragua	2,442	5,284	6,494	7,357	7,031	4,869	3,565	1,993
Panama	22,451	22,807	35,441	34,201	41,133	35,900	23,552	15,600
Salvador	2,077	6,060	7,305	7,591	8,050	4,457	3,483	2,289
West Indies and Bermudas.	*90,545*	*239,494*	*202,684*	*199,424*	*208,969*	*164,100*	*88,059*	*56,851*
Bermudas	1,446	3,637	3,843	3,458	4,000	4,698	4,068	2,753
Barbados	[2] 1,467	1,591	1,497	1,531	1,388	1,358	957	525
Jamaica	[2] 4,974	8,537	8,535	8,141	9,131	8,374	5,562	2,815
Trinidad and Tobago.	[2] 3,320	5,176	5,705	4,717	6,736	6,239	2,885	1,651
Other British	[2] 2,945	5,446	5,626	5,635	6,002	4,705	3,117	1,978
Cuba	63,047	181,294	133,245	127,807	128,909	93,550	46,904	28,755
Dominican Republic.	4,411	15,282	14,742	16,807	14,190	9,271	6,010	4,630
Netherland West Indies.	864	3,095	14,621	13,622	24,167	24,020	9,049	6,470
French West Indies	1,633	2,630	2,745	2,597	3,358	3,108	2,175	2,334
Haiti	5,862	10,910	10,113	12,742	8,700	7,104	4,822	4,005
Virgin Islands of U. S.	854	1,894	2,020	2,277	2,298	1,673	1,250	930
South America	121,028	297,115	447,860	480,815	539,310	337,509	158,691	95,589
3. North Coast	13,075	43,965	88,849	99,055	96,478	60,171	33,126	21,910
Colombia	5,764	25,862	46,137	58,590	48,983	25,130	16,052	10,670
Guiana—								
British	1,808	2,094	1,315	1,348	1,100	1,045	725	384
Surinam (Netherlands).	723	983	1,112	1,034	897	867	619	544
French	294	450	156	157	173	162	85	84
Venezuela	4,486	14,576	38,129	37,920	45,325	32,967	15,645	10,229
4. East Coast	84,715	193,497	280,632	308,453	342,826	200,159	91,459	63,232
Argentina	47,169	117,002	165,222	178,899	210,288	129,862	52,652	31,133
Falkland Islands	1	4	44	80	6	8	107	1
Brazil	31,484	59,921	89,377	100,104	108,787	53,809	28,579	28,600
Paraguay	134	617	1,220	1,354	1,500	1,067	602	281
Uruguay	5,927	15,952	24,750	26,016	28,245	21,413	9,519	3,217
5. West Coast	23,239	59,653	80,369	75,307	94,006	71,179	34,108	11,447
Bolivia	915	3,049	5,052	4,951	5,985	4,219	1,775	2,103
Chile	13,870	30,132	45,887	40,351	55,776	46,374	21,452	3,508
Ecuador	2,424	4,930	5,545	6,595	8,069	4,866	2,934	1,754
Peru	6,030	20,942	23,900	23,410	26,176	15,720	7,935	3,962

For footnotes see p. 422.

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	1928	1929	1930	1931	1932	
1,688,874	3,450,103	4,033,469	4,091,444	4,399,361	3,060,908	2,090,635	1,322,774	**Grand total.**
347,136	910,902	940,194	960,702	981,529	761,711	517,041	338,522	**North America.**[1]
118,518	396,668	479,737	499,959	514,370	414,356	277,111	181,413	**1. Northern.**[1]
117,213	393,771	469,212	489,303	503,496	402,350	266,268	174,101	Canada.[1]
1,272	2,528	10,024	10,117	10,411	11,485	10,396	7,133	Newfoundland and Labrador.
7	37	61	90	28	66	4	5	Miquelon and St. Pierre.
[2] 33	333	441	449	435	454	443	174	Greenland.
228,617	514,233	460,457	460,743	467,159	347,356	239,930	157,107	**2. Southern.**
70,479	147,488	125,933	124,514	117,738	80,203	47,612	37,423	Mexico.
17,369	*36,357*	*43,609*	*45,345*	*44,771*	*38,628*	*31,001*	*24,466*	*Central America.*
1,435	2,421	3,093	2,851	3,336	2,682	1,541	625	British Honduras.
3,793	5,090	5,732	5,555	5,203	4,813	3,736	3,687	Costa Rica.
2,845	10,015	10,020	9,561	8,470	7,401	4,651	4,501	Guatemala.
2,756	5,957	11,151	12,289	12,333	12,600	11,870	9,004	Honduras.
1,420	4,987	4,993	5,490	5,748	3,522	2,382	1,964	Nicaragua.
3,781	4,635	5,483	6,398	5,351	4,735	4,590	3,530	Panama.
1,338	3,251	3,138	3,201	3,830	2,875	2,231	1,143	Salvador.
140,770	*330,388*	*290,914*	*290,884*	*304,650*	*228,486*	*161,317*	*95,231*	*West Indies and Bermudas.*
599	1,076	921	944	773	659	527	465	Bermudas.
[2] 308	351	499	437	493	499	551	309	Barbados.
[2] 6,140	6,878	8,425	8,000	7,528	7,763	6,262	3,234	Jamaica.
[2] 5,490	5,199	8,913	9,675	10,823	8,373	5,620	3,390	Trinidad and Tobago.
[2] 1,434	2,372	2,700	2,257	2,405	1,593	1,139	830	Other British.
122,077	299,605	207,920	202,842	207,421	121,949	90,059	58,330	Cuba.
3,617	8,138	8,850	9,372	8,465	7,255	5,126	3,380	Dominican Republic.
474	4,290	50 337	54,433	64,589	78,345	50,817	24,182	Netherland West Indies.
59	168	128	162	105	105	47	94	French West Indies.
794	1,651	1,352	1,567	1,445	1,123	760	611	Haiti.
221	660	869	1,195	603	768	409	405	Virgin Islands of U. S.
206,858	421,336	545,788	569,410	639,758	433,518	307,180	200,902	**South America.**
22,545	65,832	132,571	135,575	158,882	136,369	104,101	82,427	**3. North Coast.**
11,946	49,370	94,662	94,599	103,525	97,139	75,482	60,846	Colombia.
								Guiana—
494	675	934	914	830	739	812	476	British.
944	737	*1,115*	1,091	1,171	1,538	894	798	Surinam (Netherlands).
38	177	79	66	132	85	68	13	French.
9,122	14,873	35,782	38,905	51,224	36,808	26,845	20,294	Venezuela.
148,280	251,361	309,361	332,397	344,475	215,348	150,493	100,121	**4. East Coast.**
32,878	83,270	94,842	99,438	117,581	71,891	35,980	15,779	Argentina.
	468	22	3	2		269		Falkland Islands.
110,878	152,170	199,515	220,701	207,686	130,854	110,212	82,139	Brazil.
39	655	555	546	529	247	155	100	Paraguay.
4,485	14,799	14,427	11,709	18,677	12,354	3,877	2,104	Uruguay.
36,034	104,142	103,856	101,438	138,401	81,803	52,596	18,354	**5. West Coast.**
2	1,082	241	176	379	152	43	6	Bolivia.
22,881	77,186	75,059	75,160	102,025	54,813	39,977	12,278	Chile.
3,370	*6,859*	*5,736*	*5,345*	*5,830*	*5,554*	3,603	2,386	Ecuador.
9,780	19,015	22,819	20,757	30,167	21,284	8,973	3,685	Peru.

No. 474.—Exports (Including Reexports) and General Imports of Mer

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1928	1929	1930	1931	1932
Europe [1]	1,350,299	2,317,944	2,235,613	2,374,916	2,340,848	1,838,375	1,186,885	784,048
6. Northwestern and Central	1,222,899	1,980,627	1,878,271	1,975,049	1,942,134	1,513,279	966,448	670,013
Sweden	10,033	39,443	49,298	57,323	58,704	44,922	32,156	17,457
Norway	7,819	28,081	22,662	21,141	23,647	20,281	12,196	6,916
Denmark	15,393	42,615	49,608	47,173	51,442	40,243	29,740	11,990
Iceland	16	290	311	297	448	361	231	67
United Kingdom	567,592	[2] 939,412	837,219	847,326	848,000	678,105	455,974	288,320
Irish Free State		[4] 7,280	13,896	13,466	14,421	13,725	6,421	4,487
Belgium	63,117	111,284	105,040	111,830	114,855	86,000	59,441	40,278
France	138,841	265,196	244,606	240,692	265,592	223,900	121,820	111,561
Netherlands	104,575	138,228	131,901	142,278	128,295	104,915	65,590	45,254
Austria	[5] 20,581	2,211	4,663	5,978	5,331	4,751	2,613	849
Czechoslovakia		1,665	5,387	5,341	6,123	5,061	3,788	1,872
Hungary	[6]	330	1,828	2,734	2,328	1,337	687	232
Germany	304,098	383,219	400,364	467,260	410,449	278,269	166,050	133,417
Switzerland	833	7,198	10,888	12,210	12,499	11,349	9,672	7,300
7. Northeastern	25,882	58,267	103,572	109,487	116,131	133,246	113,874	23,226
Estonia		2,051	809	960	830	513	348	560
Finland	[3] 3,031	10,442	14,866	18,742	14,894	11,290	4,865	2,775
Latvia		3,047	1,190	1,070	2,320	805	387	153
Lithuania		67	220	335	184	274	199	164
Poland and Danzig		10,881	10,857	15,876	16,356	9,002	4,589	7,108
Soviet Russia in Europe	23,456	[6] 31,749	75,600	72,504	81,547	111,362	103,486	12,466
8. Southwestern	96,451	268,107	229,473	263,359	252,396	171,415	94,866	80,688
Azores and Madeira Islands.	214	987	1,256	731	1,031	1,293	325	107
Gibraltar	473	3,412	1,001	1,019	143	117	72	143
Italy	65,966	185,237	141,115	162,125	153,967	100,429	54,815	49,135
Portugal	3,610	8,005	12,456	12,771	15,135	12,069	5,683	4,014
Spain	26,189	70,465	73,644	86,613	82,120	57,507	33,971	26,688
9. Southeastern	5,068	30,943	24,298	26,521	30,180	20,435	11,697	10,120
Albania [7]								93
Bulgaria	165	745	623	649	1,053	589	176	249
Greece	873	17,153	13,699	13,853	16,741	12,522	7,578	7,764
Malta, Gozo, and Cyprus Islands.	378	1,381	1,083	805	1,288	897	510	309
Rumania	1,415	2,409	6,436	9,431	9,795	4,920	2,236	1,260
Turkey in Europe	2,225	8,058	[8] 2,945					
Yugoslavia [7]	[9] 12	1,198	1,276	1,783	1,303	1,507	1,197	445
Asia	121,042	498,853	573,973	654,514	643,215	447,987	386,352	292,052
10. Western	2,600	8,047	10,643	11,900	15,239	12,476	6,537	7,035
Aden	1,345	1,099	497	516	608	225	99	80
Arabia		362	1,170	322	426	336	208	76
Iraq				704	979	1,003	521	1,124
Palestine		3,129	4,070	1,506	1,405	1,370	904	1,673
Syria				3,078	3,581	2,414	2,035	1,460
Persia	132	950	1,805	1,531	2,430	2,743	1,057	1,082
Turkey in Asia [10]	1,123	[11] 2,508	3,100	4,242	5,810	4,385	1,713	1,539
11. Southern and Southeastern.	40,613	119,137	180,632	186,985	209,813	154,907	109,390	83,248
British India	10,904	38,188	53,512	53,694	55,359	45,195	36,698	24,915
Ceylon	[12] 413	[12] 1,463	2,584	2,746	2,847	1,796	1,258	737
British Malaya	2,876	8,030	12,049	11,816	14,641	9,601	4,735	2,497
Netherland India	3,008	17,242	33,850	34,445	45,650	29,408	15,323	7,816

For footnotes, see pp. 422 and 423.

CHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES—Continued

thousands of dollars]

Imports								Country
1910–1914, average	1921–1925, average	1926–1930, average	1928	1929	1930	1931	1932	
836,499	1,049,494	1,210,511	1,248,749	1,332,630	908,845	640,095	388,963	**Europe**[1]
723,829	884,987	1,005,460	1,054,460	1,105,988	745,775	517,664	302,775	**6. Northwestern and Central.**
9,530	34,073	47,302	46,086	52,986	45,525	34,271	24,480	Sweden.
8,086	18,498	21,694	21,726	21,235	18,224	16,820	10,439	Norway.
2,597	6,029	4,267	3,938	4,561	3,181	1,881	1,323	Denmark.
71	106	316	327	544	437	442	324	Iceland.
278,897	[3] 355,781	325,884	348,540	329,755	209,994	135,452	74,631	United Kingdom.
----------	[4] 1,269	2,794	1,273	4,260	5,364	2,303	371	Irish Free State.
40,360	58,335	70,137	75,074	74,048	51,536	34,241	21,927	Belgium.
130,130	147,875	152,766	158,748	171,485	113,775	79,174	44,738	France.
34,937	70,625	81,549	83,604	83,853	51,193	34,952	22,430	Netherlands.
[5] 18,077	4,097	10,433	12,121	12,235	7,780	4,108	2,611	Austria.
----------	17,373	34,505	36,783	46,129	29,584	23,162	13,021	Czechoslovakia
(5)	603	1,161	1,215	1,839	936	720	411	Hungary.
176,462	132,496	210,570	222,130	254,688	176,981	127,039	73,572	Germany.
24,682	38,843	42,083	42,895	48,350	31,265	23,099	12,493	Switzerland.
19,254	17,719	35,913	32,735	43,056	37,797	25,996	19,589	**7. Northeastern.**
----------	400	330	1,064	875	544	457	419	Estonia.
[3] 153	7,549	9,866	9,872	11,225	10,454	9,932	8,179	Finland.
----------	2,578	4,022	3,836	4,050	1,772	835	544	Latvia.
----------	265	527	410	533	226	207	63	Lithuania.
----------	2,369	4,053	3,604	4,853	2,838	1,954	1,256	Poland and Danzig.
19,131	[6] 4,557	16,615	13,949	21,520	21,963	12,611	9,129	Soviet Russia in Europe.
79,589	115,147	143,500	143,873	161,912	111,083	83,654	57,412	**8. Southwestern.**
267	2,495	1,587	1,615	1,445	1,465	837	800	Azores and Madeira Islands.
11	16	27	30	15	8	4	5	Gibraltar.
51,149	79,141	101,913	101,681	117,067	79,321	62,659	42,403	Italy.
6,552	3,855	5,541	5,329	7,326	4,027	3,533	2,798	Portugal.
21,610	29,639	34,432	35,018	36,059	25,362	16,621	11,406	Spain.
13,827	31,642	25,638	17,881	21,694	14,190	12,781	9,187	**9. Southeastern.**
----------	----------	----------	----------	----------	----------	----------	61	Albania.[7]
376	1,029	858	707	881	514	414	202	Bulgaria.
3,329	22,255	18,143	14,610	17,757	11,793	10,982	7,550	Greece.
18	160	153	121	186	38	23	14	Malta, Gozo, and Cyprus Islands.
248	266	659	677	559	314	564	921	Rumania.
8,859	7,421	[8] 10,688	----------	----------	----------	----------	----------	Turkey in Europe.
[9] 996	511	1,550	1,766	2,311	1,532	798	438	Yugoslavia.[7]
258,534	942,879	1,192,632	1,168,928	1,980,278	856,496	574,301	362,454	**Asia**
13,576	21,279	30,986	41,791	35,068	24,964	19,173	11,716	**10. Western.**
1,808	2,221	2,693	3,315	2,457	1,742	1,260	560	Aden.
} ----------	2,547	4,021	90	174	66	88	201	Arabia.
			5,744	6,241	3,765	3,321	1,905	Iraq.
} ----------	2,337	3,895	280	182	165	105	91	Palestine.
			4,681	5,200	1,791	1,857	806	Syria.
1,377	4,773	7,933	9,293	8,648	5,797	4,457	2,764	Persia.
10,392	[11] 9,402	11,544	18,388	12,166	11,638	8,085	5,388	Turkey in Asia.[10]
119,750	425,025	625,105	586,072	629,582	436,794	274,373	184,762	**11. Southern and Southeastern.**
[1] 56,356	109,020	136,869	148,932	149,332	104,148	58,521	33,204	British India.
[12] 9,966	[12] 27,059	36,106	30,737	32,437	20,707	10,906	5,915	Ceylon.
24,625	153,247	249,829	204,364	239,164	144,032	83,073	34,806	British Malaya.
9,194	54,962	87,467	86,142	82,301	57,890	34,240	29,827	Netherland India.

No. 474.—Exports (Including Reexports) and General Imports of Mer

[All figures in

Country	Exports (including reexports)							
	1910–1914, average	1921–1925, average	1926–1930, average	1928	1929	1930	1931	1932
Asia—Continued								
11. Southern and Southeastern—Continued.								
French Indo-China	243	1,079	1,886	1,738	2,525	1,549	967	1,484
Philippine Islands	22,596	51,927	73,688	79,805	85,530	64,935	48,883	44,968
Siam	481	1,199	2,391	2,638	3,162	2,305	1,313	683
Other Asia	1	19	72	103	99	58	213	146
12. Eastern	77,329	371,669	382,697	455,629	418,161	280,604	270,425	201,771
China	21,578	104,175	109,021	137,661	124,163	89,605	97,923	56,171
Hong Kong	9,137	17,810	18,043	21,977	19,566	16,987	14,380	9,695
Kwantung	676	6,735	7,531	6,246	11,841	6,405	2,176	1,186
Japan	45,290	241,877	246,036	288,158	259,127	164,570	155,715	134,545
Soviet Russia in Asia [13]	1,148	1,072	2,066	1,587	3,464	3,037	231	175
13. Oceania	47,716	141,426	177,239	180,033	192,022	107,719	41,574	36,774
Australia	38,722	111,273	139,072	141,440	150,110	76,990	27,167	26,817
New Zealand	7,791	28,198	35,841	36,825	39,461	29,827	13,479	9,254
British Oceania	206	606	1,316	1,509	1,433	1,055	404	249
French Oceania	754	1,065	1,010	1,259	1,018	847	524	454
Other Oceania	153	284						
Africa	24,638	69,729	109,596	116,713	130,535	92,365	59,961	35,974
14. Mediterranean	4,914	20,330	27,076	27,868	33,375	25,116	14,568	9,277
Algeria and Tunisia	[14] 2,357	[14] 7,329	8,273	8,725	10,848	8,270	4,520	2,720
Canary Islands	752	2,110	3,042	3,259	2,766	3,010	1,930	1,179
Egypt	1,688	8,221	11,084	11,059	14,026	8,904	5,269	2,707
Italian Africa	50	63	56	80	66	65	72	196
Morocco	51	2,445	3,091	3,669	5,019	4,160	2,431	2,142
Spanish Africa, n. e. s.	17	661	929	1,076	651	707	346	334
15. Other Africa	19,724	48,899	82,520	88,845	97,160	67,249	45,393	26,697
Ethiopia		10	24	21	25	51	36	38
Belgian Congo	34	469	1,083	771	1,382	1,302	828	487
British Africa—								
West	[15] 3,189	7,835	11,781	13,454	12,381	9,379	5,122	3,811
Union of South Africa.	12,910	31,369	53,108	57,016	61,130	38,078	28,306	15,811
Other British South Africa.				2,077	2,622	1,051	300	171
East	708	2,306	4,723	4,890	5,417	4,487	2,092	1,148
Liberia	96	213	492	597	400	316	177	107
Madagascar	18	130	409	313	654	433	337	326
French Africa, n. e. s.	(14)	[14, 15] 2,350	4,037	3,353	4,824	5,013	2,868	2,080
Portuguese Africa	2,770	4,687						
Mozambique			5,350	5,008	6,055	5,857	4,060	2,182
Other			1,513	1,345	2,270	1,282	1,267	536
Latin America (groups 2, 3, 4, and 5).	302,233	741,692	851,035	878,010	972,900	686,083	345,785	216,432
Far East (groups 11, 12, 13)	166,158	632,232	740,568	822,647	819,996	543,230	421,389	321,791

[1] See headnote and Table 469.
[2] Average, 1911–1914.
[3] Irish Free State is included in United Kingdom prior to 1925.
[4] 1925 only.
[5] Figures given under Austria are for Austria-Hungary.
[6] Includes Ukraine for 1921–1924.
[7] Albania included with Yugoslavia prior to 1932.
[8] Average for years 1926–1927. 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	1928	1929	1930	1931	1932	
								Asia—Continued
								11. Southern and Southeastern—Continued.
1	235	124	34	29	219	236	76	French Indo-China.
19,430	80,108	114,114	115,609	125,792	109,390	87,133	80,877	Philippine Islands.
110	301	477	254	527	400	263	57	Siam.
68	94	119			8	1	1	Other Asia.
125,208	496,675	536,541	541,065	615,629	394,738	280,755	185,976	12. Eastern.
35,323	142,035	140,506	139,951	166,233	101,464	66,759	26,177	China.
3,054	15,937	12,062	13,567	11,665	9,002	5,829	4,277	Hong Kong.
98	2,739	3,362	3,021	4,827	2,809	1,223	904	Kwantung.
84,999	335,384	379,632	384,450	431,873	279,040	206,349	134,011	Japan.
1,734	480	977	76	1,031	2,423	595	607	Soviet Russia in Asia.[15]
17,276	53,994	53,137	53,450	56,557	32,791	19,120	7,691	13. Oceania.
12,312	37,534	33,072	31,577	31,968	17,451	12,504	4,643	Australia.
3,758	13,321	16,632	19,208	20,834	11,621	4,433	2,158	New Zealand.
118	864	1,556	1,182	2,027	2,048	835	451	British Oceania.
1,048	1,489	1,877	1,483	1,728	1,671	1,348	438	French Oceania.
40	286							Other Oceania.
22,573	71,499	91,207	90,207	108,608	67,547	32,888	24,241	**Africa.**
13,096	36,232	38,027	35,619	48,489	19,309	6,963	6,783	14. Mediterranean.
[14] 733	[14] 2,096	4,229	4,938	4,352	4,019	1,818	1,211	Algeria and Tunisia.
139	249	581	835	511	444	256	191	Canary Islands.
16,887	33,471	30,092	28,687	39,675	13,590	4,017	4,849	Egypt.
106	21	35	22	76	63	110	54	Italian Africa.
232	394	1,089	1,136	1,845	1,193	762	472	Morocco.
		1	1				6	Spanish Africa, n. e. s.
4,477	35,267	55,181	54,588	62,119	49,238	25,925	17,457	15. Other Africa.
1	2	195	26	828	79	41	229	Ethiopia.
7	909	11,813	15,729	11,580	14,043	2,576	1,204	Belgian Congo.
[15] 749	12,843	23,245	22,168	30,000	20,316	12,476	8,932	British Africa— West.
} 2,463	9,292	10,875	{ 9,120	9,638	6,939	4,404	2,302	Union of South Africa.
			{ 61	18	33	86	108	Other British South Africa.
942	1,750	2,410	2,810	[13] 3,102	2,265	1,325	1,843	East.
2	29	180	104	101	52	29	5	Liberia.
33	207	246	217	326	307	143	96	Madagascar.
(14)	[14, 16] 775	1,817	1,201	2,466	2,590	2,296	1,343	French Africa, n. e. s.
280	9,615							Portuguese Africa.
		4,311	3,071	4,047	1,572	2,501	1,282	Mozambique.
		90	81	13	42	48	113	Other.
435,476	935,569	1,006,245	1,030,153	1,106,917	780,874	547,120	358,009	**Latin America (groups 2, 3, 4, and 5).**
262,233	975,594	1,214,783	1,180,587	1,301,768	864,323	574,248	358,429	**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. 475.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY GROUPS OF CUSTOMS DISTRICTS

NOTE.—Fiscal years to and including 1915; thereafter, calendar years. All figures except export figures for 1865 and 1870–1878 represent specie values; exports for those years represent mixed gold and currency values and hence do not agree with the specie values given for total exports in other tables. Exports and imports of the interior districts, a small percentage of the total, are not included in this table. See annual volumes of Foreign Commerce and Navigation for data for each customs district

[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, 047	16, 241	15, 043	31, 639
1871–1875	390, 885	501, 968	122, 077	20, 099	2, 719	1, 440	21, 581	26, 039	22, 818	28, 328
1876–1880	533, 477	425, 404	107, 452	12, 430	3, 114	1, 707	33, 460	30, 326	23, 028	22, 703
1881–1885	589, 552	572, 760	114, 719	13, 334	4, 431	2, 200	50, 742	40, 285	32, 549	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	207, 581	37, 652	25, 364	12, 931	81, 029	55, 747	126, 276	76, 141
1906–1910	1, 058, 483	1, 052, 156	408, 056	60, 901	33, 074	16, 980	86, 229	82, 813	192, 242	112, 757
1911–1915	1, 364, 240	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, 206, 415	1, 088, 592	233, 228	73, 526	17, 117	374, 062	421, 082	653, 761	456, 922
1920–1930	2, 224, 224	2, 675, 493	1, 082, 472	275, 442	92, 606	30, 003	526, 059	485, 671	825, 539	535, 040
1889	548, 011	609, 888	107, 600	17, 289	4, 401	8, 182	48, 847	51, 171	33, 543	51, 066
1890	628, 865	653, 535	141, 120	17, 821	5, 608	9, 353	45, 361	50, 993	36, 875	49, 540
1891	637, 454	607, 965	151, 941	23, 214	7, 541	11, 106	52, 583	53, 581	34, 962	49, 584
1892	753, 107	689, 458	174, 686	21, 750	6, 993	12, 501	55, 826	49, 988	39, 666	46, 010
1893	624, 278	717, 360	125, 592	24, 682	12, 152	13, 820	42, 230	48, 315	43, 413	52, 923
1894	670, 266	537, 644	126, 788	20, 681	7, 345	8, 229	34, 590	41, 241	53, 143	41, 693
1895	590, 393	613, 737	122, 138	16, 709	8, 955	2, 435	36, 061	40, 290	49, 991	51, 017
1896	635, 842	645, 204	131, 320	17, 548	10, 984	3, 687	44, 071	49, 174	60, 390	56, 153
1897	733, 205	639, 407	181, 269	19, 991	13, 999	4, 135	58, 925	43, 906	63, 596	50, 066
1898	862, 325	602, 146	201, 848	18, 063	12, 135	5, 065	74, 183	50, 264	80, 981	39, 478
1899	870, 765	676, 163	194, 390	17, 483	16, 820	4, 632	56, 204	45, 873	89, 404	45, 588
1900	963, 569	693, 113	234, 108	23, 693	22, 320	5, 378	70, 175	58, 916	104, 267	59, 948
1901	1, 002, 841	670, 622	285, 465	26, 670	21, 147	10, 142	69, 534	48, 203	107, 939	57, 120
1902	895, 445	724, 371	263, 079	31, 077	24, 221	13, 704	87, 515	54, 301	111, 441	67, 756
1903	904, 172	821, 252	285, 021	38, 378	25, 936	13, 377	79, 253	56, 475	125, 759	82, 054
1904	897, 106	770, 287	334, 795	43, 924	29, 261	12, 450	65, 723	57, 499	133, 942	83, 744
1905	917, 350	838, 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	55, 984	34, 925	16, 945	101, 770	66, 324	176, 685	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, 983	1, 018, 847	409, 631	59, 566	27, 136	18, 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	493, 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	123, 395	401, 998	153, 613
1914	1, 304, 199	1, 374, 621	566, 388	120, 372	16, 630	32, 503	136, 243	138, 151	341, 183	205, 273
1915	1, 739, 150	1, 212, 656	508, 435	102, 388	14, 801	20, 801	173, 686	168, 858	332, 020	164, 897
1915 (8 mos.)	1, 303, 840	638, 241	223, 556	44, 306	9, 786	13, 024	97, 319	105, 067	218, 381	105, 395
1916	3, 826, 421	1, 654, 404	624, 381	114, 298	23, 501	42, 970	337, 920	294, 973	670, 418	268, 982
1917	4, 287, 541	1, 708, 340	663, 341	144, 479	48, 420	46, 144	390, 024	339, 336	844, 186	404, 061
1918	3, 758, 942	1, 829, 544	776, 176	156, 300	47, 556	52, 414	538, 987	568, 563	1, 027, 428	403, 316
1919	5, 211, 140	2, 620, 614	1, 235, 148	220, 298	58, 021	35, 195	599, 000	463, 137	817, 116	529, 496
1920	4, 904, 606	3, 801, 048	1, 688, 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, 508	440, 266
1923	2, 070, 201	2, 534, 277	991, 864	237, 570	59, 564	20, 155	371, 572	480, 679	674, 231	486, 343
1924	2, 245, 602	2, 357, 723	1, 164, 452	281, 881	73, 253	20, 343	447, 311	477, 302	638, 946	441, 717
1925	2, 403, 680	2, 839, 389	1, 295, 444	300, 038	75, 759	23, 673	427, 475	520, 969	681, 437	507, 373
1926	2, 308, 548	2, 953, 131	1, 120, 944	325, 614	72, 331	26, 317	518, 888	546, 102	759, 473	543, 493
1927	2, 297, 148	2, 774, 503	1, 100, 918	285, 373	77, 120	27, 023	506, 125	510, 509	856, 284	555, 002
1928	2, 290, 374	2, 677, 130	1, 227, 767	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, 987	449, 260	343, 446	648, 128	427, 172
1931	1, 157, 773	1, 461, 408	502, 108	139, 074	47, 959	13, 857	303, 038	194, 948	389, 335	284, 791
1932	605, 222	914, 138	467, 085	93, 621	32, 794	7, 827	209, 026	130, 018	233, 680	168, 175

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 476.—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 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 475

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	13,861	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	433,960	477,123	56,495	43,284	98,725	12,390	27,214	377
1901–1905	102,378	80,132	511,464	507,139	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	1,907,949	100,406	205,098	93,543	109,108	73,099	17,814
1889	66,834	66,731	319,839	472,154	29,775	48,529	50,612	15,224	17,865	374
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	60,399	13,477	21,409	274
1897	100,857	90,178	391,680	480,604	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	302
1899	128,037	52,093	459,444	465,560	60,950	41,223	107,156	9,151	24,030	376
1900	112,196	72,196	518,834	537,237	78,400	51,866	115,530	19,045	38,252	430
1901	143,708	61,452	529,593	527,260	79,354	48,043	106,239	18,809	46,739	645
1902	102,404	71,921	490,362	559,931	80,383	47,750	80,533	22,825	41,525	672
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	100,925	30,085	64,840	1,503
1907	100,872	124,433	627,960	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	20,477	61,695	2,044
1909	76,158	112,473	607,239	779,309	84,266	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	60,553	146,599	917,936	1,048,321	76,315	93,210	116,474	32,895	58,235	4,402
1914	65,715	159,916	864,546	1,040,381	65,183	90,483	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	229,404	2,901,138	1,361,662	502,224	102,244	377,376	36,963	107,777	4,888
1918	221,315	295,915	2,560,857	1,294,415	425,072	115,011	309,717	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	1,484,085	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	100,241	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

[1]Period July 1, 1915, to Dec. 31, 1920.

No. 476.—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	3,532	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	13,583	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	5,809
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	170,038	78,668	241,254	7,611	82,712	24,321	10,341	32,000	102,360	20,967
1916–1920[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	363,033	201,668	548,254	31,598	209,103	136,663	11,865	48,914	202,545	93,297
1889	83,829	14,492	15,576	723	489	11,230	2,181	13,100	18,613	5,867
1890	108,127	14,658	24,447	416	588	9,726	2,481	13,590	19,399	5,389
1891	109,167	20,287	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	9,038	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	22,279	6,381
1898	112,827	9,664	68,429	1,166	14,571	5,385	7,489	10,141	23,606	5,002
1899	87,998	11,918	78,477	2,921	14,989	5,449	7,675	12,154	28,725	4,657
1900	115,859	17,491	86,658	1,454	24,206	6,959	5,212	15,310	32,559	5,353
1901	152,777	20,462	101,857	954	23,629	6,726	10,030	14,532	33,742	6,232
1902	134,487	23,763	96,722	909	25,121	8,233	5,093	16,861	34,735	7,630
1903	149,073	28,881	104,121	1,511	28,696	8,973	4,551	20,122	40,328	8,566
1904	148,595	34,037	145,316	1,848	35,601	7,980	2,322	21,088	41,688	8,480
1905	150,937	33,933	126,182	4,992	40,755	10,413	3,221	18,145	44,733	8,957
1906	150,479	39,465	166,318	5,019	44,207	10,132	2,581	22,210	57,750	10,998
1907	170,562	46,047	237,308	7,029	48,750	11,744	4,013	25,017	64,866	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	75,990	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	24,956
1915 (6 mos.)	91,583	35,976	92,370	2,814	50,015	20,126	7,835	14,018	84,852	14,225
1916	266,662	92,041	252,545	8,373	184,619	41,421	3,990	29,006	222,063	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	379,168	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	391,416	171,620	530,540	32,962	178,818	70,316	13,997	45,555	220,590	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	573,507	30,635	239,803	157,380	8,178	52,583	342,646	105,433
1930	273,358	137,040	396,640	21,767	170,193	117,402	6,586	39,542	239,358	75,959
1931	145,626	96,209	262,038	14,948	105,508	61,527	2,729	29,669	144,860	56,832
1932	128,169	66,553	244,509	10,773	67,274	37,627	4,975	21,238	85,076	38,095

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 476.—Exports (Including Reexports) and General Imports of Merchandise, by Principal Customs Districts—Continued

Year or yearly average	San Francisco		Washington		Year or yearly average	San Francisco		Washington	
	Exports	Imports	Exports	Imports		Exports	Imports	Exports	Imports
1860	4,868	7,367	-------	-------	1904	32,547	37,543	22,730	11,285
1865	9,988	15,802	633	12	1905	49,924	46,676	43,843	7,378
1870	13,992	15,983	428	35	1906	39,915	44,433	49,235	13,614
1871-1875	19,476	25,459	497	30	1907	33,027	54,095	43,659	25,353
1876-1880	27,718	29,798	486	33	1908	28,000	48,251	44,033	22,209
1881-1885	41,740	39,109	1,647	109	1909	31,669	49,998	25,788	26,960
1886-1890	33,035	44,344	2,708	417	1910	31,181	49,351	30,121	28,910
1891-1895	32,366	43,557	5,627	1,068	1911	40,625	53,885	39,361	36,655
1896-1900	36,607	40,443	13,948	6,399	1912	49,250	59,235	63,746	39,011
1901-1905	37,751	38,188	30,708	9,907	1913	66,021	62,502	62,548	51,474
1906-1910	32,758	49,226	38,567	23,409	1914	63,375	67,111	55,012	55,392
1911-1915	60,154	63,760	57,711	50,200	1915	81,501	76,068	67,888	68,467
1915-1920[1]	186,317	197,613	222,702	206,862	1915 (6 mos.)	41,807	42,200	46,161	55,933
1921-1925	158,275	155,500	110,361	214,213	1916	126,758	117,128	200,448	161,780
1926-1930	183,236	195,351	136,886	212,134	1917	175,136	231,979	196,932	289,078
1889	37,673	48,426	4,069	362	1918	214,695	245,519	296,166	300,954
1890	36,876	48,751	3,326	305	1919	240,518	238,027	292,274	195,919
1891	40,169	50,943	5,729	477	1920	225,828	211,928	192,880	134,079
1892	40,737	47,136	6,566	573	1921	129,111	97,129	90,327	58,539
1893	31,144	45,291	5,093	840	1922	145,099	170,815	90,071	218,218
1894	24,903	38,147	4,942	1,230	1923	160,432	166,685	116,088	262,156
1895	24,873	36,270	5,805	2,222	1924	173,442	146,335	134,760	270,284
1896	31,583	41,400	6,855	5,484	1925	183,292	196,537	120,557	261,870
1897	39,648	34,376	11,865	7,066	1926	186,773	210,139	147,570	261,880
1898	41,224	42,823	17,919	5,058	1927	174,556	199,999	129,513	239,284
1899	30,215	35,747	15,200	7,240	1928	201,265	198,275	150,817	229,024
1900	40,368	47,870	17,903	7,149	1929	206,018	212,678	153,874	216,774
1901	34,597	35,162	20,679	6,721	1930	147,568	155,564	102,655	113,708
1902	38,184	36,103	33,789	11,971	1931	112,257	85,776	67,269	55,344
1903	33,503	36,454	32,500	12,177	1932	82,903	58,228	36,996	35,289

[1] Period July 1, 1915, to Dec. 31, 1920.

No. 477.—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. Per cents 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
1907	40,246	11,124	27.64	31,306	15,350	49.03	67,149	21,882	32.59
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	54,093	11,222	20.74	18,142	6,805	37.51	31,836	6,990	21.96
1916	52,806	9,309	17.63	13,024	4,677	35.91	33,245	6,309	18.98
1917	65,614	12,056	18.37	13,531	4,614	34.10	33,914	7,038	20.75
1918	65,762	10,507	15.98	13,444	4,707	35.01	33,227	6,813	20.51
1918 (6 months)	27,216	4,308	15.83	5,783	2,065	35.71	16,622	3,451	20.76
1919	108,151	13,922	12.87	14,933	5,009	33.55	43,186	8,672	20.08
1920	120,320	15,335	12.75	30,257	9,241	30.54	83,337	16,677	20.01
1921	64,753	14,144	21.84	28,591	9,864	34.50	62,793	13,672	21.77
1922	88,471	22,102	24.98	40,526	14,001	34.56	82,105	20,468	24.93
1923	90,123	26,989	29.95	60,182	23,526	39.09	103,307	35,013	33.89
1924	77,015	24,492	31.80	54,481	22,098	40.56	96,768	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	110,452	33,910	30.70	55,304	27,014	48.85	154,022	54,654	35.48
1930	73,337	25,859	35.26	41,646	20,524	49.28	97,214	36,367	37.41
1931	52,913	20,279	38.32	25,694	13,421	52.23	58,518	23,062	39.41
1932	36,437	16,041	44.02	15,285	8,326	54.47	32,810	12,355	37.66

No. 477.—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
1907	24,472	3,701	15.12	92,784	60,339	65.03	29,959	26,125	87.20
1908	23,350	3,301	14.14	83,627	50,168	59.99	26,495	22,100	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	26,802	83.17
1915	4,457	709	15.90	157,571	49,608	31.48	29,490	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	37,390	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	920,407	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	147,069	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	16,115	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	71.40
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

Year	Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other beverages			Schedule 9.—Cotton manufactures		
1907	63,721	19,204	30.14	23,083	16,318	70.69	31,857	14,285	44.84
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	99,708	27,755	27.81	22,372	19,476	87.05	25,057	11,062	44.14
1914	122,305	24,817	20.20	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	1,028	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	270,003	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	36.45
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	28,663	13,595	47.44
1932	90,666	43,418	47.89	1,149	418	36.38	19,249	9,168	47.63

No. 477.—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
1907	114,124	49,891	43.72	62,832	36,561	58.19	38,817	20,314	52.33
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	13,605	51.54
1913	116,587	48,912	41.95	45,336	25,833	56.98	20,224	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	15,990	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	25,121	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	145,108	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	48,730	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

Year	Schedule 13.—Rayon, and other synthetic textiles and manufactures of [2]			Schedule 14.—Papers and books			Schedule 15.—Sundries [3]		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
1907				20,005	4,136	20.67	133,093	29,892	22.45
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	2,770	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	241,080	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

[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. 478.—VALUE OF PRINCIPAL ARTICLES

NOTE.—Specie values except for 1865, and 1870–1878; for those years mixed gold and currency values; thereafter. In some cases blanks represent entire absence

[All figures in thou

Year or yearly average	Meat products	Animal fats and oils	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	15,007
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	5,208	1,831	262	4,511	23,580
1881–1885	69,344	37,492	7,374	2,186	157,600	6,651	2,693	560	6,364	19,407
1886–1890	59,734	35,168	9,167	380	106,331	7,143	3,724	857	6,009	23,085
1891–1895	82,184	51,133	11,931	2,570	147,211	8,565	4,075	1,450	7,536	22,896
1896–1900	100,858	53,369	18,703	4,075	148,176	12,300	8,394	2,280	9,934	25,269
1901–1905	110,948	70,933	24,019	1,311	131,029	19,470	14,778	4,605	13,898	29,891
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 [2]	401,251	166,868	110,215	52,009	512,963	21,978	61,501	46,430	20,417	139,509
1921–1925	130,833	146,401	44,287	39,475	321,864	24,695	82,869	39,003	22,379	164,598
1926–1930	77,988	116,856	47,481	14,707	230,647	24,392	122,234	67,366	30,266	144,549
1889	59,727	35,982	9,515	172	86,949	6,928	5,072	832	5,966	18,901
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	6,026	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	42,690	16,431	3,675	115,835	9,611	7,739	1,927	9,215	24,711
1898	105,984	54,771	17,796	8,838	214,948	12,582	9,013	2,058	9,155	22,172
1899	110,410	60,579	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	68,220	21,321	1,333	166,231	18,724	10,827	3,659	12,587	27,656
1902	122,912	72,985	22,350	1,500	178,537	19,943	8,719	4,032	11,734	27,104
1903	106,199	72,258	23,514	3,157	191,552	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	38,116
1911	66,391	85,666	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	20,755	43,252
1913	68,018	88,573	42,384	1,282	142,208	29,444	37,079	14,325	20,471	49,354
1914	68,443	80,562	36,669	1,586	142,408	21,668	31,850	12,441	19,882	53,964
1915	131,850	78,720	65,229	16,150	428,422	28,879	34,933	14,768	11,127	44,494
1915 (6 mos.) [3]	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	99,566	80,817	27,960	384,272	15,810	35,332	34,788	14,401	45,574
1918	667,527	181,421	55,127	31,065	505,266	2,785	32,373	31,501	10,236	122,918
1919	697,707	326,200	218,784	74,211	650,351	36,041	126,265	53,866	31,434	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	145,955	31,787	44,589	550,752	24,489	70,157	30,786	11,449	205,133
1922	140,175	118,215	45,471	46,075	291,821	19,898	75,864	34,009	18,510	146,489
1923	153,677	158,520	42,834	29,021	204,641	19,831	68,619	36,972	24,320	153,439
1924	121,156	159,017	49,188	40,204	328,324	27,590	97,689	40,622	25,309	164,130
1925	127,033	150,298	52,155	37,484	233,784	31,666	102,015	52,630	31,809	153,787
1926	100,837	136,111	49,815	12,379	284,872	26,458	111,797	60,733	36,865	136,919
1927	71,011	110,760	54,003	39,913	324,836	30,186	121,665	70,691	34,335	139,667
1928	67,722	119,442	55,178	17,567	193,743	27,198	120,324	69,545	26,433	154,405
1929	78,756	124,066	42,943	3,698	192,292	28,414	137,467	76,953	30,998	146,083
1930	65,612	87,901	35,468	278	157,494	9,706	110,916	58,906	22,698	145,609
1931	35,653	60,550	25,612	101 [1]	84,227	11,181	109,329	36,711	14,304	110,780
1932	18,967	37,899	13,150	560	51,145	6,715	77,320	16,364	11,587	65,901

[1] Includes semimanufactures.

[3] Average for period July 1, 1915, to Dec. 31, 1920.

OF UNITED STATES MERCHANDISE EXPORTED

Figures are for fiscal years ended Sept. 30, through 1840, and June 30, 1850 through 1915; calendar years of trade; in other cases the item was not segregated

sands of dollars]

Cotton, raw	Cotton manufactures[1]	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
29,157	------	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	------	------	1,684	------	------	1860.
6,836	3,452	7,020	11,261	1,371	15,766	1,190	1,545	7,222	------	1865.
227,028	3,787	4,660	7,886	1,306	32,669	539	1,042	5,783	------	1870.
205,624	3,196	6,749	9,108	2,538	36,913	1,115	749	8,373	------	1871–1875.
183,530	10,047	7,840	7,924	2,474	43,808	1,185	2,564	8,357	------	1876–1880.
218,763	12,693	11,796	9,347	4,077	47,753	1,322	3,951	13,552	------	1881–1885.
224,614	12,423	13,376	8,846	5,747	51,151	1,922	7,309	13,662	------	1886–1890.
230,743	13,354	14,782	9,694	10,184	49,344	3,241	14,392	22,061	------	1891–1895.
220,894	20,494	22,390	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.[2]
804,985	133,052	85,078	30,846	131,112	405,051	166,776	129,761	320,348	177,164	1921–1925.
765,674	124,079	100,571	36,857	121,800	524,364	170,666	149,999	492,617	405,121	1926–1930.
237,775	10,213	15,977	10,205	6,714	51,943	2,056	9,867	15,934	------	1889.
250,969	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	12,203	62,156	18,973	33,005	44,438	------	1898.
210,090	23,567	23,591	13,939	14,294	63,078	29,207	36,424	61,117	------	1899.
242,989	24,003	28,614	16,506	20,737	84,214	38,534	58,862	78,020	------	1900.
315,105	20,272	32,370	15,415	23,751	77,970	40,455	44,614	73,489	------	1901.
291,598	32,108	27,546	16,330	22,486	81,162	25,686	43,820	67,510	949	1902.
317,065	32,216	33,681	19,110	23,119	76,665	21,418	40,595	76,202	1,207	1903.
372,049	22,404	42,106	18,256	30,044	87,920	30,832	58,119	83,841	1,896	1904.
381,399	49,666	36,533	17,956	31,387	87,582	45,402	87,564	88,748	2,481	1905.
401,006	52,944	44,115	20,511	30,652	92,850	51,183	83,179	108,379	3,497	1906.
481,278	32,305	58,237	20,969	37,741	93,887	55,451	96,601	125,255	5,502	1907.
437,788	25,178	53,339	22,825	42,074	112,857	57,320	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.).[3]
545,229	127,052	33,061	20,818	72,500	220,089	375,975	236,859	278,071	123,064	1916.
575,304	157,207	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	205,732	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	339,805	589,348	497,601	141,717	587,671	303,262	1920.
534,242	115,539	52,532	28,040	170,983	399,871	236,126	97,898	408,465	83,749	1921.
673,250	136,679	67,890	24,485	95,562	344,255	136,218	103,874	233,943	103,202	1922.
807,103	136,188	103,378	33,347	166,014	365,625	167,065	129,220	281,562	170,612	1923.
950,581	130,687	101,999	32,248	115,966	442,554	150,369	155,646	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.
920,003	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.
345,104	45,524	26,281	9,784	44,543	208,381	28,855	21,237	131,063	76,255	1932.

[3] July to December.

No. 479.—VALUE OF PRINCIPAL COMMODITIES

NOTE.—Specie values. Figures represent general imports; they are for fiscal years ended Sept. 30 entire absence of trade; in other

[All figures in thou

Year or yearly average	Hides and skins	Furs, and manufactures [1]	Fruits and nuts	Vegetable oils, expressed, and fats	Coffee	Sugar [2]	Rubber, crude	Tobacco, unmanufactured	Cotton manufactures [3]	Burlaps
1821	893	224	181	.....	4,490	3,554	.....	.....	7,391	.....
1830	2,410	306	520	18	4,227	4,631	.....	.....	7,865	.....
1840	2,756	423	1,405	263	8,546	5,581	.....	.....	6,504	.....
1850	4,799	1,014	1,191	922	11,235	7,556	.....	272	20,781	.....
1860	10,525	1,838	4,804	1,619	21,884	31,079	1,427	1,366	33,216	.....
1865	4,550	2,309	2,265	634	11,242	27,326	1,223	552	9,224	.....
1870	14,402	2,236	7,417	2,153	24,235	56,924	3,460	2,534	23,380	.....
1871–1875	16,649	3,704	10,987	1,097	43,737	76,754	5,391	4,725	31,263	.....
1876–1880	18,237	4,680	11,486	1,230	54,011	73,678	5,998	4,000	22,118	.....
1881–1885	25,179	7,286	17,880	1,697	48,257	87,906	12,732	6,188	31,739	.....
1886–1890	24,373	7,161	19,584	1,898	62,504	83,614	13,791	11,176	28,858	4,552
1891–1895	25,208	9,707	21,322	3,025	98,220	105,946	17,763	12,810	29,482	5,828
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	33,602	14,002	73,496	92,286	60,687	24,905	67,851	22,730
1911–1915	102,967	19,341	43,033	26,554	108,970	118,240	82,736	31,570	63,049	30,749
1916–1920 [4]	201,517	47,620	61,755	84,462	165,265	393,906	192,149	51,012	95,816	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
1889	25,128	7,416	18,746	1,805	74,725	83,544	12,387	10,868	26,806	5,384
1890	21,882	7,554	20,746	2,160	78,267	96,095	14,855	17,605	20,918	6,434
1891	27,931	9,829	25,983	2,198	96,124	105,728	17,856	13,284	29,713	5,506
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	27,803	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	4,402	52,468	100,251	31,377	13,297	41,541	10,606
1901	48,220	11,020	19,587	4,688	62,861	90,488	28,455	16,290	40,436	12,606
1902	58,007	15,624	21,481	6,626	70,982	55,061	24,899	15,212	44,956	15,532
1903	58,032	15,302	23,727	9,487	59,201	72,089	30,437	17,235	53,269	14,378
1904	52,006	14,763	24,436	7,829	69,552	71,916	40,444	16,939	50,370	14,631
1905	64,764	18,306	25,937	8,119	84,654	97,645	49,878	18,039	50,162	14,693
1906	83,882	21,856	28,916	9,688	73,256	85,460	45,114	22,448	64,399	20,084
1907	83,207	21,884	35,565	11,690	78,232	92,806	58,920	26,055	74,747	29,114
1908	54,770	15,918	36,874	12,309	67,688	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	35,661	21,639	69,194	106,349	101,079	27,751	68,053	21,448
1911	70,505	23,619	39,978	28,071	90,568	96,691	76,245	27,856	67,004	21,104
1912	102,476	24,986	42,567	25,157	117,827	116,515	93,013	31,919	65,175	24,369
1913	117,386	24,102	41,091	25,191	118,963	103,640	90,170	35,919	66,087	37,774
1914	120,290	13,836	51,026	30,650	110,725	101,486	71,220	35,029	70,723	42,421
1915	104,177	10,162	40,504	23,699	106,766	173,867	83,030	27,157	46,258	28,089
1915 (6 mos.) [5]	67,579	8,940	20,895	10,984	54,394	67,425	58,858	9,384	20,767	15,800
1916	172,603	21,060	44,749	40,081	118,813	227,319	159,745	26,856	54,609	39,089
1917	209,730	29,038	44,744	66,307	122,607	221,990	233,221	33,472	55,675	53,704
1918	108,044	34,194	48,722	111,312	99,423	241,390	146,378	54,080	40,701	80,279
1919	306,510	76,278	78,991	127,833	261,270	393,171	215,820	75,146	52,652	66,022
1920	243,878	92,399	101,551	108,026	252,451	1,015,188	242,796	81,630	137,583	89,359
1921	67,561	40,526	73,532	39,880	142,809	235,287	73,773	54,172	75,430	41,377
1922	107,039	68,614	72,499	59,042	160,854	251,905	101,843	66,000	87,070	49,256
1923	118,917	88,562	70,463	64,686	190,232	380,090	185,060	57,158	100,153	66,972
1924	75,052	88,299	72,335	59,667	248,828	363,656	174,231	75,362	90,914	59,390
1925	96,764	116,755	88,664	74,985	286,235	246,008	429,705	71,464	79,271	85,028
1926	96,811	119,650	87,560	79,060	322,746	232,534	505,818	60,570	67,159	82,238
1927	112,846	138,026	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	47,077	174,904	112,780	73,803	37,088	40,654	28,757
1932	22,493	28,495	44,270	29,264	136,812	96,718	32,538	23,027	27,502	16,908

[1] Includes fur hats beginning 1921; formerly classified as miscellaneous textile products.
[2] Includes sirups and maple sugar prior to Oct. 4, 1913. [3] Includes semimanufactures.

IMPORTED INTO THE UNITED STATES

through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent 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	29,496	30,514	7,707	1,107	2,882	.....	5,866	10,604	7,043	1896–1900.
24,687	17,429	44,815	12,147	3,027	3,539	.....	22,611	21,550	14,892	1901–1905.
40,132	21,235	66,202	21,112	7,729	6,708	.....	38,026	30,244	27,046	1906–1910.
42,664	22,777	80,079	21,884	16,254	12,952	8,077	46,129	41,493	39,631	1911–1915.
170,173	26,852	213,960	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.
17,975	52,565	18,544	9,610	.....	2,542	.....	483	7,014	4,956	1889.
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	10,439	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	5,065	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	14,586	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	19,548	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	3,808	.....	21,682	21,480	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	26,067	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.
171,567	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.
120,972	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.
86,540	59,414	365,787	63,844	63,292	85,334	88,485	66,829	46,302	45,123	1922.
120,711	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	124,555	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	35,889	81,109	147,461	145,116	104,616	60,411	59,151	1930.
22,372	22,905	191,290	20,319	60,887	125,623	92,741	48,744	36,731	44,733	1931.
6,029	12,699	113,882	10,913	46,903	94,135	60,630	23,735	16,478	17,858	1932.

[4] Average for period July 1, 1915, to Dec. 31, 1920.

[5] July to December.

No. 480.—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 two, three, and four 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	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
Total exports of domestic merchandise							4,310,221	4,687,788	5,157,083	3,731,172	2,377,962	1,576,161
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total							342,948	234,126	244,248	186,854	117,566	69,554
A. Animals, edible							6,698	1,981	1,651	1,086	546	368
Cattle—												
Bulls for breeding—number	97,292	1,523	2,106	1,200	1,441	959	4,985	224	298	225	165	75
Cows for breeding—do		4,029	1,376	1,069	936	697		398	229	150	155	54
Other cattle—do		7,885	3,937	4,740	1,727	1,958		319	146	191	79	87
Hogs (swine)—do	83,472	32,936	27,017	12,654	1,228	11,078	1,188	558	465	208	20	112
Sheep—do	36,407	12,233	15,431	6,335	2,436	4,123	275	180	212	67	31	9
Poultry, live—1,000 lbs	[1] 629	523	449	389	165	50	[1] 312	302	301	245	96	31
B. Meat products—do	838,927	425,286	445,529	380,301	253,305	191,013	139,833	77,988	78,756	65,612	35,653	18,967
Beef and veal—												
Fresh—do	4,725	2,408	2,918	2,853	2,083	1,633	779	503	662	634	444	293
Pickled or cured—do	23,339	13,876	10,825	14,671	13,022	9,868	2,342	1,591	1,321	1,537	929	629
Horse meat, pickled or cured—do				8,563	7,421	4,021				717	563	264
Pork—												
Carcasses, fresh or frozen—do	38,075	2,420	3,134	2,747	224	131	5,959	370	455	419	26	11
Loins and other fresh pork—do		10,845	10,405	14,826	9,323	8,002		1,966	1,714	2,619	1,344	698
Wiltshire sides—do		2,950	5,039	1,937				533	718	367		
Hams and shoulders, cured—do	296,758	135,289	125,797	120,170	84,885	65,218	53,709	28,478	26,462	23,703	13,078	6,737
Bacon—do	345,934	119,990	138,423	90,687	36,692	18,173	52,083	19,231	20,851	13,887	4,351	1,340
Cumberland sides—do		7,703	5,858	4,159	1,716	784		1,505	1,124	752	219	62
Pickled pork—do	33,785	33,427	44,787	30,628	15,789	15,259	4,301	4,860	6,403	4,205	1,576	1,031
Mutton and lamb—do	2,835	1,044	835	1,251	550	259	512	230	211	221	108	42
Sausage, not canned—do	7,686	3,807	3,724	3,282	2,618	2,037	2,106	1,115	1,124	961	638	366
Canned meats—do	[1] 15,911	16,418	17,252	17,946	15,342	11,420	5,551	5,752	5,962	6,305	5,025	2,358
Beef—do	2,807	2,323	2,606	1,710	1,478	1,003	710	838	945	668	481	244
Pork—do	2,898	8,865	10,240	12,197	11,246	8,713	927	3,313	3,695	4,411	3,852	1,795
Sausage—do	2,950	2,634	2,139	1,396	1,006	910	846	817	706	421	251	191
Other canned meat—do	[1] 7,538	2,596	2,266	2,644	1,612	794	3,069	785	615	804	441	128
Poultry and game, fresh—do	[1] 5,152	3,318	2,473	2,994	2,757	1,258	1,445	1,015	842	832	736	277
Other meats (including edible offal)—do	[1] 46,320	39,157	41,422	31,393	35,215	28,033	4,435	4,260	4,611	3,571	3,196	1,931
Sausage casings—												
Hog casings—do	29,927	32,632	12,905	13,924	11,004	9,701	6,610	6,578	3,490	3,000	2,004	1,567
Beef casings—do			16,820	16,583	12,701	13,621			2,366	1,596	1,094	1,121
Other casings—do			2,911	1,687	1,961	1,589			441	286	323	240

C. Animal oils and fats, edible—do	1,053,575	841,332	936,481	734,135	645,241	613,251	138,462	109,998	117,714	82,979	56,804	35,766
Oleo oil—do	105,534	72,631	68,209	56,483	47,323	42,409	12,770	8,607	7,501	5,871	3,309	2,491
Oleo stock—do	[1] 12,970	9,346	8,099	7,779	7,924	7,075	[1] 1,484	1,059	860	766	539	394
Tallow—do	26,356	5,977	3,840	5,594	2,665	2,511	2,126	507	327	398	171	113
Lard, including neutral lard—												
Lard—do	860,840	722,360	829,328	642,486	568,708	546,202	115,602	95,660	105,530	73,434	51,069	31,885
Neutral lard—do	22,959	18,867	18,539	13,531	9,588	5,951	3,351	2,671	2,447	1,631	929	386
Lard compounds, containing animal fats—1,000 lbs	18,683	6,070	3,632	2,436	1,646	1,094	2,316	736	457	291	173	80
Oleo stearin—do	[1] 8,353	5,183	3,931	5,133	6,842	7,534	[1] 926	568	440	478	540	364
Oleomargarine of animal or vegetable fats—1,000 lbs	2,144	900	902	692	547	474	367	141	152	110	74	53
D. Dairy products							30,100	17,447	17,914	14,386	11,024	6,072
Milk and cream—												
Fresh and sterilized—1,000 gals	[1] 112	124	180	189	101	36	166	77	104	108	70	33
Condensed (sweetened)—1,000 lbs	62,962	36,669	41,242	29,648	19,324	11,502	9,559	5,791	6,459	4,769	3,306	1,789
Evaporated (unsweetened)—do	142,143	70,086	68,943	60,811	55,761	39,305	13,687	7,075	6,844	5,612	4,609	2,526
Dried—do	5,450	4,314	5,342	6,223	12,790	3,558	862	1,114	1,367	1,455	1,538	692
Butter—do	7,680	4,080	3,724	2,954	1,934	1,605	3,149	1,877	1,750	1,233	637	391
Cheese—do	7,720	2,904	2,645	1,964	1,673	1,408	1,936	836	735	504	375	258
Infants' foods, malted milk, etc—do	[1] 2,258	2,389	2,126	2,471	1,698	1,450	742	677	656	705	490	383
E. Fish							17,961	19,941	23,501	17,174	11,380	7,657
Fresh—												
Salmon—1,000 lbs	[1] 4,319	3,305	3,582	3,350	3,989	5,299	466	523	546	553	534	484
Other—do	11,987	4,664	5,232	4,853	5,075	3,623	770	444	558	435	421	202
Shellfish, not canned—do	[1] 4,365	7,323	9,365	7,849	9,035	6,972	844	1,094	1,406	978	1,034	632
Fish, salted, smoked, or dry-cured—												
Salmon—do	[1] 1,326	2,866	3,790	1,696	3,636	1,470	[1] 275	656	938	402	375	157
Cod—do	[1] 5,587	3,181	2,937	2,029	1,021	890	[1] 613	357	367	258	109	94
Herring—do	3,955	2,010	2,170	1,299	1,252	665	235	127	139	86	71	34
Haddock, hake, and pollock—do	[1] 3,769	1,828	1,247	1,050	1,046	562	[1] 279	138	101	81	62	33
Other—do	5,631	1,737	1,698	1,521	788	638	492	167	197	146	73	36
Fish, pickled—												
Salmon—barrels of 200 lbs	22,791	10,014	4,545	4,442	4,718	9,666	1,124	517	251	243	198	281
Other—do	12,442	6,478	4,260	7,763	13,738	6,424	167	89	57	85	85	57
Fish, canned—												
Salmon—1,000 lbs	58,815	40,193	40,967	27,288	24,222	32,610	8,671	7,003	7,406	5,342	4,040	3,585
Sardines—do	[1] 41,924	91,625	123,920	103,226	53,247	26,645	[1] 3,570	7,205	9,419	7,139	3,446	1,542
Mackerel—do		[2] 2,596		2,596	1,550	1,409		[2] 191		191	111	79
Shellfish—do	[1] 4,588	4,135	4,857	3,781	3,126	2,234	659	857	1,007	749	565	321
Other canned fish—do		4,834	9,397	1,404	783	469	596	534	899	213	119	67
Other fish products—do		2,917	2,386	5,386	1,873	222	149	192	210	274	137	52
F. Other edible animal products							9,293	6,772	4,712	5,818	2,158	725
Eggs, in the shell—1,000 doz	30,337	21,237	12,075	18,579	7,684	2,319	8,661	6,139	4,081	5,061	1,742	504
Eggs and yolks, frozen, dried, canned—1,000 lbs	[1] 460	443	326	196	255	44	91	76	62	44	36	7
Meat extracts and bouillon cubes—do	[1] 298	177	135	147	106	56	[1] 438	370	400	319	240	113
Gelatin—do	[1] 351	273	270	263	227	182	[1] 238	187	169	194	140	101

[1] Average for years 1922–1925. [2] 1930 only.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE												
Total							109,633	119,077	117,492	90,988	61,769	36,195
A. Hides and skins, raw, except furs ..... 1,000 lbs.	54,765	51,646	37,746	34,435	35,592	42,405	7,562	9,022	6,797	4,943	3,068	2,240
Cattle hides ..... do	38,604	31,023	22,545	19,069	22,426	26,808	4,587	4,695	3,516	2,165	1,685	1,229
Calfskins ..... do	7,481	10,319	6,977	7,232	4,694	6,656	1,680	2,361	1,540	1,400	611	491
Sheep and goat skins ..... do	[1] 1,982	1,925	1,864	2,171	1,969	2,345	[1] 521	561	578	503	235	157
Other hides and skins ..... do	7,094	8,374	6,359	5,963	6,503	6,796	878	1,406	1,163	875	537	363
B. Leather							44,289	47,481	42,943	35,488	25,612	13,150
Upper leather (except patent)—												
Cattle, side upper—												
Grain ..... 1,000 sq. ft.	15,258	12,632	11,180	8,514	6,857	4,972	3,638	3,476	3,105	2,099	1,293	761
Black ..... do		2,504	1,687	1,638	1,380	1,170		654	460	373	229	150
Other ..... do		10,188	9,493	6,874	5,477	3,802		2,821	2,645	1,726	1,064	611
Finished splits ..... do		3,912	3,021	1,795	2,355	2,200		623	610	233	234	160
Wax and rough splits ..... 1,000 lbs.	3,490	2,911	3,465	1,343	1,370	454	887	1,278	1,636	523	453	117
Calf and kip ..... 1,000 sq. ft.	21,140	25,593	20,245	14,700	9,399	6,235	7,150	8,794	7,363	4,740	2,409	1,107
Black grain ..... do		5,192	4,253	4,627	2,209	1,871		1,831	1,610	1,542	539	315
Other grain ..... do		20,400	15,992	10,073	6,703	3,989		6,962	5,753	3,198	1,738	710
Suède ..... do					487	375					132	82
Sheep and lamb ..... do	[1] 7,074	7,769	8,218	5,761	8,494	4,107	[1] 857	1,005	1,087	608	682	252
Goat and kid upper leather (glazed kid) ..... 1,000 sq. ft.	39,319	46,984	41,828	43,455	35,068	22,466	10,968	13,787	12,640	12,534	8,733	4,362
Black ..... do		20,243	17,581	18,186	16,448	9,278		5,697	5,289	5,352	3,980	1,730
Other ..... do		26,741	24,247	25,269	18,620	13,188		8,090	7,352	7,482	4,753	2,632
Horse and colt ..... do	[1] 767	522	330	262	262	291	[1] 224	150	93	63	59	55
Other upper leather ..... do		2,171	1,799	1,437	1,349	1,164	1,330	627	523	408	314	212
Patent upper leather—												
Patent side upper leather ..... do	33,393	27,243	22,710	28,345	34,391	27,235	11,418	8,600	6,856	7,096	6,720	4,140
Goat and kid ..... do		2,468	1,935	1,995	1,249	222		1,118	876	854	456	72
Horse and colt ..... do		918	697	517	354	139		353	269	176	97	28
Other ..... do		1,007	834	1,100	373	315		321	246	268	70	55
Sole leather ..... 1,000 lbs.	17,839	10,276	9,950	7,970	8,723	2,139	4,704	3,041	2,736	1,787	1,536	341
Bends, backs, sides ..... do	[2] 7,551	3,687	2,669	1,719	2,087	542	[2] 2,595	1,550	1,170	657	607	141
Other (including offal) ..... do	[2] 11,136	5,722	6,311	5,381	5,809	1,439	[2] 1,916	1,178	1,220	819	668	149
Cut stock ..... do	[2] 1,052	868	970	870	827	158	[2] 394	314	346	311	201	51

Glove leather—												
Sheep and lamb	1,000 sq. ft.	[1] 1,335	1,022	938	594	432	100	285	165	163	92	52	12
Other glove leather	do.	[1] 4,982	5,090	5,024	4,127	2,654	1,843	[1] 723	936	908	928	645	507
Other leather—													
Harness, collar, and saddle	1,000 lbs.	[1] 159	104	85	41	48	25	[1] 78	53	42	18	19	9
Upholstery and automobile	1,000 sq. ft.	[1] 1,976	2,535	2,303	1,912	1,085	512	346	488	482	353	188	75
Fancy leather	do.	[1] 874	695	675	577	478	206	[1] 179	182	189	148	126	35
Case, bag, and strap	do.	[1] 537	488	650	500	341	211	[1] 158	147	203	147	80	45
Reptilian leather	1,000 lbs.		[2] 201		201	208	144		[2] 1,005		1,005	748	426
Other leather and tanned skins	do.		8,704	8,628	6,492	5,288	3,850	1,787	2,135	2,854	999	701	381
C. Leather manufactures								21,754	16,935	17,734	12,530	7,012	3,181
Leather footwear—													
Boots and shoes	1,000 pairs	6,921	4,589	4,281	3,127	1,780	847	16,992	10,999	11,049	7,748	3,934	1,552
Men's and boys'	do.	3,106	1,989	1,863	1,146	568	288	9,840	5,810	5,581	3,334	1,493	638
Women's	do.	2,188	1,805	1,732	1,599	978	427	5,063	4,332	4,704	3,992	2,199	798
Children's	do.	1,627	795	686	382	234	132	2,088	857	764	420	242	116
Slippers	do.	153	375	471	528	501	231	185	387	499	439	354	130
Athletic shoes, sandals, overgaiters, leggings, puttees, and other footwear	1,000 pairs	[1] 118	66	55	29	40	22	[1] 152	106	100	56	64	28
Leather gloves	doz. prs.	25,559	17,009	23,455	16,907	15,300	14,034	155	160	203	156	125	41
Harness and saddles								588	308	233	164	61	31
Traveling bags and suitcases	number	[1, 4] 98,886	53,294	30,456	16,222	8,577	6,183	[4] 329	185	106	89	52	25
Pocketbooks, handbags, cigarette, key, pass, and similar leather cases	1,000 pieces	[1] 548	470	517	282	184	247	[1] 261	450	575	288	171	105
Leather belting, new	1,000 lbs.	1,008	1,204	1,294	886	581	408	1,682	1,854	2,038	1,416	824	512
Other leather manufactures								1,492	2,487	2,871	2,126	1,427	757
D. Furs and manufactures								22,507	31,347	35,674	27,447	19,322	13,473
Undressed	1,000 pieces	[1] 13,768	16,835	18,492	21,665	19,561	16,981	18,755	25,819	29,113	22,136	14,882	11,176
Fox	do.	[1] 140	107	109	65	79	98	[1] 966	2,044	2,800	1,934	1,311	1,026
Muskrat	do.	[1] 3,667	4,117	5,088	8,365	7,033	6,880	[1] 2,638	4,150	5,446	4,950	3,249	2,759
Raccoon	do.	[1] 162	57	57	37	49	13	[1] 569	363	370	268	213	44
Skunk and civet cat	do.	[1] 3,240	2,627	1,986	2,509	1,915	2,071	[1] 7,322	5,570	4,705	4,446	2,625	2,280
Opossum	do.	[1] 2,946	5,194	5,413	5,962	5,033	5,254	[1] 2,832	6,038	8,782	4,709	3,108	2,986
Other undressed furs	do.	[1] 3,612	4,733	5,839	4,727	5,452	2,665	[1] 5,884	7,654	9,010	5,839	4,376	2,081
Dressed on the skin—													
Fox	do.		27	20	13	12	4		576	648	331	200	44
Muskrat	do.		59	85	104	219	37		63	97	55	77	14
Skunk and civet cat	do.	[1] 3,279	27	29	5	24		3,177	67	81	9	29	1
Opossum	do.		97	148	67	64	38		134	215	59	38	22
Other dressed furs	do.		1,821	1,871	2,168	1,359	823		2,804	2,879	2,770	1,579	862
Fur wearing apparel (except fur felt hats)	number		5,302	7,425	8,686	5,335	1,857	[1] 182	194	298	223	133	35
Fur waste, pieces, and damaged skins	1,000 lbs.	[2] 761	1,448	1,560	1,432	1,711		[3] 396	1,345	1,807	1,391	2,055	1,100
Other fur manufactures								[1] 240	344	537	472	329	222
E. Animal oils and greases, inedible	1,000 lbs.	[1] 82,986	78,203	70,199	72,505	84,335	63,963	8,079	6,955	6,447	4,996	3,828	2,198
Neat's-foot oil	do.	[1] 1,387	1,295	1,335	1,330	1,022	803	[1] 226	217	226	209	142	92
Other inedible animal oils	do.	2,717	916	352	1,377	1,144	1,928	300	94	96	108	74	105

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1923–1925. [4] Trunks are included for 1921.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE—Continued												
E. Animal oils and greases, inedible—Continued.												
Fish oils—1,000 lbs.	864	916	1,120	1,079	1,598	1,477	140	94	95	72	82	65
Grease stearin—do.		2,438	1,729	3,172	3,850	1,428		233	174	271	228	74
Oleic acid, or red oil—do.	13,159	2,931	3,862	1,515	1,068	876	1,314	263	358	131	68	37
Stearic acid—do.		1,491	1,357	471	367	511		176	188	58	35	42
Other animal greases, and fats—do.	[1] 69,886	68,215	59,934	63,561	75,286	56,940	6,143	5,878	5,310	4,146	3,199	1,783
F. Other inedible animals and animal products							5,443	7,336	7,897	5,585	2,925	1,954
Animals							3,327	3,770	4,137	3,157	1,031	546
Horses—												
For breeding—number.	13,105	569	231	154	117	107	1,358	248	300	141	113	44
Other—do.		10,746	7,358	5,318	2,944	2,068		816	722	571	324	165
Mules, asses, burros—do.	15,215	16,994	15,295	12,126	3,667	1,408	1,559	1,908	1,813	1,447	358	167
Fur animals—do.		[2] 9,484		9,484	5,295	658		[2] 634		634	57	19
Other live animals							410	671	1,302	364	179	151
Bones, hoofs, and horns, unmanufactured—1,000 lbs.	[1] 5,131	1,989	1,704	1,567	1,439	1,515	210	76	64	55	38	22
Feathers, crude, not dressed—do.	[1] 4,300	7,353	10,083	8,580	7,642	6,067	355	698	1,066	701	472	306
Feathers, dressed, and manufactures of							[1] 248	177	216	147	121	54
Glue of animal origin—1,000 lbs.	2,390	2,449	2,888	1,995	1,233	940	384	421	506	409	248	151
Sponges—1,000 lbs.	121	110	124	105	68	62	139	159	152	164	85	67
Wax manufactures—do.	[1] 1,562	1,373	567	384	108	79	368	267	126	84	32	29
Other animal products, inedible							463	1,767	1,630	868	898	779
GROUP 1.—VEGETABLE FOOD PRODUCTS AND BEVERAGES												
Total							674,083	519,651	509,308	354,085	256,831	171,983
A. Grains and preparations							474,262	318,570	286,357	191,343	106,045	66,917
Barley—												
Grain—1,000 bus. of 48 lbs.	21,274	28,527	29,523	9,874	7,851	7,043	18,598	24,383	24,155	7,122	5,390	2,869
Malt—1,000 bus. of 34 lbs.	5,072	2,982	3,381	2,085	692	239	5,773	3,074	3,334	1,940	653	213
Buckwheat—1,000 bus. of 48 lbs.	215	186	191	8	341	300	254	195	213	9	226	165
Corn—												
Grain—1,000 bus. of 56 lbs.	73,180	20,481	33,745	6,369	2,700	7,886	55,349	19,537	34,059	5,985	1,860	2,815
Meal and flour—1,000 bbls. of 196 lbs.	568	330	267	208	178	150	2,535	1,611	1,330	1,007	677	398
Hominy and corn grits—1,000 lbs.	[1] 87,440	17,078	14,384	6,181	9,422	11,895	[1] 1,570	353	305	144	156	141
Corn breakfast foods ready to eat—do.	[1] 5,860	7,279	6,157	5,105	2,329	1,207	[1] 403	559	525	414	218	123
Oats—												
Grain—1,000 bus. of 32 lbs.	13,972	8,032	6,609	1,501	2,121	3,486	7,313	4,066	3,389	696	532	762
Oat meal, flaked and rolled oats—1,000 lbs.	121,738	82,298	81,246	38,710	44,688	24,165	4,630	4,277	4,220	2,846	2,308	1,284

Rice—												
Grain, do	316,330	226,777	315,441	213,066	208,681	196,735	11,878	8,962	12,129	8,526	6,477	4,341
Flour, meal, and broken rice, do		63,430	70,594	45,488	65,491	60,457		1,791	1,981	1,211	873	637
Rye—												
Grain, 1,000 bus. of 56 lbs	34,453	13,216	3,434	266	121	1,096	38,938	14,637	3,613	235	59	549
Flour, barrels of 196 lbs	112,447	21,780	14,764	8,261	12,054	2,909	536	130	85	44	42	11
Wheat—												
Grain, 1,000 bus. of 60 lbs	159,222	116,155	90,130	87,774	80,311	54,879	228,342	152,145	111,501	88,093	49,771	32,684
Flour, 1,000 bbls. of 196 lbs	15,049	12,650	13,663	13,060	9,654	5,795	93,522	78,502	80,791	69,401	34,456	18,460
Bread, biscuits, cakes, and crackers, 1,000 lbs	11,327	11,238	10,618	9,474	5,269	3,887	1,658	1,974	2,031	1,613	908	596
Plain, not sweetened or flavored, do		7,063	6,743	6,925	4,020	3,118		1,063	1,115	995	616	420
Sweetened or flavored, do		4,175	3,875	2,549	1,249	769		912	916	618	292	176
Macaroni, spaghetti, and noodles, do	[1] 7,674	9,236	10,740	8,719	4,613	3,208	[1] 622	791	925	704	341	215
Wheat breakfast foods, ready to eat, do	[1] 6,118	3,353	1,962	1,089	892	631	[1] 478	325	182	139	114	81
Wheat breakfast foods, to be cooked, do			1,242	1,170	1,007	764			141	124	141	70
Cereal foods, n. e. s., do	[1, 6] 9,577	3,024	4,639	2,508	3,596	3,316	[6] 1,530	355	496	289	28	207
Other grains and preparations							950	900	952	801	560	296
B. Fodders and feeds							26,736	27,368	33,190	11,623	14,278	11,512
Hay, tons	36,576	11,625	11,073	5,216	5,319	2,499	747	256	267	118	95	53
Oil cake and oil-cake meal, 1,000 lbs	1,165,577	1,199,315	1,278,525	511,391	910,992	640,889	24,095	24,392	28,414	9,706	11,181	6,715
Cottonseed cake, do	403,867	393,002	324,641	66,147	282,363	224,874	8,387	7,513	6,967	1,141	2,777	1,914
Linseed cake, do	553,808	568,669	711,684	360,593	444,058	251,615	12,149	12,465	16,604	7,046	6,390	3,283
Other oil cake, do	22,370	31,479	58,981	21,419	93,742	50,680	347	515	973	285	946	451
Cottonseed meal, do	156,065	183,310	149,352	37,186	66,191	90,227	3,196	3,410	3,128	700	729	759
Linseed meal, do	20,607	17,809	22,808	21,676	18,238	16,847	451	385	514	445	285	256
Other oil-cake meal, do	[1] 11,075	5,046	11,059	4,370	3,400	6,646	[1] 206	103	229	89	54	52
Kafir and milo, 1,000 bus. of 56 lbs		[7] 1,365	2,695	33	1,738	7,529		[7] 1,187	2,338	30	803	3,252
Mixed dairy feeds, tons of 2,240 lbs		[5] 1,920	2,071	1,770	1,827	1,318		[5] 79	82	77	74	38
Mixed poultry feeds, do		[5] 5,200	4,836	5,564	5,555	2,329		[5] 265	255	275	212	79
Oyster shells, do		[6] 46,151	42,749	49,553	53,189	50,428		[5] 470	444	496	511	379
Prepared and mixed feeds, do	14,644	24,010	14,231	6,775	5,382	3,199	578	930	595	384	385	185
Other feeds, including screenings, do	23,416	26,708	26,275	16,422	39,003	48,825	717	751	795	536	957	811
C. Vegetables and preparations							19,086	22,057	25,329	19,525	12,712	7,604
Beans, dried, 1,000 bus. of 60 lbs	815	393	291	247	242	159	3,005	1,394	1,162	844	531	311
Peas, dried, do	95	142	114	86	68	56	418	587	484	365	258	150
Vegetables, fresh—												
Potatoes, white, do	3,056	2,349	2,735	1,899	1,060	912	3,823	2,956	3,223	2,212	901	557
Onions, 1,000 bus. of 57 lbs	675	552	580	528	562	435	1,082	744	787	563	577	304
Other fresh vegetables, 1,000 lbs	[1] 90,212	160,564	199,045	189,727			3,212	5,184	6,340	5,872	4,228	2,577
Vegetables, canned, do	[1] 49,378	80,959	93,813	67,707	40,708	25,881	4,902	7,820	9,454	6,721	4,148	2,362
Asparagus, do	[1] 8,923	16,639	22,846	14,977	13,372	10,880	[1] 1,532	2,533	3,547	2,285	1,934	1,352
Baked beans, and pork and beans, do	[1] 7,172	12,436	7,665	9,696	7,209	3,426	[1] 616	979	667	549	417	167
Corn, do	[1] 4,598	6,360	8,366	6,112	3,149	1,354	336	484	629	404	252	91
Peas, do	[1] 4,120	6,444	8,385	6,891	4,541	2,090	[1] 386	566	740	603	401	166
Soups, do	[1] 13,878	24,524	28,751	19,553	5,818	1,466	1,460	2,316	2,723	2,014	649	174
Tomatoes, do	[1] 7,683	5,508	4,674	3,617	3,165	4,691	477	363	340	263	185	253
Other canned vegetables, do	[1] 3,005	9,054	13,126	6,861	3,454	1,974	563	579	808	513	310	159

[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
C. Vegetables and preparations—Continued.												
Pickles, Ketchup and other tomato sauces, Other sauces and relishes (1,000 lbs.)	[1] 10,816	3,361 8,998 3,152	4,136 11,014 3,732	2,790 7,070 3,414	1,685 4,955 1,967	1,157 2,618 1,477	1,691	309 1,209 670	386 1,490 770	296 789 691	199 490 398	115 232 245
Vinegar (1,000 gals.)	199	279	319	291	345	214	85	151	168	177	160	66
Yeast (1,000 lbs.)	[1] 2,846	3,588	3,584	3,714	3,094	2,889	728	664	653	677	560	498
Other vegetable preparations							[1] 176	367	412	317	253	189
D. Fruits and nuts							82,868	122,234	137,467	110,918	109,329	77,320
Fruits and preparations							81,465	120,781	135,987	109,671	108,191	76,532
Subtropical fruits—												
Grapefruit (1,000 boxes)	[1] 316	744	976	859	1,341	1,022	[1] 998	3,060	3,620	3,690	3,961	2,396
Lemons (do.)	210	265	266	206	258	218	997	1,342	1,410	1,008	1,107	819
Oranges (do.)	2,088	3,336	5,512	2,236	4,349	3,120	8,465	14,135	18,746	11,468	13,255	7,112
Pineapples (boxes)	[1] 36,504	50,862	50,791	29,091	53,043	28,125	[1] 145	162	149	96	155	61
Other fresh fruits—												
Apples in boxes (1,000 boxes)	[1] 4,909	8,102	9,453	9,577	9,966	10,220	[1] 11,400	17,418	20,671	18,542	17,608	13,102
Apples in baskets (1,000 baskets)						310						409
Apples in barrels (1,000 bbls.)	1,493	2,502	2,468	2,091	2,606	2,130	7,988	12,408	12,467	10,123	11,552	8,816
Berries (1,000 lbs.)	[1] 9,668	11,226	14,729	7,266	7,089	6,154	952	1,163	1,425	908	742	438
Grapes (do.)	[1] 19,630	55,082	47,307	48,999	28,876	28,337	[1] 1,242	2,121	2,464	2,122	1,461	1,060
Pears (do.)	[1] 49,627	77,493	70,183	121,211	103,416	112,607	2,421	4,515	4,832	6,170	4,510	3,994
Peaches (do.)	[1] 15,082	17,411	19,957	12,734	10,897	3,603	[1] 639	666	806	492	339	106
Other fresh fruits (do.)	[1] 35,253	52,900	58,955	59,430			1,913	1,909	2,070	1,899	1,559	701
Dried and evaporated fruits (do.)	[1] 287,970	459,929	431,999	437,267	502,942	420,340	25,571	33,279	34,281	28,035	28,934	19,502
Dried fruits for salads (do.)		[2] 10,044		10,044	16,729	14,521		[2] 722		722	905	677
Pears (do.)		[3] 5,594	4,576	6,613	7,444	5,870		[3] 586	573	600	575	382
Raisins (do.)	84,548	163,551	149,687	123,105	135,754	115,454	8,188	10,170	8,390	6,310	7,925	5,665
Apples (do.)	21,304	31,781	37,889	29,939	36,361	31,629	2,478	3,563	4,633	3,067	3,144	2,008
Apricots (do.)	20,444	20,860	21,265	22,322	36,547	33,138	3,245	3,345	3,515	2,820	3,840	2,449
Peaches (do.)	6,855	7,217	7,786	6,638	9,392	7,331	693	766	842	581	762	429
Prunes (do.)	127,730	217,528	197,228	235,037	257,800	210,204	9,637	13,575	14,838	13,566	11,521	7,783
Other (do.)	[1] 11,702	14,747	13,569	3,569	2,915	2,193	1,330	1,480	1,480	369	172	109
Canned fruits (do.)	[1] 210,101	287,510	307,367	252,794	282,219	264,268	20,253	25,554	31,365	24,330	22,423	17,525
Grapefruit (do.)					8,295	6,919					623	407
Berries (do.)		[3] 9,810	12,684	6,566	7,758	5,361		[3] 1,054	1,308	766	789	382
Apples and apple sauce (do.)	[3] 13,470	17,651	22,963	15,048	18,594	19,560	[3] 799	986	1,185	823	848	779
Apricots (do.)	[3] 32,126	28,086	30,246	23,142	22,636	24,315	[3] 2,776	2,682	2,948	2,077	1,711	1,518
Cherries (do.)	[1] 1,720	1,880	2,069	1,409	855	597	[1] 277	304	353	225	117	65
Prunes (do.)	[3] 2,684	2,644	2,616	1,842	1,219	1,057	[3] 306	277	264	196	105	85
Peaches (do.)	[1] 62,198	80,501	90,041	71,451	76,861	82,907	5,525	7,040	8,316	6,103	5,487	4,823
Pears (do.)	[1] 53,906	60,872	56,075	56,903	85,279	72,357	5,918	6,195	6,242	5,493	6,214	4,726

Pineapples ... do	[1] 26,321	43,090	46,153	37,790	24,473	17,389	2,767	4,049	4,557	3,613	2,053	1,240
Fruits for salad ... do	[5] 31,108	33,875	28,340	33,811	32,173			[5] 4,620	5,140	4,099	4,248	3,367
Other canned fruits ... do	[1] 33,784	12,494	10,644	9,703	2,438	1,633	3,712	1,331	1,052	985	228	133
Preserved fruits, jellies, and jams ... do	[1] 2,011	2,064	2,413	1,491	808	531	449	390	455	292	157	91
Other fruit preparations ... do	8,258	23,061	23,915	5,085	5,760	4,135	917	2,659	1,225	407	428	310
Nuts ... do	[1] 11,153	10,494	10,900	9,875	12,077	13,297	1,403	1,453	1,481	1,248	1,138	786
Peanuts ... do	7,707	4,464	4,880	2,960	1,842	7,107	578	383	408	246	139	202
Other nuts ... do	[1] 5,142	6,031	6,020	6,915	10,235	6,190	826	1,069	1,073	1,000	999	584
E. Vegetable oils and fats, edible ... do	90,329	27,868	25,729	27,882	29,695	21,356	10,085	3,511	3,256	3,158	2,781	1,383
Coconut oil, refined ... do					2,781	1,977					209	107
Cottonseed oil, refined ... do	[10] 74,244	11,876	6,783	11,903	12,845	10,913	[10] 7,623	1,313	837	1,168	1,162	650
Soya bean oil ... do	1,708	5,416	7,967	4,962	4,551	2,647	164	562	768	488	410	123
Corn oil ... do	4,404	580	315	613	776	960	548	81	42	87	102	63
Cocoa butter ... do	1,619	846	428	361	457	855	447	265	126	83	80	101
Vegetable-oil lard compounds ... do	[1] 12,577	6,279	6,343	6,354	4,348	2,404	[1] 1,628	857	867	845	531	221
Other edible vegetable oils and fats ... do		[8] 3,588	3,893	3,689	3,837	1,600		[8] 542	617	487	287	118
F. Cocoa and coffee ... do	[1] 35,232	19,091	11,751	12,956	11,061	7,766	7,294	5,527	3,507	3,328	2,655	1,704
Cocoa, powdered ... do	[1] 7,719	2,623	2,909	2,257	2,130	1,616	767	365	447	343	270	192
Chocolate, including sweetened ... do		936	892	752	705	478		214	204	163	128	76
Coffee, green ... do	26,775	12,209	3,728	6,010	5,361	3,504	5,716	3,481	930	1,293	1,081	512
Coffee, roasted ... do	1,551	2,164	2,997	2,717	1,850	1,293	447	758	1,118	779	504	335
Coffee extracts and substitutes ... do	[1] 749	1,159	1,225	1,220	1,015	875	[1] 454	709	761	760	672	589
G. Spices and food flavors							827	724	747	648	396	273
Spices ... 1,000 lbs	[1] 1,542	1,850	1,914	3,068	1,203	883	204	261	298	292	152	114
Flavoring extracts [11] ... 1,000 gals					32	20	623	463	449	356	244	159
H. Sugar and related products							51,526	18,052	17,524	11,764	7,423	4,488
Sugar, refined ... 1,000 lbs	882,928	214,102	205,278	155,627	105,155	98,008	39,926	7,268	6,104	3,807	2,238	1,551
Molasses ... 1,000 gals	4,253	7,950	8,577	10,227	6,919	640	622	722	769	1,000	371	81
Confectionery—												
Chocolate ... 1,000 lbs	11,349	1,993	2,096	1,721	1,152	905	2,103	582	622	495	294	208
Other ... do		11,390	11,848	8,809	6,579	3,949		1,939	2,054	1,405	916	514
Chewing gum ... do	[1] 3,143	3,820	3,616	3,692	2,790	1,527	1,292	1,624	1,547	1,438	1,120	621
Honey ... do	3,357	8,585	8,676	3,686	4,183	4,720	362	765	775	324	303	262
Glucose (corn sirup) ... do	175,229	119,088	118,523	71,804	62,239	42,946	5,464	4,065	4,412	2,636	1,855	1,053
Grape sugar (corn sugar) ... do	7,874	6,965	7,239	3,010	2,516	1,842	274	245	269	118	92	64
Sirup, including maple ... 1,000 gals	5,166	2,829	3,176	1,612	811	525	1,485	842	973	541	234	114
I. Beverages							1,399	1,610	1,932	1,779	1,213	801
Malt extract and sirup ... 1,000 gals	240	465	467	443	296	129	166	390	399	369	259	111
Distilled liquors ... 1,000 pf. gals	238	191	383	27	31	14	641	87	169	13	16	7
Mineral waters, natural and artificial ... 1,000 gals	[1] 216	201	196	162	108	70	[1] 180	179	189	156	95	60
Fruit juices, sirups, and flavors for soda fountain ... 1,000 gals		[5] 362	323	400	336	400		[5] 620	607	633	505	540
Other beverages and fruit juices [11] ... do	[1] 279	487	427	478	261	75	448	706	568	607	338	83

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for 1923–1925. [4] 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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD												
Total							278,084	290,407	303,844	263,455	186,357	114,520
A. Rubber and manufactures							39,003	67,366	76,954	58,906	36,711	16,364
Rubber, reclaimed—1,000 lbs	4,747	20,507	27,666	21,210	15,626	7,921	486	1,598	1,938	1,234	724	312
Rubber, scrap and old—do	16,486	43,150	56,349	52,898	53,258	49,112	768	2,089	2,516	1,734	1,129	781
Rubberized automobile cloth—1,000 sq. yds		[5] 1,615	1,971	1,259	908	506		[5] 811	1,011	612	394	206
Other rubberized piece goods and hospital sheeting—1,000 sq. yds		1,687	1,659	1,342	1,229	665		795	741	592	480	215
Rubber footwear—												
Boots—1,000 pairs	487	1,126	1,511	968	720	112	1,166	2,495	3,148	2,063	1,547	223
Shoes—do	1,481	2,283	3,398	2,097	875	216	1,369	2,418	3,736	2,433	717	139
Canvas shoes with rubber soles—do	[1] 3,832	5,415	7,463	4,041	1,414	333	[1] 2,883	3,716	5,005	2,642	888	174
Rubber soles—1,000 doz. prs		[7] 1,473	160	135	88	23	754	1,496	425	389	225	51
Rubber heels—do			1,475	1,188	767	329			1,048	820	489	192
Rubber water bottles and fountain syringes—1,000 pieces		383	463	467	394	220		239	303	238	182	74
Rubber gloves—doz. pairs		96,610	122,138	120,668	90,278	55,191	978	277	318	307	221	118
Other druggists' rubber sundries								422	407	339	332	273
Rubber balloons—1,000 gross		[8] 688	815	751	657	294	[9] 1,135	943	880	768	594	245
Rubber toys and balls									195	137	109	43
Bathing caps—1,000 dozens	[9] 164	162	182	159	115	45	[9] 296	356	389	340	226	80
Rubber bands—1,000 lbs		925	483	567	508	280		597	256	262	180	82
Rubber erasers—do			577	507	401	262			368	308	239	152
Hard rubber goods—												
Electrical hard rubber goods—1,000 lbs	[1] 752	1,388	1,978	1,251	1,325	1,024	[1] 256	271	261	172	145	102
Other hard rubber goods							[1] 500	388	440	360	228	103
Tires—												
Casings, automobile—thousands	[1] 1,392	2,387	2,796	2,505	1,771	908	16,288	30,092	33,480	27,767	18,093	7,777
Truck and bus—do		[5] 370	287	453	398	187		[5] 8,808	7,555	10,062	7,575	3,001
Other automobile—do		[4] 2,280	2,509	2,052	1,373	721		[5] 21,815	25,924	17,705	10,518	4,776
Tubes, automobile—do	[1] 1,133	1,581	1,899	1,590	1,151	574	1,949	3,232	3,410	2,694	1,541	601
Other casings and tubes—do	[1] 104	99	200	101	89	32	292	272	591	249	205	73
Solid tires—												
For automobiles and motor trucks—number	[1] 91,972	64,148	44,759	24,601	11,898	7,820	2,213	2,049	1,301	796	375	194
Other—1,000 lbs	[1] 1,148	1,664	1,639	1,513	1,701	1,317	[1] 290	378	297	256	223	163
Tire sundries and repair materials							[1] 574	1,609	1,687	1,280	815	492
Rubber and friction tape—1,000 lbs		1,492	1,795	1,500	1,122	636		438	511	415	296	147

Rubber belting	do	[1] 3,447	4,808	5,670	4,298	3,191	1,486	1,852	2,675	3,056	2,195	1,382	623
Rubber hose	do	[1] 4,402	7,438	9,384	7,292	4,753	2,591	1,769	2,678	3,130	2,448	1,388	677
Rubber packing	do	[1] 1,628	2,351	2,593	1,971	1,275	956	742	1,096	1,183	877	525	351
Rubber thread	do	[1] 1,179	1,583	1,699	1,627	1,586	1,249	[1] 1,326	1,792	1,721	1,613	1,206	733
Other rubber manufactures								3,141	2,681	3,203	2,566	1,612	961
B. Naval stores, gums, and resins								22,379	30,266	30,998	22,698	14,304	11,587
Naval stores—													
Rosin	1,000 bbls.[12]	1,088	1,270	1,438	1,264	1,061	1,098	11,278	20,008	20,442	14,266	8,059	6,255
Gum rosin	do		1,105	1,241	1,070	907	938		17,596	17,706	11,880	6,923	5,345
Wood rosin	do		165	197	194	154	160		2,412	2,737	2,386	1,136	910
Gum spirits of turpentine	1,000 gals	10,636	14,271	16,304	15,142	12,214	10,940	9,988	8,392	8,530	6,612	4,813	4,410
Wood turpentine	do	[1] 508	824	881	832	692	529	[1] 408	459	435	410	298	229
Tar and pitch of wood	barrels [12]	[13] 23,518	19,964	25,503	11,895	9,564	5,855	[13] 244	218	270	127	92	58
Other gums and resins	1,000 lbs	[1] 2,171	4,253	4,687	4,905	4,440	3,682	[1] 679	1,188	1,319	1,282	1,043	636
C. Drugs, herbs, leaves, and roots, crude								3,174	3,341	3,690	2,576	2,413	1,193
Ginseng	1,000 lbs	168	194	234	203	265	171	2,031	2,421	2,766	1,877	1,922	853
Other crude vegetable drugs	do	[1] 5,837	4,880	4,449	4,704	3,837	3,681	1,143	919	924	699	491	340
D. Oilseeds	do	3,244	2,875	5,926	2,075	13,936	250,295	178	140	246	91	232	2,398
E. Vegetable oils								5,999	8,208	7,788	6,518	4,328	4,241
Expressed oil and fats, inedible—													
Coconut oil	1,000 lbs	14,579	23,132	29,532	25,107	15,307	21,581	1,316	1,907	2,329	1,791	761	780
Cotton seed oil, crude	do	[1] 27,999	31,115	19,292	16,394	9,733	44,855	[1] 2,474	2,581	1,551	1,228	582	1,445
Linseed oil	do	2,820	2,171	2,208	1,592	1,094	842	364	267	288	214	111	60
Vegetable soap stock	do	[1] 6,307	10,955	7,633	16,952	24,894	18,303	[1] 374	647	544	971	1,052	563
Other expressed oils and fats	do		7,495	8,127	3,861	4,534	1,808	832	788	641	321	346	82
Essential or distilled oils—													
Peppermint	do	120	183	222	233	230	262	511	701	705	700	438	455
Orange	do		[5] 36	43	28	12	22		[5] 110	160	59	28	30
Pine	1,000 gals		[6] 413	480	346	391	435		[5] 215	234	195	224	246
Other	1,000 lbs	[1] 1,028	2,786	2,180	996	1,363	1,175	698	1,197	1,246	1,039	782	580
F. Dyeing and tanning materials								2,272	2,205	2,329	1,898	1,689	1,483
Dye extracts—													
Logwood extracts (include hematine crystals)	1,000 lbs	[1] 2,072	2,111	2,025	1,846	1,602	960	349	213	208	193	165	103
Other dye extracts	do	[1] 2,000	695	520	289	551	587	472	87	66	36	44	44
Dyeing and tanning materials, crude	tons	2,692	1,595	928	724	1,717	4,135	96	70	52	39	36	42
Tanning extracts—													
Chestnut	1,000 lbs	[1] 8,297	5,949	5,065	1,975	1,634	4,026	[1] 268	183	134	77	59	92
Other (vegetable and chemical)	do	[1] 22,535	31,598	35,201	28,919	28,089	33,299	1,141	1,651	1,869	1,553	1,285	1,202

[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. 430.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 2. VEGETABLE PRODUCTS, INEDIBLE—Contd.												
G. Seeds, except oilseeds—1,000 lbs	[1] 83,006	28,743	26,891	28,868	20,468	18,885	3,822	3,486	3,302	3,804	2,307	1,488
Field and garden seeds—												
Alfalfa—do	[1] 780	915	826	833	218	1,565	[1] 138	189	168	193	43	159
Red clover—do	2,935	676	524	535	670	268	611	144	91	96	99	22
Other clover—do		668	427	709	257	319		133	75	79	52	32
Timothy—do	17,183	13,520	9,195	15,829	10,476	10,891	1,262	880	590	1,244	736	432
Other grass seeds—do	4,610	6,284	8,194	6,419	5,190	3,509	747	974	1,078	1,123	643	266
Other field seeds—do		2,931	3,214	2,269	1,297	964	1,092	254	190	140	56	43
Vegetable and flower seeds—do		3,719	4,511	3,274	2,360	1,340		914	1,109	924	680	534
H. Nursery and greenhouse stock							439	676	913	726	392	223
Flowers, cut							110	171	215	153	105	66
Fruit stock, cuttings, or seedlings—thousands		2,713	3,948	2,872	1,055	457	329	165	189	155	87	53
All other nursery or greenhouse stock, plants, and bulbs								340	509	419	200	104
I. Tobacco and manufactures							187,219	183,311	165,579	158,208	119,488	72,810
Tobacco, unmanufactured—1,000 lbs	502,969	545,676	585,902	579,704	524,470	411,159	164,595	144,540	146,083	145,609	110,780	65,901
Leaf tobacco—do	487,157	535,348	555,347	560,958	503,545	387,766	163,883	144,116	145,763	144,593	109,628	64,982
Bright flue-cured—do	[2] 241,259	366,638	410,837	397,695	388,252	255,311	[2] 98,352	114,217	116,933	113,386	88,993	49,161
Burley—do	[3] 6,472	9,215	5,336	9,624	8,919	12,342	[3] 1,747	1,650	1,203	2,073	1,588	1,386
Dark-fired Kentucky and Tenn—do	[3] 146,027	100,217	79,777	105,440	67,971	79,393	[3] 25,908	16,004	15,528	17,931	10,081	6,848
Dark Virginia—do	[3] 33,258	20,173	24,122	15,379	11,430	14,370	[3] 13,831	4,735	4,434	4,067	2,564	2,505
Maryland and Ohio export—do	[3] 14,935	13,175	11,577	9,721	7,549	10,169	[3] 2,839	2,358	2,465	2,227	2,323	2,343
Green River—do	[3] 16,038	13,831	10,362	7,919	5,347	4,389	[3] 3,550	2,515	2,233	1,911	1,459	709
One-sucker leaf—do			3,213	2,789	1,477	997			716	491	162	118
Black fat, water baler, dark African—do		[3] 3,962	5,655	8,074	8,673	9,977		[3] 836	1,229	1,709	1,673	1,587
Cigar leaf—do	[3] 912	2,075	4,409	4,153	3,794	696	[3] 470	640	999	724	725	273
Other leaf tobacco—do	[3] 37,608	6,856	60	164	133	122	[3] 9,532	1,328	25	74	60	52
Stems, trimmings, and scrap tobacco—do	15,811	10,327	10,555	18,746	20,925	23,393	712	433	319	1,016	1,152	919
Tobacco manufactures							22,624	18,762	19,495	12,597	8,709	6,908
Cigarettes—millions	10,182	8,344	8,456	4,927	2,968	2,417	19,631	16,137	16,706	10,187	6,751	5,329
Chewing tobacco, plug and other—1,000 lbs	3,538	3,624	3,886	3,024	2,604	2,000	1,775	1,774	1,944	1,426	1,114	843
Smoking tobacco (including cigar cuttings)—1,000 lbs	2,386	1,128	1,120	1,335	1,046	854	931	727	734	893	775	605
Other tobacco manufactures—do		264	198	139	80	62	288	124	111	91	69	131

J. Miscellaneous vegetable products								13,593	11,406	12,046	8,030	4,597	2,734
Starch—													
Cornstarch and corn flour	1,000 lbs.	250,075	214,430	235,042	153,702	87,719	52,052	7,069	7,165	8,858	5,361	2,787	1,400
Other starch	do.	15,592	8,232	3,779	1,844	1,607	794	460	289	182	110	85	44
Broom corn	tons	4,122	4,283	4,371	4,403	4,033	3,355	668	556	597	531	310	199
Brooms	dozens	[1] 19,367	17,718	18,705	17,167	14,697	8,208	112	91	89	81	57	30
Hops	1,000 lbs.	18,286	10,051	7,677	7,640	3,797	3,007	4,830	2,242	1,384	1,144	591	598
Other inedible vegetable products								454	1,063	936	803	767	463
GROUP 3.—TEXTILES													
Total								997,187	954,913	979,225	639,907	423,757	408,804
A. Cotton, unmanufactured	1,000 bales	6,639	8,287	7,581	6,597	6,956	9,059	804,985	765,674	770,830	496,798	325,667	345,164
	1,000 lbs.	3,420,430	4,328,362	3,981,509	3,492,234	3,666,956	4,803,143						
Raw cotton, except linters	1,000 bales	6,528	8,112	7,418	6,480	6,851	8,916	801,370	759,985	764,760	493,632	323,795	343,182
	1,000 lbs.	3,363,726	4,227,832	3,884,766	3,421,987	3,602,989	4,714,631						
Long staple (1⅛ inches or over)—													
Sea-island American-Egyptian (Pima)	1,000 bales		[5] 4	5	3	1	1		[8] 671	849	493	67	37
	1,000 lbs.		2,088	2,493	1,682	336	240						
Other	1,000 bales		378	574	229	161	221	235,711	89,318	62,413	20,555	8,963	8,793
	1,000 lbs.	1,150,598	458,897	300,403	115,911	83,225	115,945						
Upland, (under 1⅛ inches)	1,000 bales	[1] 5,382	7,232	6,339	6,248	6,689	8,695	[10]707,074	670,399	701,498	472,584	314,765	334,352
	1,000 lbs.	[2] 2,766,410	3,768,101	3,581,870	3,304,394	3,519,428	4,598,445						
Linters	1,000 bales	111	175	163	117	105	143	3,615	5,690	6,070	3,166	1,873	1,982
	1,000 lbs.	56,704	100,530	96,743	70,247	63,967	88,517						
B. Cotton semimanufactures	do.	88,293	107,562	108,163	76,093	67,991	108,364	15,395	21,237	23,897	15,007	9,815	9,276
Cotton pulp	do.						36,821						2,101
Cotton-mill waste	do.	59,245	66,157	59,130	44,914	44,296	45,113	6,739	6,561	6,744	4,211	2,897	2,167
Cotton rags, except paper stock	do.	13,559	16,207	21,096	12,741	8,995	8,754	967	1,145	1,542	885	638	430
Cotton batting, carded cotton, and roving	1,000 lbs.		[7] 389	446	306	427	154		[7] 71	86	51	62	22
Cotton yarn—													
Carded yarn, not combed	do.	15,489	13,507	13,919	8,164	6,773	9,743	7,690	4,585	4,682	2,407	1,492	1,648
Combed yarn	do.		11,458	13,672	9,967	7,499	5,770		8,903	10,843	7,452	4,725	2,908
Mercerized	do.		[8] 10,102	12,046	8,690	6,477	5,135		[8] 8,445	10,039	6,840	4,353	2,693
Not mercerized	do.		[8] 1,911	1,526	1,277	1,022	635		[8] 961	804	612	372	215
C. Cotton manufactures								117,657	102,842	111,218	73,677	50,255	36,248
Cotton thread and cordage—													
Sewing thread	1,000 lbs.	[1] 1,400	1,113	1,054	939	868	840	1,660	1,136	1,150	1,099	836	694
Crochet, darning, and embroidery cotton	1,000 lbs.	[1] 186	104	83	45	22	9	[1] 202	125	97	52	32	13
Twine and cordage	do.	[1] 3,558	4,266	4,588	3,445	2,612	2,318	[1] 1,569	1,629	1,812	1,286	758	537
Cotton cloth, duck, and tire fabric	1,000 sq. yds.[14]	524,982	521,180	564,447	416,285	366,959	375,447	79,875	72,288	79,413	51,385	35,783	27,357
Tire fabric—													
Cord	do.		2,980	4,970	946	685	889		1,296	2,217	356	222	229
Other	do.		1,265	1,355	559	594	557		413	473	212	151	63

[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.
[14] Stated in thousands of linear yards prior to Jan. 1, 1922.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	15,120	9,808	8,149	6,196	4,229	4,391	5,233	3,023	1,838	995
Heavy filter, paper dryer, hose, and belting duck.....1,000 sq. yds		[7] 586	689	429	452	382		[7] 372	422	242	257	112
Unbleached (gray).....do	7,451	9,679	10,295	7,101	6,025	4,902	3,410	3,201	3,435	2,084	1,199	710
Ounce.....do		[8] 5,290	6,046	3,953	3,294	3,635		[8] 1,449	1,712	959	545	446
Numbered.....do		[8] 4,518	4,249	3,148	2,731	1,267		[8] 1,699	1,723	1,125	654	264
Bleached.....do	1,330	1,724	2,293	1,211	1,138	559	520	540	744	336	231	93
Colored.....do	817	1,293	1,843	1,067	534	353	300	427	632	361	151	80
Cotton cloth.....do	515,335	503,888	543,008	404,970	357,529	367,806	75,646	66,188	71,490	47,794	33,573	26,072
Unbleached (gray).....do	147,366	122,034	137,857	102,692	97,721	101,263	16,347	11,178	12,445	7,924	5,886	4,556
Drills and twills.....do		[7] 11,649	12,357	9,160	7,803	7,156		[7] 1,405	1,573	977	631	453
Sheetings, 40 inches and under.....do		[7] 71,526	82,284	58,808	52,799	70,757		[7] 6,030	7,174	4,330	3,467	2,968
Sheetings over 40 inches.....do		[7] 1,476	1,561	1,239	566	594		[7] 163	171	127	47	41
Osnaburgs.....do		[7] 19,970	22,581	17,053	16,772	14,937		[7] 1,976	2,292	1,553	1,133	829
All other.....do		[7] 16,993	19,074	16,432	9,781	7,819		[7] 1,121	1,236	937	608	265
Bleached.....do	87,278	87,023	89,230	63,906	54,434	51,419	12,658	10,199	10,590	6,951	4,921	3,592
Drills and twills.....do		[8] 4,085	4,484	3,655	2,441	2,357		[8] 618	678	557	336	236
Pajama checks.....do		[8] 8,853	10,421	7,244	4,059	4,490		[8] 879	1,076	681	303	273
Sheetings—												
40 inches wide and under.....do		[8] 25,104	33,575	16,632	13,551	20,003		[8] 2,784	3,849	1,719	1,087	1,215
Over 40 inches wide.....do		[8] 8,654	12,961	4,346	3,021	2,191		[8] 1,141	1,712	669	332	195
All other bleached.....do		[8] 29,919	27,839	31,999	31,362	22,348		[8] 3,350	3,274	3,425	2,863	1,673
Colored.....do	280,191	294,831	315,865	238,372	205,374	215,124	46,641	44,811	48,455	32,919	22,766	17,924
Voiles.....do		[7] 50,645	56,379	49,535	41,157	37,227		[7] 7,139	8,049	6,042	4,390	3,054
Percales and prints—												
32 inches and narrower.....do		[7] 27,291	29,901	18,361	13,775	13,845		[7] 2,795	3,114	1,723	1,076	967
Over 32 inches wide.....do		[7] 11,770	11,595	11,852	11,756	15,799		[7] 1,549	1,610	1,459	1,230	1,300
Flannels and flannelettes.....do		[7] 3,887	4,452	2,310	1,785	2,411		[7] 576	685	315	214	177
Khaki and fustians.....do		[7] 4,190	4,526	3,702	3,304	4,020		[7] 828	904	704	532	546
Denims.....do		[7] 16,238	17,230	16,966	17,577	17,339		[7] 2,845	3,152	2,526	2,050	1,561
Suitings (drills, etc.).....do		[7] 26,049	30,344	20,581	17,766	13,965		[7] 4,241	4,928	3,177	2,314	1,413
Ginghams.....do		[7] 11,169	14,002	6,180	4,228	3,833		[7] 1,196	1,486	610	347	235
Chambrays.....do		[7] 15,345	16,448	17,247	15,485	16,187		[7] 1,608	1,751	1,702	1,217	1,015
All other printed fabrics—												
7½ and more yds. per lb.....do		41,327	27,555	15,423	19,271	28,085		6,899	4,451	2,504	2,364	2,420
Less than 7½ yds. per lb.....do			20,852	19,239	17,777	16,970			3,693	2,734	1,974	1,447

All other piece-dyed fabrics—												
5 and more yds. per lb. ——do——	} ——	[7] 45,227	{ 24,718	17,471	18,632	24,436	} ——	[7] 9,247	{ 3,705	2,347	1,883	1,719
Less than 5 yds. per lb——do——			19,201	15,610	8,790	10,157			2,808	2,027	978	930
All other yarn-dyed fabrics——do——	——	[7] 18,558	19,807	12,557	8,977	8,071	——	[7] 2,811	2,963	1,754	989	695
Cotton and rayon mixtures (cotton chief value)——1,000 sq. yds——	——	[7] 15,060	18,766	11,338	5,094	2,799	——	[7] 4,209	5,174	3,295	1,208	445
Other cotton fabrics—												
Blankets——1,000 lbs——	[1] 1,421	1,453	1,569	1,267	652	765	894	834	885	682	288	260
Damasks——1,000 sq. yds——	[1] 518	549	780	506	307	310	[1] 178	161	245	141	64	51
Pile fabrics, plushes, velveteens, and corduroys——1,000 sq. yds——	[1] 421	507	494	398	448	326	[1] 399	441	412	305	234	144
Tapestries and other upholstery——do——	[1] 96	214	293	202	55	41	[1] 126	196	305	217	57	25
Cotton fabrics sold by the pound——1,000 lbs——	3,902	6,303	10,130	6,027	8,243	8,604	[1] 1,915	2,367	3,756	2,015	2,081	1,716
Cotton wearing apparel							21,284	14,722	14,768	10,227	6,174	3,087
Knit goods—												
Gloves——doz. prs——	[1] 72,034	119,845	125,563	104,836	79,961	37,810	[1] 130	209	219	186	112	48
Hosiery——1,000 doz. prs——	4,564	3,798	3,778	2,253	1,122	709	9,114	6,518	6,442	3,684	1,687	878
Women's——do——	——	[7] 1,676	1,942	1,054	593	338	——	[7] 2,980	3,442	1,796	908	427
Children's——do——	——	[7] 673	751	552	260	193	——	[7] 1,035	1,144	837	358	217
Men's socks——do——	——	[7] 954	1,084	647	269	178	——	[7] 1,603	1,856	1,051	421	234
Underwear——1,000 doz——	[1] 1,234	625	611	471	301	164	4,476	2,353	2,194	1,710	881	329
Sweaters, shawls, and other knit outerwear——1,000 pcs——	——	484	505	268	178	102	455	398	420	203	102	52
Other wearing apparel—												
Collars and cuffs——1,000 doz——	[1] 343	273	231	129	55	35	522	402	311	180	76	35
Overalls, breeches, pants——doz——	[1] 15,040	31,670	53,965	46,426	39,020	25,118	[1] 247	389	663	525	370	183
Underwear, not knit——1,000 doz——	[1] 190	139	117	96	66	37	1,021	646	539	437	276	130
Shirts——do——	[1] 216	204	236	189	180	142	2,918	1,978	2,073	1,722	1,455	858
Dresses, skirts, and waists——1,000 pcs——	[1] 303	430	610	640	848	419	[1] 425	426	596	572	657	277
Other cotton clothing							[1] 2,299	1,402	1,311	1,008	558	297
Other cotton manufactures—												
Handkerchiefs——1,000 doz——	[1] 344	212	214	123	83	87	[1] 242	141	145	81	56	50
Laces, embroideries, and lace window curtains——1,000 yds——	7,005	5,553	4,265	2,693	1,574	1,183	420	206	216	127	86	48
Woven belting for machinery——1,000 lbs——	[3] 407	450	424	276	179	134	[3] 197	263	242	173	97	60
Cotton bags——do——	[1] 3,874	6,728	5,306	5,195	4,232	4,422	[1] 1,192	1,495	1,210	1,101	961	799
Quilts, comforts, counterpanes, etc.—number——	[1] 82,121	141,982	184,863	154,180	93,571	70,648	[1] 154	210	273	212	115	56
Bed sheets, pillow, bolster, and mattress cases——doz——	[1] 18,493	27,803	36,803	30,228	16,972	13,615	[1] 176	209	277	206	84	61
Towels, bath mats, wash cloths——1,000 doz——	[1] 389	633	907	539	389	158	[1] 890	1,009	1,327	796	500	189
Other cotton manufactures							7,771	5,410	4,686	3,573	2,050	1,101
D. Jute manufactures							2,769	3,984	5,136	4,034	3,194	1,389
Jute yarn, cordage, and twine——1,000 lbs——	[1] 1,028	998	931	985	535	193	[15] 196	171	154	139	67	25
Bags of jute——do——	[1] 31,062	33,378	42,864	39,755	36,821	17,223	2,142	3,428	4,647	3,628	3,036	1,290
Other jute manufactures——do——	——	[8] 3,692	4,084	3,300	1,183	1,064	[1] 539	385	336	267	91	74

[1] Average for years 1922–1925.
[3] Average for years 1923–1925.
[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 3.—TEXTILES—Continued												
E. Flax, hemp, and ramie manufactures							[1] 378	523	656	526	262	102
F. Other vegetable fiber manufactures							9,480	5,900	6,704	4,600	4,385	1,014
Cordage, except of cotton or jute—												
Binder twine—1,000 lbs.	61,280	22,817	16,779	10,996	10,026	11,906	7,140	2,652	1,792	1,201	707	686
Manila cordage—do.	[15] 6,899	4,465	4,328	3,936	2,026	1,151	[16] 1,206	858	763	684	314	147
Sisal or henequen cordage—do.		1,895	1,948	744	136	73		202	207	87	16	7
Other cordage—do.		492	635	339	190	108		91	104	65	28	15
Oakum—do.	1,761	2,012	2,469	1,602	1,069	565	144	171	199	136	82	48
Other vegetable fiber, straw, or grass manufactures							990	1,925	3,608	2,427	3,240	111
I. Wool and mohair, unmanufactured—1,000 lbs.	699	300	239	162	274	179	204	121	88	75	70	32
J. Wool semimanufactures—do.	9,293	13,309	10,785	11,274	8,068	9,173	934	1,139	922	926	513	393
Wool rags—do.	8,580	12,544	10,215	10,528	7,595	8,781	641	906	755	615	382	308
Wool noils and waste—do.	[1] 774	706	540	599	401	324	[1] 138	144	105	142	48	31
Wool yarns—do.	[1] 118	59	31	149	72	68	[1] 229	89	63	169	83	54
K. Wool manufactures							6,708	4,437	5,380	4,023	2,484	833
Fabrics wholly or chiefly of wool—												
Wool cloth and dress goods—1,000 lbs.	938	328	335	278	158	56	1,869	621	601	507	300	77
Wool cloth and dress goods—1,000 yds.	1,401	471	448	356	194	69						
Mohair cloth—1,000 lbs.	[1] 97	60	75	41	25	17	[1] 216	173	242	145	106	30
Mohair cloth—1,000 yds.	[1] 184	107	120	70	41	26						
Other wool fabrics—1,000 lbs.	[1] 112	49	59	42	18	9	[1] 156	76	90	61	26	9
Carpets and rugs of wool—sq. yds.	[1] 79,338	115,071	183,975	90,106	36,545	18,021	[1] 234	439	621	292	154	51
Wool felts—1,000 lbs.	[1] 408	271	350	186	73	30	[1] 519	348	362	217	109	47
Wool wearing apparel—												
Knitted bathing suits—dozen		[8] 26,993	32,492	37,407	25,808	4,136	[1] 440	828	1,095	1,253	780	97
Other knit goods—do.								[8] 366	399	202	139	86
Men's and boys' overcoats, suits, pants, 1,000 pieces		148	155	88	54	20	1,412	601	716	440	282	94
Women's and children's wool clothing, 1,000 pieces		50	55	47	43	40	1,012	414	464	393	285	167
Other wool or mohair manufactures							1,163	645	770	513	303	176
L. Hair and manufactures—1,000 lbs.	[1] 16,249	20,171	22,355	18,362	15,373	12,722	1,693	2,468	2,659	1,929	1,252	903
Hair, unmanufactured—												
Cattle—do.	[1] 15,821	8,109	10,199	6,222	2,859	3,557	1,414	810	1,093	669	210	158
Other—do.		11,013	10,516	11,746	12,216	8,928		1,355	1,199	1,076	915	648
Hair manufactures—do.	[1] 428	1,049	1,641	394	298	237	279	302	367	184	127	97

N. Silk manufactures							12,992	17,293	20,389	14,341	9,562	4,547
Tram, organzine, hard twists, and spun silk—pounds	[1] 86,840	151,454	185,152	178,845	196,994	219,090	[1] 392	813	1,022	827	738	680
Sewing, embroidery, and crochet silk—do	[1] 81,288	76,540	69,260	63,166	53,471	18,429	[1] 623	567	515	387	261	89
Fabrics wholly or chiefly of silk—												
Satins and other for shoes—1,000 yds	2,568	3,498	245	223	132	65	3,146	3,529	454	433	257	114
Other broad silks—do			3,015	2,664	2,462	1,609			3,652	2,935	2,108	903
Velvets, plushes, and chenilles, including ribbon—pounds	[1] 68,962	29,892	31,444	32,063			[1] 223	101	105	130	171	23
Silk ribbons, except velvet and plush—1,000 yds	[3] 7,094	3,087	2,326	2,292	1,519	1,669	[1] 489	172	135	129	69	41
Silk wearing apparel—												
Underwear—number	[1] 70,323	68,167	79,107	56,263	44,645	31,145	[1] 155	134	153	101	68	41
Dresses, skirts, waists, and blouses—do	[1] 79,484	186,775	284,229	234,312	198,097	115,044	[1] 893	1,627	2,264	1,840	1,304	544
Hosiery—1,000 doz. pairs	[1] 685	835	922	613	416	250	[1] 6,271	8,531	9,811	6,170	3,449	1,530
Women's seamless—do		[7] 65	68	32	30	15		[7] 520	581	243	171	67
Women's full fashioned—do		[7] 616	700	492	342	210		[7] 7,328	8,406	5,465	3,080	1,374
Children's—do		[7] 11	11	6	3	4		[7] 41	36	21	12	6
Men's socks—do		[7] 119	143	83	41	21		[7] 657	789	441	186	83
Other silk wearing apparel							[1] 658	538	730	455	233	86
Other silk manufactures							1,361	1,281	1,517	879	904	496
O. Rayon manufactures							6,951	6,908	7,228	5,907	3,849	2,493
Yarn—1,000 lbs	[17] 148	313	223	345	314	653	[17] 290	442	286	356	251	429
Embroidery, crochet, and knitting thread—1,000 lbs		[7] 15	17	8	7	4		[7] 43	54	25	14	7
Tapestry and drapery fabrics—1,000 sq. yds		[7] 73	76	52	34	17		[7] 66	81	50	26	10
Woven and knit dress and piece goods—1,000 sq. yds		[7] 4,626	4,459	6,400	5,763	3,281		[7] 2,152	2,295	2,872	2,065	1,003
Hosiery—1,000 doz. pairs	1,126	1,035	1,079	583	311	200	4,794	3,418	3,200	1,617	749	382
Women's—do		[7] 459	519	241	154	101		[7] 1,577	1,682	771	399	220
Children's—do		[7] 100	115	78	27	20		[7] 225	247	160	52	30
Men's socks—do		[7] 359	445	264	130	79		[7] 1,008	1,272	686	298	132
Knit underwear—dozens		32,241	54,641	49,763	56,580	41,566		248	408	319	268	166
Ribbons, braids, fringes, and narrow trimmings—1,000 yds		3,528	3,233	3,719	2,832	1,996		[7] 111	107	112	78	52
Other rayon manufactures							2,099	1,377	791	556	398	444
P. Miscellaneous textile products							17,117	22,386	24,144	18,066	12,448	6,410
Linoleum—1,000 sq. yds	3,715	1,192	1,572	788	386	68	1,578	809	1,041	551	241	52
Felt base floor coverings—do		4,225	5,194	4,355	2,671	813		1,542	1,923	1,534	787	191
Oilcloth—do	[1] 9,002	10,085	10,586	9,215	8,058	5,278	2,085	2,214	2,353	1,830	1,295	684
Window-shade and book cloth—do	[3] 1,921	3,042	3,326	3,241	2,198	1,484	[1] 415	561	575	529	333	185
Waterproofed auto cloth [18]—do	[3] 2,285	1,637	971	494	241	112	[1] 1,190	887	538	266	130	53
Pyroxylin leather cloth—1,000 sq. yds	[3] 4,455	5,162	2,913	2,420	1,281	674	2,420	2,964	1,707	1,319	644	251
Other leather cloth—do			2,493	1,532	1,268	772			1,371	824	613	282
Waterproofed outer garments—thousands		371	533	377	320	65	[1] 605	768	1,063	759	594	123

[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 3.—TEXTILES—Continued												
P. Miscellaneous textile products—Continued.												
Corsets, brassieres, and girdles...1,000 pieces	[1] 691	1,361	1,396	1,191	1,074	557	1,847	1,845	1,882	1,475	1,291	665
Pajamas, nightshirts, and gowns...dozens	----------	[7] 15,178	17,230	15,085	18,500	10,385	----------	[7] 167	193	156	158	73
Hats of straw or fiber and materials							983	516	644	590	498	204
Hat braid of straw or other fiber...1,000 yds	[1] 15,855	8,194	7,352	7,999	4,757	8,107	[1] 150	95	67	146	107	53
Hats of straw, palm leaf, etc...1,000 hats	[1] 528	599	944	668	521	253	863	419	577	444	391	151
Hats and caps, except straw or other fiber—												
Men's and boys' fur-felt hats...thousands	[1] 327	381	384	288	166	97	1,042	1,744	1,830	1,325	659	324
Women's and children's fur-felt hats...do		64	78	61	62	22		189	237	155	130	45
Wool-felt hats...do	[1] 205	271	424	186	145	68	[1] 374	289	410	244	146	52
Other hats and caps...do	[1] 1,328	1,039	1,118	845	747	479	[1] 1,135	776	672	513	358	194
Hat trimmings, artificial flowers, etc							723	373	375	220	167	87
Mattresses, cotton, kapok, moss, hair...number	[1] 12,472	25,248	34,282	29,876	15,984	9,464	[1] 109	173	215	243	97	52
Absorbent cotton, gauze, and sterilized bandages...1,000 lbs	[6] 2,934	3,410	3,688	3,722	3,080	2,963	[6] 2,118	2,278	2,476	2,242	1,512	1,273
Elastic webbing...1,000 yds	----------	[7] 31,681	34,851	27,545	19,175	15,815	----------	[7] 1,278	1,476	1,062	675	379
Garters and arm bands...1,000 doz. prs	[1] 482	528	477	269	121	47	[1] 682	775	762	427	196	74
Suspenders and braces...dozens	[1] 58,662	25,649	21,715	12,848	7,339	4,413	[1] 196	87	80	48	25	14
Other textile manufactures							[1] 2,097	2,730	2,322	1,754	1,900	1,153
GROUP 4.—WOOD AND PAPER												
Total							152,762	186,694	210,169	153,306	97,537	57,500
A. Wood unmanufactured							8,123	12,841	15,287	9,530	6,311	2,990
Logs and hewn timber—												
Hardwoods...1,000 ft. b. m	15,446	16,358	16,989	16,750	19,149	18,565	1,008	1,160	1,235	1,161	769	523
Ash and hickory...do	----------	[5] 4,931	3,193	6,670	3,508	3,566	----------	[5] 295	197	393	183	184
Walnut...do	----------	[5] 1,580	2,176	984	387	246	----------	[5] 356	428	284	151	65
Other hard woods...do	----------	[5] 10,358	11,620	9,096	15,254	14,753	----------	[5] 547	610	484	435	274
Softwoods—												
Southern pine...do		6,352	10,286	1,454	762	371		263	425	67	30	9
Douglas fir...do		39,258	57,508	43,488	23,135	9,870		567	713	602	258	117
Cedar...do	109,275	175,861	176,379	115,968	115,972	34,943	3,376	4,027	3,934	2,542	2,162	606
Hemlock...do					63,477	54,767					638	470
Other soft woods...do		98,625	117,876	127,866	43,916	18,967		1,371	1,534	1,771	449	188
Railroad ties...thousands	2,702	3,637	5,046	1,664	2,132	1,093	2,973	3,323	4,334	1,641	1,367	573
Hardwood...do	[1] 564	291	581	158	43	35	[1] 799	271	470	161	46	47
Softwood...do	[1] 2,026	2,529	3,614	976	1,540	845	[1] 1,826	1,938	2,579	683	657	291
Creosoted or otherwise preserved...do	----------	817	851	530	549	213	----------	1,114	1,285	797	664	235

Piling—1,000 lin. ft.	1,514	5,389	6,892	4,436	3,213	3,747	[1] 433	1,349	1,719	764	351	411
Telegraph, trolley, and electric-light poles—number	[1] 51,766	112,177	189,977	173,346	33,157	18,912	[1] 274	579	1,107	833	197	35
Firewood and other unmfr'd—1,000 cu. ft.	[1] 2,245	2,838	2,951	2,607	2,173	1,334	195	201	284	148	90	60
B. Wood, semimanufactures—sawmill products							85,078	100,571	110,637	78,402	45,070	26,281
Sawed timber—1,000 ft. b. m.	475,659	689,323	699,219	491,569	407,290	295,409	14,748	17,685	17,492	12,634	7,510	4,322
Softwoods—												
Southern pine—do	147,638	145,719	127,351	140,430	88,243	66,922	5,576	6,256	5,511	6,156	3,274	2,020
Douglas fir—do		505,683	541,269	330,758	302,939	222,582		10,150	10,955	5,807	3,861	2,077
Cedar—do	322,522	7,440	854	634	203	1,010	8,839	274	28	26	9	53
Hemlock—do					10,354	1,094					172	20
Other softwoods—do		24,327	21,849	14,317	2,498	1,403		616	498	334	58	35
Hardwoods—do	5,493	1,573	1,988	1,235	864	352	333	103	124	76	45	19
Creosoted or otherwise preserved—												
Southern pine—do		3,371	4,389	3,283	1,379	1,789		223	291	217	66	85
Other sawed timber—do		1,209	1,519	412	810	257		63	84	20	25	13
Boards, planks, and scantling—do	1,868,945	2,129,843	2,378,509	1,766,399	1,238,854	836,731	69,165	82,171	92,317	65,262	37,285	21,874
Softwoods—do	1,391,617	1,714,385	1,923,372	1,365,984	921,301	603,099	48,887	54,703	62,075	40,234	21,105	12,275
Cypress—do	8,246	8,815	11,037	6,099	4,479	2,847	557	517	638	356	221	142
Douglas fir—do	563,869	739,142	908,846	638,393	481,294	273,126	13,856	16,157	20,748	12,760	7,366	3,505
Rough—do	[3] 560,274	684,348	846,349	592,719	410,930	241,237	[3] 14,141	14,645	18,950	11,556	6,233	3,080
Dressed—do	[3] 22,802	54,793	62,497	45,674	70,364	31,889	[3] 936	1,512	1,798	1,204	1,133	425
Southern pine—do	686,975	636,171	679,042	500,965	310,130	262,554	24,291	26,789	23,657	20,191	10,125	6,843
Rough—do	[3] 557,409	553,836	597,472	440,202	272,666	230,894	[3] 23,096	23,332	25,138	17,760	8,908	5,985
Dressed—do	[3] 117,190	82,335	81,570	60,703	37,464	31,660	[3] 4,983	3,457	3,519	2,431	1,217	858
White, western, and sugar pine—do	49,079	34,402	41,482	31,733	24,079	14,353	2,534	1,958	2,392	1,556	916	519
Cedar—do		[3] 17,801	16,629	9,836	9,074	4,267		[3] 876	881	561	439	166
Redwood—do	38,795	52,798	62,280	28,412	6,999	8,219	2,593	2,957	3,576	1,512	347	311
Spruce—do	27,635	25,455	27,166	25,748	12,033	8,301	1,410	1,212	1,391	991	540	431
Hemlock—do	[3] 120,973	186,451	166,548	118,288	71,020	29,287	[3] 3,013	3,729	3,358	2,076	1,094	354
Small softwood dimension stock—do		6,505	5,337	1,430	190	65		235	246	88	11	1
Other softwoods—do	44,435	10,405	4,955	5,080	2,003	80	1,836	446	188	143	45	2
Hardwoods—do	277,168	415,459	455,137	400,415	317,653	233,632	20,279	27,467	30,242	25,027	16,182	9,599
Ash—do	[3] 20,812	30,744	38,781	41,196	30,043	27,849	[3] 1,497	2,102	2,762	2,857	1,555	1,046
Birch, beech, maple—do		9,114	11,746	5,416	3,355	1,425		581	723	320	174	65
Chestnut—do	[1] 7,870	9,352	11,258	7,022	5,908	2,312	[1] 562	489	590	343	264	103
Cottonwood—do		[7] 4,419	5,020	2,677	1,764	1,114		[7] 238	281	116	76	47
Gum—do	46,412	55,430	53,904	51,936	39,536	28,776	2,398	2,700	2,594	2,318	1,433	842
Red and sap—do		[8] 48,624	46,015	44,954	33,551	22,966		[8] 2,373	2,274	2,071	1,248	686
Tupelo and black—do		[8] 5,904	7,889	6,982	6,005	5,810		[8] 234	320	247	187	156
Hickory—do	[1] 3,309	4,061	3,980	3,956	1,871	1,866	[1] 318	387	423	375	187	182
Oak—do	136,157	208,742	221,323	202,947	175,348	127,888	9,288	13,027	13,739	11,833	8,354	5,009
Poplar—do	21,798	34,859	40,383	28,167	21,073	16,265	1,799	2,174	2,520	1,667	972	616

[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.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	13,781	10,099	8,792	5,476	[1] 1,090	1,417	1,781	1,260	784	414
Mahogany ..... do	[2] 17,422	15,964	16,153	12,661	7,534	3,285	[2] 2,512	2,341	2,339	1,734	939	392
Magnolia ..... do					4,551	4,866					187	167
Wagon-oak planks ..... do		7,850	9,701	13,724	5,944	4,459		482	584	804	323	202
Small dimension stock ..... do		4,032	5,407	5,770	6,728	4,984		436	622	621	651	361
Other hardwoods ..... do	38,241	21,531	23,700	14,844	5,086	3,067	3,313	1,189	1,315	780	282	153
Other sawed lumber ..... do	[1] 7,258	5,541	4,605	4,109	2,424	890	850	245	228	190	117	38
Lath ..... thousands	[1] 31,300	36,443	51,088	31,154	22,436	11,387	[1] 188	163	294	102	46	21
Shingles ..... do	30,570	82,028	91,555	62,544	40,611	6,447	163	308	367	215	111	26
C. Wood manufactures							30,846	36,857	40,938	29,849	19,177	9,784
Cooperage							8,666	9,373	9,678	6,713	4,136	2,354
Staves ..... thousands	59,746	74,549	84,322	58,968	38,943	29,988	3,879	4,246	4,724	2,879	1,892	1,150
Tight staves ..... do	[1] 23,898	31,283	38,505	24,333	18,276	17,447	[1] 3,206	3,635	4,145	2,444	1,574	1,043
Slack staves ..... do	[1] 42,112	43,266	45,817	34,635	20,667	12,541	[1] 742	612	578	435	218	107
Heading ..... 1,000 sets	[1] 3,335	3,733	3,529	3,138	2,237	1,603	421	748	762	595	327	268
Tight heading ..... do		1,377	1,284	1,067	733	779		554	582	440	240	221
Slack heading ..... do		2,355	2,245	2,071	1,504	824		194	180	155	87	47
Cooperage shooks—												
Tight ..... do	[1] 1,688	1,031	1,049	867	617	314	3,493	3,179	3,236	2,499	1,531	749
Slack ..... do		693	480	288	428	161		426	289	175	237	80
Tight empty barrels, casks, hogsheads ..... thousands	[1] 360	333	302	255	139	58	873	774	667	565	249	107
Box shooks—												
Southern pine ..... 1,000 bd. ft.		13,037	12,533	12,474	10,172	7,079		627	577	571	433	237
Hemlock ..... do		59,233	64,881	42,151	14,351	5,537		1,721	1,903	1,222	410	142
Spruce ..... do	[1] 86,832	3,156	1,597	1,453	1,169	776	3,179	111	66	69	39	33
Gum ..... do		[7] 5,084	6,613	3,378	1,968	903		[7] 276	359	169	88	39
Other ..... do		21,868	13,056	18,344	10,934	3,006		1,009	585	871	440	84
Veneers ..... 1,000 sq. ft.		79,805	98,881	78,297	54,335	32,934		2,087	2,765	1,928	1,147	557
Veneer packages for fruit and vegetables ..... do	[1] 55,347						[1] 1,669	[7] 100	154	54	44	51
Plywood ..... 1,000 sq. ft.		27,059	33,382	37,891	33,531	31,736		1,200	1,642	1,542	1,085	755
Hardwood flooring ..... 1,000 ft. b. m.	[3] 6,384	12,475	16,139	12,518	13,892	5,654	[3] 483	846	1,150	899	801	299
Doors ..... thousands	[8] 1,022	1,914	2,140	1,806	1,987	1,010	1,643	3,411	3,987	3,027	2,719	1,023
Sash and blinds ..... do		87	110	61	55	27		161	182	132	100	48
Trimmings and moldings n. e. s. ..... 1,000 lin. ft.	[9] 4,644	9,164	11,088	11,174	8,272	5,601	256	267	287	244	171	80
Other millwork and house fixtures								[5] 300	280	320	160	52
Cane and reed manufactures, n. e. s.							[1] 429	239	208	111	56	35

Furniture of wood—												
Chairs—thousands	[1] 186	172	171	126	74	33	721	682	795	509	244	132
Office furniture								267	320	165	77	37
Store fixtures							2,371	233	274	193	77	55
School and church furniture								218	212	209	82	32
Other wood, willow, and wicker furniture								2,181	3,068	2,190	965	356
Boat oars and paddles—number	[1] 92,794	81,681	82,469	77,785	33,872	20,445	202	184	182	159	82	48
Wagon and other vehicle stock								[7] 162	148	92	64	58
Plow and similar bent handles—1,000 doz			16	9	6	9			44	30	26	30
Hoe, fork, shovel, broom, and other long handles—1,000 doz		792	919	880	711	361	2,009	825	936	731	545	271
Handles for striking tools—do		976	1,020	678	439	251		1,332	1,376	941	540	296
Pencilslats—1,000 lbs		[5] 13,214	12,773	12,011	9,798	6,492		[5] 1,636	1,403	1,369	971	565
Woodenware							268	494	522	618	567	318
Other wood manufactures							9,563	7,636	7,832	4,772	3,108	1,798
D. Cork manufactures							577	948	1,141	1,043	841	410
Disks, washers, and wafers—1,000 gross	[3] 3,271	6,661	7,017	11,359	14,391	7,533	[1] 142	254	275	426	470	201
Stoppers—1,000 lbs	[1] 296	432	578	286	94	68	[1] 108	162	205	154	90	50
Other cork manufactures—do	[1] 2,216	6,220	3,956	2,964	1,725	1,223	[1] 302	532	662	463	281	159
E. Paper base stocks							3,704	5,147	5,078	4,178	3,719	2,707
Pulpwoods—cords	[1] 14,380	56,433	52,682	130,242	81,091	28,405	[1] 122	510	464	1,265	625	177
Wood pulp—												
Sulphite wood pulp—tons of 2,240 lbs		27,556	39,154	31,226	44,457	40,944		1,541	2,116	1,671	2,251	1,963
Soda wood pulp—do	26,097	1,968	1,961	1,808	1,232	1,104	1,744	161	160	141	93	65
Other wood pulp—do		6,585	7,160	10,204	1,857	685		337	453	259	63	10
Rags and other paper stock—1,000 lbs	105,109	162,821	108,416	62,243	64,658	73,923	1,863	2,598	1,885	842	687	492
F. Paper and manufactures							24,435	30,330	37,086	30,303	22,419	15,328
Printing paper—												
Newsprint paper—1,000 lbs	39,352	28,750	37,391	20,408	19,305	16,928	1,987	1,213	1,346	812	605	448
Book paper, not coated—do	26,383	25,658	37,817	31,830	19,024	14,963	3,148	1,936	2,651	2,144	1,154	787
Cover paper—do	[1] 1,209	1,899	2,054	2,192	1,713	1,085	[1] 207	318	356	343	259	131
Grease proof and waterproof paper—do	[1] 1,605	2,970	2,908	3,805	4,634	4,195	193	499	526	742	975	872
Overissue and old newspapers—do		[5] 162,695	154,078	171,312	208,113	209,151		[5] 1,502	1,668	1,335	1,539	1,473
Wrapping paper—do	27,928	38,043	43,883	44,248	28,613	19,260	2,170	2,559	2,957	2,759	1,629	1,238
Surface-coated paper—do	[1] 3,725	9,584	17,318	7,567	5,075	6,061	[1] 560	1,019	1,577	867	580	678
Tissue and crêpe paper—do	[1] 7,966	4,751	4,798	4,762	2,979	3,676	1,281	1,050	1,061	919	506	554
Toilet paper—do		6,341	7,035	7,420	7,035	6,054		720	788	812	726	542
Paper towels and napkins—do	[1] 1,274	2,987	3,618	3,911	3,517	2,131	200	383	435	451	352	203
Boxboard of paperboard and strawboard—do	[17] 22,452	51,720	53,459	60,370	53,033	37,505	[17] 796	1,426	1,424	1,499	1,181	660
Bristols and bristol board—do	[1] 1,340	2,115	2,908	2,314	1,675	1,652	[1] 144	216	286	219	158	111
Other paper board—do	[1] 52,223	40,389	47,317	33,636	40,339	24,725	2,291	1,991	2,097	1,607	1,417	814
Sheathing and building paper—do	[1] 7,479	16,171	22,496	18,798	15,026	6,997	[1] 334	591	757	636	440	187
Fiber insulating lath or board—1,000 sq. ft		[5] 46,259	30,019	62,499	37,627	24,891		[5] 1,512	1,014	2,009	1,200	642
Wall board of paper or pulp—do	[1] 14,907	46,206	68,404	30,090	18,499	6,715	544	1,537	2,233	999	591	182
Blotting paper—1,000 lbs	[9] 2,186	3,497	3,606	3,115	1,852	1,093	[9] 326	414	429	379	211	117

[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	1,634	1,642	1,300	972	[9] 190	456	599	605	438	311
Papeteries (fancy writing paper), do.	[1] 5,926	734	855	651	273	193	1,719	190	208	147	70	45
Other writing paper, do.		19,705	27,991	21,064	14,665	12,529		2,288	2,956	2,070	1,309	859
Paper hangings (wall paper), 1,000 rolls		[2] 3,227		3,227	2,363	766	555	573	582	465	288	89
Paper bags, 1,000 lbs.	[1] 10,930	11,049	12,060	11,250	11,894	8,571	975	940	1,010	893	827	485
Boxes and cartons, do.	[1] 12,746	24,562	28,120	22,715	14,482	11,180	1,126	1,645	1,862	1,371	932	628
Envelopes, do.	[1] 2,588	2,459	2,421	2,229	1,546	1,063	[1] 502	423	429	372	237	149
Vulcanized fiber sheets, strips, rods, and tubes, 1,000 lbs.		5,172	6,117	4,578	3,454	2,246	1,351	1,387	1,488	1,140	962	666
Cash register and adding machine paper, do.	[1] 1,242	3,524	5,507	4,579	8,798	4,898	141	347	522	434	686	355
Other paper and paper products							4,994	5,006	5,794	4,273	3,147	2,112
GROUP 5.—NONMETALLIC MINERALS												
Total							582,362	706,964	739,698	641,822	373,914	277,834
A. Coal and related fuels, 1,000 tons of 2,240 lbs.	20,508	22,239	19,709	17,350	13,088	9,597	131,112	121,800	106,151	89,762	64,542	44,543
Coal—												
Anthracite, do.	3,502	2,973	3,041	2,278	1,588	1,164	38,476	32,750	32,569	24,509	17,062	12,064
Bituminous, do.	16,350	18,349	15,562	14,176	10,827	7,870	86,482	82,308	65,742	59,186	43,395	29,688
Fuel or bunker coal for vessels in foreign trade (not included in exports), 1,000 tons of 2,240 lbs.	*4,908*	*4,358*	*3,827*	*3,122*	*1,960*	*1,204*	*31,588*	*23,126*	*19,575*	*15,697*	*9,639*	*5,584*
Coke, do.	655	916	1,105	896	673	563	6,154	6,743	7,840	6,067	4,065	2,791
B. Petroleum and products							405,052	524,364	561,191	494,339	270,500	208,381
Petroleum, crude, 1,000 bbls. of 42 gals.	13,330	20,062	26,394	23,704	25,535	27,391	22,487	30,236	37,800	32,153	20,828	27,106
Natural gasoline, do.						308						533
Refined oils, do.	76,454	119,700	126,377	122,168	91,009	69,348	363,586	464,733	493,382	438,195	232,294	168,139
Gasoline, naphtha, and other finished light products, 1,000 bbls. of 42 gals.	21,100	52,154	60,007	63,195	43,787	33,823	152,051	244,577	266,904	250,647	109,301	79,081
Illuminating oil, do.	20,446	19,945	19,820	16,690	12,534	10,867	85,381	84,049	83,798	63,325	34,796	23,732
Gas and distillate fuel oil, do.	26,555	37,429	35,715	32,378	26,588	8,118	41,207	42,278	37,200	33,220	23,966	9,295
Residual fuel oil, do.						9,713						6,877
Fuel or bunker oil for vessels in foreign trade (not included in exports), 1,000 bbls. of 42 gals.	*36,501*	*50,198*	*52,278*	*50,773*	*43,714*	*33,152*	*55,842*	*62,845*	*54,710*	*53,576*	*38,845*	*29,592*
Lubricating oil, do.	8,332	10,017	10,653	9,753	7,994	6,731	84,439	91,733	102,899	88,931	62,986	48,281
Red and pale, do.	[3] 4,994	6,241	6,912	5,890	4,870	4,145	[3] 42,240	51,436	61,566	48,590	35,747	27,478
Black, do.	[3] 1,075	833	866	988	635	478	[3] 6,214	4,194	4,955	3,893	2,435	1,648
Cylinder, do.	[3] 2,892	2,943	2,875	2,875	2,489	2,108	[3] 35,831	36,103	36,378	36,448	24,804	19,155
Mineral spirits (substitute for turpentine), 1,000 bbls. of 42 gals.	[3] 24	55	60	55	51	45	[3] 337	495	554	465	408	277

Insulating or transformer oils	do		86	103	81	48	47		1,042	1,332	918	502	411
Light lubricating oils in small packages	1,000 bbls. of 42 gals.	[3] 14	14	19	16	7	4	[3] 510	560	696	689	334	185
Lubricating greases	1,000 lbs.	[1] 81,673	104,129	116,692	99,273	74,081	64,768	4,395	5,523	6,111	5,405	3,542	2,788
Paraffin wax	do	311,435	336,174	319,276	292,933	290,484	235,264	13,828	15,077	14,074	10,480	8,425	6,267
Unrefined	do	77,789	78,695	80,222	82,961	90,581	77,605	2,938	2,935	2,905	2,352	2,132	1,709
Refined	do	233,646	257,478	239,054	209,972	199,903	157,659	10,891	12,143	11,169	8,128	6,293	4,558
Petroleum asphalt	tons of 2,240 lbs.	[17] 79,477	341,746	428,039	366,419	257,231	183,934	[17] 1,762	7,424	8,543	7,277	4,941	3,168
Petroleum coke	do		102,335	115,820	88,098	49,979	79,777		1,045	1,134	768	395	380
Residuum, including road oil	1,000 bbls. of 42 gals.	131	100	35	23	21		403	325	147	61	76	
C. Stone, sand, cement, and lime								5,537	5,871	6,819	5,318	2,792	1,532
Marble in blocks, rough or dressed	cu. ft.	[1] 59,498	75,805	98,478	84,550	32,443	30,691	[1] 238	303	395	376	141	100
Roofing slate	squares	[1] 8,363	8,062	10,376	5,278	4,174	1,792	82	87	121	64	45	12
Other building or monumental stone	1,000 cu. ft.	[1] 918	584	825	731	264	73	388	607	683	594	209	76
Other manufactures of stone								1,047	1,166	1,488	1,067	628	274
Sand and gravel	1,000 tons of 2,240 lbs.	[1] 368	427	434	288	195	86	455	637	810	570	418	212
Cement, hydraulic	1,000 bbls.[19]	1,042	851	885	756	430	375	3,209	2,854	3,083	2,455	1,221	802
Lime	do.[20]	110	157	173	145	119	36	166	216	239	192	130	56
D. Glass and glass products								10,053	9,642	10,931	9,120	6,397	4,067
Plate and window glass—													
Window glass, common	box, 50 sq. ft.	41,496	20,364	15,533	15,544	8,486	2,520	243	116	92	84	41	15
Plate glass unsilvered	1,000 sq. ft.	2,098	1,924	2,043	3,361	3,708	2,925	852	610	745	1,036	1,115	813
Other window and plate glass	1,000 lbs.	[1] 2,481	4,263	4,778	5,189	2,859	991	[1] 274	420	513	443	294	130
Glass containers (bottles, vials, and jars)								3,245	3,252	3,570	2,992	2,087	1,106
Table glassware, plain								[1] 1,808	1,442	1,523	1,201	877	483
Table and other glassware, cut or engraved								182	136	135	97	80	36
Lamp chimneys and lantern globes	1,000 lbs.	[1] 1,803	1,662	1,581	1,181			[1] 345	328	320	218	83	54
Globes and shades for lighting fixtures	do.	[1] 1,558	1,785	2,080	1,586			[1] 451	637	750	582	410	203
Chemical glassware	do	[1] 247	246	290	269	160	118	190	216	249	231	152	109
Glass electric insulators	do.	[1] 2,506	4,037	4,873	3,462	1,330	822	[1] 217	358	406	239	86	42
Other glassware								2,863	2,127	2,628	1,997	1,672	1,076
E. Clays and clay products								7,224	9,857	12,743	10,564	6,364	3,253
Clays—													
Fire clay	tons of 2,240 lbs.	32,831	52,714	68,358	55,946	40,459	19,720	263	469	589	520	329	228
Other clays	do	37,136	54,465	68,562	65,955	54,812	52,922	346	898	1,117	1,109	916	827
Pottery—													
China and porcelain ware—													
Table, toilet, or kitchen ware								[1] 168	174	194	190	92	46
Electrical porcelain—													
For less than 6,600 volts	1,000 lbs.	[1] 7,889	5,069	6,392	4,561	1,980	599	[1] 1,646	701	923	556	241	84
For 6,600 volts and over	do.		4,637	5,457	5,378	5,835	1,435		772	895	872	907	205
Other china and porcelain ware								162	173	198	170	116	113
Water-closet sets								658	1,354	943	499	223	150
Other earthenware plumbing fixtures										851	877	355	167

[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 5.—NONMETALLIC MINERALS—Continued												
E. Clays and clay products—Continued.												
Pottery—Continued.												
Other earthen, stone, and crockery ware							1,063	846	1,026	831	216	96
Crucibles, clay and graphite...1,000 pieces	[1] 444	542	693	489	350		[1] 103	119	124	104	66	
Bricks and tiles—												
Fire-clay bricks...thousands	31,272	27,937	30,604	25,387	17,526	7,551	1,358	825	848	881	832	466
Other refractory bricks...do	[1] 8,994	15,376	21,736	10,951	4,739	2,951	[1] 788	1,443	1,923	1,121	491	254
Refractory shapes...1,000 lbs	[1] 23,940	58,330	84,479	80,623	15,937	8,537	[1] 557	1,264	1,863	1,672	476	286
Building bricks and hollow tile...thousands	11,226	14,211	30,078	16,400	11,691	1,812	290	311	553	399	320	48
Wall and floor tiles...1,000 sq. ft	[1] 6,061	3,243	1,636	1,379	780	336	475	430	530	556	276	96
High-temperature cements...do		[5] 5,266	4,848	5,681	4,695	3,240		[5] 188	160	216	246	127
Other terra-cotta and ceramic manufactures											263	64
F. Precious stones, including pearls							[1] 72	81	47	136	44	83
G. Other nonmetallic minerals							23,317	35,349	41,816	32,582	22,776	15,975
Abrasives							4,980	7,738	8,923	6,966	4,583	2,834
Wheels of emery and corundum...1,000 lbs	[1] 1,665	704	831	479	286	155	699	246	286	203	115	64
Grindstones...do	[1] 10,734	9,416	7,577	4,996	2,405	3,078	419	481	391	247	105	86
Other natural abrasives, hones, whetstones, etc...1,000 lbs		8,630	9,664	8,216	6,976	5,371		396	423	361	232	147
Artificial abrasives, crude or in grains...do		14,650	16,147	15,098	13,232	6,961	3,861	940	1,166	930	912	547
Wheels of artificial abrasives...do		5,530	6,479	4,788	3,296	1,816		1,992	2,342	1,720	1,285	662
Abrasive paper and cloth...1,000 reams		[8] 260	293	246	110	88		2,947	3,460	2,758	1,368	989
Other artificial abrasives...1,000 lbs		6,634	5,793	5,404	4,100	1,796		736	855	747	566	339
Asbestos—												
Unmanufactured...tons of 2,240 lbs	706	668	633	688	1,530	1,524	73	137	108	95	122	95
Paper, millboard, and roll board...1,000 lbs	[1] 2,548	1,722	1,700	1,917	1,269	587	[1] 139	141	152	153	126	61
Pipe covering and cement...do	[1] 4,622	5,519	6,390	6,666	2,100	2,453	[1] 304	331	409	427	120	136
Textiles, yarn, and packing...do	[1] 1,068	1,655	1,979	1,784	1,271	904	[1] 689	900	1,032	949	662	431
Brake lining...1,000 lin. ft		[7] 4,379	7,427	6,717			[17] 863	1,147	1,521	1,372	1,140	696
Other manufactures, except roofing...1,000 lbs	[1] 2,831	3,570	4,892	4,777	2,393	1,294	1,039	413	535	445	248	134
Asphalt and bitumen, natural—												
Unmanufactured...tons of 2,240 lbs	46,564	31,157	41,930	20,679	16,944	11,040	1,219	877	1,133	629	531	449
Manufactures, except roofing...1,000 lbs	[1] 63,930	53,289	62,421	53,668	29,686	15,368	957	1,079	1,280	1,120	579	318
Carbons and electrodes—												
Electrodes for electric furnaces...do	[17] 12,203	14,976	15,854	15,885	11,177	9,515	[17] 1,214	1,980	2,148	2,057	1,427	1,029
Other carbon products...do	[1] 25,647	17,150	8,107	5,912	3,900		1,766	993	940	669	542	380
Chalk manufactures...do	[1] 1,288	1,502	1,451	1,074	965	665	205	202	204	138	123	74
Gypsum—												
Crude, crushed, or ground...tons of 2,240 lbs		[7] 3,035	3,777	3,217	4,020	3,196		[7] 26	31	23	38	19
Plaster board and wall board...1,000 sq. ft		[9] 11,969	18,420	16,678	6,387	1,982		[9] 380	443	431	158	46
Plaster, calcined, and manufactures, n. e. s.[21]...1,000 lbs		43,439	49,157	40,016	13,547	2,678	472	508	481	398	197	72
Mica and manufactures...do	[1] 1,720	3,955	6,187	4,733	5,239	3,099	167	252	329	263	158	133

Sulphur—												
Sulphur or brimstone, tons of 2,240 lbs.	471,093	699,957	855,183	593,312	407,586	352,610	7,504	14,312	17,629	12,416	8,837	7,179
Refined, sublimed, and flowers, 1,000 lbs.	[1] 5,114	32,679	39,565	35,870	27,198	16,285	[1] 120	538	649	556	432	266
Magnesia and manufactures, do	[1] 4,402	6,214	6,259	6,843	2,905	1,220	[1] 280	367	392	454	201	91
Salt, do	268,042	255,134	218,443	140,956	197,420	127,162	1,313	1,104	1,009	716	775	478
Graphite and manufactures, except crucibles, 1,000 lbs.	[1] 3,726	3,734	3,227	3,113	2,376	1,580	491	438	370	418	249	173
Other nonmetallic mineral products							1,491	1,570	2,096	1,887	1,428	881
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES												
Total							415,488	483,765	538,500	356,751	180,903	84,769
A. Iron ore, 1,000 tons of 2,240 lbs.	677	1,021	1,304	752	436	83	2,994	3,823	4,775	2,734	1,658	220
B. Iron and steel semimanufactures							73,209	90,192	104,144	71,378	32,275	14,517
Pig iron, not containing alloys, tons of 2,240 lbs.	32,929	44,182	46,357	13,671	6,719	2,324	823	808	830	292	151	54
Iron and steel scrap (including tin-plate scrap), tons of 2,240 lbs.	69,735	355,178	557,044	358,649	136,125	227,522	1,104	5,097	7,748	5,562	1,957	1,859
Steel ingots, blooms, billets, slabs, and sheet bars, tons of 2,240 lbs.	8,463	20,771	42,578	17,032	7,965	1,627	429	846	1,500	733	332	64
Iron and steel bars and rods—												
Iron bars, 1,000 lbs.		9,932	11,360	4,082	2,278	1,381		353	333	150	96	43
Steel bars, do	352,528	301,215	411,925	181,640	95,229	34,428	11,065	7,969	10,170	4,689	2,329	827
Alloy steel bars, do		21,318	35,266	14,935	6,647	3,633		1,179	1,660	911	499	251
Wire rods, do	62,816	70,078	94,640	89,105	71,960	33,192	1,445	1,518	2,012	1,876	1,297	583
Iron and steel plates, sheets, skelp, and strips—												
Boiler plate, 1,000 lbs.	332,532	24,488	31,461	15,709	1,119	1,832	9,297	508	643	332	32	46
Other plates, not fabricated, do		307,326	402,417	204,569	94,019	21,228		7,073	9,375	4,527	1,878	478
Skelp iron or steel, do	[1] 207,595	254,483	293,388	268,547	126,555	57,091	[1] 4,210	4,844	5,507	5,193	2,369	910
Iron or steel sheets, galvanized, do	245,762	326,161	339,388	209,407	115,412	60,310	11,825	14,422	14,759	8,798	4,294	1,982
Iron sheets, galvanized, do		[2] 14,038		14,038	9,551	3,164		[2] 812		812	531	168
Steel sheets, galvanized, do		[2] 195,369		195,369	105,861	57,146		[2] 7,986		7,986	3,763	1,814
Steel sheets, black, do	354,650	366,943	388,867	308,938	205,600	85,742	13,932	12,922	14,307	10,343	6,918	2,844
Iron sheets, black, do	28,691	35,851	35,516	25,719	12,372	5,513	1,420	1,603	1,597	1,097	447	176
Strip steel, cold rolled, do	[1] 21,492	32,284	39,148	23,401	19,930	12,450	[1] 914	1,258	1,577	960	740	500
Hoop, band, and scroll iron or steel, do	58,119	83,449	119,585	94,575	43,307	27,371	2,134	2,402	3,558	1,713	1,095	627
Tin plate, terneplate, and tagger's tin, do	282,790	550,948	580,081	484,997	189,131	88,710	15,635	27,388	28,566	24,202	7,841	3,273
C. Steel-mill products—Manufactures							93,568	80,475	96,001	67,516	30,913	14,338
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		[2] 2,387		2,387	1,132	267
Structural shapes—												
Not fabricated, tons of 2,240 lbs.	158,362	187,406	288,513	140,415	88,710	14,885	11,319	8,376	12,684	6,234	3,437	590
Fabricated, do		44,727	57,484	57,607	24,862	8,639		4,169	5,170	5,525	2,327	629
Ship and tank plates, punched or shaped, 1,000 lbs.	15,494	12,875	13,959	12,608	3,415	2,400	533	381	487	317	84	64
Metal lath, do	[3] 5,409	11,394	12,218	12,497	5,393	3,294	[3] 419	800	816	848	350	183
Other structural shapes, do	[1] 112,974	90,833	108,382	90,136	12,869	16,947	[1] 4,094	3,407	4,008	3,304	358	336

[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.
[6] Average for years 1927–1930. [10] 1925 only. [21] Includes "crude, crushed, or ground" prior to Jan. 1, 1928.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 6.—METALS AND MANUFACTURES—Con.												
C. Steel-mill products—Manufactures—Continued.												
Railway track material—												
Rails, tons of 2,240 lbs.	245,301	159,493	146,000	95,179	33,108	11,320	10,722	6,053	5,332	3,580	1,289	428
50 pounds and over per yard, do.	203,485	141,336	118,844	75,855	25,357	10,408	[1] 7,926	5,399	4,324	2,826	1,008	395
Less than 50 pounds per yard, do.	22,686	18,126	27,216	19,324	7,751	912	[1] 877	654	1,008	744	281	33
Rail joints, splice bars, fishplates, and tie-plates, 1,000 lbs.	[1] 60,422	48,880	45,901	26,067	10,970	4,410	3,375	1,461	1,521	935	378	121
Switches, frogs, and crossings, do.		13,163	12,600	7,575	2,833	1,668		1,020	1,088	749	270	96
Railroad spikes, do.	12,086	9,701	9,087	6,127	2,595	1,554	649	303	293	178	74	39
Railroad bolts, nuts, washers, and nut locks, 1,000 lbs.	[1] 5,187	4,525	5,348	3,937	1,722	752	[1] 292	284	322	271	155	43
Tubular products and fittings—												
Boiler tubes, do.	[1] 3,070	38,577	43,695	32,386	15,836	8,237	2,175	2,149	2,494	2,005	885	567
Casing and oil line pipe, do.		234,593	254,428	139,116	49,221	38,694		10,377	11,861	6,708	2,469	1,792
Seamless black pipe, other than casing and oil-line, 1,000 lbs.	499,525					1,340	26,145					95
Welded black pipe, do.		184,237	231,316	127,838	76,852	33,163		7,322	9,276	5,449	2,806	1,157
Welded galvanized pipe, do.		89,705	93,902	81,375	58,528	36,024		3,863	3,992	3,620	2,372	1,306
Malleable iron screwed pipe fittings, do.		25,006	28,077	24,062	10,102	3,759		3,343	3,927	3,413	1,401	485
Cast-iron screwed pipe fittings, do.		20,564	33,684	13,564	4,797	1,684		1,725	2,362	1,427	527	181
Cast-iron pressure pipe and fittings, do.	73,861	27,239	33,349	25,503	29,108	10,580	4,746	1,173	1,444	957	654	218
Cast-iron soil pipe and fittings, do.		30,243	38,064	31,438	13,550	6,686		1,019	1,230	1,283	481	192
Riveted steel or iron pipe and fittings, do.						363						33
Wire and manufactures—												
Plain iron or steel wire, 1,000 lbs.	155,619	37,009	44,712	25,469	13,171	9,600	6,339	1,634	2,096	1,147	581	385
Galvanized wire, do.		45,820	57,214	33,814	18,548	9,198		1,315	1,558	922	463	212
Barbed wire, do.	146,069	115,235	132,111	78,811	48,068	37,524	5,293	3,310	3,748	2,055	1,049	791
Woven-wire fencing, do.	[1] 7,816	10,678	12,325	8,812	5,929	2,220	477	586	696	484	282	104
Woven-wire screen cloth, do.	[1] 3,904	4,200	3,729	3,547	1,938	1,419	[1] 731	685	669	558	298	199
Wire rope, do.	[1] 13,091	11,732	15,582	10,160	5,604	3,525	1,697	1,505	1,907	1,254	666	410
Insulated iron or steel wire and cable, do.		1,559	2,414	1,191	673	191		259	397	216	108	28
Other wire and manufactures, do.	[1] 28,030	20,701	23,257	16,730	10,392	4,657	2,385	2,029	2,446	1,677	997	527
Nails and bolts (except railroad)—												
Cut nails, do.	4,769	2,189	2,012	1,059	307	354	193	95	100	56	16	21
Wire nails, do.	71,955	25,866	29,087	18,975	19,797	16,912	2,834	801	864	536	485	370
Horseshoe nails, do.	13,162	2,193	1,939	1,682	1,386	1,515	1,453	244	214	181	147	160
Tacks, do.		1,643	1,509	1,004	1,218	860		231	210	136	143	101
Other nails, including staples, do.		12,957	17,508	9,401	5,635	4,837		993	1,260	683	301	174
Bolts, machine screws, nuts, rivets, and washers, except railroad, 1,000 lbs.	42,973	29,163	36,368	22,693	10,376	6,081	3,499	2,476	3,145	2,093	1,049	625
Castings and forgings—												
Iron castings, do.	[1] 31,338	22,495	24,587	14,811	9,693	7,610	2,742	1,436	1,573	1,458	689	374
Steel castings, do.		19,928	24,247	21,007	6,952	2,629		2,289	2,975	2,280	743	290

Car wheels and axles	do	[1] 44,862	38,885	48,076	33,238	14,149	6,462	2,000	1,354	1,560	1,140	430	210
Horseshoes	do	1,893	1,041	985	405	342	225	132	73	69	32	21	14
Iron and steel forgings n. e. s	do	[1] 5,178	17,811	27,040	18,969	16,562	8,264	515	1,459	2,207	1,420	997	521
D. Iron and steel, advanced manufactures								68,608	78,177	89,613	65,523	37,112	19,780
Cutlery								7,286	9,687	8,989	6,829	2,933	2,129
Razors, safety	1,000 doz	7,471	374	218	147	212	43	4,774	662	363	454	306	67
Safety-razor blades	do		10,690	9,962	7,922	4,449	3,986		6,818	6,519	4,756	1,593	1,255
Scissors and shears	dozens	[1] 78,358	31,112	27,251	21,148	14,334	5,197	[1] 263	144	142	107	172	48
Table and kitchen cutlery	1,000 doz	[1] 496	397	387	265	117	60	778	538	533	400	172	70
Other cutlery and parts								1,523	1,526	1,432	1,112	759	689
Hollow ware—													
Tin and galvanized hollow ware	1,000 lbs		6,495	7,381	6,135	4,326	2,229	1,696	802	935	780	486	234
Tin cans, finished or unfinished	do	[1] 11,723	10,061	11,206	13,162	7,507	5,897		1,103	1,248	1,524	909	674
Enameled ware of iron or steel—													
Bathtubs	number	18,080	18,427	20,731	14,870	5,914	3,381	557	641	764	528	189	92
Lavatories, sinks, and other plumbing fixtures	number	[1] 48,899	52,164	56,442	39,907	26,605	17,709	632	601	672	464	262	141
Enameled household ware	1,000 lbs	[1] 3,999	[8] 2,814	3,210	2,552	1,619	638	1,017	549	606	472	275	110
Metal furniture and fixtures—													
Filing cases	number	[1] 28,684	59,295	54,151	73,148	23,644	10,570	[1] 1,006	1,974	1,446	2,397	613	249
Safes and cabinets, fire and burglar proof	number	6,683	18,236	43,556	5,623	9,554	4,745	694	976	1,992	400	572	273
Bank and safety deposit vaults and equipment								[9] 202	526	535	577	378	106
Other office furniture and fixtures								624	941	1,220	884	672	274
Metal beds and bed springs	number		169,875	191,776	142,782	108,076	51,766	2,132	1,419	1,646	1,077	716	314
Other metal furniture									1,446	1,948	1,203	380	138
Stoves and furnaces, except electric—													
Coal and wood cooking stoves and ranges	number		12,073	11,644	7,707	3,611	2,090		318	308	204	84	57
Heating stoves and warm-air furnaces	do		14,716	19,763	16,276	7,256	1,461		286	359	266	119	30
Gas stoves, ranges, and water heaters	do		43,061	48,396	38,345	17,837	8,392	2,559	857	921	757	367	124
Kerosene cooking stoves and ranges	do		141,164	125,305	113,209	82,406	33,449		1,342	1,241	1,036	747	296
Gasoline cooking stoves and ranges	do			20,060	16,079	10,114	5,282			215	190	90	34
Parts of stoves and ranges	1,000 lbs		4,525	4,737	3,816				965	1,041	868	747	470
House-heating boilers and radiators	1,000 sq. ft		[7] 3,497	4,661	3,537	1,710		815	1,644	1,124	859	485	247
Oil burners and parts										1,453	1,796	1,521	1,090
Tools								15,914	17,907	20,269	14,353	8,076	3,958
Axes (broad and hand)	1,000 doz	99	91	99	53	24	19	1,220	979	1,085	590	264	177
Hack-saw blades	1,000 gross		[8] 253	275	230	180	117			1,281	1,110	854	557
Shelf and hardware saws	thousands		[8] 476	613	338	274	180	1,986	1,980	639	409	201	63
Other saws, except hack saws										293	166	86	53
Augers and bits, woodworking	dozens		83,277	81,880	63,056	37,976	11,483	964	271	265	200	124	36
Files and rasps	1,000 doz	[1] 1,998	2,251	2,356	1,782	1,438	1,050	2,575	2,678	2,767	2,046	1,626	990
Hammers and hatchets	do	[1] 59	65	72	43	21	9	413	333	379	210	100	41
Hand hoes and rakes	thousands	[1] 379	319	328	247	126	111	[1] 173	131	138	95	49	36
Shovels and spades	1,000 doz	[1] 48	34	32	22	14	8	497	353	340	218	113	68
Vises [22]	thousands	[9] 116	88	43	27	14	7	[9] 247	203	193	128	59	24

[1] Average for years 1922–1925.
[7] Average for years 1928–1930.
[9] Average for years 1924 and 1925.
[8] Average for years 1929 and 1930.
[8] Average for years 1927–1929.
[22] "Vises and clamps" prior to Jan. 1, 1928.

No. 480.—Exports of United States Merchandise, by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 6.—METALS AND MANUFACTURES—Contd.												
D. Iron and steel, etc.—Continued.												
Tools—Continued.												
Automotive wrenches								[4] 315	365	264	173	101
Other wrenches (except automotive)								[5] 879	1,107	651	349	157
Drills and reamers								[5] 757	889	841	510	142
Taps, dies, screw plates, and pipe stocks								[6] 1,559	1,722	[7] 1,813	455	226
Mechanics' and other hand tools, n. e. s.								[5] 2,989	365	5,613	3,113	1,287
Hardware							8,495	8,454	9,831	7,294	4,074	1,939
Padlocks	1,000 doz	199	176	129	73	30		487	489	356	216	91
Door locks and lock sets	do	64	71	56	37	19	2,035	540	618	527	339	170
Cabinet and other locks	do	164	174	116	82	40		343	362	286	191	95
Hinges and butts, iron or steel	1,000 doz. prs	594	478	277	145	71	[1] 914	533	523	353	188	89
Other builders' hardware							[1] 1,801	1,671	1,934	1,411	925	426
Furniture hardware							[1] 355	404	478	355	205	73
Saddlery and harness hardware							[1] 332	194	153	105	71	54
Car and marine hardware							[1] 212	240	231	289	83	40
Other hardware							[1] 3,013	4,042	5,042	3,612	1,856	901
Needles, hand and machine	thousands	[1] 64,868	63,120	66,697	44,042	47,293	39,085	544	760	909	642	569	429
Sprocket and other power transmission chains	1,000 lbs	[1] 12,977	5,710	6,814	4,695	2,502	1,588	2,256	1,265	1,525	1,121	687	413
Other chains	do		9,627	10,326	6,993	3,705	1,546		1,278	1,420	890	468	187
Automatic scales (except coin operated)	number	[1] 112,934	12,935	11,869	11,096	7,022	10,301	2,049	942	848	751	551	194
Other scales and balances n. e. s.	do		115,384	130,044	99,243	50,052	31,165		1,243	1,487	1,015	415	192
Wood screws	1,000 gross	7,965	7,427	7,252	6,298	4,016	986	1,196	807	775	672	487	158
Other iron and steel manufactures								19,255	19,443	23,886	15,673	8,741	5,225
E. Ferro-alloys								489	942	1,013	940	1,447	717
Ferromanganese and spiegeleisen	tons of 2,240 lbs	3,008	3,907	1,574	6,189	1,306	33	118	109	59	146	39	2
Ferrotungsten, tungsten metal, and wire	pounds	[1] 6,050	39,795	102,834	29,979	1,057,754	140,783	[1] 106	198	325	222	624	173
Other ferro-alloying ores and metals	1,000 lbs	[3] 4,848	8,874	12,930	12,256	15,527	10,121	286	635	629	572	784	542
F. Nonferrous metals, except precious							173,483	205,701	238,814	145,625	75,347	33,210
Aluminum							6,538	11,640	11,897	10,898	6,164	2,615
Bauxite and other ores and concentrates	tons of 2,240 lbs	51,969	112,133	133,551	104,504	88,370	28,474	2,589	5,091	3,926	3,777	3,309	1,162
Ingots, scrap, and alloys	1,000 lbs	3,049	1,545	613	608	1,511	3,905	674	305	117	84	132	318
Plates, sheets, bars, strips, and rods	do	3,165	12,905	16,419	16,722	3,190	532	1,015	3,182	4,032	3,831	853	151
Tubes, moldings, castings, and other shapes	1,000 lbs	[1] 1,979	1,796	2,467	1,864	1,292	839	[1] 644	581	738	599	552	337

Table, kitchen, and hospital utensils							[1] 647	601	708	560	387	202
Other aluminum manufactures							1,227	1,878	2,375	2,047	931	445
Copper—1,000 lbs.[23]	876,676	983,940	998,475	753,293	557,874	328,223	129,760	149,999	189,405	105,342	54,748	21,237
Ores, concentrates, composition metal, and unrefined copper (copper content)—1,000 lbs.	686	4,458	5,579	179	300	32,866	95	572	936	19	24	1,473
Refined copper in ingots, bars, or other forms—1,000 lbs.	791,171	828,927	822,454	594,115	405,396	221,955	111,475	123,015	148,436	79,691	38,099	13,538
Old and scrap copper—do	4,852	38,366	37,635	33,886	67,177	34,358	601	4,744	5,676	3,744	5,498	2,013
Pipes and tubes—do	2,424	3,218	3,446	2,697	2,071	1,196	639	834	967	674	415	213
Plates and sheets—do	7,074	7,090	6,323	10,983	4,537	1,672	1,475	1,425	1,576	1,876	645	233
Rods—do	48,908	66,192	81,088	75,138	58,831	28,104	7,263	10,467	14,585	10,958	6,178	2,294
Wire—do	10,852	14,325	16,869	15,750	6,268	1,889	1,962	2,521	3,332	2,714	805	197
Insulated copper wire and cable—do	[1] 13,386	21,264	25,080	20,545	13,295	6,183	4,498	5,123	6,176	4,640	2,568	1,039
Other copper manufactures							1,753	1,298	1,720	1,026	517	237
Brass and bronze							11,084	15,862	17,508	12,997	6,293	3,585
Scraps and old[24]—1,000 lbs.	32,074	65,962	53,734	45,226	23,184	30,145	3,472	6,461	5,899	4,157	1,519	1,255
Ingots[24]—do			1,757	2,008	1,169	155			268	266	105	11
Bars and rods[25]—do	4,501	2,926	3,574	3,151	2,080	1,255	836	547	756	621	287	155
Plates and sheets[25]—do		1,696	2,297	1,417	647	433		400	574	344	133	76
Pipes and tubes—do	[1] 2,572	4,236	5,295	4,634	3,189	1,545	700	1,052	1,416	1,059	557	228
Pipe fittings and valves—do	[1] 2,992	3,709	4,591	3,201	1,859	827	[1] 1,661	2,005	2,466	1,850	1,014	486
Hinges and butts of brass or bronze—doz. prs.		[5] 28,976	31,766	26,187	16,183	13,046	[1] 359	781	94	93	38	29
Other hardware of brass or bronze									881	588	337	168
Plumbers' brass goods—1,000 lbs.		836	1,077	984	706	351		476	636	575	376	183
Wire of brass or bronze—do	1,664	1,344	1,558	1,342	1,235	233	339	439	546	428	315	51
Brass wood screws—1,000 gross		[5] 556	591	413	306	76		[5] 152	169	126	66	21
Other brass and bronze manufactures							4,121	3,579	3,799	2,890	1,546	902
Lead—1,000 lbs.	126,898	184,722	157,697	100,611	44,866		8,884	10,305	8,707	4,511	1,462	1,236
In pigs, bars, etc—do	117,300	171,098	144,521	95,941	43,027	46,775	7,368	8,599	7,072	3,875	1,219	1,010
From domestic ore—do	7,803	17,723	38,515	8,081			508	900	1,918	375		
From foreign ore—do	109,497	153,375	106,006	87,860			6,860	7,698	5,154	3,500		
Other lead manufactures—do	[1] 12,122	13,624	13,176	4,670	1,839		1,517	1,706	1,635	636	243	226
Nickel—												
Nickel, monel metal, and alloys—do	3,203	2,353	2,870	2,839	1,777	2,059	604	847	1,116	1,208	648	635
Manufactures							268	959	1,347	924	438	432
Tin and manufactures							1,533	2,155	2,652	1,150	186	162
Zinc							9,119	6,564	3,649	1,777	1,023	1,038
Ore and concentrates[26]—tons of 2,240 lbs.	[17] 61,563	26,171	63				[17] 3,277	1,191	2			
Dross[26]—1,000 lbs.	20,870	9,085	6,980	2,324	765	356	901	382	217	57	19	8
Cast in slabs, plates, blocks, or pigs—do	92,236	53,083	28,688	9,265	1,236	12,943	6,349	3,543	1,871	450	51	278
Rolled in sheets, strips, etc—do	6,647	8,808	10,529	7,735	5,518	6,020	695	940	1,075	761	461	433
Dust—do	[1] 5,094	2,355	2,511	2,354	2,800	2,756	[1] 389	225	250	194	204	189
Other zinc manufactures—do	[1] 926	2,101	1,244	1,976	2,046	1,251	207	283	234	315	288	130

[1] Average for years 1922–1925. [3] Average for years 1923–1925. [5] Average for years 1929 and 1930. [6] Average for years 1927–1930. [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. 480.—Exports of United States Merchandise, by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 0.—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	1,044	1,122	410	237	187	318	326	244	72	43
Babbitt metal—do	1,239	1,646	2,254	1,291	1,005	752	342	522	654	335	214	151
Other metal and alloys—do	[1] 1,388	5,474	8,332	7,208	7,399	6,375	[1] 560	1,326	1,525	1,604	1,935	1,172
Plated ware, other than gold or silver							888	952	1,044	797	403	170
Type—1,000 lbs.	585	665	688	611	240	165	337	363	347	269	121	67
Other metal and metal composition manufactures, n. e. s.							3,490	3,887	4,641	3,599	1,639	687
G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin							3,138	4,457	4,141	3,038	2,151	1,989
Platinum—												
Ingots, sheets, wire, alloys, and scrap—ozs. (troy)	5,593	8,830	2,567	1,037	1,209	20,106	589	741	193	62	41	665
Manufactures, except jewelry—do	1,481	1,568	1,455	769	1,190	2,032	115	121	112	41	48	107
Jewelry							827	1,264	1,576	1,065	855	372
Gold and silver ware, except cutlery and jewelry—												
Silver plated—												
Tableware							946	254	315	194	75	74
Other articles								188	191	189	67	----------
Gold-plated articles								347	249	175	105	----------
Gold manufactures, n. e. s.							662	1,264	1,273	1,100	861	659
Silver manufactures, n. e. s.								276	232	205	99	112
GROUP 7.—MACHINERY AND VEHICLES												
Total							531,382	934,545	1,198,151	830,076	484,536	221,745
A. Electrical machinery and apparatus							68,838	102,711	127,965	116,554	83,941	43,039
Generators—												
Direct current—												
Under 500 kilowatts—number	[1] 8,462	3,367	3,622	2,804	889	293	4,149	1,021	1,297	744	288	59
500 kilowatts and over—do		80	85	37	7	2		611	863	462	187	15
Alternating current—												
Under 2,000 kilovolt-amperes—do		308	439	260	234	100		239	296	313	138	158
2,000 kilovolt-amperes and over—do		24	18	23	12	6		748	312	664	1,367	689
Steam turbine generator sets—do	[2] 444	1,003	537	1,361	168	103	[2] 436	1,342	1,024	1,597	1,024	109
Accessories and parts for generators							[1] 1,130	968	980	708	1,118	560
Arc welding sets—number		[2] 424		424	403	295		[2] 439		439	541	275
Self-contained lighting outfits—do	[1] 2,764	4,035	3,930	2,667	1,341	424	[1] 727	1,129	1,191	846	339	115

Batteries—												
Flashlight batteries.....thousand cells	[1] 8,600	39,898	53,675	71,820	65,600	47,834	3,940	2,790	3,466	3,618	2,599	1,870
Radio B and C batteries (dry).....do		1,930	8,943	6,362	4,018			2,157	1,033	578	325	178
Other batteries, n. e. s.....thousands		7,495	5,305	746	263	90			1,707	267	110	87
Storage batteries.....do		335	353					3,420	3,475	3,109	2,172	1,064
6-volt storage batteries.....do		[2] 263		263	242	163		[2] 1,815		1,815	1,466	817
Other storage batteries.....thousand cells		[2] 136		136	72	36		[2] 1,294		1,294	706	247
No. 6 dry-cell batteries.....thousands		[2] 2,439		2,439	1,922	798		[2] 577		577	447	184
Transforming or converting apparatus—												
Power transformers, 500 kilovolt amperes and over.....number	[1] 58,556	2,487	876	83	46	5,199	2,467	1,351	2,010	807	622	
Distribution transformers, less than 500 kilovolt-amperes.....number		6,401	7,313	8,008	2,895	1,173			1,298	1,864	572	193
Instrument transformers.....do			2,895	4,995	3,820	1,905		1,264	155	237	156	84
Other transformers.....do		62,003	95,750	67,256	44,581	20,163			1,451	1,178	491	219
Battery chargers under 15 amperes.....do			40,605	14,360	4,329	1,424			235	149	54	26
Rectifiers, double current and motor generators, dynamotors, synchronous, and other converters.....number	[1] 50,865	60,231	6,587	4,481	4,736	2,124	[1] 1,122	1,504	1,278	1,152	1,151	261
Transmission and distribution apparatus—												
Switchboard panels, except telephone.....number	[1] 5,538	4,124	3,398	4,836	2,678		4,246	1,756	1,183	2,156	1,712	319
Switches and circuit breakers over 10 amperes.....thousands		365	457	251	57			2,202	2,259	2,390	1,292	502
Fuses.....do	[1] 2,914	4,761	5,714	4,696	2,289	1,186	[1] 284	422	574	377	188	80
Watt-hour and other measuring meters.....number	[1] 185,927	76,951	125,888	63,641	63,341	24,194	1,969	780	1,266	726	567	232
Volt, watt, and ampere meters, and other recording, indicating, and testing apparatus.....number		[27] 245,003						2,022	2,075	2,202	1,468	1,064
Electrical indicating instruments.....do		[7] 64,322	55,972	78,388	52,200	27,445		[7] 663	701	835	529	265
Electrical recording instruments.....do		[7] 5,768	4,092	7,061	2,829	2,776		[7] 330	326	447	303	258
Other electrical testing apparatus								[7] 947	1,048	920	636	541
Lightning arresters, choke coils, reactors, and other protective devices.....number	[1] 80,045	86,735	113,747	71,113			[1] 730	813	995	851	607	336
Motors, starters, and controllers—												
Motors ⅓ horsepower and under.....do	[1] 101,750	136,572	146,415	143,236	112,408	49,226	7,531	2,824	2,699	2,413	1,486	493
Motors over ⅓ and under 1 horsepower.....number			23,067	22,022	13,188	5,678			778	658	335	145
Stationary motors—												
1 to 200 horsepower.....do		21,687	24,210	19,464	10,459	3,397		3,358	4,251	3,392	1,491	496
Over 200 horsepower.....do		198	173	264	87	20		553	338	695	644	63
Railway motors.....do		652	328	217	213	65		629	304	199	177	48
Electric locomotives—												
Railway.....do	116	53	71	33	7	8	1,914	1,022	656	866	169	787
Mining and industrial.....do		117	102	137	80	39		613	466	736	440	136
Other motors							116					
Station and warehouse electric motor trucks.....number	223	180	115	167	94	18	162	204	187	279	220	25

[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	2,028	1,651	1,256	479
For electric railway and vehicle motors								210	204	160	194	68
Portable electric tools—number		23,272	27,922	21,562	14,780	6,462		1,077	1,364	1,206	785	323
Accessories and parts for motors							[1] 1,709	2,607	3,494	2,410	1,761	771
Electric household refrigerators—number		[3] 39,256	62,067	56,658	55,800	37,719		[3] 7,084	9,945	8,236	6,860	3,360
Electric commercial refrigerators up to 1 ton—number		[2] 10,900		10,900	12,204	10,613		[2] 2,061		2,061	1,766	1,372
Parts for electric refrigerators											3,004	1,963
Electric appliances—												
Electric fans—number	64,008	76,700	84,930	92,714	49,327	27,095	978	1,026	1,187	1,052	434	223
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	8,732	8,452	6,332	4,251	1,565	1,426	1,311	1,211	816	532
For automobiles, flashlights, and Christmas trees—thousands		[2] 3,110		3,110	3,248	2,242		[2] 194		194	215	119
Other metal filament bulbs—do		[2] 5,342		5,342	3,084	2,009		[2] 1,017		1,017	601	413
Other electric lamp bulbs—do	564	2,060	3,018	588	224	99	262	444	635	268	90	44
Flashlight cases—do	[1] 894	2,573	3,157	1,879	1,052	796	[1] 716	2,207	2,589	1,386	530	300
Searchlights and floodlights—number	[1] 12,319	18,073	20,429	16,036	6,148	2,128	[1] 397	635	572	517	295	86
Motor-driven household devices—												
Electric washing machines—number		23,328	28,896	26,265	15,556	6,710	[3] 189	1,566	2,000	1,710	870	254
Electric vacuum cleaners—do		[7] 75,143	69,897	95,268	74,872	40,646			1,489	1,724	1,184	377
Other motor-driven devices, except tools—number		[7] 29,471	32,762	28,449	17,304	9,569	[1] 900	2,480	1,129	820	451	176
Electric flatirons—do		[7] 141,153	157,055	124,606	95,415	55,382			380	275	198	87
Domestic heating and cooking devices—												
Electric cooking ranges—thousands		[7] 7	6	6	6	2	1,132	1,464	354	444	413	141
Other domestic heating and cooking devices—thousands		[7] 295	301	292	207	118			1,008	1,010	636	250
Industrial electric furnaces and ovens—number	[1] 1,812	2,656	2,706	4,556	3,759	2,138	[1] 236	518	485	863	902	221
Therapeutic apparatus, X-ray machines, galvanic and faradic batteries, etc							[1] 982	1,692	1,947	1,597	1,123	641
Signal and communication devices—												
Radio apparatus—												
Transmitting sets and parts							[1] 5,570	962	1,940	1,144	805	664
Receiving sets—number		137,558	200,936	245,192	471,263	290,673		6,342	9,776	11,550	14,357	7,322
Tubes—thousands		990	1,233	1,774	2,375	3,759		1,450	1,997	2,363	1,947	2,013
Receiving-set components								3,234	4,419	4,375	3,888	2,517
Loud speakers—thousands		[3] 232	243	221	231	138		3,271	2,289	1,636	1,064	456
Other receiving set accessories									2,700	2,066	676	341

Telegraph apparatus							606	951	1,071	764	309	163
Telephone apparatus—												
Telephone instruments, number		37,740	68,920	34,170	19,944	6,871		547	981	526	320	81
Telephone switchboards, do		1,354	2,575	1,151	138	153	3,603	1,185	1,626	953	91	80
Other telephone equipment								3,108	3,961	3,895	1,467	669
Bells, buzzers, annunciators, and alarms							[1] 123	347	402	355	489	174
Other electrical apparatus—												
Starting, lighting, and ignition equipment							1,744	1,641	1,846	1,366	671	617
Insulating material, 1,000 lbs	[1] 4,509	5,554	6,828	5,501	2,275	1,602	[1] 1,352	1,342	1,495	1,123	563	246
Metal conduit, outlet, and switch boxes, 1,000 lbs	[1] 6,010	13,554	16,702	14,665			536	1,258	1,549	1,209	584	307
Sockets, receptacles, and lighting switches, thousands	[1] 4,697	10,521	11,709	9,855	6,972	3,919	[1] 1,110	1,876	2,129	1,800	1,374	692
Electric interior lighting fixtures								2,466	2,617	2,159	1,264	422
Electric street lighting fixtures							1,886		623	502	291	120
Other wiring supplies and line material								1,318	1,447	1,549	936	382
Other electrical apparatus, n. e. s							12,032	9,346	13,474	10,042	4,671	2,605
B. Industrial machinery							166,526	216,042	265,208	225,637	141,835	58,491
Power-generating, except electric and automotive							30,901	25,239	29,091	19,303	12,368	4,996
Steam engines—												
Stationary, except turbines, number	703	392	359	173	55	26	718	463	399	175	37	50
Mechanical-drive turbines, do	[1] 124	87	113	95	61	33	[1] 997	533	382	443	268	309
Locomotives, do	467	189	207	47	23	9	11,891	3,812	4,767	673	1,298	115
Locomotive parts and accessories							5,840	3,053	1,877	1,218	731	467
Other engines and parts									926	672	316	121
Steam boilers, fire tube, 1,000 sq. ft.[18]	[1] 717	730	297	202	69	24	2,263	1,656	684	517	121	40
Steam boilers, water tube, do			573	355	134	48			1,407	724	224	77
Condensers, heaters, accessories							[1] 391	777	1,071	867	408	221
Steam specialties—injectors, gauges, safety valves, steam traps, boiler-tube cleaners, etc							[1] 1,603	2,131	2,796	1,952	1,079	675
Internal-combustion engines—												
Stationary and portable engines—												
Gasoline locomotives, number	[17] 253	291	389	173	62	19	[17] 315	738	1,071	531	225	69
Diesel and semi-Diesel, do	[1] 1,068	744	904	301	280	51	[1] 528	1,251	1,261	992	386	221
Other—												
Not over 10 horsepower [20], do	27,262	32,357	35,651	24,209	7,407	3,821	4,031	2,795	3,067	1,834	570	246
Over 10 horsepower [20], do		3,788	4,494	4,105	4,458	711		2,169	2,346	2,302	2,264	344
Marine engines, Diesel and semi-Diesel, number	[1] 282	885	1,189	906	324	111	[1] 377	1,678	2,416	2,310	833	396
Engine accessories and parts (carburetors)							[1] 3,422	3,718	4,265	3,329	2,102	1,178
Water wheels and water turbines, number	[1] 237	73	65	54			[1] 302	465	356	763	1,496	467
Construction and conveying machinery							9,155	22,188	28,485	25,490	12,370	3,828
Excavators, incl. power shovels, number	[1] 139	473	648	552	218	72	1,631	5,845	7,296	8,079	3,270	866
Excavator parts and accessories							[17] 893	2,037	2,490	2,660	1,528	519

[1] Average for years 1922–1925. [2] 1930 only. [3] Average for years 1929 and 1930. [7] Average for years 1928–1930. [8] Average for years 1927–1930. [17] 1925 only.
[18] Heating surface. [20] "Not over 8 horsepower" and "over 8 horsepower" prior to 1925.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 7.—MACHINERY AND VEHICLES—Continued												
B. Industrial machinery—Continued.												
Construction and conveying machinery—Con.												
Dredging machinery							[1] 598	924	925	1,101	772	424
Concrete mixers—number	[1] 861	1,724	2,172	1,296	402	82	629	1,044	1,402	844	251	73
Road rollers—do		151	109	101	57	11		379	309	309	137	17
Road graders—do		[2] 935		935	304	109	980	2,241	897	1,047	344	88
Other road-making equipment									1,934	1,897	750	191
Other construction equipment							[1] 888	1,005	1,119	818	426	168
Cranes with swinging booms—number	[1] 233	108	129	138	38	7	[1] 1,088	869	850	756	521	22
Other cranes—do		278	332	246	70	22		1,259	1,909	1,420	546	73
Mono-rail hoists—do			197	92	50	7			34	22	52	5
Other hoists—do	[1] 4,704	7,895	9,223	6,994	3,575	557	[1] 886	1,556	1,401	1,329	499	195
Derricks, except mining—do			277	161	16	12			541	300	37	24
Elevators, freight and passenger—do		625	925	470	199	109		1,114	1,387	952	603	357
Conveyors, bucket, chain, or belt—do		1,339	1,171	913	561	117	2,969	513	466	586	283	89
Other conveying equipment								3,402	3,527	3,370	2,351	717
Mining, well, and pumping machinery							94,783	43,778	54,449	48,549	25,256	10,566
Mining and quarrying machinery—												
Coal cutters—number	[2] 78	137	95	111	83	33	[2] 206	[3] 493	311	436	249	114
Rock drills—do	[1] 6,108	10,559	13,644	8,634	5,686	3,301	[1] 1,065	1,829	2,254	1,478	864	506
Mine hoists and derricks—do	[1] 228	966	1,523	1,295	586	266	[1] 248	702	1,152	815	338	171
Ore crushing and sorting							[1] 1,798	3,729	4,262	4,094	2,463	1,030
Concentrating and smelting							[1] 442	970	1,222	1,085	936	142
Other mining and quarrying							6,058	7,445	8,753	7,876	4,881	2,118
Well and refinery machinery—												
Oil and gas well-drilling apparatus							7,762	8,719	9,081	9,627	3,557	1,680
Other oil-well and oil-refinery								10,294	14,822	13,196	6,772	2,741
Other well-drilling apparatus								[3] 1,049	1,102	995	323	84
Pumping equipment—												
Centrifugal pumps—number		4,709	6,114	5,252	2,950	1,527		1,381	2,145	1,554	807	441
Steam pumps—do		6,445	8,330	4,807	2,187	857		1,688	2,265	1,486	682	226
Other reciprocating power pumps—do		20,168	20,152	18,423	9,284	6,698	8,038	2,658	2,614	2,306	1,358	507
Hand and windmill pumps—do		88,975	73,498	54,099	24,257	14,748		739	754	526	174	93
Other pumps and parts of pumps								2,712	3,713	3,077	1,352	713
Power-driven metal-working machinery							[3] 13,814	26,211	33,439	35,490	36,034	12,024
Engine lathes—number	[1] 1,059	747	879	1,053	496	187	1,726	1,586	1,928	2,206	1,718	651
Turret lathes—do		359	522	404	226	42		1,018	1,405	1,402	715	93
Other lathes—do		702	948	657	684	281		1,298	1,856	1,241	1,592	430

Vertical boring mills and chucking machinery—number		172	208	315	225	66		392	452	684	953	404
Thread-cutting and automatic screw machines—number	[1] 886	852	1,054	660	254	138	[1] 630	1,073	1,552	969	511	261
Knee and column type milling machines—number	[1] 540	324	537	314	151	125	[1] 778	784	1,290	894	603	325
Other milling machines—do		580	681	679	452	172		1,359	1,559	2,180	1,763	664
Gear-cutting machines—do	[1] 378	367	434	398	380	149	[1] 390	947	1,331	962	1,603	679
Vertical drilling machines—do		406	395	456	321	92		415	425	575	686	158
Radial drilling machines—do		119	142	156	116	52		275	355	334	256	118
Other drilling machines—do		1,625	2,051	1,544	1,612	467		646	702	1,128	1,637	527
Planers and shapers—do	[1] 233	435	482	322	304	85	[1] 354	723	911	964	808	194
Grinding machines—												
Surface—do		[5] 231	288	174	171	63		[5] 324	327	321	515	131
External cylindrical—do		699	824	509	401	132		1,589	1,866	1,357	1,397	349
Internal—do		390	468	311	248	113		931	1,190	967	1,032	375
Tool grinding, cutter grinding, and universal—number		1,054	1,416	1,568	789	348	1,588	525	656	753	605	283
Other metal-grinding machines								805	1,057	1,106	1,177	549
Sheet and plate metal-working machines								2,702	3,330	4,619	5,555	2,164
Forging machinery								1,347	1,764	1,847	3,984	811
Rolling-mill machinery								885	1,658	1,187	1,390	426
Foundry and molding equipment							[1] 515	1,785	2,035	3,589	2,284	343
Other power-driven metal-working machinery and parts							[10] 8,367	4,995	5,790	6,204	5,250	2,089
Other metal-working machinery							[1] 3,127	4,172	4,754	3,862	4,002	1,844
Pneumatic portable tools—number	[1] 12,254	20,581	24,736	18,511	9,672	4,762	[1] 813	1,614	2,034	1,479	783	350
Other portable and hand or foot operated metal-working machines and parts								897	1,222	990	558	387
Chucks for machine tools—number	[1] 23,782	18,945	20,706	21,441	9,074	5,813	[1] 295	239	288	214	129	38
Machine-operated pipe and thread cutters, stocks, dies, taps, and other machine-operated cutting tools											1,307	744
Other metal-working tools							[1] 2,018	1,422	1,211	1,179	1,225	325
Textile, sewing, and shoe machinery							23,690	23,374	27,834	18,424	12,716	9,441
Textile machinery							12,588	11,408	13,657	8,661	6,787	4,316
Full-fashioned hosiery knitting machines, power driven—number		[2] 85		85	2	43		[2] 455		455	21	84
Circular hosiery knitting machines—number		6,649	5,785	2,215	2,168	1,196		2,736	2,602	1,075	809	476
Other circular knitting machines—do		1,432	1,348	746	1,174	1,136		657	630	399	620	400
Other knitting machines and parts							[1] 3,211	1,394	2,143	1,169	750	498
Textile winding machines—number		[2] 1,091		1,091	1,569	1,066		[2] 360		360	629	547
Cotton spinning and twisting machines							[3] 456	525	565	542	463	196
Cotton looms—number		[3] 1,452	2,489	414	1,292	580	511	543	633	173	378	194
Other cotton machinery							[9] 1,041	785	1,127	888	493	361

[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. 480—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	348	218	160	98
Silk machinery							[1] 254	542	826	768	519	254
Other textile and textile finishing machinery							[1] 3,244	3,770	4,784	2,614	1,945	1,208
Sewing machines—												
For domestic use.....number	[1] 246,151	173,222	196,070	116,898	51,811	112,058	8,210	4,616	5,439	3,128	1,164	1,621
For factory or industrial use.....do		57,883	70,033	49,145	42,335	29,349		4,054	4,886	3,644	2,740	2,184
Sewing-machine parts							[1] 1,861	1,600	1,864	1,314	1,025	717
Shoe machinery, except sewing							1,404	1,695	1,988	1,678	1,000	603
Other industrial machinery							61,681	71,080	89,167	74,519	39,095	15,792
Cigarette, cigar-making, and other tobacco machinery								[7] 1,380	1,296	1,635	1,704	506
Bakery machinery and parts								[8] 837	1,002	789	466	183
Flour-mill and gristmill							1,135	647	686	478	251	123
Rice-mill machinery							[1] 187	205	197	139	65	79
Sugar-mill machinery—												
Cane mills.....number		3,022	3,166	1,782	1,007	431	8,405	480	721	287	105	104
Other sugar-mill machinery								4,182	3,716	4,029	1,048	1,002
Paper and pulp-mill machinery							2,134	3,633	3,917	3,511	1,276	696
Sawmill machinery							740	877	941	758	528	176
Planers, matchers, jointers, and molders .....number	[17] 188	208	237	77	60	19	[17] 198	235	285	126	74	11
Other woodworking machinery and parts							1,571	1,809	2,522	1,776	886	293
Veneer machinery								[2] 80		80	26	30
Blowers and ventilating machinery							[3] 514	1,366	2,163	1,726	1,077	427
Bottling and bottle-washing machinery								[5] 1,636	1,834	1,437	839	317
Brewers' machinery							638	981	1,026	620	355	61
Ice-making equipment								776	722	830	565	350
Refrigerating equipment—												
Up to 1 ton capacity [31]							2,150	2,548	1,815	1,440	285	56
Over 1 and up to 10 tons capacity [31]									1,401	921	422	190
Over 10 tons refrigerating capacity								846	917	922	289	221
Oil-mill machinery							[1] 323	866	974	703	241	138
Cotton gins, cotton presses, and parts							506	490	478	338	268	47
Ball and roller bearings, and parts..1,000 lbs	[1] 2,464	3,492	4,296	4,444	2,323		[1] 1,485	2,464	3,236	3,260	1,751	720

Air compressors—												
Capacity up to 25 cubic feet.....number	[1] 5,790	11,431	14,018	9,711	5,647	2,465	3,120	1,162	1,272	884	513	192
Capacity over 25 cubic feet.....do		3,964	5,418	3,679	1,387	681		4,932	6,317	4,721	1,577	1,078
Portable air compressors.....do					520	412					441	457
Meat and other grinding and slicing machines.....number		[8] 31,470	10,091	8,775	6,799	2,230		[8] 994	1,004	913	728	224
Paint-spraying equipment								[7] 671	781	638	409	189
Laundry machinery—												
Power-driven laundry machines for commercial laundries.....do		2,591	3,822	2,531	1,022	198	1,392	1,483	2,034	1,443	839	147
Other laundry and dry-cleaning equipment								1,780	2,780	1,975	1,143	363
Gas meters.....number	[1] 34,062	22,978	25,020	18,099	8,035		590	326	404	303	110	81
Water meters.....do		29,940	21,898	44,534	47,981			455	390	469	395	192
Iron or steel body valves for steam, water, oil, and gas.....thousands		[7] 249	343	208	104			[7] 3,619	4,521	3,865	1,329	610
Other parts, n. e. s.							37,357	32,999	39,805	33,439	19,090	6,549
C. Office appliances							**23,466**	**44,969**	**58,754**	**42,218**	**24,982**	**14,869**
Accounting and calculating machines—												
Billing and bookkeeping machines.number	20,933	10,545	11,581	8,851	4,609	2,688	4,451	5,311	6,421	5,463	3,310	1,701
Listing-adding-bookkeeping.....do		[8] 4,577	4,272	1,920	1,354	566		[8] 2,681	2,872	1,765	1,338	562
Typewriter-bookkeeping-billing.....do		[8] 6,483	7,309	6,931	3,255	2,122		[8] 3,119	3,549	3,698	1,972	1,139
Nonlisting adding machines.....do		[8] 2,037	3,540	1,064	240	67		[5] 146	263	91	16	4
Listing-adding machines.....do		31,562	36,211	29,134	16,036	11,386		3,088	3,546	2,785	1,568	884
Calculating machines.....do		12,431	14,886	10,834	5,417	2,950		2,143	2,762	2,120	899	485
Card punching, sorting, and tabulating machines.....number		1,439	1,376	1,591	1,484	935		1,057	869	1,035	999	844
Other, including used and rebuilt.....do		3,864	3,340	4,319	7,954	4,356		276	259	290	272	234
Parts for accounting and calculating machines											841	540
Duplicating machines, parts and supplies for							[1] 450	656	811	873	602	442
Cash registers.....number	17,269	36,182	43,680	35,826	22,142	8,292	3,436	7,302	9,525	7,579	4,082	1,450
Parts of cash registers							359	767	1,080	938	378	263
Typewriters.....number	[1] 254,463	368,542	425,243	319,070	211,945	139,902	14,192	19,918	22,843	16,683	9,852	6,300
Standard typewriters, new.....do	[17] 205,407	203,806	229,190	158,421	87,574	46,918	[17] 14,010	14,006	15,771	10,963	5,838	3,214
Portable typewriters, new.....do	[17] 85,602	123,633	146,193	117,272	84,287	72,720	[17] 3,087	4,629	5,491	4,385	2,996	2,601
Used and rebuilt typewriters.....do	[17] 27,315	41,103	49,860	44,277	40,084	20,264	[17] 924	1,284	1,581	1,335	1,018	485
Typewriter parts							[1] 834	1,044	1,269	1,099	693	917
Other office appliances								3,291	4,105	3,262	1,469	804
D. Printing machinery							**9,606**	**16,097**	**19,061**	**15,323**	**8,668**	**4,716**
Typesetting machines.....number	[1] 1,249	1,377	1,727	1,120	702	298	3,641	4,584	5,770	3,960	2,334	1,011
Printing presses.....do	[1] 2,724	2,799	3,005	2,567	1,244	480	5,282	5,989	6,472	4,836	2,116	1,635
Bookbinding machinery and accessories								[2] 433		433	323	254
Other printing and typesetting machinery and accessories							[9] 1,705	5,437	6,819	6,094	3,895	1,816

[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.
[21] 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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 7.—MACHINERY AND VEHICLES—Contd.												
E. Agricultural machinery and implements							51,913	109,901	140,801	115,809	57,403	10,548
Bee-keeping equipment								[5] 115	130	100	71	24
Cream separators—number	8,551	12,491	12,420	14,590	9,062	6,992	406	722	700	879	508	361
Other dairy machinery and parts							[1] 902	1,455	1,769	1,338	666	374
Incubators and brooders—number	[1] 11,216	27,389	30,767	26,934	9,768	2,642	237	719	879	868	292	82
Other poultry equipment, n. e. s.								[7] 241	252	285	140	82
Implements of cultivation—												
Horse and power plows—number		184,546	244,882	151,269	53,433	15,164		8,227	8,189	6,096	1,397	370
Harrows—do	[1] 242,067	32,590	51,072	22,536	3,320	1,185	6,162	1,768	2,617	1,437	193	82
Cultivators, horse and power—do		58,802	69,292	54,418	19,535	6,728		1,137	1,506	1,279	504	95
Planters, horse and power—do	[1] 18,568	11,308	11,706	24,162	5,046	623	1,141	487	494	977	569	32
Drills and seeders, horse and power—do		18,639	24,424	16,365	1,703	553		1,808	2,651	1,290	221	57
Sprayers and dusters—do	[17] 36,933	158,755	59,533	537,581	917,898	1,018,172	[17] 255	406	335	479	367	226
Other cultivating implements and parts							[1] 3,241	4,716	6,030	3,964	1,763	895
Harvesting machinery—												
Mowers, except lawn—number	[1] 68,724	14,084	13,400	9,218	2,026	1,037	2,813	874	863	580	138	74
Lawn mowers, hand and power—do		100,890	103,167	77,685	40,576	15,449	[39] 543	791	848	557	332	142
Hayrakes and tedders—do	[1] 10,388	8,246	9,810	7,272	908	247	389	315	389	343	38	10
Grain harvesters and binders—do	[1] 29,503	26,224	21,378	14,630	4,055	1,389	[1] 4,738	4,300	4,191	2,821	718	225
Combines (reapers, threshers)—do	[17] 1,720	6,785	10,887	6,573	2,608	382	[17] 1,028	8,730	15,536	9,024	6,237	480
Other harvesting implements and parts							[1] 3,292	4,103	5,837	3,956	2,146	693
Seed separators—												
Threshers—number	[1] 5,175	4,115	2,806	1,414	214	123	4,785	3,913	2,560	1,432	218	101
Corn shellers—do	[1] 10,626	15,942	17,851	10,870	2,862	547	[1] 212	280	363	197	54	5
Other separators and parts							[1] 1,158	1,696	1,051	572	500	95
Feed cutters, grinders, and crushers—number	[1] 2,910	7,318	8,554	5,875	3,212	1,988	[1] 165	342	427	361	199	147
Wheel tractors—do		51,933	54,353	44,774	27,079	1,629		40,096	49,108	44,188	26,981	1,485
Track-laying tractors—do		3,413	5,802	5,122	1,739	887		7,036	11,275	12,445	4,120	1,589
Track-laying tractors less tracks—do	22,965	[7] 532	648	244	11	2	14,312	[7] 1,064	1,390	639	26	7
Engines for tractors—do		1,055	842	279	28	15		462	286	122	6	19
Parts and accessories for tractors							2,559	10,066	13,165	14,494	6,815	2,045
Windmills—number	[1] 11,558	22,160	32,492	13,657	4,694	2,465	1,105	1,389	1,787	853	291	121
Towers and parts of windmills, except pumps							[1] 528	776	956	598	150	97
Hay presses, hand and power—number	[1] 1,022	929	1,190	599	140	58	[1] 252	275	342	190	46	20
Other agricultural machinery, implements, and parts							5,831	3,814	4,893	3,400	1,694	567
F. Automobiles and other vehicles							211,034	444,825	591,362	314,536	167,705	90,082
Automobiles, parts, and accessories							177,164	406,184	541,396	279,127	148,125	76,255

Electric trucks and passenger cars.....number	[1] 202	113	170	34			[1] 280	176	248	62			
Motor trucks, busses, and chassis.....do	25,952	118,473	196,760	84,512	48,248	24,964	18,165	75,190	111,435	55,856	25,101	11,717	
Under 1 ton.....do					7,708	2,226					2,633	605	
1 and not over 1½ tons.....do	[1] 29,324	115,427	193,430	80,254	34,997	19,745	[1] 16,712	67,392	102,881	46,962	15,273	7,927	
Over 1½, not over 2½ tons.....do					3,611	2,090					4,174	1,745	
Over 2½ tons.....do	[1] 1,246	3,046	3,330	4,258	1,375	758	[1] 3,411	7,798	8,554	8,894	2,449	1,303	
Bus chassis.....do					176	18					399	65	
Secondhand trucks and busses.....do					321	127					123	72	
Passenger cars and chassis.....do	124,092	275,627	339,447	153,069	82,457	41,440	94,339	197,649	234,291	105,979	50,007	23,591	
Not over $850.....do					66,142	35,533					31,735	16,960	
Over $850, not over $1,200.....do	[1] 143,982	267,230	329,475	147,742	9,986	3,299	[1] 100,242	177,168	210,642	93,278	9,582	3,143	
Over $1,200, not over $2,000.....do					2,787	1,238					4,000	1,638	
Over $2,000.....do	[1] 3,396	8,397	9,972	5,322	1,515	586	[1] 9,473	20,481	23,650	12,701	3,836	1,544	
Secondhand passenger cars.....do					2,027	784					853	305	
Parts of, except tires—													
Automobile engines—													
For motor trucks and busses.....do	54,420	10,750	8,331	19,489	6,034	1,659	6,355	1,141	1,155	1,635	854	286	
For passenger cars.....do		88,420	87,072	41,106	18,958	20,663		9,315	9,061	3,991	1,516	1,584	
Automobile parts for assembly								62,237	107,673	61,260	39,963	21,048	
Automobile parts for replacement—								52,187	68,128	44,802	27,468	16,278	
Spark plugs, thousands		[7] 5,910	6,825	6,356	5,900	5,560		[7] 1,739	2,098	1,702	1,432	1,311	
Other parts for replacement, n. e. s								51,144	66,030	43,100	26,036	14,967	
Automobile accessories							58,081	8,277	9,406	5,544	3,216	1,753	
Automobile shock absorbers and stabilizers.....number		[7] 351,607	308,968	245,302	214,051	49,592		[7] 825	769	452	326	103	
Automobile bumpers.....do		41,180	39,714	15,932	21,147	1,072		[7] 201	198	62	57	6	
Automobile horns, hand and electric.....do		[5] 125,583	134,792	116,374	96,909	108,804		[5] 325	383	267	199	178	
Other accessories, n. e. s								[7] 6,834	8,056	4,763	2,634	1,467	
Automobile service appliances, n. e. s							[3] 3,117	6,927	7,531	5,879	3,719	1,451	
Automobile tire-service equipment								[7] 858	867	573	317	105	
Pumps for gasoline and oil.....number		97,425	127,632	86,937	34,827	11,040		[7] 3,145	3,282	2,190	955	362	
Other service appliances								[7] 2,922	3,382	3,126	2,447	984	
Automotive fire engines.....number	[8] 95	42	50	17	17	9	[8] 169	135	146	45	95	64	
Trailers.....do	[1] 654	1,029	1,039	1,322	593	382	[1] 264	457	477	648	208	295	
Airplanes, seaplanes, and other aircraft.....do	54	189	348	321	140	280	341	2,643	5,485	4,820	1,813	4,359	
Engines for aircraft.....do	[1] 112	252	322	376	307	2,356	[1] 132	948	1,383	1,635	1,432	1,518	
Aircraft parts and accessories, except tires							150	1,316	2,253	2,363	1,623	2,070	
Cycles—													
Bicycles.....number	[1] 14,591	5,024	6,108	3,746	1,434	795	463	131	141	99	36	18	
Motor cycles.....do	17,759	17,520	16,265	10,262	5,469	1,969	4,386	3,963	3,711	2,410	1,302	414	
Parts and accessories, except tires							[1] 1,637	1,316	1,132	955	567	326	
Motor boats with engines installed.....number	135	404	560	497	205	96	405	766	1,183	819	416	210	
Internal-combustion marine engines, except Diesel—													
Detachable motors (outboard).....number	5,038	8,149	11,321	7,241	4,166	2,293	1,199	1,143	1,790	1,058	419	209	
Other.....do		3,015	4,127	2,142	1,352	519		1,461	2,126	1,171	1,356	216	

[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.
[10] 1925 only.
[22] Average for years 1921, 1922, and 1925.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 7.—MACHINERY AND VEHICLES—Contd.												
F. Automobiles and other vehicles—Continued.												
Railway cars—												
Passenger service—												
Electric railway—number	[33] 1,187	78	95	19	22	28	[33] 1,584	657	750	205	30	440
Steam railway—do	143	232	315	107	25	3	1,347	1,558	2,887	493	586	18
Self-propelled railway and tram cars—do		[5] 427	386	468	533	308		[4] 405	155	654	665	332
Freight cars—do	6,654	3,516	3,854	2,918	887	179	8,276	4,247	5,916	4,939	1,523	187
Mine cars—do	[1] 1,916	1,474	2,033	1,084	334	88	[1] 420	414	801	244	136	11
Air-brake equipment							[1] 898	1,030	979	666	317	265
Parts, except axles and wheels							5,506	4,085	5,397	2,817	1,344	810
Railway signals and attachments							[1] 796	838	1,240	959	873	124
Wagons and drays—number	8,389	4,971	5,554	2,138	882	189	705	483	541	293	131	49
Wheelbarrows—do	[1] 92,965	93,158	96,369	46,548	16,800	9,721	600	373	378	177	63	32
Pushcarts and hand trucks—do		12,406	11,000	11,040	5,733	2,599		246	221	247	130	60
Wheels, except automobile and car—thousands	[1] 184	112	95	62	89	67	[1] 204	257	276	172	123	55
Other vehicles and parts							3,618	3,103	3,084	1,638	674	295
GROUP 8.—CHEMICALS AND RELATED PRODUCTS												
Total							107,564	134,954	152,109	127,855	100,094	70,408
A. Coal-tar products							9,668	15,940	17,876	17,557	10,308	8,752
Benzol—1,000 galls	9,730	28,843	33,346	44,600	21,861	3,241	2,501	7,049	8,537	9,566	3,795	612
Crude coal tar—1,000 bbls [12]		[5] 98	109	87	71	400	701	1,297	389	274	207	889
Coal-tar pitch—tons of 2,240 lbs		[5] 18,513	9,805	27,221	50,667	187,722			204	290	493	2,125
Creosote oil—1,000 gals					1,494	114					215	22
Colors, dyes, stains and color lakes—1,000 lbs	[1] 16,948	30,074	34,130	28,267	20,313	16,097	5,392	6,300	7,279	6,246	4,739	4,071
Other coal tar products exclusive of medicinals—do					13,443	15,042	1,075	1,293	1,466	1,181	860	1,033
B. Medicinal and pharmaceutical preparations							16,418	20,121	21,467	17,800	15,103	10,026
Milk of magnesia—1,000 lbs		[4] 677	691	663	545			[5] 283	294	272	195	143
Castor oil—gals		[5] 80,783	85,831	75,735	70,107	41,857		[5] 133	151	115	117	56
Cod-liver oil—do		[4] 44,454	46,070	42,838	25,841	32,704		[5] 101	117	85	67	60
White mineral oil—do		[7] 281,721	260,489	374,590	321,464	321,120		[7] 371	450	491	329	201
Biologics (antitoxins, serums, vaccines, etc)							[1] 781	2,036	2,530	2,593	2,346	1,832
Druggists nonproprietary preparations										2,996	3,209	2,378
Household pharmaceuticals in small packages							[1] 16,121	17,657	17,925	760	540	334
Proprietary medicinal preparations										10,489	8,300	5,022
C. Industrial chemical specialties							6,421	13,006	15,440	15,589	13,754	9,949
Nicotine sulphate—1,000 lbs		[7] 326	251	635	248	146		[7] 206	218	309	203	105
Lead arsenate—do		[7] 1,643	1,504	2,271	1,788	1,190		[7] 199	192	264	176	96

Calcium arsenate ... do		[7] 2,499	3,140	3,177	2,146	2,534		[7] 135	171	167	101	101
Other agricultural insecticides, etc ... do			7,977	8,352	6,975	6,473			843	718	718	595
Household insecticides, etc ... do		20,093	10,973	12,319	7,355	2,725		4,236	3,262	3,789	2,185	827
Household disinfectants, deodorants, etc ... do			2,249	2,304	2,440	1,448			310	289	283	149
Baking powder ... do	3,890	4,952	5,315	4,517	4,177	2,570	1,568	1,705	1,730	1,434	1,269	616
Petroleum jelly ... do	[1] 8,136	6,976	7,073	11,032	11,064	10,199	1,216	901	926	923	788	611
Tobacco extracts ... do		[8] 1,981	2,039	1,294	1,294	1,316		[8] 432	349	225	219	210
Dextrine or British gum ... do	[1] 19,329	21,239	20,828	17,115	12,671	9,750	[1] 773	920	983	780	536	358
Rubber compounding agents (accelerators, retarders, etc ... do					2,192	1,470					1,157	759
Cementing preparations, for repairing, sealing, and adhesive use ... 1,000 lbs					2,894	2,298					502	371
Textile specialty compounds ... do					4,116	5,590					287	240
Water softeners, purifiers, boiler and feed-water compounds ... 1,000 lbs		[7] 3,092	3,264	3,199	2,249	1,610		[7] 365	394	416	280	217
Metal-working compounds ... do		[7] 1,809	2,240	1,453	1,041	700		[7] 275	336	248	159	110
Polishes—												
Metal and stove polishes ... do	[1] 3,018	2,033	1,850	1,288	868	741	346	305	284	205	127	106
Shoe polishes ... do	[1] 5,376	3,016	2,746	2,146	1,305	1,083	[1] 1,260	876	808	645	406	257
Leather dressings and stains ... do			2,136	1,997	1,823	2,649			417	406	362	338
Floor wax, wood, and furniture polishes ... 1,000 lbs	2,887	4,275	1,577	1,506	1,314	691	665	888	346	310	241	130
Automobile polishes ... do			1,261	1,435	1,098	788			345	366	299	187
Other chemical specialty compounds, n. e. s								[7] 3,536	3,526	4,095	3,454	3,564
D. Industrial chemicals							24,547	24,502	27,166	23,015	19,774	14,958
Acids and anhydrides—												
Sulphuric ... 1,000 lbs	10,468	7,233	6,960	5,471	3,202	3,031	204	148	142	114	60	49
Boric (boracic) ... do		[7] 3,797	5,204	2,804	4,221	3,352		[7] 165	180	125	194	145
Other acids and anhydrides ... do	[1] 14,268	14,089	15,254	12,126	8,250	13,359	984	820	942	846	366	432
Alcohols—												
Methanol [34] ... 1,000 gals	788	540	498	952	583	770	732	367	403	483	241	324
Glycerin ... 1,000 lbs	1,963	1,099	1,374	608	328	260	325	179	198	103	48	29
Other alcohols ... do		[7] 2,811	2,126	3,358	2,723	2,914	721	367	290	441	283	268
Acetone ... do		[7] 5,500	7,897	3,645	3,846	4,404		[7] 492	708	342	283	318
Formaldehyde (formalin) ... do	[1] 2,744	2,670	2,588	3,769	2,905	2,103	320	221	225	246	163	101
Other synthetic organic products ... do		[7] 955	698	1,326	5,536	10,718		[7] 181	156	246	698	1,220
Nitro or aceto cellulose solutions, collodion, etc ... 1,000 lbs		[7] 1,815	2,111	1,828	2,200	2,018		[7] 509	625	520	536	373
Ammonium compounds (except sulphate and anhydrous ammonia) ... 1,000 lbs	[1] 5,124	3,201	1,746	2,365	1,263	1,123	[1] 934	321	102	129	111	49
Aluminum sulphate ... do	[1] 33,900	47,086	53,176	50,509	55,335	43,099	[1] 452	549	608	573	568	463
Other aluminum compounds ... do		[7] 1,135	549	2,018	1,749	653		[7] 115	65	195	171	59
Calcium compounds—												
Calcium carbide ... do	9,482	4,297	4,345	3,987	2,834	2,287	452	184	185	180	121	93
Chlorinated lime or bleaching powder ... do	27,467	13,478	5,024	2,949	1,721	2,397	508	257	128	90	59	62

[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.
[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 8.—CHEMICALS, ETC.—Continued												
D. Industrial chemicals—Continued.												
Calcium compounds—Continued.												
Calcium chloride.....1,000 lbs.	----------	[3] 36,775	30,851	42,699	48,703	35,494	----------	[3] 439	363	514	567	378
Citrate of lime.....do	----------	----------	----------	----------	5,044	6,245	----------	----------	----------	----------	584	464
Other, except arsenate and cyanide....do	22,598	13,626	4,246	4,991	1,626	1,177	644	535	206	558	87	69
Copper sulphate (blue vitriol).....do	4,050	0,231	6,420	5,082	7,191	4,133	206	326	368	253	277	115
Hydrogen peroxide (or dioxide).....do	----------	[6] 2,078	2,238	1,917	1,320	593	----------	[6] 344	383	304	208	88
Potassium compounds (not fertilizer)...do	[1] 7,156	3,616	3,047	2,512	2,318	1,773	465	500	584	499	371	241
Sodium compounds, n. e. s.....do	[1] 355,100	500,694	705,195	518,243	503,669	410,582	8,725	10,548	12,388	10,627	9,992	7,222
Bichromate and chromate.....do	[17] 7,299	7,383	5,855	4,933	4,407	6,178	[17] 445	476	397	327	288	329
Cyanide.....do	[1] 3,014	1,552	1,816	1,242	1,121	539	[1] 368	243	274	181	161	114
Borate (borax).....do	25,979	112,770	159,768	165,863	173,876	179,282	1,176	2,625	2,935	3,058	3,359	2,678
Carbonate (soda ash, sal soda).....do	43,055	68,348	90,404	78,946	64,335	33,318	936	1,269	1,530	1,335	984	545
Silicate (water glass).....do	31,249	57,977	66,735	60,494	58,577	50,343	305	532	617	572	523	401
Hydroxide (caustic soda).....do	100,872	114,211	121,077	126,379	131,189	110,977	3,400	3,363	3,516	3,706	3,465	2,360
Bicarbonate (acid soda or baking soda) .....1,000 lbs.	15,403	19,020	18,947	19,818	18,711	14,619	344	357	357	370	330	252
Sulphate.....do	----------	[5] 6,102	3,332	8,372	9,305	2,870	----------	[6] 83	53	113	76	24
Other sodium compounds, n. e. s.....do	[1] 112,520	116,991	237,262	51,696	41,148	12,756	2,180	1,650	2,709	966	776	519
Tin compounds.....do	----------	[7] 604	658	562	653	582	----------	[7] 182	207	138	127	90
Zinc compounds (except oxide).....do	----------	[7] 3,306	3,423	3,117	2,022	599	----------	[7] 145	154	129	88	46
Gases, compressed and liquefied—												
Ammonia, anhydrous.....do	----------	[7] 2,170	2,329	2,272	1,892	999	----------	[7] 343	374	339	235	134
Chlorine.....do	----------	[7] 6,731	7,168	7,532	8,343	6,383	----------	[7] 249	257	256	243	161
Other gases, n. e. s.....do	----------	[7] 2,662	3,237	2,389	2,398	5,178	----------	[7] 397	427	399	344	343
Other industrial chemicals	----------	----------	----------	----------	----------	----------	9,151	7,199	6,497	4,386	2,780	1,618
E. Pigments, paints, and varnishes	----------	----------	----------	----------	----------	----------	14,765	23,397	29,111	21,689	15,127	10,366
Mineral earth pigments—												
Ocher, umber, sienna, and other forms of iron oxide for paints.....1,000 lbs.	[1] 28,944	39,014	41,960	45,132	16,612	6,354	[1] 925	923	863	535	272	177
Other mineral earth pigments (whiting, barytes, etc.).....1,000 lbs.					16,444	9,083					157	109
Chemical pigments—												
Zinc oxide.....1,000 lbs.	10,517	28,938	35,275	21,507	10,262	2,523	775	1,868	2,302	1,447	717	196
Lithopone.....do	[1] 2,655	6,239	9,112	7,331	7,642	6,425	[1] 146	321	463	380	341	270
Bone black and lampblack.....do	[1] 33,037	3,434	3,201	3,674	2,773	1,182	3,175	204	185	187	131	73
Carbon black.....do		89,527	91,829	84,260	96,714	100,072		5,815	8,271	5,789	5,079	4,436

Red lead, litharge, and orange minerals [35]	do	2,325	4,522	5,780	8,255	6,174	3,972	236	381	503	590	385	191
White lead	do	10,532	12,487	11,815	13,092	10,017	3,362	944	973	922	923	562	174
Other chemical pigments	do	[1] 5,640	5,668	7,356	6,062	5,887	4,570	716	787	1,087	864	740	609
Bituminous paints, liquid and plastic								[3] 275	612	812	747	479	267
Paste paint	1,000 lbs.		[5] 1,721	1,657	1,785	4,054	1,625	6,311	7,961	348	354	529	255
Ready-mixed paints, stains, and enamels	1,000 gals.					1,599	1,045			8,347	5,758	3,309	2,015
Kalsomine or cold-water paints, dry	1,000 lbs.		[6] 8,104	7,674	8,533	6,359	4,549		[3] 437	429	444	333	236
Nitrocellulose (pyroxylin) lacquers—													
Thinners for nitrocellulose lacquers	1,000 gals.					305	205					370	220
Pigmented	do	890	1,265	262	258	333	226	1,587	2,585	881	862	950	604
Clear	do				71	94	79				149	198	160
Varnishes (oil or spirit, and liquid dryers)	do			1,169	774	377	293			2,181	1,442	547	359
Paint and varnish removers	do					19	13					28	15
Paint specialties									[7] 1,320	1,519	1,217		
F. Fertilizers and fertilizer materials	tons of 2,240 lbs.	1,028,151	1,335,703	1,634,295	1,551,559	1,243,667	846,752	17,472	17,917	20,441	15,284	13,011	8,653
Nitrogeneous fertilizer materials—													
Sulphate of ammonia	do	129,026	127,851	144,761	81,662	66,902	14,742	7,924	6,046	6,296	2,910	2,220	408
Other nitrogeneous materials	do	[1] 6,614	15,254	24,358	25,552	71,712	175,908	[1] 338	754	1,230	1,159	2,608	4,514
Phosphate materials—													
Phosphate rock—													
High-grade hard rock	do	117,793	91,103	67,474	65,992	105,293	66,009	2,343	724	473	447	614	406
Land pebble and other	do	616,033	895,778	1,075,272	1,159,730	846,012	547,026	3,607	4,203	4,914	5,183	3,663	2,390
Superphosphates (acid phosphates)	do	36,938	91,470	85,118	111,659	81,587	23,883	516	1,429	1,489	1,595	941	259
Potash fertilizer materials	do		[5] 14,542	13,868	15,216	28,982	1,816		[5] 613	583	643	1,267	70
Prepared fertilizer mixtures	do	[1] 24,532	27,508	33,508	36,459	5,778	1,608	[1] 1,187	1,167	1,796	1,477	227	58
Other fertilizers	do	43,445	80,922	89,936	55,289	37,401	15,760	1,862	3,347	3,660	1,869	1,471	548
G. Explosives, fuses, etc.								3,892	4,072	4,548	2,950	1,733	1,281
Explosives—													
Smokeless powder	1,000 lbs.	1,349	854	949	475	246	181	559	704	853	439	196	132
Other gunpowder	do		486	430	255	267	112		144	132	87	74	32
Blasting powder	do	[1] 2,458	2,107	1,711	842	748	357	[1] 216	153	117	69	73	39
Dynamite	do	14,560	13,840	16,277	9,090	5,546	4,607	2,270	1,964	2,228	1,280	754	600
Other explosives	do	[1] 1,072	621	322	627	311	346	[1] 224	163	84	236	80	103
Fuses and blasting caps—													
Safety fuses	1,000 lin. ft.		92,765	113,352	79,875	68,077	51,076	407	575	724	485	378	252
Blasting caps	1,000 caps.		34,508	22,169	18,223	8,427	7,214	[1] 381	365	411	354	180	123
H. Soap and toilet preparations								15,505	15,998	16,059	13,970	11,282	6,422
Soap—													
Medicated	1,000 lbs.		[2] 563		563	452	307		[2] 358		358	261	189
Toilet and fancy	do	[1] 6,768	7,286	6,586	5,443	5,062	4,618	2,784	2,272	1,984	1,235	1,020	708

[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.
[17] 1926 only.
[35] "Red lead" prior to Jan. 1, 1927.

No. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 8.—CHEMICALS, ETC.—Continued												
H. Soap and toilet preparations—Continued												
Soap—Continued												
Laundry, 1,000 lbs.	76,213	49,965	47,344	37,866	28,820	22,957	5,821	3,420	3,193	2,534	1,756	1,215
Powdered or flaked, do.		[5] 2,296	2,322	2,269	1,703	390		[5] 216	231	202	137	71
Scouring soaps and powders, do.	4,206	7,744	10,682	11,788	7,964	3,522	248	502	736	829	528	262
Shaving soaps (creams, powders, and sticks), 1,000 lbs.		[5] 1,127	1,060	1,194	1,282	901		[5] 508	537	480	421	286
Other, do.		8,174	6,547	3,683	1,971	1,723		842	597	356	178	136
Perfumery and toilet waters							[1] 482	371	380	248	143	99
Talcum and other toilet powders							[1] 1,660	1,594	1,531	1,494	1,245	647
Creams, rouges, and other cosmetics							[1] 1,144	2,078	2,048	3,115	3,022	792
Dental creams, 1,000 lbs.		3,119	2,955	2,751	2,215	1,487		2,771	2,532	2,274	2,080	1,172
Other dentifrices, do.	[1] 3,374	612	822	428	346	358	[1] 2,712	338	369	249	164	136
Other toilet preparations								1,854	1,450	1,921	608	327
GROUP 9.—MISCELLANEOUS												
Total							119,338	142,693	164,341	136,092	94,717	62,839
A. Photographic and projection goods							17,802	24,350	31,566	29,477	20,139	13,538
Cameras, thousands	[1] 206	502	633	504	408	204	1,226	2,338	2,982	2,202	1,383	901
Motion-picture projectors, number	[1] 1,238	3,807	4,300	3,794	4,468	1,752	[1] 302	731	805	737	557	236
Parts of cameras, except lenses							[1] 369	591	364	424	204	189
Motion-picture sound equipment								[2] 7,736		7,736	3,864	1,365
Stereopticons, magic lanterns, and other projection apparatus							[1] 202	2,064	8,492	752	264	141
Projection arc lamps, number		[2] 967		967	367	154		[3] 122		122	70	24
Motion-picture films—												
Sensitized, not exposed, 1,000 lin. ft.	55,875	65,253	72,769	87,532	108,180	114,211	1,296	1,507	1,501	1,921	2,323	2,197
Exposed, do.	167,127	246,284	282,215	274,351	199,690	160,772	7,048	7,435	7,622	8,119	5,585	4,120
Negative films, silent, do.	167,127	8,912	8,443	4,165	2,251	2,954	7,048	1,293	1,121	348	187	161
Negative films, sound, do.				8,191	13,947	11,939				984	1,230	809
Positive films, silent, do.		237,372	273,772	83,750	26,944	8,385		6,143	6,502	2,047	630	196
Positive films, sound, do.				178,246	156,548	137,494				4,740	3,538	2,954
Other sensitized films, not exposed, thousands	[1] 21,867	21,268	21,326	20,056	16,852	9,516	4,144	4,272	4,317	4,267	3,549	2,460
Dry plates, 1,000 doz.	[1] 651	843	983	761	583	485	[1] 430	463	539	408	293	222
Photographic paper, 1,000 lbs.	[1] 1,567	1,965	2,364	1,791	1,523	1,430	[1] 1,477	1,739	2,445	1,441	1,161	1,183
Other photographic apparatus and supplies (including unsensitized picture films)							1,864	1,588	1,996	1,347	886	500
B. Scientific and professional instruments, apparatus, and supplies							9,584	11,439	12,423	11,284	9,388	5,493

Optical goods—												
Spectacles, eyeglasses, and parts of							[1] 438	1,044	1,391	1,084	886	769
Lenses, not fitted to instruments	thousands	[1] 2,719	2,762	631	433	128	46	[1] 554	427	121	115	33	21
Other optical goods								1,067	1,292	1,272	896	563	296
Dental instruments and supplies [36]								614	1,504	1,475	1,445	1,132	879
Teeth	thousands	[1] 12,773	28,339	25,702	27,392	31,896	21,267	607	1,328	1,268	1,241	1,922	1,081
Dental office equipment								[1] 1,097	779	1,025	982	709	135
Sterilizers	number		[2] 3,411		3,411	2,309	1,385		[2] 238		238	258	137
Surgical and medical instruments								354	494	498	433	344	191
Surgical appliances, artificial limbs, crutches, trusses, etc								2,469	459	545	529	569	410
Surveying and engineering instruments								[1] 293	405	476	261	96	41
Other scientific, laboratory, and professional instruments and apparatus								2,567	3,659	4,352	4,059	2,876	1,533
C. Musical instruments								10,854	15,941	18,931	8,994	3,433	1,393
Pianos—													
Player pianos	number	9,252	8,774	3,951	908	460	122	2,945	2,549	1,183	279	73	24
Other pianos	do	5,729	3,211	3,116	1,616	912	396	1,400	702	706	311	166	72
Player-piano actions and parts								238	351	287	68	10	2
Other piano actions and parts								[1] 165	155	177	68	20	5
Perforated music rolls	thousands	[1] 516	222	140	81	22	7	271	105	62	31	9	4
Organs	number	1,487	1,379	1,641	870	430	205	175	327	317	210	180	68
Phonographs	do	62,320	173,636	282,144	107,095	29,746	16,354	2,267	5,318	7,860	2,974	616	335
Phonograph records	thousands	[1] 3,265	8,361	9,896	6,739	3,328	993	1,630	3,245	4,336	2,769	851	258
Band instruments	number	[1] 9,577	15,140	14,336	9,658	5,456	2,924	[1] 317	606	586	410	233	111
String instruments	do	[1] 42,368	57,838	42,494	35,183	26,201	15,392	[1] 195	305	273	208	144	75
Other musical instruments, parts, and accessories								1,385	2,278	3,144	1,666	1,132	439
D. Miscellaneous office supplies								7,118	9,385	10,330	8,903	5,805	3,528
Pencils and pens—													
Refillable pencils and pencil leads [37]								2,045	800	835	783	477	286
Other pencils [38]	1,000 doz		6,171	6,785	5,957	3,962	2,171		1,175	1,260	979	608	285
Metallic pens except gold	1,000 gross	273	363	353	312	323	94	148	189	184	187	177	54
Fountain pens	doz	37,824	117,379	151,973	136,665	77,479	46,794	575	1,614	1,812	1,589	954	607
Writing ink								[1] 234	233	216	192	131	112
Printer's and lithographic ink	1,000 lbs	[1] 10,119	10,986	11,306	10,043	6,523	4,843	1,169	1,420	1,466	1,365	947	694
Other ink	do	[1] 452	642	634	462	280	199	227	259	278	222	164	112
Paste and mucilage	do	[1] 2,679	3,286	3,620	2,746	1,740	637	307	340	358	289	169	71
Carbon paper	do	[1] 889	1,273	1,479	1,248	840	631	658	931	1,065	902	615	390
Typewriter ribbons	dozens		228,439	252,311	240,225	192,346	145,420	530	667	718	657	522	332
Paper clips and binders, penholders, inkstands, and other office supplies								1,272	1,707	2,139	1,738	1,041	585
E. Toys, athletic and sporting goods								3,560	4,770	5,643	4,912	3,275	1,741
Toys—													
Dolls and parts								214	197	228	179	125	59
Toy wheel goods and parts									[3] 709	821	499	204	111
Mechanical toys								129	203	273	255	215	55
Other toys, except rubber								1,710	1,485	1,537	1,247	904	551

[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. 480.—Exports of United States Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	470	414	373	252
Golf, tennis, foot, basket, and baseballs							[1] 162	260	253	386	170	107
Other athletic and sporting goods, except shoes, clothing, and firearms							1,022	1,200	1,481	1,379	936	504
Amusement-park and playground devices							[3] 301	479	580	553	348	102
F. Firearms and ammunition							5,050	5,509	6,186	3,512	2,164	1,668
Firearms and ordnance—												
Revolvers and pistols—number	[1] 46,045	54,678	59,886	27,066	14,192	11,328	633	931	1,055	467	254	198
Rifles—do	[1] 91,382	49,095	55,416	23,917	17,896	10,174	1,034	641	900	335	194	94
Shotguns—do		54,556	58,887	35,869	17,227	4,815		471	512	330	168	52
Machine and heavy ordnance guns and carriages—number	[1] 659	688	617	698	140	416	197	235	348	96	50	224
Ammunition—												
Shot shells—1,000 lbs	[2] 3,018	3,087	2,829	2,318			[2] 780	814	784	603	406	178
Metallic cartridges [33]—do	5,600	4,042	4,585	2,494			2,436	2,004	2,212	1,369	874	661
Explosive shells and projectiles—do	[1] 481	136	147	36	2	60	150	72	76	31	1	59
Other, including fireworks							288	341	349	280	217	212
G. Books, maps, pictures, and other printed matter							19,856	24,295	27,120	23,987	18,177	12,440
Books and pamphlets								12,202	13,607	12,444	5,643	3,730
Maps and charts								271	280	385	81	30
Music in books and sheets							13,561	335	379	231	171	183
Souvenir post cards								213	252	203	125	36
Lithographically printed matter, except post cards and maps								3,191	2,851	2,750	2,144	1,374
Playing cards—1,000 packs	[1] 7,492	6,096	5,790	5,188	3,938	2,356	302	683	706	563	388	225
Other printed matter							[1] 6,866	7,401	9,045	7,432	9,625	6,862
H. Clocks and watches							3,180	3,251	3,583	2,216	1,551	799
Clocks—												
One-day alarm clocks—thousands	[1] 664	513	565	267	138	47	[1] 823	636	681	365	180	65
Mantel and novelty clocks—do		62	49	35	22	6		241	202	160	103	19
Wall clocks—do		21	20	12	7	2		132	123	79	43	9
Other clocks and parts							1,343	353	352	294	308	205
Watches—do		653	723	309	130	44		894	896	419	185	61
Without jewels—do		605	676	293	123	42	1,179	460	468	238	98	30
With jewels—do		48	47	16	7	2		433	428	181	87	31
Parts of watches								618	714	456	210	103
Time-recording devices and parts								[3] 473	615	454	522	337
I. Art works—Painting and statuary							902	1,927	2,917	2,428	1,470	984
J. Miscellaneous, n. e. s.							41,432	41,876	45,642	40,380	29,313	21,254
Barber and beauty parlor chairs—number		[2] 2,207		2,207	1,103	463		[2] 187		187	89	34

Bottle and container closures (all kinds, except cork, glass and rubber stoppers) 1,000 gross	[9] 3,918	3,444	3,287	2,730	2,185	1,828	[9] 814	716	675	554	435	589
Composition roofing—												
Asphalt roofing 1,000 squares		820	829	543	335	277		1,081	1,102	688	391	257
Asbestos roofing do	[1] 1,028	78	92	66	27	31	1,782	501	600	393	110	59
Other roofing do		109	94	84	39	17		219	184	132	59	24
Billiard tables and accessories							364	367	398	260	149	79
Buttons—												
Pearl or shell 1,000 gross	[1] 500	332	242	217	96	141	177	109	83	56	27	19
Other buttons do	[1] 1,634	1,379	1,231	1,134	911	759	560	331	321	261	187	162
Lamps and illuminating devices, except electric—												
Incandescent mantles 1,000 doz	[9] 194	243	317	224	189	144	165	191	247	180	148	115
Lanterns thousands		2,579	2,206	1,283	631	110		1,759	1,226	726	299	61
Lamps, other than electric do			376	263	122	77	3,431	527	340	144	79	
Other lighting devices, except glass								409	431	411	353	262
Matches 1,000 lbs	[1] 1,062	1,000	1,131	1,566	825	264	215	125	138	154	103	51
Chemical fire extinguishers (hand) number	[1] 45,315	35,239	37,573	26,523			335	341	355	298	364	202
Fly paper, traps, and swatters							191	121	90	116	63	21
Synthetic resin sheets, plates and manufactures								[2] 174		174	191	120
Pyroxylin products, known as celluloid, pyralin, viscoloid, fiberloid, etc.—												
Sheets, rods, tubes 1,000 lbs	2,909	3,255	3,945	5,330	3,858	4,471	2,998	1,974	2,190	2,399	2,154	2,607
Manufactures do		1,151	1,022	635	221	127		1,266	1,136	839	403	199
Brushes—												
Toothbrushes doz		[2] 192,891		192,891	159,064	157,178		[2] 522		522	392	340
Toilet brushes do		230,374	352,658	37,937	36,344	13,854		615	334	103	85	41
Paint brushes do	396,214	63,702	78,641	43,650	29,719	16,489	1,043	192	212	133	80	44
Other brushes do		182,596	189,711	181,178	99,964	120,815		295	256	213	148	87
Plates and cuts, electrotype, stereotype, halftone, lithographic, or engraved 1,000 lbs	[1] 330	391	387	347	320	367	385	458	472	449	377	338
Umbrellas and parasols thousands	[1] 121	84	78	37	18	12	194	149	140	84	45	22
Candles 1,000 lbs	1,821	1,067	1,066	840	654	424	284	240	256	190	135	79
Notions							1,989	1,995	2,175	1,523	948	747
Refrigerators number	[1] 10,883	15,795	17,906	10,032	5,272	2,082	380	765	775	330	163	63
Soda-fountain equipment							[9] 209	486	619	570	331	119
Shoe findings—												
Heels and counters, except rubber 1,000 lbs		557	471	590	748	269	1,635	148	139	147	135	49
Other								1,339	1,517	1,105	664	359
Trunks number	[3] 20,967	29,562	35,317	25,877	10,752	4,316	[3] 400	552	661	450	166	57
Coin-operated scales do		[5] 988	1,238	648	350	142		[5] 153	203	108	36	11
Coin-operated commodity-vending machines number		[5] 8,814	8,610	9,019	6,904	4,309		[5] 398	381	414	279	132
Other coin-operated machines (except musical) number		[5] 6,054	5,324	6,783	7,066	10,732		[5] 386	334	437	382	441
Household and personal effects							12,506	14,822	18,544	18,980	15,016	10,968
All other articles							12,147	9,791	8,421	6,458	4,262	2,417

[1] Average for years 1922–1925.
[2] 1930 only.
[3] Average for years 1923–1925.
[5] Average for years 1929 and 1930.
[6] Average for years 1927–1930.
[9] Average for years 1924 and 1925.
[10] "Cartridges loaded" prior to 1924.

No. 481.—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 1929 through 1932 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	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
Total imports of merchandise							3,450,103	4,033,469	4,399,361	3,060,908	2,090,635	1,322,774
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total							89,271	125,084	142,169	96,755	61,076	45,028
A. Animals, edible							5,560	15,372	20,624	6,670	1,929	1,525
Cattle	1,000 head	177	378	493	226	85	98	4,802	13,523	19,972	6,564	1,852	1,499
Sheep and goats	head	63,200	25,264	27,480	6,295	2,267	1,247	405	200	242	47	19	7
Poultry, live								[1] 351	331	356	57	47	17
Hogs	1,000 lbs		11,614	614	19	151	29		1,320	55	2	11	2
B. Meat products	do	67,805	144,782	203,614	94,261	47,145	44,321	19,291	33,356	40,915	25,743	12,286	7,636
Beef, fresh	do	24,480	29,310	37,870	7,203	1,516	770	2,696	3,347	4,340	808	128	63
Veal, fresh	do		5,369	5,012	2,310	342	112		851	835	349	31	5
Pork, fresh	do	3,131	7,342	4,125	1,093	759	1,650	579	1,489	755	264	151	168
Mutton, fresh	do	9,540	806	1,664	98	50	28	1,339	68	137	9	3	2
Lamb, fresh	do		2,082	3,146	253	117	49		368	547	34	11	4
Other fresh meats	do	2,547	3,928	4,839	2,033	1,041	681	774	546	661	318	135	70
Poultry, dead	do	[1] 2,494	4,514	5,197	1,863	5,575	587	[1] 877	1,309	1,525	414	1,122	86
Poultry, prepared	do		509	553	468	602	488		325	372	306	271	183
Canned meats	do		51,206	89,932	52,488	18,926	22,862		6,458	11,433	7,160	2,217	1,953
Beef and veal, pickled or cured	do	9,858	19,764	9,362	2,101	1,465	814	1,396	3,534	1,256	243	137	57
Pork, ham, shoulders, bacon	do			2,079	1,979	1,979	3,022			802	776	602	615
Pork, pickled, salted and other	do			2,311	1,583	1,238	1,101			988	661	439	305
Other meats, prepared or preserved	do			14,347	2,372	544	7			1,823	336	74	2
Sausage casings—													
Sheep, lamb, and goat	do	16,752	19,952	6,584	7,830	5,335	4,932	11,980	15,061	10,810	11,447	5,326	3,108
Other casings	do			16,593	10,588	7,656	7,717			4,631	2,616	1,639	1,015
C. Animal oils and fats, edible	do		[2] 2,049	2,185	1,535	2,273	820		[2] 180	193	109	131	44

D. Dairy products							28,114	31,700	30,415	22,650	15,763	13,068
Cream	1,000 gals.	7,660	3,679	2,970	1,585	79	118	5,511	5,874	5,194	2,620	128	189
Milk	do		4,744	4,246	1,837	612	106		832	795	338	100	16
Milk, condensed and evaporated	1,000 lbs.	9,049	2,228	2,634	1,611	1,245	1,188	1,193	193	234	138	78	61
Dried and malted milk	do		5,777	5,234	3,145	1,134	591		806	873	503	238	126
Butter	do	15,175	5,279	2,773	2,472	1,882	1,014	5,645	1,834	1,036	802	492	213
Cheese	do	51,888	76,862	76,382	68,311	61,991	55,623	15,764	22,162	22,282	18,249	14,727	12,494
E. Fish	do	290,538	347,142	389,560	346,705	278,803	265,435	29,274	36,711	39,772	35,471	28,308	21,411
Product of Philippine Islands	do						355						15
Fish, fresh or frozen—													
Salmon	do	8,963	5,603	4,414	5,843	5,739	3,080	981	689	581	834	597	253
Fresh-water fish and eels	do	[1] 39,340	52,694	57,102	50,576	43,911	36,386	[1] 3,346	5,095	5,691	4,625	3,581	2,622
Cod, haddock, hake, pollock, and cusk	do	[1] 1,043	863	1,036	759	1,237	469	[1] 50	46	67	45	63	19
Halibut	do	11,614	4,705	5,811	3,621	4,098	1,449	1,473	577	732	437	440	118
Mackerel	do	[1] 5,740	2,019	1,623	1,296	1,826	583	[1] 394	125	97	71	90	25
Swordfish and sturgeon	do		[2] 2,748		[2] 2,748	5,242	4,289		[2] 514		[2] 514	871	421
Smelts	do	[4] 8,819	7,444	6,952	5,653	6,640	7,407	[4] 923	1,040	1,006	867	840	816
Tuna fish	do	[5] 7,739	36,554	50,695	59,342	7,858	5,038	[5] 356	1,890	2,631	2,802	579	298
Sea herring	do		36,436	36,621	28,012	16,157	12,244		269	260	179	144	73
Other fresh fish, n. e. s.	do	59,525	10,120	9,668	6,856	2,558	2,318	3,550	1,056	942	677	206	126
Fish, dried, unsalted	do	42,867	36,176	37,254	17,908	4,124	3,605	3,238	3,124	3,550	1,755	511	270
Fish, in oil, etc.—													
Sardines	do	25,317	27,639	31,245	24,613	29,275	44,202	4,639	4,908	5,521	4,146	3,793	3,652
Anchovies	do		[3] 837		[3] 837	1,873	1,768		[3] 242		[3] 242	554	444
Other	do		5,763	5,119	3,688	1,954	7,023		1,330	1,312	802	389	902
In air-tight containers (not in oil, etc.)	do		[3] 5,552		[3] 5,552	10,928	18,732		[3] 536		[3] 536	998	1,062
Pickled or salted—													
Salmon	do	[1] 2,330	2,329	1,872	870	636	270	[1] 365	369	382	120	87	17
Cod, haddock, hake, pollock, and cusk	do		[3] 25,370		[3] 25,370	41,690	39,405		[3] 1,089		[3] 1,089	2,262	1,627
Herring	do	47,709	42,170	44,490	40,558	41,479	32,405	2,701	2,727	2,789	2,865	2,571	1,510
Mackerel	do	13,792	9,019	7,991	6,171	6,757	4,311	1,129	601	617	383	314	143
Other	do	25,317	26,382	34,210	13,695	1,765	1,414	2,723	2,319	2,812	1,191	152	112
Smoked or kippered	do		[2] 2,409		[2] 2,409	4,409	3,517		[3] 217		[3] 217	356	237
Other prepared, or preserved fish, including pastes and sauces, n. e. s.	1,000 lbs.		[3] 964		[3] 964	528	449		[3] 125		[3] 125	81	58
Fish, filleted, skinned, boned, etc	do	[1] 3,305	3,452	992	3,084	3,010	1,784	[1] 700	405	135	383	327	196
Caviar and other fish, roe	do		757	746	675	473	544		781	818	597	359	467
Shellfish—													
Crab meat, sauce, and paste	do	4,937	10,696	10,937	12,475	10,261	7,525	1,956	4,553	5,112	5,056	4,004	2,605
Clams and oysters, in air-tight containers	1,000 lbs.		[3] 288		[3] 288	1,229	1,560		[3] 38		[3] 38	192	166
Lobsters, not canned	do	6,770	7,581	8,629	9,831	9,984	11,694	1,363	1,861	2,231	2,135	2,171	1,941
Lobsters, canned	do	1,738	1,603	1,490	1,345	1,703	1,307	1,035	970	937	756	820	568
Shrimp and other shellfish	do	[1] 6,244	9,608	9,824	10,926	10,907	10,035	876	1,306	1,499	1,240	941	632
Crabs and turtles	do			836	737	551	316			50	43	34	17

[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.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS EDIBLE—Continued												
F. Other edible animal products							7,034	7,831	10,242	6,098	2,641	1,314
Eggs—												
Eggs of poultry in shell, 1,000 doz	1,097	292	308	317	309	244	313	86	91	79	56	35
Whole eggs, dried, 1,000 lbs		1,269	1,642	1,229	934	20		674	892	604	293	5
Whole eggs, frozen, prepared, etc, do	18,763	7,016	9,180	2,612	7	2	3,726	1,167	1,585	382	1	(2a)
Yolks, dried, do		5,128	6,606	6,645	3,964	1,193		2,085	3,128	2,225	834	150
Yolks, frozen, prepared, etc, do		3,211	4,401	1,685	763	412		640	1,044	330	77	37
Egg albumen, dried, do	6,107	3,199	4,011	3,152	1,992	1,458	2,429	1,677	1,819	1,183	552	586
Egg albumen, frozen, prepared, etc, do		1,625	189	833				210	25	67		
Meat extract, do	[3] 237	583	795	574	443	376	[3] 222	731	936	608	363	177
Gelatin, edible, do	[1] 3,111	2,522	3,107	2,443	1,950	1,582	[1] 720	561	723	620	465	324
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS INEDIBLE												
Total							234,681	337,522	396,818	254,305	166,866	80,112
A. Hides and skins, raw (except furs), 1,000 lbs	428,956	447,460	515,659	399,911	271,083	190,240	93,067	118,003	137,281	92,268	50,302	22,493
Cattle hides, do	229,808	223,274	265,579	186,931	92,626	55,667	33,593	38,803	42,599	24,270	7,823	3,132
Dry or dry salted (over 12 lbs.), 1,000 pieces	1,174	641	536	221	126	133	4,261	3,279	2,780	872	340	306
Dry or dry salted (over 12 lbs.), 1,000 lbs	24,885	13,928	12,649	5,243	3,192	3,604						
Wet slated (over 25 lbs), 1,000 pieces	3,901	4,139	4,972	3,518	1,754	1,047	29,332	35,524	39,819	23,398	7,483	2,826
Wet slated (over 25 lbs), 1,000 lbs	204,922	209,346	252,930	181,688	89,434	52,063						
India water buffalo (for rawhide), 1,000 pieces		[3] 16		[3] 16	38	20		[3] 65		[3] 65	158	70
India water buffalo (for rawhide), 1,000 lbs		[3] 331		[3] 331	930	454						
Buffalo hides, n. e. s., 1,000 pieces	137	158	123	62	7	7	508	822	711	296	35	27
Buffalo hides, n. e. s., 1,000 lbs	2,736	3,540	3,188	1,521	289	261						
Kip and calf skins, do	44,416	45,520	56,145	36,848	39,538	31,014	10,560	13,223	16,400	8,912	6,056	2,737
Kip skins—												
Dry and dry salted (6 to 12 lbs.), 1,000 pieces	[1] 410	167	130	32	38	21	[1] 703	467	361	65	39	11
Dry and dry salted (6 to 12 lbs.), 1,000 lbs	[1] 3,962	1,584	1,263	285	316	153						
Wet salted (12 to 25 lbs.), 1,000 pieces	[1] 377	412	595	374	596	619	[1] 1,268	1,454	2,053	1,088	1,058	728
Wet salted (12 to 25 lbs.), 1,000 lbs	[1] 6,337	6,593	9,762	5,915	9,464	9,396						
Calfskins—												
Dry and dry salted (less than 6 lbs.), 1,000 pieces	2,858	2,512	2,981	1,437	1,246	1,011	3,410	3,314	3,855	1,603	851	369
Dry and dry salted (less than 6 lbs.), 1,000 lbs	11,798	6,691	7,488	3,613	2,883	2,331						
Wet salted (less than 12 lbs.), 1,000 pieces	3,017	4,079	5,020	3,751	3,443	2,368	5,568	7,989	10,131	6,156	4,108	1,629
Wet salted (less than 12 lbs.), 1,000 lbs	24,401	30,651	37,632	27,035	26,875	19,134						
Horse, colt, and ass hides, do	11,433	13,423	13,970	15,193	8,505	5,529	1,245	1,620	1,544	1,286	511	325
Dry and dry salted, 1,000 pieces	301	171	87	46	64	44	654	508	266	121	117	46
Dry and dry salted, 1,000 lbs	4,487	2,920	1,756	1,040	1,344	936						

Wet salted	1,000 pieces	173	267	285	326	176	161	592	1,112	1,278	1,145	394	279
	1,000 lbs	6,586	10,503	12,214	14,153	7,161	7,593						
Sheep and lamb skins	do	61,246	59,998	65,478	54,348	41,686	33,465	15,220	18,389	21,905	14,389	6,865	3,649
Wooled, dry and green	1,000 pieces	[1] 5,448	3,056	3,541	2,500	1,751	768	[1] 4,374	2,883	3,741	1,797	629	127
	1,000 lbs	[1] 16,306	11,946	13,989	10,818	7,729	3,407						
Slats, dry, no wool	1,000 pieces	[1] 20,653	8,355	6,091	5,856	5,126	4,246	[1] 14,206	6,714	5,761	4,674	2,948	1,691
	1,000 lbs	[1] 47,075	18,675	13,994	13,173	11,409	8,878						
Pickled skins	1,000 pieces	698	12,382	16,207	12,933	9,446	9,909	447	8,792	12,403	7,898	3,288	1,831
	1,000 lbs	1,798	29,277	37,495	30,357	22,528	21,180						
Goat and kid skins	do	73,760	90,669	100,109	93,524	76,199	51,452	29,629	40,382	47,500	38,099	24,116	10,301
Dry and dry salted	1,000 pieces	39,456	49,024	54,338	49,298	44,744	32,623	26,752	36,310	42,878	33,922	21,974	9,774
	1,000 lbs	60,196	74,702	83,830	75,721	64,402	45,589						
Green or pickled	1,000 pieces	3,823	5,225	5,794	5,836	4,120	1,911	2,877	4,072	4,622	4,177	2,142	527
	1,000 lbs	12,575	15,967	16,279	17,803	11,797	5,863						
Kangaroo and wallaby	1,000 pieces	769	751	740	791	788	534	726	654	655	600	394	208
	1,000 lbs	863	864	798	888	813	573						
Deer and elk	1,000 pieces		943	954	858	915	660		749	723	563	499	362
	1,000 lbs		2,448	2,406	2,137	2,018	1,606						
Reptile skins, raw	do		[6] 2,235	1,899	2,571	2,636	1,183		[6] 2,643	2,980	2,305	2,292	755
Other hides and skins	do	6,693	6,863	6,087	5,619	5,962	6,036	1,586	2,290	2,264	1,523	1,555	926
B. Leather								15,261	35,517	44,559	23,728	10,585	6,847
Sole leather	1,000 lbs	4,850	7,790	6,194	5,719	775	632	1,769	2,928	2,498	2,099	289	202
Leather cut into soles, blocks, etc.[8]	do					423	76	[7] 530	536	505	404	211	16
Belting leather and welting	do		[3] 628		[3] 628	978	1,692		[3] 314		[3] 314	467	417
Harness leather	do	[7] 1,069	1,492	2,317	1,267	475	16	[7] 426	633	980	478	166	12
Cattle grains and finished splits	1,000 sq. ft		[6] 4,018	4,348	3,689	2,711	1,389	[1] 236	965	745	660	484	156
Patent	do	[1] 3,131	4,711	3,948	1,567	259	230	770	1,710	1,263	403	62	46
Calf and kip—													
Whole calf and kip, upper and lining	do	[1] 11,991	49,986	65,555	41,896	10,284	11,748	2,895	12,483	16,603	9,392	2,891	2,208
Side calf and kip, upper and lining	do					15,215	14,053					1,990	1,232
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	1,000 lbs								[3] 273		[3] 273	470	268
Other bovine leather	do						89		[3] 71		[3] 71	62	32
Sheep and lamb	1,000 sq. ft	[1] 3,962	2,351	2,061	1,196	1,102	631	382	459	421	262	236	104
Goat and kid	do	[1] 1,496	8,814	14,718	6,631	3,784	4,240	472	4,076	6,507	2,704	1,325	1,082
Reptilian and shark skin leather	1,000 pieces					931	838		[6] 3,012	4,347	1,677	793	316
Glove leather, seal leather, skivers, chamois skins, etc								1,073	1,552	1,516	1,006	652	322
Rough tanned leather	1,000 lbs		11,179	13,614	5,947	337	126	2,427	6,247	7,811	3,073	236	57
Leather (other than bovine) for manufacture of footwear			[3] 13		[3] 13	19	21		[3] 9		[3] 9	18	19
Grained, bossed, etc., or fancy leather	1,000 sq. ft		[3] 1,053		[3] 1,053	648	1,028		[3] 362		[3] 362	242	359
All other leather								4,672	2,518	1,364	541		

[1] Average for years 1923–1925.
[2] June 18 to Dec. 31, 1930.
[3] Average for years 1924 and 1925.
[5] 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. 481.—General Imports of Merchandise, by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE—Continued												
C. Leather manufactures							12,773	27,450	41,563	31,169	22,108	9,809
Boots and shoes (all leather) 1,000 prs.	429	3,004	6,183	3,674	3,391	1,442	1,399	8,706	17,026	10,120	6,229	2,099
Slippers and moccasins do.	[1] 472	597	976	539	300	39	[1] 238	705	1,433	793	297	13
Footwear with textile uppers do.	[1] 1,123	1,167	1,200	1,487	2,234	4,863	[1] 421	324	314	349	493	644
Gloves 1,000 prs.	8,288	12,735	17,389	14,499	12,567	7,344	8,395	12,467	16,551	15,195	12,273	5,392
Women's and children's do.	8,153	12,638	17,303	14,433	12,529	7,331	8,204	12,328	16,432	15,097	12,215	5,374
Men's do.	135	98	86	66	38	13	191	139	118	98	58	18
Bags, baskets, belts, boxes, cases, etc.								3,330	4,621	3,570	2,033	1,143
All other leather manufactures							2,583	1,737	1,619	1,140	783	517
D. Furs and manufactures							80,552	114,785	125,852	68,636	55,860	28,495
Furs, undressed							72,179	101,071	108,049	57,645	47,950	25,137
Badger 1,000 pieces		[3] 52		[3] 52	175	162		[3] 225		[3] 225	656	638
Caracul do.		[2] 196	273	165	216	36		[2] 309	487	190	275	47
Ermine do.		[2] 780	917	830	816	555		[2] 1,651	2,277	1,198	927	436
Fitch do.		[2] 1,197	1,199	1,050	1,168	1,407		[2] 4,231	4,883	2,549	2,368	1,446
Guanaquito do.		[2] 261	127	216	177	341		[2] 738	325	287	168	295
Kolinski do.		[2] 524	638	409	635	771		[2] 1,738	2,228	820	840	866
Marmot do.		[2] 1,748	2,243	639	887	814		[2] 2,962	3,754	753	598	465
Weasel do.		[2] 1,513	1,582	1,456	1,666	1,585		[2] 2,385	2,778	1,452	1,319	1,170
Monkey do.		[2] 202	272	66	11	19		[2] 430	592	65	6	5
Otter do.		[2] 30	39	14	22	17		[2] 352	437	147	136	73
Opossum do.		[2] 508	623	341	722	119		[2] 575	771	285	379	75
Hare [9] 1,000 lbs.	[10] 1,410	1,813	2,257	1,191	969	621	[10] 1,566	2,585	3,411	1,186	548	178
Beaver 1,000 pieces	[1] 180	100	70	56	77	65	[1] 3,497	2,538	2,022	1,217	1,103	628
Fox, other than silver or black do.	[1] 1,948	1,525	1,696	1,140	1,228	1,012	[1] 13,444	14,256	16,296	11,420	7,778	4,664
Coney and rabbit [9] 1,000 lbs.	[1] 8,679	19,040	17,495	16,888	17,241	13,217	[1] 16,731	20,171	19,611	10,255	7,493	2,967
Marten 1,000 pieces	[1] 304	153	214	70	85	107	[1] 4,192	2,707	4,017	1,219	958	847
Mink do.	[1] 528	711	873	491	845	1,039	[1] 2,127	3,105	3,926	1,588	1,733	1,565
Mole do.	[1] 4,676	4,315	1,823	1,152	1,917	1,290	[1] 746	528	230	107	148	70
Muskrat do.	[1] 2,215	1,056	981	614	1,067	278	[1] 2,543	1,573	1,269	519	851	169
Squirrel do.	[1] 17,115	10,021	7,013	8,332	5,574	6,536	[1] 14,667	8,493	5,134	3,543	2,208	1,714
Nutria do.		91	38	11	27	35		443	215	78	105	77
Pony do.		[2] 156	195	222	172	88		[2] 551	670	688	528	284
Raccoon do.		[3] 21		[3] 21	109	70		[2] 90		[2] 90	480	230
Sable do.		[3] 5		[3] 5	21	6		[3] 290		[3] 290	557	141
Skunk do.		[2] 162	197	100	72	118		[2] 334	484	163	90	92
Wolf do.		[2] 153	158	155	105	56		[2] 2,191	2,536	1,575	858	333
Lamb, kid, sheep, and goat skin furs do.		[2] 8,498	9,841	7,217	9,162	4,482		[2] 16,169	20,812	12,079	12,934	4,604
Other furs, undressed do.							[1] 28,741	23,792	8,883	3,656	1,905	1,061
Furs dressed on the skin, not advanced beyond dyeing 1,000 pieces							2,743	6,430	11,984	7,346	5,125	2,278

Coney and rabbit	do		[2] 2,641	3,702	1,301	958	639		[2] 1,240	1,846	633	327	132
Silver or black fox, dressed or undressed	1,000 pieces		[2] 2	1	2	3	8		[2] 160	134	150	89	218
Lamb and sheep	do		[2] 303	329	344	268	50		[2] 1,073	1,332	1,181	868	161
Dog, goat, and kid	1,000 pieces		[2] 2,131	2,821	2,315	2,832	1,957		[2] 5,596	7,877	4,795	3,336	1,479
Other dressed furs									[2] 751	795	586	505	288
Manufactures of fur—													
Cut fur for hatters' use, including fur skins carroted	1,000 lbs.	[1] 407	146	27	15	28	3	[1] 648	315	59	26	27	4
Plates and mats of dog and goat skins	1,000 pieces	[1] 1,781	868	422	281	331	145	[1] 4,432	2,471	1,577	1,004	1,040	353
Fur hats—													
For men and boys	thousands	287	1,196	387	285	190	101	712	2,636	1,123	761	444	203
For women and girls	do			1,166	583	347	424			2,201	1,056	446	289
All other	1,000 lbs.							1,869	1,862	860	849	829	229
E. Animal oils, fats, and greases, inedible								5,060	10,884	12,003	11,029	10,704	2,376
Whale oil	1,000 gals.	[1] 5,483	8,020	7,271	9,955	18,628	96	[1] 2,970	3,689	3,321	4,054	7,683	29
Cod oil	do	2,432	4,577	2,091	2,051	1,794	3,286	1,322	3,221	1,020	918	610	920
Cod-liver oil	do			2,860	2,895	1,737	1,248			2,445	2,229	1,312	804
Other fish oil	do	[1] 765	5,218	5,761	7,373	3,153	1,565	[1] 272	1,851	2,185	2,583	440	143
Wool grease	1,000 lbs.	[3] 11,322	10,387	10,538	7,913	4,792	3,992	[3] 359	380	367	271	148	113
Tallow	do		[2] 10,629	17,024	624	1,672	502	362	1,043	1,367	39	49	11
Stearic acid	do					6,318	6,322					374	306
Grease and oils n. e. s.								1,286	701	1,298	934	88	49
F. Other inedible animals and animal products								27,970	30,874	35,535	27,397	17,280	10,066
Animals, inedible—													
Horses—													
For breeding	number	2,740	500	571	430	280	166	1,015	1,134	1,103	899	492	146
Other	do	[1] 460	2,678	3,248	2,753	1,662	2,209		618	746	612	342	244
Cattle for breeding	1,000 head	[10] 3	10	12	8	10	8	[10] 455	1,152	1,644	963	892	665
Birds, n. e. s.	thousands		664	833	659	656	306	[1] 636	1,097	1,397	935	717	362
Foxes, silver	number		1,665	486	316	580	212		336	88	55	45	10
Other animals								1,995	761	778	619	522	338
Bones, hoofs, and horns—													
Unmanufactured	1,000 lbs.	89,028	129,256	153,699	115,833	88,477	87,465	1,204	1,774	2,269	1,692	898	713
Manufactures								603	96	111	120	58	40
Bristles, sorted, bunched, or prepared	1,000 lbs.	4,655	5,212	6,216	4,486	4,245	3,486	7,576	8,967	8,327	5,282	3,173	2,313
Feathers—													
Crude		3,796	3,361	4,287	2,848	2,789	1,558	2,614	2,043	2,620	1,516	1,318	551
Advanced								1,204	219	184	165	217	87
Glue stock, hide cuttings, etc.	1,000 lbs.	29,242	49,743	58,370	52,553	31,794	14,454	1,284	2,384	2,911	3,056	1,603	572
Gelatin, inedible, and manufactures								1,001	1,301	1,231	1,460	612	353
Glue and glue size, and manufactures								606	939	1,350	1,247	767	486
Casein or lactarene	1,000 lbs.	17,421	25,045	27,583	18,500	3,503	1,201	1,916	2,979	3,323	1,920	143	38
Ivory tusks in natural state	do	349	189	126	61	40	12	1,115	608	331	170	119	33
Shells, unmanufactured—													
Mother-of-pearl	do	5,866	7,129	8,924	6,636	4,438	3,976	1,556	2,075	2,575	2,168	1,299	909
All other	do	1,263	4,713	8,769	3,375	2,834	4,904	248	229	343	120	85	31

[1] Average for years 1923–1925.
[2] Average for years 1928–1930.
[3] Average for years 1924 and 1925.
[9] "Coney and rabbit" includes "hare" prior to 1925.
[10] 1925 only.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE—Continued												
F. Other inedible animals and animal products—Continued.												
Sponges and manufactures ..... do	[1] 1,431	993	965	773	616	380	837	1,115	1,183	907	715	380
Beeswax and other animal wax ..... do	3,180	4,727	5,258	4,312	3,680	3,451	751	1,471	1,546	1,061	779	468
Tankage ..... tons of 2,240 lbs					22,476	21,130					477	311
Fish scrap and fish meal ..... do						21,805						531
Other inedible animal products							1,700	1,576	1,475	2,429	2,007	484
GROUP 1.—VEGETABLE FOOD PRODUCTS AND BEVERAGES												
Total							738,855	778,693	818,724	596,706	465,999	361,863
A. Grains and preparations							32,611	24,487	20,004	24,035	13,328	7,661
Corn ..... 1,000 bus. of 56 lbs	1,135	1,808	407	1,556	618	344	1,062	1,452	447	1,000	328	166
Oats ..... 1,000 bus. of 32 lbs	2,465	205	112	183	576	59	1,147	102	43	59	92	23
Rice—												
Uncleaned ..... 1,000 lbs	12,357	10,766	11,957	2,885	5,957	1,398	614	454	590	111	133	29
Cleaned (except patna) ..... do	50,052	42,402	20,496	23,229	24,713	16,286	1,823	1,837	830	841	725	418
Patna rice for use in canned foods ..... do		2,168	2,594	2,254	1,644	841		134	146	116	68	31
Flour, meal, etc ..... do	1,586	2,761	935	1,022	589	549	79	95	52	48	31	18
Wheat ..... 1,000 bus. of 60 lbs	18,973	15,858	14,576	19,969	15,691	10,026	23,204	18,574	16,249	19,548	10,035	5,362
Wheat flour ..... 1,000 lbs	78,573	970	381	359	59	46	2,688	37	13	16	2	1
Biscuits, wafers, cakes, etc							284	643	623	687	411	260
Macaroni, vermicelli, noodles, etc ..... 1,000 lbs	3,785	3,561	2,856	2,777	2,459	2,225	280	319	263	232	184	152
Bread, yeast-leavened ..... do	[5] 2,138	2,495	2,468	2,677	2,762	2,735	[5] 271	344	378	389	353	252
All other							1,321	496	369	1,037	966	949
B. Fodders and feeds							7,990	14,796	17,452	16,995	6,462	2,270
Hay ..... tons of 2,000 lbs	133,801	133,347	30,787	104,304	67,440	13,858	1,503	1,253	319	897	567	96
Oil cake and oil-cake meal—												
Bean (soya and other) ..... 1,000 lbs		95,822	171,855	113,626	39,620	36,569		[7] 901	3,618	2,068	439	342
Coconut or copra ..... do		34,570	30,292	37,143	15,084	10,758		459	506	425	122	77
Cottonseed ..... do	112,848	[6] 32,923	43,770	22,075	1,533	979	1,877	[6] 441	579	304	9	5
Linseed ..... do		[5] 60,486	69,285	51,687	18,808	22,388		[6] 1,370	1,669	1,070	205	211
All other ..... do		60,679	18,970	23,244	4,932	4,664		1,084	342	320	48	40
Bran, shorts, and other by-product feeds of wheat ..... 1,000 tons of 2,240 lbs	[1] 204	261	273	386	243	79	[1] 4,689	6,604	7,399	8,070	3,213	948
Of direct importation ..... do		145	144	252	127	20		3,405	3,748	4,800	1,707	249
Withdrawn from bonded mills ..... do		116	129	134	116	59		3,199	3,652	3,269	1,506	699
Beet pulp, dried ..... tons of 2,240 lbs	[1] 31,184	37,154	32,097	73,941	40,690	10,128	[1] 964	1,076	1,111	1,839	631	140
Other fodders and feeds							1,218	1,694	1,910	2,001	1,228	411

C. Vegetables and preparations								28,272	40,677	48,113	36,809	22,977	16,655
Beans—													
Green or in brine	1,000 lbs.		[3] 1,845		[3] 1,845	5,810	7,322		[6] 68		[3] 68	194	249
Dried	do.	74,793	105,000	120,098	115,214	58,028	9,465	[6] 3,005	4,767	6,790	5,347	1,702	251
Peas—													
Green	1,000 lbs.		[3] 1,864		[3] 1,864	21,074	16,628		[6] 98		[6] 98	1,090	840
Dried	do.	30,125	16,009	22,528	12,832	6,436	8,372	1,244	639	855	481	225	254
Split	do.		3,928	6,710	9,572	199	2,480		149	297	303	4	45
Lentils	do.	[5] 8,064	8,906	11,697	8,458	7,932	8,624	[6] 499	524	965	411	256	296
Chick peas or garbanzos	do.	[5] 40,640	51,545	52,539	50,424	11,717	13,118	[5] 2,255	2,846	3,263	2,561	505	492
Mushrooms [11]	do.	5,491	6,941	9,072	4,207	1,065	339	1,745	1,985	2,504	1,540	537	146
Potatoes, white or Irish	do.	88,913	288,551	256,551	303,589	274,013	43,615	1,650	5,217	4,305	5,063	3,126	393
Garlic	do.	6,320	4,491	4,502	4,696	5,657	6,568	341	247	266	284	210	188
Turnips	do.	[1] 140,654	123,193	138,173	118,733	92,838	95,343	[1] 636	776	901	879	482	420
Tomatoes, natural state	do.	[5] 64,538	119,337	119,205	144,443	103,556	119,140	[5] 2,162	3,860	3,828	4,432	3,253	3,589
Onions	do.	104,149	89,177	68,593	27,595	7,684	33,240	2,179	1,800	1,242	485	130	566
Other vegetables, fresh, n. e. s.								2,810	3,410	3,558	3,724	1,125	984
Farinaceous substances—													
Arrowroot, cassava, sago, and tapioca	1,000 lbs.	92,998	139,624	181,441	114,436	151,545	141,385	3,492	3,740	4,711	3,370	3,244	2,065
Vegetables canned—													
Peas	do.	[1] 1,689	1,333	1,687	728	397	1,049	[1] 188	140	131	79	38	56
Mushrooms	do.		[3] 1,340		[3] 1,340	2,689	1,939		[3] 365		[3] 365	741	465
Tomatoes	do.	[1] 56,926	101,580	174,787	61,846	79,144	90,423	[1] 2,817	5,266	9,005	2,738	2,695	2,894
Other	do.	[1] 6,721	8,253	8,716	3,918	691	283	[1] 636	823	909	377	44	12
Vegetables, prepared or preserved—													
Pickles	do.	[1] 11,078	2,549	2,081	6,994			1,329	155	100	283		
Sauces	do.		12,479	13,488	12,670	11,234	11,686		896	974	793	574	427
Tomato paste	do.	[5] 15,154	13,719	13,357	12,488	13,611	10,760	[5] 1,382	1,374	1,612	1,079	1,067	748
Pimientos	do.	[5] 2,364	4,391	3,139	3,787	3,115	2,900	[5] 272	473	316	309	226	158
Beancake, miso, and similar products	do.	[5] 1,209	949	906	847	761	960	[5] 84	74	70	59	42	35
Other	do.		8,841	6,965	9,582	9,960	8,867	1,850	603	445	670	685	466
Other edible substances								1,400	808	1,074	1,013	783	619
D. Fruits and nuts								75,499	84,868	86,898	75,496	60,006	44,270
Fruits								46,031	56,189	58,803	55,143	42,186	34,336
Plantains									[3] 145		[3] 145	189	167
Bananas	1,000 bunches	47,057	61,887	65,134	62,731	55,854	49,457	22,007	34,435	36,048	34,794	29,427	24,701
Grapefruit	1,000 lbs.	[1] 14,810	9,105	7,164	12,043	8,957	7,101	530	243	152	302	208	166
Lemons	do.	[7] 100,041	66,322	46,929	78,146	20,059	7,714	2,006	1,854	1,664	2,080	560	209
Limes [12]	do.	[2] 5,264	4,979	4,582	5,510	5,718	4,187	189	138	113	195	212	131
Olives—													
In brine	1,000 gals.	[1] 6,266	6,986	[4] 3,835	6,255	3,673	4,315	3,888	4,719	[4] 2,168	2,378	1,432	1,328
Pitted or stuffed	do.			[4] 2,476	3,536	2,260	2,510			[4] 2,413	2,431	1,327	1,301
Pineapples, natural state								2,487	2,131	2,072	2,475	1,958	917
Pineapples, prepared or preserved	1,000 lbs.	[5] 3,538	3,879	4,101	7,386	7,531	8,424	[5] 299	360	309	678	574	447
Apples	1,000 bus. of 60 lbs.	[1] 105	151	268	157	36	54	[1] 211	284	481	310	54	100
Berries, natural or in brine	1,000 lbs.	[1] 4,944	6,378	9,313	7,649	3,455	2,797	[1] 430	582	852	568	238	189
Cherries, natural, sulphured or in brine	1,000 lbs.	[5] 4,806	12,378	23,910	7,161	7,099	3,886	[5] 415	1,670	3,434	892	707	281
Cherries, dried, prepared, preserved	do.	[5] 7,925	6,009	721	1,158	496	110	[5] 736	584	157	129	44	14

[1] Average for years 1923–1925.
[2] Average for years 1922–1925.
[3] June 18 to Dec. 31, 1930.
[4] Average for years 1924 and 1925.
[5] Average for years 1929 and 1930.
[6] Average for years 1928 and 1930.
[11] Mushrooms and truffles prior to 1924.
[12] Limes and oranges prior to 1926.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.												
D. Fruits and nuts—Continued.												
Fruits—Continued.												
Olives, dried and other, n.e.s.—1,000 lbs.	----------	[2] 709	----------	[2] 709	310	477	----------	[2] 63	----------	[2] 63	26	39
Grapes—1,000 cu. ft.	637	139	142	222	232	248	1,091	438	301	944	500	466
Currants—1,000 lbs.	26,021	10,890	9,802	8,716	6,426	7,217	2,046	772	715	507	393	373
Dates—do.	57,237	48,514	54,135	41,906	44,039	44,967	2,712	2,335	2,535	1,886	1,706	1,523
Figs—do.	38,978	30,438	23,015	15,755	9,088	5,967	2,619	2,173	1,833	1,194	657	365
Raisins and other dried grapes—do.	11,887	2,688	1,665	1,834	1,903	1,325	1,270	302	190	181	186	109
Citron or citron peel—do.	[5] 3,476	4,318	4,327	4,347	3,169	3,327	[5] 720	584	608	551	235	245
Ginger root, prepared or preserved—do.	[5] 792	1,080	1,027	1,240	965	874	[5] 123	132	120	121	66	48
Jellies, jams, marmalades, and fruit butter—1,000 lbs.	[4] 2,881	3,650	3,454	3,487	2,949	2,730	[4] 458	500	449	429	347	246
Other fruits, natural, prepared, or preserved—1,000 lbs.	----------	36,831	44,656	42,400	30,851	30,795	3,699	1,912	2,190	1,889	1,119	971
Nuts							29,468	28,680	28,095	20,353	17,872	9,935
Chestnuts, including marrons—1,000 lbs.	24,435	18,704	16,933	18,673	19,511	15,421	1,034	940	849	887	939	553
Coconuts, in the shell—thousands	69,091	65,289	80,670	62,262	59,505	50,153	1,802	1,544	1,877	1,258	1,013	770
Almonds—												
Shelled—1,000 lbs.	21,770	17,537	18,863	14,693	13,147	5,684	6,167	6,090	6,437	3,967	2,883	1,029
Not shelled—do.	4,030	1,751	5,877	228	11	144	437	240	857	17	2	8
Brazil and cream—												
Shelled—do.	38,751	29,688	3,405	2,767	6,851	6,660	2,208	2,815	1,124	790	1,222	829
Not shelled—do.			32,947	13,718	27,705	20,229			1,980	1,263	1,177	675
Coconut meat, desiccated or prepared—												
Product of the Philippine Islands—do.	[7] 12,496	39,604	43,123	45,343	37,133	36,303	[7] 1,212	3,280	3,395	3,277	1,936	1,595
Other—do.	32,140	14,571	6,487	5,234	4,163	1,167	2,491	1,170	466	305	179	39
Filberts—												
Shelled—do.	5,419	5,639	5,544	4,659	3,768	2,804	972	1,155	1,259	1,064	662	300
Not shelled—do.	12,916	9,108	6,447	5,348	6,751	5,902	1,186	1,056	719	513	565	265
Walnuts—												
Shelled—do.	18,148	18,604	17,459	17,609	16,836	9,250	5,410	5,072	4,944	4,066	3,686	1,402
Not shelled—do.	27,331	12,839	7,181	3,630	5,001	3,087	3,284	1,557	745	390	417	210
Peanuts—												
Product of the Philippine Islands—do.	----------	[13] 865	----------	865	921	23	----------	[13] 54	----------	54	51	1
Shelled—do.	44,233	33,629	26,631	4,258	5,308	36	2,072	1,627	1,272	162	140	1
Not shelled—do.	5,397	6,009	4,609	3,218	4,277	473	245	252	194	107	115	10
Pecans—do.	[5] 1,858	530	392	408	187	6	[5] 172	65	75	37	57	1
Pignolia—do.	[5] 647	579	578	401	511	337	[5] 148	189	170	95	95	66
Pistache—do.	[5] 1,146	1,285	1,491	1,007	1,495	2,119	[5] 480	489	547	397	427	421
Cashew—do.	----------	[5] 4,079	----------	[5] 4,079	10,525	9,799	----------	[5] 356	----------	[5] 356	2,095	1,612
Other edible nuts, n. e. s.—do.	----------	4,275	5,298	4,094	1,188	979	869	955	1,186	846	210	146
E. Vegetable oils and fats, edible—do.	79,910	94,569	100,074	120,131	134,922	98,684	13,901	15,585	16,752	12,829	11,218	7,687
Cocoa butter—do.	2,585	116	45	239	10	16	603	26	11	29	3	3

Olive oil, edible	do	70,941	85,247	96,798	92,964	70,394	74,274	12,684	14,812	16,408	11,221	8,253	6,975
In packages weighing less than 40 pounds	1,000 lbs.	[5] 48,887	51,318	60,473	53,734	35,432	36,102	[5] 8,122	9,024	10,371	6,863	4,353	3,656
Other	do	[5] 34,420	33,929	36,325	39,230	34,962	38,172	[5] 5,998	5,787	6,036	4,358	3,900	3,319
Sunflower seed oil	do						16,457						411
Peanut oil	do	6,384	6,935	3,231	15,565	14,886	1,489	614	602	333	949	645	90
Other edible oils	do		[3] 11,362		[3] 11,362	49,632	6,448		[3] 630		[3] 630	2,315	207
F. Cocoa, coffee, and tea								263,109	355,795	379,534	264,281	217,514	169,360
Cocoa or cacao beans	1,000 lbs.	364,848	422,263	507,580	373,233	415,977	479,562	31,329	45,497	49,495	31,219	23,193	19,676
Cocoa, prepared	do	3,059	3,987	4,208	3,441	3,524	3,561	690	565	582	494	456	338
Chocolate, prepared	do		3,089	3,784	1,646	759	367		982	1,196	501	204	79
Coffee	do	1,340,272	1,492,950	1,482,258	1,599,317	1,741,536	1,501,126	205,792	231,707	302,397	209,472	174,904	136,812
Extracts of, and substitutes for coffee	do	[14] 661						[14] 23					
Tea	do	94,491	89,844	89,373	84,926	86,733	94,727	25,284	27,045	25,866	22,595	18,757	12,455
G. Spices	do	94,849	90,113	88,102	84,486	89,677	86,668	13,742	17,577	18,314	14,247	10,599	7,826
Paprika, unground	do	[10] 4,143	5,125	5,545	5,355	4,401	4,581	[10] 671	957	1,090	766	573	492
Celery seed	do	[5] 738	856	976	783	970	870	[5] 194	138	155	116	140	158
Cinnamon and chips of, unground	do	[5] 1,485	922	585	881	770	876	[5] 349	349	214	148	77	68
Cummin seed	do	[5] 1,560	820	991	281			[5] 221	74	99	34		
Caraway seed	do	[5] 5,090	4,753	4,835	5,644	5,805	5,465	[5] 482	351	390	379	302	276
Cardamom seed	do	[5] 150	203	196	222	244	131	[5] 182	198	202	181	137	65
Capsicum or red or cayenne and chili pepper, unground	1,000 lbs.	4,085	2,274	3,173	1,657	1,160	1,116	495	315	409	158	86	88
Cassia and cassia vera	do	8,334	8,720	7,946	8,507	7,616	7,550	509	642	574	569	451	468
Cloves, unground	do	5,994	4,562	3,154	3,798	3,942	4,496	1,221	923	758	748	684	459
Ginger root, unground, not prepared	do	5,015	3,878	3,928	3,464	5,059	2,951	585	335	410	313	282	120
Mustard—													
Seed, unground	do	12,705	16,922	17,656	11,828	10,935	10,224	619	930	948	576	445	395
Ground or prepared	do	1,501	1,725	1,718	1,604	1,447	1,034	838	967	959	915	787	420
Nutmegs, unground	do	4,021	4,122	4,181	3,914	4,550	4,278	753	873	777	543	422	301
Mace, unground	do	[5] 691	734	751	683	624	730	[5] 411	452	473	340	188	156
Pepper, unground—													
Black	do	33,316	22,394	21,804	25,600	28,459	28,226	2,898	5,540	6,194	4,743	3,002	2,426
White	do		4,117	3,599	4,961	5,118	5,668		1,517	1,614	1,337	798	590
Pimento (allspice), unground	do	[5] 3,298	2,300	1,963	2,140	2,908	2,397	[5] 180	351	424	284	158	80
Tonka beans	do		[5] 328	562	94	650	355		[5] 284	496	72	533	293
Vanilla beans	do	983	1,245	1,400	1,232	1,505	1,199	3,331	2,147	1,872	1,811	1,342	825
Other spices	do	12,861	3,508	3,139	1,837	3,514	4,521	1,552	404	257	212	212	149
H. Sugar and related products								303,517	223,199	229,740	150,537	122,613	105,025
Sugar cane, natural	1,000 tons of 2,000 lbs.		[2] 240	255	237	10	284		[2] 840	893	827	22	610
Beet sugar	1,000 lbs.	831	354		908	4,860	1,102	30	12		29	164	17
Cane sugar	do	8,117,916	8,470,917	9,776,778	6,989,319	6,347,659	5,941,440	295,361	207,306	209,277	129,537	112,026	96,701
Product of Philippine Islands and Virgin Islands	1,000 lbs.	614,419	1,209,073	1,428,381	1,599,053	1,638,938	2,089,471	30,077	45,597	49,982	51,792	50,021	57,340
Other	do	7,503,497	7,261,844	8,348,397	5,390,266	4,708,721	3,851,969	265,284	161,709	159,296	77,745	62,605	39,361
Molasses, n. e. s.	1,000 galls.	159,362	267,741	310,759	113,380	7,243	8,694	7,138	12,996	15,947	8,246	1,182	847
Molasses not for human consumption	do		26,834	1,379	[12] 2,754	176,837	178,077		1,894	77	9,386	7,163	5,574

[2] Average for years 1928–1930.
[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.
[10] 1925 only.
[13] 1930 only.
[14] Average for years 1921–1923

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	4,022	5,892	5,363	4,593	462	951	1,012	1,112	951	660
Maple sugar and maple sirup do	3,247	7,853	13,285	7,355	2,698	3,410	466	1,396	2,509	1,354	498	605
Honey do	911	214	108	205	62	53	63	31	24	27	11	7
Dextrose, lactose, and levulose do		[3] 214		[3] 214	108	32		[3] 18		[3] 18	6	3
I. Beverages							2,215	1,717	1,878	1,410	1,265	1,101
Lemon, lime, and sour orange juice, not more than 2 per cent alcohol 1,000 gals.	[1] 445	316	189	132			[1] 419	296	169	102		
Compounds containing spirits 1,000 pf. gals.	142	69	81	43	33	39	591	316	403	192	139	138
Wine 1,000 gals.	377	39	21	45	21	34	726	93	49	92	55	66
Ginger ale or beer, not alcoholic do	[5] 69	106	88	39	22	9	[5] 93	112	104	44	26	8
Mineral water do	674	912	1,045	942	974	846	278	452	525	497	494	412
Other beverages and fruit juices							331	449	627	483	551	427
GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD												
Total							441,405	575,115	553,660	364,922	226,763	125,208
A. Rubber and manufactures							197,785	301,932	247,420	144,298	76,379	34,273
Rubber, crude, and milk of 1,000 lbs.	681,100	1,042,301	1,262,939	1,089,830	1,124,003	928,857	192,922	294,428	240,966	140,642	73,803	32,538
Jelutong or pontianak do	9,659	16,446	18,376	13,232	12,941	10,319	898	2,396	2,458	1,403	1,019	617
Balata do	1,481	1,298	1,631	1,124	2,705	1,585	820	445	567	423	412	147
Gutta-percha do	2,566	2,255	1,001	113	275	425	417	471	167	20	36	28
Guayule do	[4] 3,879	6,618	2,857	2,455			[4] 789	1,577	545	347		
Siak and scrap, and reclaimed do	12,745	20,951	20,183	10,744	9,514	5,942	612	714	397	135	119	55
Rubber tires number		8,286	5,540	8,468	38,312	40,706		98	100	85	88	217
Other manufactures of rubber							1,643	1,803	2,219	1,243	902	671
B. Gums, resins, and balsams, n. e. s.							30,942	31,187	35,638	21,451	13,131	7,913
Varnish gums and resins—												
Damar 1,000 lbs.	20,864	15,369	19,131	11,217	11,734	8,553	2,846	1,969	2,403	1,017	704	344
Kauri do		4,485	4,870	2,890	1,641	770		667	688	406	206	68
Lac, crude, seed, button, and stick do		[6] 8,333	7,976	8,689	7,191	9,518		[6] 2,152	2,579	1,730	934	1,015
Shellac do	27,183	26,554	33,335	18,982	11,962	11,321	14,958	9,820	12,789	5,190	1,953	1,511
All other do	[1] 33,884	40,856	37,976	20,773	15,303	10,313	[1] 4,611	4,817	3,013	1,415	778	392
Tar, pitch, and turpentine							[1] 200	341	335	213	57	103
Camphor—												
Natural, crude 1,000 lbs.	2,248	2,667	4,204	1,058	2,004	1,799	1,341	1,123	1,580	419	714	513
Natural, refined do	2,691	1,258	1,431	1,032	1,152	1,034	1,758	706	793	557	546	358
Synthetic do		2,901	3,957	2,405	1,798	1,480		1,171	1,376	851	588	406
Chicle do	8,913	12,833	13,223	13,957	8,928	4,948	4,455	6,460	6,621	7,021	4,195	2,023
Balsam, crude do	395	389	407	398	318	254	196	200	228	199	120	68

Arabic or Senegal	do	8,034	8,657	8,471	6,954	7,264	5,509	842	870	913	973	536	227
Tragacanth	do	[1] 1,000	1,533	2,107	1,003	1,673	1,425	[1] 423	754	947	443	674	328
Kadaya (karaya) and talka	do		[6] 3,925	4,064	3,786	4,582	3,544		[6] 445	556	334	397	196
Other gums and resins, n. e. s.								1,406	1,230	925	682	729	361
C. Drugs, herbs, leaves, roots, etc.								6,527	9,474	10,581	7,678	5,925	5,005
Cinchona bark or other from which quinine may be extracted	1,000 lbs.	2,333	2,257	1,960	1,939	1,581	1,139	729	631	552	585	424	358
Pyrethrum or insecticide flowers	do	[1] 4,451	10,017	9,013	8,536	4,521	12,111	[1] 1,413	1,905	2,061	1,333	522	1,309
Licorice root	do	63,499	75,450	88,267	57,372	59,283	57,569	2,167	2,006	2,260	1,350	1,424	1,156
Licorice extract	do	[1] 1,537	1,050	1,166	1,082	1,312	1,039	[1] 266	193	204	147	154	100
Opium, crude, 8.5 per cent or more morphia	1,000 lbs.	105	136	168	122	130	130	502	880	1,071	686	394	274
Senna	do	[1] 3,144	2,887	2,899	2,343	1,266	1,944	[1] 272	195	194	166	70	82
All other	do	[7] 19,148	24,419	27,281	23,447	22,626	17,549	[7] 2,450	3,665	4,240	3,411	2,937	1,725
D. Oilseeds								51,904	65,999	79,335	54,845	32,666	16,472
Cottonseed	1,000 lbs.	[1] 75,909	14,287	168	339			[1] 1,050	189	2	5		
Castor beans	do	79,797	122,553	175,342	103,061	103,215	83,156	2,998	4,392	6,226	3,163	2,359	1,604
Copra	do	289,278	515,371	570,931	596,339	457,947	453,447	12,330	22,583	24,195	21,787	11,067	8,059
Flaxseed	1,000 bus. of 56 lbs.	16,934	19,771	24,243	12,662	14,480	7,919	34,045	36,794	46,549	26,732	14,129	5,154
Poppy seed	1,000 lbs.	[1] 5,183	5,973	6,432	6,084	7,196	6,634	[1] 489	487	437	413	411	417
Palm nuts and kernels	do						28,700						381
Rapeseed	do						10,748						269
Sesame seed	do		17,967	18,340	55,666	139,608	19,182		641	777	1,643	3,606	428
Other oil seeds	do	26,805	25,430	32,168	36,301	50,443	9,915	908	914	1,160	1,103	1,094	158
E. Vegetable oils								51,039	72,963	91,486	66,216	40,413	24,323
Expressed oils and fats								45,752	66,375	83,910	60,573	36,780	21,577
Tung oil	1,000 lbs.	75,354	105,575	119,678	126,323	79,311	75,922	9,247	12,367	14,972	12,487	4,426	3,434
Coconut oil—													
Product of Philippine Islands	do	205,191	311,798	411,936	317,919	325,175	249,117	15,850	23,500	29,552	19,901	15,272	7,619
All other	do	6,181						516					
Palm oil	do	90,025	201,839	261,816	287,493	258,145	217,167	6,515	13,209	17,500	16,327	10,791	5,998
Inedible oils for mechanical or manufacturing purposes—													
Olive oil, sulphured or foots	1,000 lbs.	34,009	46,162	45,874	62,783	36,924	45,909	2,857	3,285	3,128	3,400	1,652	1,605
Other inedible olive oil	do		8,583	10,332	7,113	12,045	11,759		1,118	1,339	661	1,003	735
Palm-kernel oil	do	[4] 19,918	54,184	69,909	29,104	12,928	249	[4] 1,776	4,415	5,301	1,771	837	11
Rapeseed (colza oil)	1,000 gals.		[3] 478		[3] 478	948	609		[3] 223		[3] 223	354	158
Sesame oil	1,000 lbs.		9,854	21,588	10,876	1	(5a)		941	1,915	878	(5a)	(5a)
Vegetable tallow	do	[1] 6,726	6,692	11,530	7,122			[1] 487	460	812	428		
Vegetable wax	do	7,704	5,899	4,618	2,483	2,648	3,197	1,266	1,332	724	339	230	217
Rapeseed (colza) oil, n. e. s.	1,000 gals.	1,708	2,342	2,507	1,636	466	360	1,242	1,515	1,588	883	225	118
Linseed oil	1,000 lbs.	54,836	5,649	9,961	2,125	235	25	4,326	414	739	205	11	1
Soybean oil	do	20,975	17,316	19,489	8,348	4,916	405	1,305	1,109	1,217	463	173	11
Carnauba wax	do		[2] 6,579	6,849	7,416	7,447	6,166		[3] 1,496	1,537	1,435	1,070	733
Perilla oil	do		[2] 5,474	5,574	8,838	13,285	16,525		[7] 578	638	884	729	554
Other expressed oils	do	[1] 16,197	15,869	38,915	3,533	2,669	8,793	1,267	1,420	2,948	286	187	382

[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 1923 and 1930.
[7] Average for years 1922–1925.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
Group 2.—Vegetable products, inedible, etc.—Continued												
E. Vegetable oils—Continued.												
Essential and distilled oils							5,278	6,588	7,576	5,643	3,653	2,746
Cassia and cinnamon, 1,000 lbs.		349	354	372	306	326		438	470	373	218	158
Geranium, do.	[5] 156	172	90	189	141	145	[5] 746	499	381	593	420	463
Otto of roses, 1,000 oz.	[5] 52	32	49	18	20	15	[5] 282	328	411	216	209	105
Bergamot, 1,000 lbs.	[1] 99	114	113	176	81	40	[1] 303	495	481	440	136	73
Citronella and lemon grass, do.	[1] 1,108	1,326	1,341	1,097	1,026	1,508	[1] 804	618	622	542	386	483
Lavender and spike lavender, do.	[1] 2,217	315	381	376	280	212	[1] 604	754	906	722	500	228
Lemon, do.	530	471	345	624	347	167	382	884	1,096	588	216	123
Orange, do.	[1] 218	198	216	166	132	114	[1] 478	535	854	362	230	112
Sandalwood, do.	[5] 39	14	29	19	10	5	[5] 183	58	140	80	49	19
All other essential and distilled oils, do.	[5] 3,170	3,618	4,239	3,065	2,920	2,961	3,008	1,928	2,214	1,726	1,289	982
F. Dyeing and tanning materials, n. e. s.							8,142	8,552	8,109	7,414	5,343	3,267
Logwood, tons.	26,797	28,532	28,155	24,253	21,863	13,172	514	501	431	375	384	190
Myrobalans fruit, do.	[1] 16,012	17,234	16,504	12,335	11,326	9,940	[1] 415	558	473	293	232	136
Quebracho wood, do.	26,439	56,742	70,608	44,114	55,306	13,383	368	897	1,037	640	537	126
Sumac, do.	4,935	3,975	3,579	3,946	2,960	1,427	347	242	213	231	117	40
Valonia, 1,000 lbs.	[1] 17,622	19,231	18,402	36,096	17,158	17,832	[1] 307	331	305	454	282	186
Gambier or terra japonica, do.	6,184	3,942	5,277	2,615	2,258	2,252	433	275	338	162	154	146
Wattle bark, do.		[5] 11,797	13,809	9,784	5,183	3,551		[5] 222	271	172	70	29
Other crude, do.	[1] 68,267	54,659	30,919	31,795	25,850	16,688	1,208	1,169	762	731	528	310
Extracts for dyeing, coloring, etc., do.	3,153	1,579	1,799	1,006	1,578	710	255	143	129	103	125	66
Extracts for tanning—												
Quebracho, do.	117,246	96,192	82,377	87,377	90,863	105,388	4,335	4,123	3,783	3,838	2,503	1,819
All other, do.	6,905	6,772	11,644	13,453	13,332	9,950	249	225	367	415	361	217
G. Seeds, except oil seeds							11,528	9,207	8,972	6,778	4,472	3,304
Field seeds—												
Alfalfa, 1,000 lbs.	[1] 7,184	2,064	999	368	179	243	[1] 966	366	141	51	26	20
Clover, do.	33,994	23,712	22,108	11,086	4,640	2,385	4,618	3,505	3,129	1,154	579	328
Red, do.	12,089	8,098	6,438	2,046	1,947	30	1,996	1,428	937	194	224	2
Alsike, do.	[1] 9,532	5,816	6,804	4,198	94		[1] 1,319	1,148	1,280	543	11	
Crimson, do.	[1] 6,067	3,036	3,296	3,516	1,890	665	[1] 403	240	306	189	69	31
Other, do.	12,546	6,761	5,570	1,326	709	1,690	1,589	688	606	228	170	295
Vetch, do.	[1] 9,066	3,672	3,265	2,424	3,179	2,072	[1] 945	220	185	94	105	53
Grass seeds, do.	10,447	7,931	7,729	5,903	5,884	4,291	1,070	1,101	1,219	932	745	279
Sugar-beet seeds, do.	10,510	13,433	15,503	14,471	13,962	20,913	1,206	1,403	1,548	1,615	1,309	1,390
Seeds for the Department of Agriculture							1,453	158	393	392		
Garden and flower seeds—												
Cabbage, 1,000 lbs.	[1] 416	265	137	351	244	180	[1] 114	148	93	204	123	87
Canary, do.	[1] 11,749	15,848	17,608	15,929	20,638	19,622	[1] 551	568	718	687	541	317
Spinach, do.					2,011	2,379					172	184
Turnip, do.	[1] 1,442	1,504	759	1,380	1,262	564	[1] 176	169	93	167	138	55

Onion—do		[6] 199	193	205	185	237		[6] 285	260	309	143	133
All other—do	[1] 5,263	6,084	6,210	5,809	2,676	1,942	1,529	1,456	1,195	1,174	696	458
H. Nursery and greenhouse stock							7,233	7,430	7,638	6,855	4,000	2,433
Bulbs, roots, and corms—												
Hyacinth—thousands	261,063	22,342	20,312	21,883	19,933	16,900	6,739	1,516	1,445	1,129	704	559
Lily, tulip, and narcissus—do		217,188	207,982	209,414	153,335	120,346		5,196	5,543	5,030	2,850	1,654
Crocus and other—do		20,419	15,449	17,584	15,109	12,140		259	228	259	169	102
Trees, plants, cuttings, and seedlings—												
Fruit stock—do		11,715	9,176	11,250	4,005		494	78	53	65	21	
Rose stocks and plants—do		12,484	12,651	12,822	10,024	6,866		186	193	194	119	77
All other—do		[10] 585	271	277	357	88		194	173	176	137	41
I. Tobacco and manufactures							73,230	64,544	60,617	46,572	41,793	28,561
Unmanufactured—1,000 lbs	66,942	77,013	68,066	71,544	74,452	56,907	64,831	57,018	53,821	40,922	37,088	23,027
Product of Philippine Islands—do	1,189	2,978	3,963	4,680	4,144	3,560	177	388	443	528	554	433
Leaf, for cigar wrappers—do	6,342	6,277	8,563	3,858	4,745	2,056	14,335	12,548	15,750	6,177	6,970	2,725
Cigar leaf (filler)—												
Unstemmed—do	58,078	7,118	6,706	5,487	4,976	3,670	49,794	5,710	5,010	4,049	2,930	1,943
Stemmed—do		14,896	15,551	14,228	11,260	6,973		13,741	13,883	11,755	8,275	5,146
Cigarette leaf, unstemmed—do		43,438	31,004	39,872	43,502	35,852		24,027	18,072	17,725	17,576	12,108
Scrap—do	1,334	2,088	2,279	2,326	2,853	2,680	475	596	663	650	697	597
Stems, not cut, or ground—do		[3] 1,093		[3] 1,093	2,972	2,116		[3] 38		[3] 38	86	75
Manufactures of tobacco—												
Cigars and cheroots—												
Product of Philippine Islands—do	2,924	2,443	2,073	1,901	2,056	2,192	4,473	3,943	3,341	2,997	3,105	3,066
Other cigars and cheroots—do	435	378	381	280	217	42	3,542	3,176	3,111	2,368	1,365	315
Cigarettes, product of Philippine Is.—do	3	25	17	6	10	3	6	35	28	12	15	4
All other manufactures, n. s. p. f.—do	297	297	211	221	176	157	378	372	316	273	220	150
J. Miscellaneous vegetable products							2,785	3,844	3,856	2,812	2,639	1,656
Agar-agar—1,000 lbs		430	561	399	501	480		308	435	306	325	184
Hops, hop extract, and lupulin—do	969	713	765	1,099	1,077	1,300	357	243	174	160	159	205
Starch—do	10,664	23,988	31,193	15,053	19,524	11,898	405	791	857	325	385	220
Vegetable ivory, or tagua nuts—do	31,976	23,410	26,633	12,578	17,948	10,674	1,200	728	649	254	382	148
Moss, seaweed, etc., crude—do							500	386	404	335	226	96
Peat moss—tons of 2,240 lbs		[3] 30,290		[3] 30,290	57,079	57,769		[3] 383		[3] 383	683	601
All other							1,322	1,312	1,337	1,049	479	201
GROUP 3.—TEXTILES												
Total							892,920	893,766	1,001,909	600,708	412,687	244,038
A. Cotton, unmanufactured—1,000 lbs	165,958	182,137	223,275	128,373	61,302	67,738	46,280	42,663	53,333	25,274	6,070	6,990
Long staple, 1⅜ inches or over—do	[4] 56,364	51,300	51,726	38,804	4,516	12,614	[7] 19,187	16,178	17,687	10,817	724	1,510
Short staple, under 1⅛ inches—do	[7] 116,596	130,794	171,549	89,349	45,215	25,831	[7] 30,437	26,476	35,646	14,422	3,826	1,935
Staple 1⅛ to 1⅜ inches—do		[3] 220		[3] 220	11,570	29,293		[3] 35		[3] 35	1,521	3,245
B. Cotton, semimanufactures							8,389	5,421	5,810	3,114	1,788	933
Cotton waste—1,000 lbs	36,068	33,823	41,208	25,331	14,735	6,501	3,337	2,112	2,478	1,302	595	177
Yarns and warps—												
Not bleached, dyed, or plied, etc—do	4,238	33	12	5			5,052	29	12	6		
Bleached, dyed, combed, or plied—do		2,747	2,669	1,649	1,466	1,264		3,280	3,320	1,805	1,193	756

[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.
[10] Average for years 1927–1930.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 3.—TEXTILES—Continued												
C. Cotton manufactures							78,178	58,206	63,454	43,106	38,866	26,969
Sewing thread, crochet, darning, embroidery, and knitting cotton, million yds.	4,140	1,832	1,610	1,446	1,365	1,084	2,890	1,615	1,226	1,019	812	647
Cotton cloth, 1,000 sq. yds.	150,874	56,336	61,185	35,517	34,732	29,436	35,963	14,605	15,901	9,426	7,035	4,246
Not bleached, do.	67,387	23,171	20,455	11,320	7,136	4,306	13,290	4,727	4,499	2,389	1,133	519
Bleached, do.	14,001	9,367	13,163	6,988	9,316	11,420	3,747	2,021	2,557	1,453	1,472	1,382
Colored, dyed, printed, etc., and woven figured, 1,000 sq. yds.	69,486	23,798	27,567	17,209	18,280	13,709	18,926	7,856	8,845	5,583	4,430	2,347
Cotton fabrics, n. e. s.							2,988	8,060	8,462	5,830	4,859	2,675
Cloth, chief value cotton, less than 17 per cent wool, 1,000 lbs.		[3] 42		[3] 42	230	9		[3] 20		[3] 20	57	3
Table damask and manufactures							[1] 405	307	386	255	191	207
Pile fabrics and manufactures							703	2,396	2,624	996	1,687	447
Velvets and velveteens, 1,000 sq. yds.		[2] 2,464	3,145	698	701	37		[3] 1,863	2,326	512	586	33
Other								[2] 403	298	484	1,101	414
Tapestries and other Jacquard woven upholstery cloths							1,867	4,589	4,650	3,416	1,538	736
Blankets and blanket cloth, 1,000 lbs.					89	6		354	501	357	50	1
Table covers, napkins, doilies, etc.							[3] 400	308	301	278	172	142
Bed spreads and quilts, thousands		[3] 394		[3] 394	1,020	1,162		[3] 403		[3] 403	962	940
Sheets, pillow cases, towels, etc.								[3] 104		[3] 104	202	200
Wearing apparel							12,815	14,780	15,605	12,014	11,405	8,340
Product of Philippine Islands							3,113	4,059	4,605	3,106	2,044	2,660
Knit goods—												
Gloves, 1,000 doz. prs.	1,414	2,107	1,978	1,762	2,535	2,276	4,480	6,571	5,809	5,757	6,848	4,351
Hosiery, do.	764	649	912	512	600	521	1,635	2,025	2,606	1,523	1,584	828
Underwear and other knit goods							244	436	663	422	224	179
Wearing apparel wholly or partly of lace, or embroidered, beaded, etc.							[1] 2,632	702	813	606	336	165
All other							1,765	966	1,108	599	369	156
Other cotton manufactures							23,523	19,167	22,260	14,817	14,755	11,059
Handkerchiefs and mufflers—												
Not of lace, embroidered, etc., 1,000 lbs.	[1] 328	210	214	133	109	84		649	652	407	273	137
Lace trimmed, or embroidered, etc., thousands					2,971	1,312	2,145	1,111	1,272	511	161	55
Laces, embroideries, etc.							6,576	11,259	11,783	8,756	9,247	6,175
Product of Philippine Islands							296	510	929	426	267	232
Handmade laces							1,770	790	587	395	432	387
Machine-made laces							10,006	6,201	7,158	5,244	6,311	3,975

Articles in part of lace							[1] 1,304	1,290	1,305	994	615	361
Lace window curtains							610	449	287	273	214	241
Embroideries							833	587	403	577	327	47
All other laces, embroideries, etc							2,273	1,432	995	847	1,081	942
Cotton floor coverings 1,000 sq. yds		[6] 4,851	5,398	4,303	7,291	9,415		[6] 2,282	2,848	1,715	2,897	3,308
Belting for machinery 1,000 lbs		[3] 183		[3] 183	438	351		[3] 99		[3] 502	198	127
Rags, except paper stock do		[3] 9,539		[3] 9,529	17,019	11,589		[3] 502			751	310
Other cotton manufactures, n. e. s							4,802	5,115	5,765	2,827	1,228	947
D. Jute and manufactures							78,556	93,709	95,989	67,855	37,681	22,489
Jute, unmanufactured tons of 2,240 lbs	71,358	60,346	57,349	41,651	46,665	27,976	9,002	9,442	8,058	5,091	3,669	1,804
Jute butts, unmanufactured do		19,668	30,470	19,374	17,957	1,116		1,848	3,214	1,485	835	63
Waste bagging and waste sackcloth 1,000 lbs	[1] 11,630	38,604	33,587	37,592	55,075	62,978	[1] 265	1,119	622	636	953	735
Burlaps do	559,263	606,083	643,645	598,157	431,363	341,544	60,406	72,250	77,377	54,300	28,757	16,908
Bagging for cotton							1,822	3,532	1,856	2,358	873	614
Woven fabrics, n. e. s 1,000 lbs	[1] 2,151	2,039	2,427	1,156	1,522	1,116	[1] 705	625	722	336	361	190
Jute bags or sacks do	47,803	40,778	32,198	43,315	37,663	43,148	4,175	4,146	3,170	3,059	1,902	1,768
Yarns, single do	[1] 4,061	824	2	66	8		[1] 453	96	1	9	1	
Cordage do		[3] 149		[3] 149	262	168		[3] 22		[3] 22	32	13
Other jute manufactures							[7] 372	647	969	559	298	373
E. Flax, hemp, and ramie, and manufactures							48,197	47,944	48,885	36,832	30,079	20,713
Flax, unmanufactured tons of 2,240 lbs	5,254	5,826	5,657	6,614	3,087	3,525	2,984	3,080	3,277	2,840	687	763
Hackled do	1,522	1,980	2,126	2,096	517	543	1,720	1,638	1,867	1,430	265	254
All other do	3,732	3,845	3,531	4,518	2,570	2,982	1,264	1,442	1,410	1,410	422	509
Hemp, unmanufactured do	3,921	1,708	1,401	1,457	1,018	506	1,162	549	407	379	148	75
Manufactures of flax, hemp, and ramie							44,051	44,315	45,200	33,613	29,244	19,873
Single yarns 1,000 lbs	4,764	2,578	2,759	2,345	1,983	1,120	1,484	1,204	1,216	931	555	288
Thread and twine do	[1] 640	496	458	344	364	231	[1] 721	554	563	389	277	157
Fabrics 1,000 lbs					22,216	19,845	25,011	23,227	24,193	15,985	14,076	9,305
Plain woven fabrics, weighing less than 4 oz. per sq. yd 1,000 lbs	[1] 5,337	3,781	4,843	3,493	4,743	4,368	[1] 7,577	4,653	5,671	3,885	4,357	3,173
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	1,988	1,577	2,084	1,339	[1] 3,060	1,552	1,220	915	947	476
Pile fabrics and manufactures do		[13] 103		103	472	159		[13] 152		152	663	208
Woven fabrics for padding or interlining 1,000 lbs		[13] 799		799	2,547	2,360		[13] 300		300	736	537
Table-damask and manufactures							[1] 5,781	6,434	7,116	5,169	2,951	2,093
Other fabrics of flax, hemp or ramie 1,000 lbs	[1] 11,500	13,066	13,257	8,472	9,380	8,255	[1] 13,947	10,496	10,186	5,563	4,422	2,519
Wearing apparel							429	497	755	648	463	369
Towels or napkins and bed clothing thousands	[5] 14,296	25,006	21,025	28,263	37,194	34,262	[5] 3,144	3,734	3,317	3,668	3,611	2,493
Handkerchiefs—												
Not embroidered nor of lace 1,000 doz	2,301	3,570	4,449	3,135	2,630	1,714	3,663	3,651	4,175	2,930	2,054	1,088
Made of lace or embroidered do		1,505	1,737	2,034	2,576	1,618		1,964	2,228	2,002	2,329	1,498

[1] Average for years 1926–1928.
[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.
[13] 1930 only.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	9	6	3	14
Embroideries and embroidered articles							5,175	5,367	5,349	4,230	3,168	2,458
Laces, drawn work, etc.								929	739	477	96	42
Other manufactures n. e. s							6,563	3,131	2,656	2,327	2,552	2,161
F. Other vegetable fibers and manufactures							37,034	43,619	47,440	29,578	17,185	14,848
Unmanufactured fiber ..... tons of 2,240 lbs	213,462	213,060	238,032	182,650	153,234	222,440	33,388	37,904	40,239	25,415	13,617	12,176
Istle or tampico fiber ..... do	12,248	12,625	11,678	11,112	9,953	8,432	1,212	1,557	1,289	1,051	650	340
Manila or abaca fiber ..... do	71,452	60,849	72,190	64,052	30,740	25,659	12,318	12,670	13,496	8,844	2,939	1,614
New Zealand fiber ..... do	[16] 917	3,975	4,054	2,844	304	125	[16] 151	610	576	377	26	7
Crin vegetal ..... do				[3] 4,216	9,848	5,016				[3] 148	285	124
Sisal and henequen fiber ..... do	109,124	118,560	134,683	85,661	89,300	168,205	14,478	18,493	21,088	11,864	7,451	8,427
Kapok fiber ..... do	8,324	7,976	7,133	8,142	7,830	7,768	3,647	3,578	2,841	2,480	1,819	1,434
All other, n. e. s ..... do	12,121	9,074	8,294	6,623	5,259	7,235	1,682	996	949	650	447	231
Manufactures of—												
Binding twine ..... 1,000 lbs	9,791	13,563	18,946	12,173	22,889	31,992	1,134	1,481	2,013	1,311	1,891	1,623
Cordage—												
Product of the Philippine Islands ..... do	[1] 5,056	6,524	6,937	7,514	5,380	4,942	[1] 632	885	951	661	547	445
Other ..... do	[1] 3,200	5,949	9,647	3,338	2,611	3,768	[1] 496	824	1,292	445	246	275
Other manufactures							1,789	2,525	2,945	1,446	884	327
I. Wool, including mohair, etc., unmanufactured ..... 1,000 lbs	339,811	253,242	280,371	163,734	158,385	56,535	102,369	78,780	87,344	37,092	22,372	6,029
Carpet wool (actual weight) ..... do	138,453	135,503	175,007	93,404	120,500	40,935	29,695	34,300	46,989	18,994	14,354	3,602
Clothing wool (actual weight) ..... do	63,677	16,858	18,498	14,702	6,344	5,161	17,137	6,050	6,966	3,841	1,527	743
Combing wool (actual weight) ..... do	132,028	96,440	83,709	54,364	30,954	10,214	53,335	36,230	31,901	13,342	6,140	1,577
Hair of the Angora goat, Cashmere goat, alpaca, etc. (actual weight) ..... 1,000 lbs	5,653	4,439	3,156	1,252	586	226	2,201	2,209	1,489	910	350	106
Hair of the Angora goat (mohair) ..... do	[1] 3,454	3,765	1,968	427	175	113	[1] 1,665	1,780	812	177	44	20
Hair of the Cashmere goat, alpaca, etc. do	[1] 1,236	674	1,188	825	411	113	[1] 518	429	677	733	306	86
Wool, carbonized ..... do		[2] 12		[2] 12	200			[2] 5		[2] 5	66	

J. Wool, semimanufactures								20,544	12,451	13,632	6,439	2,105	1,160
Noils	1,000 lbs.	33,041	6,393	6,002	3,595	2,067	1,821	12,161	4,333	4,785	2,297	1,241	698
Wool rags, flocks, and mungo	do.		18,062	20,486	7,092	1,027	667		5,153	5,752	1,852	251	142
Waste	do.		3,615	2,847	2,107	769	122		1,900	1,613	759	225	29
Tops and other wool advanced	do.	4,902	286	738	291	24	8	3,288	318	743	309	19	4
Yarns	do.	3,967	332	240	262	153	205	5,094	746	738	1,220	369	287
Mohair	do.	[5] 774	130	76	74	6	6	[5] 958	281	374	458	6	6
Rabbit, including Angora rabbit	do.	[3] 84	[3] 84		37	25			[3] 568		[3] 568	236	116
Wool or other hair	do.	[5] 1,250	201	163	104	110	174	[5] 1,958	465	364	199	127	165
K. Wool manufactures								44,048	56,844	64,869	33,703	20,800	11,539
Woven fabrics of mohair and wool	1,000 sq. yds.	[5] 22,082	17,869	19,518	9,219	4,721	3,712	18,774	18,437	20,023	9,644	4,816	2,603
	1,000 lbs.	9,936	9,253	10,037	4,788	2,602	1,953						
Mohair fabrics	1,000 sq. yds.	[5] 396	376	402	340	77	65	[1] 214	155	173	126	27	13
	1,000 lbs.	[1] 102	84	96	75	17	14						
Worsteds—													
Weighing not over 4 oz. per sq. yd	1,000 sq. yds.	[5] 4,442	4,401	5,047	1,974	446	371	[5] 2,022	1,833	2,042	756	184	125
	1,000 lbs.	[5] 933	907	1,052	410	87	74						
Weighing over 4 oz. per sq. yd	1,000 sq. yds.	[5] 1,580	1,833	2,775	1,318	908	864	[5] 1,924	2,685	3,831	1,747	959	493
	1,000 lbs.	[5] 806	988	1,485	694	472	353						
Woolens—													
Weighing over 4 oz. per sq. yd	1,000 sq. yds.	[5] 15,666	11,251	11,294	5,587	3,290	2,612	[5] 17,246	13,784	13,977	7,014	3,646	1,972
	1,000 lbs.	[5] 9,422	7,275	7,404	3,609	2,026	1,512						
Other fabrics of wool	do.	[1] 34	99	13	396	376	153	[1] 72	193	63	528	498	144
Carpets and rugs	1,000 sq. yds.	2,365	3,027	3,340	2,034	1,642	1,303	13,149	19,528	21,509	12,076	8,222	4,751
Oriental, Axminster, Savonnerie, Aubusson, oriental weave, and chenille Axminster	1,000 sq. yds.	[1] 2,187	2,161	2,304	1,301	1,089	764	[1] 14,423	17,015	18,067	10,358	7,251	4,148
All other	do.	[1] 610	866	1,036	733	553	539	[1] 1,389	2,514	3,442	1,719	971	603
Wearing apparel								9,610	16,041	19,975	10,300	6,900	3,896
Knit goods—													
Sweaters	1,000 lbs.					41	16					208	79
Hosiery	1,000 doz. prs.	[1] 506	356	394	230	247	178	[1] 3,188	2,279	2,337	1,312	956	411
Gloves and mittens	do.	[1] 183	125	98	73	81	43	[1] 471	261	194	145	144	74
Other knit and crocheted goods	1,000 lbs.	[1] 310	506	527	756	966	862	[1] 1,193	2,192	2,693	2,677	2,009	1,495
Hats and hat bodies of wool-felt	do.	[1] 1,775	[15] 4,402	7,295	3,205	3,024	1,812	[1] 5,738	[15] 6,496	10,741	3,891	2,409	1,126
Hat bodies of wool-felt	do.			7,059	3,171	3,011	1,811			10,240	3,805	2,390	1,121
Hats of wool-felt	do.			236	34	13	1			501	86	19	5
All other wearing apparel	do.		2,137	893	514	310	251		6,113	4,010	2,276	1,174	711
Wool laces, embroideries, etc.								[5] 730	331	428	293	76	45
Other manufactures of wool								2,173	2,314	2,869	862	289	101

[1] Average for years 1923–1925. [3] June 18 to Dec. 31, 1930. [5] Average for years 1924 and 1925. [15] Average for years 1927–1930. [16] 1921 only.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 3.—TEXTILES—Continued												
L. Hair and manufactures, n. e. s.							8,944	5,456	5,464	3,624	2,783	1,364
Human hair—												
Unmanufactured ..... 1,000 lbs.	1,581	2,604	2,079	2,723	2,249	2,152	800	917	578	636	383	305
Nets and netting of human hair ..... 1,000 gross		610	665	540	529	385	[17] 4,585	609	631	430	315	255
Other manufactures of human hair								168	174	117	107	56
Horse hair, tails, or manes ..... 1,000 lbs.	4,899	4,136	3,692	3,461	3,357	2,370	2,336	2,125	1,907	1,432	1,300	449
Cattle body hair, ordinary ..... do.	9,275	11,649	8,500	4,345	4,187	1,407	1,152	1,538	679	321	219	52
Other animal hair, n. e. s. ..... do.			8,247	3,490	3,221	1,490			1,442	637	425	206
Manufactures of horse and cattle hair ..... do.	[3] 665	318	179	193	120	338	[4] 120	98	53	50	34	41
M. Silk, unmanufactured ..... do.	62,030	86,458	98,016	81,993	89,446	77,586	356,287	374,715	432,340	266,138	192,287	114,325
Raw silk ..... do.	52,119	75,343	87,068	73,733	83,853	74,053	348,123	368,232	427,126	262,913	191,290	113,882
Silk, waste, and cocoons ..... do.	9,911	11,114	10,948	8,260	5,593	3,533	8,163	6,482	5,214	3,225	997	444
N. Silk manufactures							40,941	36,383	39,037	18,687	16,625	5,833
Spun silk or schappe silk yarn ..... 1,000 lbs.	1,383	516	313	189	171	22	4,385	1,401	883	440	342	37
Singles ..... do.	[1] 243	60	52	27	27	6	[1] 642	166	174	96	76	11
Advanced ..... do.	[1] 1,109	456	261	162	144	16	[1] 3,927	1,234	710	344	266	26
Bolting cloths ..... do.	[1] 21	23	21	14	15	12	488	594	594	412	366	269
Fabrics, broad, except pile fabrics ..... do.	2,959	3,314	3,858	2,000	3,120	1,611	17,580	15,545	16,811	8,000	9,065	3,048
Fabrics not over 30 inches wide—												
Not jacquard, figured ..... 1,000 sq. yds.		[3] 427		[3] 427	2,073	964		[3] 269		[3] 269	984	396
1,000 lbs.		[3] 61		[3] 61	212	119						
Jacquard, figured ..... 1,000 sq. yds.		[3] 87		[3] 87	572	310		[3] 106		[3] 106	853	397
1,000 lbs.		[3] 13		[3] 13	120	68						
Fabrics over 30 inches wide—												
Not jacquard, figured ..... 1,000 sq. yds.		[3] 3,765		[3] 3,765	28,979	15,330		[3] 1,191		[3] 1,191	6,083	2,028
1,000 lbs.		[3] 383		[3] 383	2,590	1,377						
Jacquard, figured ..... 1,000 sq. yds.		[3] 119		[3] 119	772	209		[3] 196		[3] 196	1,145	227
1,000 lbs.		[3] 25		[3] 25	198	47						
Pile fabrics ..... do.	660	672	957	219	240	64	4,029	4,525	6,585	1,025	1,188	302
Pile ribbons and manufactures of pile fabrics ..... do.		84	46	63	148	63		461	292	309	687	255
Ribbons, braids, and narrow fabrics							670	292	220	112	55	23

Silk wearing apparel							6,310	7,347	7,453	4,651	2,586	1,061
Product of Philippine Islands							16	[15] 114	186	104	43	18
Not knit, not embroidered, etc							5,404	3,436	3,542	2,081	1,283	600
Embroidered, etc., or of lace								3,550	3,460	2,272	1,128	381
Knit or crocheted								270	265	194	132	62
Silk handkerchiefs and mufflers—												
Hemmed or not hemmed—1,000 doz	483	492	523	308	383	145	923	1,020	1,025	634	411	131
Embroidered or of lace—do		198	284	70	18	9		192	200	53	27	11
Silk laces, embroideries, etc							4,722	3,781	3,831	2,421	1,517	624
Laces and lace articles							[1] 2,294	1,820	2,042	1,583	1,043	456
Embroideries							[1] 1,281	1,553	1,482	687	379	127
All other							[1] 775	409	306	151	95	41
All other manufactures of silk							1,834	1,225	1,142	631	381	173
O. Rayon manufactures							9,218	15,276	18,686	8,378	4,743	2,621
Waste, noils, tops—1,000 lbs	[1] 4,639	3,212	5,024	1,462	1,382	311	[1] 1,525	739	1,285	205	135	48
Yarns, threads, and filaments—do	3,675	12,249	15,950	6,263	2,674	2,729	5,440	10,123	12,147	4,853	1,810	826
Bands, or strips, not over 1 inch wide—do		[3] 48		[3] 48	117	218		[3] 46		[3] 46	122	186
Fabrics, woven and knit—do		[5] 277	286	267	259	283		[5] 1,097	1,252	942	792	626
Wearing apparel								[3] 292		[3] 292	872	537
All other manufactures							2,862	3,866	3,981	2,083	1,134	398
P. Miscellaneous textile products							15,939	22,257	25,627	20,760	19,297	8,442
Hats of straw or fiber and materials							10,218	14,926	18,754	15,610	15,383	6,074
Materials—Braids, etc., of straw, etc							5,329	4,315	4,403	3,994	2,586	1,407
Hats of straw, grass, etc—thousands		30,307	37,606	29,627	41,999	25,689	4,884	10,611	14,351	11,616	12,797	4,667
Product of Philippine Islands—do	344	634	810	577	351	399	521	1,416	2,019	873	449	336
Not blocked or trimmed—do	[5] 11,873	7,645	7,560	13,126	30,912	14,432	2,605	5,394	6,099	8,708	11,696	3,432
Blocked or trimmed—do	3,515	3,150	4,720	2,423	12	5	935	1,751	2,844	1,197	39	11
Sewed—do	[5] 2,267	3,123	7,681	685	197	902	[5] 1,253	1,202	2,458	270	135	588
Harvest hats less then $3 per dozen—do	[5] 14,234	16,751	16,835	12,797	10,377	9,902	[5] 802	845	931	552	374	274
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	4,059	3,484	2,513	2,018		406	403	353	218	112
Matting and mats of China, Japan, and India straw—1,000 sq. yds	7,034	2,081	1,425	1,250	1,098	1,077	1,297	256	170	132	84	76
Other floor coverings—do		4,093	3,538	3,416	2,498	3,400		992	1,095	946	473	351
Artificial flowers, etc. and manufactures							[17] 3,255	3,034	2,692	1,805	1,448	821
Body supporting garments								[3] 326		[3] 326	564	406
Mixed fabrics, 17 per cent or more of wool, wool not chief value—1,000 lbs		[3] 56		[3] 56	69	58		[3] 91		[3] 91	119	52

[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.
[15] Average for years 1927–1930.
[17] Data prior to Sept. 22, 1922, are "manufactures of hair.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 3.—TEXTILES—Continued												
P. Miscellaneous textile products—Continued												
Linoleum, inlaid—1,000 sq. yds.	1,213	533	512	273	115	199	1,271	592	516	270	106	107
Other linoleum and floor oil cloth—do.		319	47	103	193	84		317	32	73	109	34
Tracing cloths—do.	[1] 3,140	2,296	2,599	1,881	1,412	885	[1] 1,454	1,200	1,377	963	704	351
Other coated, or waterproof fabrics—do.		1,620	2,160	608	320	252		450	589	193	89	57
GROUP 4.—WOOD AND PAPER												
Total							296,590	358,780	377,328	319,466	237,355	168,115
A. Wood, unmanufactured							14,979	16,050	17,708	12,894	7,243	3,739
Cedar—1,000 ft. b.m.	[1] 125,090	102,507	33,443	25,461	20,718	27,903	[1] 2,213	1,457	525	335	189	244
Logs of fir, spruce, or western hemlock—do.			86,994	74,720	127,656	58,933			1,257	914	1,299	464
Logs and timber (except cabinet woods)							2,125	1,704	1,674	1,166	230	132
Teak—1,000 ft. b.m.		[3] 1,687		[3] 1,687	2,662	522		[3] 511		[3] 511	725	78
Cabinet woods in the log—												
Product of Philippine Islands—do.	[7] 928	5,047	5,847	4,811	1,203		[7] 54	208	167	215	50	
Mahogany—do.	54,074	55,201	53,056	33,651	16,760	7,784	4,623	4,120	3,778	2,115	937	437
Cedar, Spanish [18]—do.	9,277	4,870	5,239	4,525	700	769	583	317	347	292	41	37
All other—do.	[4] 7,143	9,701	17,122	7,131	3,331	4,348	692	1,263	2,340	872	362	288
Railroad ties—thousands	[1] 1,036	968	921	710	395	425	[1] 691	778	736	581	292	302
Rattan, unmanufactured—1,000 lbs.	[1] 14,154	9,384	10,365	7,261	5,592	4,435	1,249	715	686	491	301	201
Poles—telegraph, telephone, etc.—thousands	[1] 621	859	972	907	398	175	[1] 2,737	3,525	4,090	3,568	1,542	628
Brier, ivy, or laurel root							[4] 294	340	305	461	338	201
Other unmanufactured wood							2,101	1,521	1,803	1,374	937	727
B. Wood semimanufactures—sawmill products							68,410	56,703	54,160	35,889	20,319	10,913
Boards, planks, and deals—												
Softwood—M ft.	1,576,375	[1] 469,443	1,418,419	1,146,103	698,278	351,783	48,765	35,020	36,520	26,216	14,061	6,530
Hardwood—do.		69,679	85,656	39,800	24,558	15,276		3,883	4,875	2,051	1,019	550
Cabinet woods, sawed												
Product of Philippine Islands—do.	10,946	31,150	34,521	28,068	17,965	6,936	638	1,469	1,582	1,367	866	256
Other cabinet woods, sawed—do.	5,239	4,184	4,190	3,319	4,350	5,327	379	339	325	310	290	271
Other lumber							[16] 2,287					
Laths—millions	1,478	1,209	787	430	467	193	8,627	5,650	3,562	1,366	1,215	511
Shingles—do.	2,430	1,888	1,673	1,244	983	1,239	9,162	6,853	6,850	4,159	2,606	2,568
Pickets and palings							[7] 478	491	446	421	262	227
C. Wood manufactures							9,055	10,200	10,837	8,428	5,183	2,915
Barrels, boxes, and shooks—thousands	[1] 1,564	2,209	1,669	1,971	979	750	[1] 365	338	255	378	161	116

Clapboards (siding) M ft.		[3] 1,976		[3] 1,976	3,422	2,022		[3] 80		80	127	65
Veneers and plywoods 1,000 sq. ft.		[3] 1,341		[3] 1,341	5,208	4,799		[3] 43		43	108	57
Baskets thousands	13,782	12,350	14,589	12,584	11,017	9,423	1,780	1,038	1,006	812	564	351
Cane or reed and manufactured rattan 1,000 lbs.	[1] 5,163	4,011	4,385	3,235	2,376	1,080	622	422	435	305	186	69
Osier or willow for basket making do	[1] 1,908	670	413	275	263	144	[1] 128	38	25	17	11	3
Manufactures of rattan, bamboo, osier, or willow (except furniture)							[5] 574	242	161	192	178	94
Furniture of rattan, reed, bamboo, grass, osier, willow, or fiber							2,479	282	248	162	138	106
Other furniture of wood								4,489	5,329	3,912	2,071	897
Mfrs. of wood, product of Philippine Islands							38	73	103	59	42	20
Other manufactures of wood							3,486	3,254	3,275	2,468	1,596	1,137
D. Cork and manufactures							4,689	10,104	13,119	7,852	3,788	2,009
Wood or bark, unmanufactured 1,000 lbs.	56,824	100,723	90,642	74,820	55,519	29,599	1,398	2,981	3,240	2,627	1,619	684
Waste shavings, etc do	140,950	139,412	176,956	99,794	79,882	88,838	1,749	3,209	4,989	2,871	1,394	1,172
Disks, wafers, and washers do	428	633	497	305	92	51	344	507	408	207	60	35
Cork insulation do							[1] 764	2,636	4,038	1,844	576	30
Cork stoppers do		394	289	227	110	96	[10] 390	416	207	152	72	48
All other cork manufactures							661	356	236	152	67	39
E. Paper base stocks							94,219	114,498	118,133	106,922	75,193	54,401
Pulp woods 1,000 cords	1,248	1,492	1,350	1,582	1,022	648	13,607	15,686	14,598	17,017	11,211	5,582
Rough spruce do	286	409	309	301	182	114	2,950	4,076	3,771	3,088	1,940	912
Other rough do			32	30	5				310	258	43	
Peeled spruce do	844	1,029	730	1,012	620	459	9,082	10,910	8,493	11,458	7,229	4,207
Other peeled do			202	223	198	72			1,828	2,043	1,786	433
Rossed spruce do	117	53	17	16	17	3	1,569	700	195	169	213	29
Other rossed do									1	1		
Wood pulp tons of 2,240 lbs.	1,165,276	1,584,480	1,679,222	1,634,122	1,425,376	1,323,000	67,002	86,044	88,573	81,109	60,887	46,903
Mechanically ground wood pulp do	229,222	244,866	244,162	267,171	188,004	168,272	7,183	6,615	6,246	7,146	4,494	3,268
Sulphite wood pulp—												
Unbleached do	446,770	649,989	701,456	665,049	540,006	508,088	24,924	34,481	35,329	33,194	22,995	17,048
Bleached do	221,605	314,199	334,235	322,886	320,018	311,046	13,545	23,806	25,339	22,722	18,930	14,727
Soda pulp do	1,226	[13] 1,932		1,932	3,055	1,569	76	[13] 126		126	166	66
Sulphate wood pulp, unbleached (Kraft pulp) tons of 2,240 lbs.	249,746	359,755	384,005	357,551	344,612	310,659	15,270	20,004	20,519	16,452	12,035	9,819
Sulphate wood pulp, bleached do	16,708	15,285	15,364	19,533	29,683	23,366	1,004	1,052	1,140	1,469	2,267	1,976
Other pulp do	[1] 1,695	4,472	6,050	2,376	254	179	[1] 109	329	514	178	21	18
Rags for paper stock 1,000 lbs.	379,223	406,573	446,496	281,592	116,681	86,469	8,318	8,224	9,342	5,565	1,571	1,116
Waste bagging, waste paper, etc do	[1] 122,179	215,975	141,615	221,568	123,285	84,970	[1] 1,775	4,213	1,058	3,052	1,503	781
Old rope and all other paper stock do	118,277		131,085				4,162		3,448			

[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.
[10] 1921 only.
[18] "Cedar" prior to 1923.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 4. WOOD AND PAPER—Continued												
F. Paper and manufactures							105,239	151,219	163,365	147,461	125,623	94,135
Printing paper—												
Standard newsprint, 1,000 lbs.	2,374,511	4,242,903	4,845,401	4,559,303	4,133,812	3,584,260	90,895	134,239	144,493	131,800	112,170	84,721
All other, n. e. s., do.	13,335	8,219	4,360	2,601	3,000	3,639	657	405	221	123	94	97
Grease-proof and waterproof papers, do.	[1] 2,306	1,584	1,777	1,033	357	431	[1] 249	326	460	294	75	57
Kraft wrapping paper, do.	46,975	9,842	9,796	7,584	3,997	7,237	1,995	418	423	297	169	221
All other wrapping paper, do.		8,370	7,115	2,540	2,903	2,538		292	221	143	136	79
Writing, letter, drawing, etc., papers, do.	[1] 3,139	3,384	3,227	3,407	2,476	1,681	[1] 672	869	893	831	477	264
Writing paper and envelope combinations								[3] 263		[3] 263	253	92
Surface-coated, 1,000 lbs.	1,269	2,197	2,452	1,858	1,099	838	344	915	1,046	762	538	343
Uncoated paper, decorated or embossed, do.		[3] 92		[3] 92	146	51		[3] 29		[3] 29	38	13
Tissue, copying, etc., paper, do.	[1] 2,385	3,551	5,009	3,062	2,006	1,425	[1] 1,022	1,935	2,668	1,713	1,132	598
Pulp boards in rolls, do.	65,850	57,041	58,725	42,815	23,263	21,666	1,786	1,307	1,272	970	495	367
Paper boards, pulp boards, and cardboard, 1,000 lbs.		[2] 18,540	20,488	14,027	14,154	10,436	[1] 735	606	486	333	296	183
Leather board, test and wall board, do.		[2] 1,514	2,048	1,615	2,344	2,366		[2] 72	86	103	121	135
Cigarette paper, cigarette books and covers, 1,000 lbs.	[1] 11,275	12,241	12,357	14,198	20,737	17,442	3,362	3,618	4,102	4,301	5,396	4,141
Hanging paper (wall paper), do.	[1] 10,022	2,614	2,876	2,145	1,034	404	541	651	750	618	305	98
Duplex decalcomania, not printed, do.	[1] 447	621	586	502	406	288	123	147	146	119	85	47
Paper boxes							[5] 1,264	1,435	1,720	1,252	969	700
Pulp or papier-mâché and manufactures of, n. e. s.								461	581	543	418	265
All other paper and manufactures							3,423	3,492	3,797	2,967	2,456	1,713
GROUP 5.—NONMETALLIC MINERALS												
Total							230,110	280,241	306,050	245,773	154,255	96,138
A. Coal and related fuels							12,330	7,573	7,060	6,988	6,186	5,137
Anthracite coal, tons of 2,240 lbs.	186,362	442,799	434,975	602,511	569,599	542,051	1,560	3,626	3,329	4,376	4,143	3,529
Bituminous coal, shale, and lignite, 1,000 tons of 2,240 lbs.	1,646	422	442	215	185	167	9,804	2,091	2,157	1,149	1,016	392
Bituminous coal, shale, and lignite, do.	[7] 1,236	76	73	33	24	22	[7] 7,378	351	300	120	79	55
Bituminous coal, etc., do.	[1] 572	346	369	182	161	145	[1] 3,199	1,740	1,858	1,029	937	837
Coke, tons of 2,240 lbs.	88,327	152,412	106,896	118,459	92,467	104,710	881	1,361	1,092	1,044	691	370
Charcoal, briquets, etc.							[1] 92	492	481	419	336	347

B. Petroleum and products							90,793	131,901	143,558	145,116	92,741	60,630
Crude petroleum ..... 1,000 bbls. of 42 gals.	94,857	67,919	78,933	62,129	47,250	44,700	68,012	78,641	79,943	64,872	39,221	30,424
Refined petroleum oil products ..... do	12,545	23,779	29,632	43,381	38,702	30,228	22,214	51,788	61,023	78,738	52,149	29,241
Topped, including fuel oils ..... do	9,673	15,290	20,545	26,080	24,998	21,725	11,356	14,191	16,513	18,875	16,215	11,400
Tops and other unfinished distillates ..... do		218	5	149	40	12		644	22	194	232	116
Gasoline, naphtha, and other finished light products ..... 1,000 bbls. of 42 gals.	2,840	8,100	8,834	16,927	13,621	8,394	10,617	36,156	43,335	58,604	35,069	17,287
Illuminating oil (kerosene) ..... do	[1] 12	148	208	200	11	78	[1] 85	482	562	649	69	116
Lubricating oils, including paraffin oil ..... do	[1] 26	24	39	25	32	19	[1] 190	314	591	416	564	322
Paraffin and paraffin wax ..... 1,000 lbs.	10,458	25,290	40,860	30,402	37,835	33,255	566	1,472	2,591	1,506	1,371	965
C. Stone, sand, cement, and lime							5,908	8,400	7,377	6,106	3,326	1,795
Marble, breccia, and onyx—												
In blocks, or sawed over 2 inches thick ..... 1,000 cu. ft.	587	777	727	750	237	146	1,220	1,884	1,734	1,671	563	300
Manufactures							333	760	827	605	374	136
Granite ..... 1,000 cu. ft.					108	67		[3] 159		[3] 159	278	167
Other building or monumental stone, n. e. s.							598	914	1,026	884	409	241
Other stone, n. e. s.							198	256	225	253	138	82
Cement, Roman, Portland, and other hydraulic ..... 1,000 bbls. [10]	1,558	2,055	1,728	982	470	468	2,582	2,852	1,938	1,154	545	368
Lime and limestone, crude ..... 1,000 lbs.	[1] 45,351	57,842	66,696	59,580	43,401	33,301	[1] 368	357	412	290	192	106
Gypsum or plaster rock—												
Crude ..... tons of 2,240 lbs.	407,930	825,046	925,344	805,677	037,393	333,993	648	1,153	1,061	917	713	347
Ground, calcined, cements, and other manufactures							103	193	153	173	114	47
D. Glass and glass products							16,989	15,203	13,993	8,875	6,397	3,687
Cylinder, crown and sheet—												
Plain ..... 1,000 lbs.	[20] 44,800	62,692	66,820	14,670	7,721	3,614	[20] 2,342	2,253	2,185	573	292	116
Bent, beveled, colored, etc.					1,767	779	[1] 613	482	564	347	254	108
Plate glass—												
Plain ..... 1,000 sq. ft.	15,896	15,935	10,953	5,298	4,887	1,170	8,246	4,234	2,257	1,082	1,126	244
Bent, beveled, colored, etc., or silvered ..... do			1,827	577					363	189		
Rolled glass, ground, obscured, bent, beveled, colored, etc.								[3] 29		[3] 29	115	74
Bottles, vials, jars, and other containers							248	428	308	1,133	634	389
Pressed glass articles							[1] 172	221	282	206	139	106
Tubes and rods								[3] 52		[3] 52	127	71
Blown glass articles							3,546	4,778	5,104	3,038	2,106	1,476
Illuminating articles								877	802	602	369	202
Scientific articles and utensils								553	648	502	389	273
Other glassware							2,136	1,360	1,481	1,198	946	608

[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.
[10] Barrels of 376 pounds.
[20] "Cylinder, crown, and sheet" prior to 1923.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
GROUP 5.—NONMETALLIC MINERALS—Continued												
E. Clay and clay products							19,235	23,824	24,519	18,224	10,071	5,553
Clays and earths—												
Kaolin, china, and paper clay, tons of 2,240 lbs.	270,129	278,349	249,921	210,911	135,210	89,086	2,792	2,856	2,609	2,197	1,057	461
Fluorspar, do	[1] 31,539	56,003	48,522	57,949	18,491	11,813	[1] 365	555	481	545	211	133
Other clays, n. e. s., do							607	674	727	646	627	464
Pottery							15,056	18,060	18,803	14,070	7,845	4,375
China and porcelain wares—												
Domestic or household, 1,000 doz.		9,014	9,086	6,078	4,706	4,398	9,202	9,412	8,747	6,146	3,255	1,827
Hotel and restaurant, do			407	219	76	50			594	373	131	68
Other china and porcelain								1,285	1,334	1,165	1,066	622
Earthen, crockery, and stone ware—												
Table, toilet, and kitchen ware—												
Domestic or household, do		4,859	5,168	3,888	2,423	2,308	4,736	5,426	5,226	4,016	2,224	1,299
Hotel ware, plain or decorated, do			408	338	98	54			595	474	107	39
Sanitary earthenware					1,139	809	909	1,784	2,180	1,806	997	470
Common earthen and stone and Rockingham earthenware							[1] 329	154	128	90	64	50
Tiles, 1,000 sq. ft.		5,387	6,330	2,977	1,500	726	[1] 884	1,108	1,490	563	265	99
Bricks								569	318	204	67	26
F. Precious stones and pearls and imitations							66,473	68,836	79,650	40,592	22,992	12,918
Diamonds—												
Rough, uncut, carats	153,216	265,862	354,367	209,591	85,249	40,153	7,831	10,399	9,878	5,641	3,852	1,513
Cut, but not set, do	453,028	430,743	416,992	295,351	201,998	133,103	43,692	39,954	42,010	23,268	11,965	7,826
Glaziers', engravers', and miners' diamonds, carats	32,425	61,474	46,949	145,958	224,970	163,704	1,087	2,734	4,068	2,757	2,401	1,062
Pearls and parts, not strung or set							6,741	6,354	10,389	2,782	1,284	622
Imitation precious stones							2,184	3,065	3,945	1,788	1,570	953
Other precious stones, rough, uncut							640	272	352	181	369	54
Other precious and semiprecious stones, cut but not set							4,299	6,058	9,008	4,176	1,551	887
G. Other nonmetallic minerals							18,384	24,501	29,880	19,865	12,536	6,430
Abrasives							3,082	4,040	4,932	3,679	2,364	829
Natural abrasives—												
Corundum ore, tons of 2,240 lbs.	2,418	2,707	3,378	2,794	639	168	165	163	201	161	37	8
Emery ore, do	5,453	4,544	5,717	3,796	2,103	602	159	101	101	64	34	6

Pumice stone and manufactures							[1] 123	132	152	95	77	51
Flint, unground ..... tons of 2,240 lbs.	13,534	11,947	12,542	6,121	5,617	3,352	123	109	127	62	55	27
Other natural abrasives							[7] 291	3,129	78	2,994	120	71
Artificial abrasives, crude ..... 1,000 lbs.	60,599	[21] 116,825	151,542		78,575	17,095	1,962		3,816		1,861	510
Other abrasives and manufactures							378	405	457	303	180	155
Asbestos—												
Crude (including blue fiber) ..... tons of 2,240 lbs.	151,443	211,253	15,157	9,410	4,605	1,473	5,655	8,706	4,334	2,134	611	187
Mill fiber ..... do.			85,164	61,618	41,777	27,523			4,576	3,120	1,994	1,227
Stucco and other unmanufactured ..... do.			133,988	115,295	75,369	57,391			2,243	1,811	1,145	837
Shingles and slates of asbestos cement ..... 1,000 lbs.	[1] 24,153	62,962	56,307	3,915	1,820	92	472	1,126	752	61	28	3
Other manufactures ..... do.			907						226	160	138	32
Asphalt and bitumen ..... tons of 2,240 lbs.	121,501	106,167	108,053	47,498	65,779	18,280	1,064	893	956	457	726	251
Earthy and mineral substances and articles, n. e. s.							166	752	1,108	1,082	851	463
Carbon and manufactures							323	507	603	401	316	232
Chalk—												
Unmanufactured ..... tons of 2,240 lbs.	101,968	103,477	102,563	102,866	74,112	58,148	143	124	120	108	98	61
Manufactures ..... 1,000 lbs.	[1] 14,048	7,276	4,630	2,242	48	31	121	103	111	52	3	2
Cryolite or kryolith ..... tons of 2,240 lbs.	[5] 8,082	7,132	7,778	8,315	7,908	3,782	[5] 506	573	671	696	581	291
Mica—												
Unmanufactured ..... 1,000 lbs.	691	1,590	1,317	4,555	4,570	2,956	447	494	752	453	130	79
Mica splittings ..... do.	[1] 5,391	4,077	5,556	2,749	1,206	907	1,437	1,324	1,212	918	325	165
Cut, ground, or manufactured ..... do.			136	42	15	126			216	70	4	7
Pyrites, or sulphuret of iron, containing more than 25 per cent sulphur, ... 1,000 tons of 2,240 lbs.	256	391	514	368	352	253	929	1,038	1,508	1,037	1,496	691
Talc, steatite, and French chalk ..... 1,000 lbs.	35,574	53,174	62,494	50,424	47,096	39,956	368	573	671	509	437	357
Magnesite—												
Crude and calcined ..... do.	167,439	17,234	13,600	8,517	5,937	3,796	1,287	189	149	87	60	31
Dead burned and grain ..... do.		111,025	92,764	93,873	41,872	14,045		813	670	702	332	104
Salt ..... do.	193,988	100,311	91,675	108,530	67,028	67,708	424	166	152	146	83	76
Graphite or plumbago ..... do.	29,904	36,861	47,922	33,451	18,180	14,031	553	829	1,065	625	260	151
Mineral wax ..... do.	6,358	9,811	9,791	12,475	8,910	5,150	341	598	617	722	429	274
Other nonmetallic minerals, n. e. s.							1,379	1,652	2,235	835	125	78
GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES												
Total							243,257	334,072	395,953	266,375	146,081	74,156
A. Iron ore and concentrates ..... 1,000 tons of 2,240 lbs.	1,691	2,709	3,139	2,775	1,466	582	6,955	6,726	8,145	8,113	3,902	1,539

[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. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
Group 6.—Metals and manufactures, except machinery and vehicles—Continued												
B. Iron and steel semimanufactures							11,711	11,089	11,003	7,318	5,383	4,029
Granular or sponge iron—tons of 2,240 lbs.		[3] 81		[3] 81	210	185		[3] 3		[3] 3	8	5
Pig iron—do	285,772	200,766	147,763	137,031	84,411	130,630	6,021	3,280	2,398	1,807	979	1,302
Iron and steel scrap—do	102,632	65,642	90,479	27,482	16,279	9,775	1,498	918	1,467	395	118	59
Steel bars—1,000 lbs.	[23] 69,262	164,372	85,614	108,337	202,434	132,548	[22] 1,664	3,606	3,376	2,303	2,582	1,240
Bar iron—do	15,153	7,437	6,564	3,081	1,913	1,131	394	188	198	102	48	26
Wire rods—do	9,600	32,192	35,063	19,808	15,936	17,771	316	877	1,045	585	472	397
Boiler or other plate iron or steel sheets—do	[1] 4,414	9,919	7,265	4,239	1,692	943	[1] 89	140	116	60	33	11
Steel ingots, blooms, slabs, etc.—do	55,321	51,405	59,345	49,982	44,851	5,367	2,130	959	1,109	749	519	75
Sheets of iron or steel, skelp, saw plates, and steel, n. e. s.—1,000 lbs.	5,371	43,440	56,488	59,570	36,180	48,901	251	964	1,222	1,248	601	442
Tin plate, terneplate, and taggers tin—do	6,537	2,102	640	585	439	16,231	373	156	72	67	43	472
C. Steel-mill products—manufactures							7,707	17,309	19,036	12,196	9,047	5,593
Structural shapes and building forms—1,000 lbs.	62,635	320,440	332,019	269,547	162,017	81,866	1,232	4,895	5,657	4,094	2,226	642
Rails for railways—do	71,059	44,454	13,968	18,607	11,217	12,584	1,012	546	135	240	100	196
Pipes and tubes—do	[1] 105,271	214,007	204,326	74,652	50,250	16,099	[1] 2,790	5,471	5,919	2,714	1,905	679
Cast-iron pipe—do		129,455	113,473	26,598	14,877	560		1,707	1,421	319	183	6
Other pipes and tubes—do		84,552	90,853	48,054	35,373	15,539		3,764	4,498	2,395	1,722	673
Wire and manufactures—												
Barbed wire—do		10,483	13,438	10,472	23,774	32,573		270	348	246	424	588
Round wire—do	[1] 8,276	10,328	13,044	9,484	5,715	4,217	[1] 792	720	855	590	338	212
Telegraph, telephone, and other insulated wire [25]—1,000 lbs.					101	38	[1] 871	63	21	34	26	8
Flat wire and steel strips—do	[1] 4,300	5,403	4,871	2,462	1,613	2,235	[1] 2,239	1,638	1,642	993	464	480
Card clothing—1,000 sq. ft.	[1] 322	259	301	161	128	73	[1] 498	413	470	256	174	70
Wire rope and strand—1,000 lbs.		[2] 5,018	5,487	5,817	4,367	4,037		[2] 402	443	465	280	214
Other wire manufactures							653	903	622	513	699	577
Hoop or band iron or steel for baling—1,000 lbs.		[2] 42,073	44,388	11,822	19,310	28,435		[2] 799	863	190	251	348
Hoop, band, or scroll iron and steel, n. e. s.—1,000 lbs.		[3] 21,905		[5] 21,905	43,390	43,196		[3] 396		[3] 396	658	459
Nails [24]—do	[1] 3,189	16,254	20,450	13,474	18,158	24,362	[1] 117	549	781	544	633	721
Castings and forgings—do	[1] 6,378	5,557	4,260	3,419	3,977	2,198	[1] 402	345	294	244	238	105
Tanks, drums, or vessels for gas or liquids—number		181,238	249,125	217,437	214,618	153,110		685	936	609	558	288
Autoclaves, converters, separators, stills, ovens, etc., and parts								[3] 67		[3] 67	63	4
D. Iron and steel, advanced manufactures							8,343	6,973	8,124	5,137	3,287	2,183
Cutlery—												
Razors and parts—thousands	7,219	47,780	53,102	64,419	2,385	690	354	492	743	420	159	89

Scissors, shears, and clippers	do	4,562	1,429	1,293	1,059	1,015	1,106	582	285	273	217	173	96
Pen, pocket, and other folding-blade knives	thousands	7,391	3,829	3,858	2,096	1,604	1,227	602	202	194	118	73	44
Other cutlery	do	[1] 1,378	1,215	1,123	1,137	990	729	412	429	458	370	292	219
Enameled or glazed ware and utensils	1,000 lbs	[1] 993	1,004	1,058	951	828	537	300	237	241	215	176	92
Tools								[1] 531	861	1,220	789	639	584
Needles, hand, sewing, and darning [25]	millions	996	749	782	632	797	837	1,099	330	815	630	625	420
Other needles								330	231	208	160	160	177
All other iron and steel manufactures, n. s. p. f.								4,296	3,406	3,915	2,217	990	461
E. Ferro-alloys								13,299	18,463	23,537	17,668	11,219	4,540
Manganese ore—													
Product of—													
Cuba	Gross weight tons of 2,240 lbs	11,495	6,201	2,667	2,071	3,804	6,749	166	98	33	32	20	112
	Manganese content do		[15] 2,156	1,959	899	1,199	3,416						
Other manganese ore (manganese content)	tons of 2,240 lbs	295,757	291,335	321,456	277,171	244,711	50,137	4,821	7,878	8,418	6,444	5,085	1,108
Ferromanganese and other alloys (manganese content) [26]	tons of 2,240 lbs	61,510	45,347	62,785	38,452	17,763	14,586	5,244	4,032	6,817	3,992	1,607	1,011
Chrome ore or chromite	do	113,752	260,515	317,630	330,531	212,528	89,143	965	2,268	2,066	3,513	3,315	1,626
Chromium and alloys	1,000 lbs	[1] 1,994	1,139	1,495	363	213	516	[1] 185	126	213	36	24	84
Ferrosilicon (silicon content)	do	22,633	17,896	21,110	11,621	1,654	377	819	1,019	1,402	643	106	27
Tungsten and alloys (tungsten content)	do	[1] 1,262	3,642	6,810	3,614	1,151	109	349	1,184	2,510	1,659	246	19
Vanadium ore	tons of 2,240 lbs		5,609	8,714	5,163			541	562	795	492		
Other ores of ferro-alloying metals	1,000 lbs		[15] 4,982	2,704	16,341	68,117	75,262		[15] 43	55	86	177	258
Other ferro-alloying metals								281	662	628	771	639	266
F. Nonferrous metals, except precious								177,625	254,196	307,342	204,616	106,958	52,863
Aluminum								9,673	13,082	11,680	7,034	4,582	2,817
Bauxite, crude	tons of 2,240 lbs	146,743	356,841	380,812	415,058	306,490	205,620	690	1,611	1,754	2,008	1,496	1,043
Metal, crude, scrap, and alloy	1,000 lbs	37,280	51,576	48,416	24,499	13,804	8,005	7,811	10,714	8,973	4,437	2,369	1,260
Manufactures—													
Plates, sheets, bars, etc	do		125	22	48	169	120	1,172	30	9	15	42	29
Hollow ware	do		139	123	92	116	127		72	71	54	60	52
Other manufactures									654	873	519	615	432
Copper [27]	1,000 lbs	597,949	815,261	974,312	817,154	585,891	391,991	77,811	108,243	153,708	104,616	48,744	23,735
Copper ores, concentrates and regulus	do	133,998	162,832	180,452	162,894	124,457	59,940	16,300	19,253	23,557	17,912	8,942	3,361
Ores (copper content)	do	86,168	107,834	124,619	101,317	23,580	14,015	10,905	12,510	15,358	11,395	1,083	717
Concentrates (copper content)	do	41,863	52,603	53,729	56,871	99,408	44,195	5,140	6,441	7,907	5,980	7,146	2,567
Regulus, coarse, metal, and cement copper (copper content)	1,000 lbs	5,965	2,594	2,104	4,706	1,469	1,731	755	301	292	536	113	76
Unrefined, black, blister, and converter copper, in pigs, bars, etc	1,000 lbs	343,988	526,444	646,167	560,469	281,851	161,088	44,850	70,841	104,306	74,248	24,055	9,216
Refined copper	do	109,309	115,760	134,015	86,210	174,450	167,794	14,918	16,841	23,757	11,374	15,349	10,974

[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.
[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. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	13,598	7,499	5,100	2,530	953	1,088	1,823	836	278	101
Composition metal, copper chief value..do..	1,322	183	80	82	33	40	176	26	12	8	2	1
Copper manufactures, n. e. s.							113	104	253	239	118	81
Brass, and bronze, and manufactures							4,889	3,427	4,926	2,550	1,441	668
Old, brass, etc., for remanufacture ..... 1,000 lbs..	49,147	9,993	14,062	7,145	4,423	2,517	3,764	822	1,372	536	215	64
Brass manufactures							528	1,406	2,027	1,077	598	246
Bronze manufactures							597	1,198	1,527	937	628	358
Lead (lead content)[29] ..... 1,000 lbs..	222,701	267,480	238,294	158,235	108,008	69,406	11,411	15,181	13,468	9,049	3,605	1,738
Ore, matte, and bullion—												
Ore and matte (lead content) ..... do..	57,975	78,151	62,661	78,754	41,776	42,002	2,825	4,409	3,479	4,236	1,413	1,004
Bullion or base bullion (lead content) ..... 1,000 lbs..	130,812	178,695	166,142	77,261	64,640	26,924	6,796	9,212	8,677	3,985	1,616	619
Pigs, bars, old and scrap[30] ..... do..	30,088	6,005	3,315	419	20	87	1,506	420	145	22	2	2
Babbitt metal, solder, etc. (lead content)[31] ..... 1,000 lbs..		1,345	1,326	1,060	620	382		684	777	593	437	144
Manufactures of lead, n. e. s. (except type metal)								84	180	209	168	109	69
Type metal and antimonial lead ..... gross weight 1,000 lbs..	[10] 6,009	3,965	5,441	881	1,120	13	[1] 332	276	181	44	28	1
..... lead content ..... do..	4,317	3,265	4,850	741	952	11						
Nickel							5,232	13,004	19,419	12,872	7,680	4,660
Ore and matte ..... 1,000 lbs..	8,195	18,709	28,981	20,593	11,630	5,918	820	1,747	2,122	2,940	1,531	775
Nickel and alloys in pigs, etc ..... do..		42,068	64,421	38,323	23,862	14,923	4,411	10,794	16,448	9,600	6,060	3,733
Nickel oxide ..... do..		1,772	3,265	1,353	305	688		276	495	210	48	120
Nickel in bars, plates, sheets, etc., and manufactures								187	354	122	41	32
Tin—												
Ore (tin content) ..... tons of 2,240 lbs..	5,812	194	128	289	30	17	2,703	116	67	177	7	4
Bars, blocks, pigs, etc ..... 1,000 lbs..	132,173	176,571	195,165	180,844	147,984	77,995	56,522	88,943	91,839	60,234	36,724	16,474
Zinc—												
Ore (zinc content) ..... do..	10,537	26,657	28,822	51,776	1,560	3,808	462	1,118	1,127	1,990	40	72
Blocks, pigs, etc., and old ..... do..	2,745	262	451	694	549	622	117	12	22	28	15	20
Zinc dust and other manufactures							144	106	153	93	25	18
Antimony—												
Ore ..... gross weight ..... 1,000 lbs..		5,839	6,323	2,922	28,030	7,357	33	268	231	226	260	74
..... antimony content ..... do..	1,127	3,394	3,729	1,726	9,726	2,657						
Needle, liquidated, regulus, or metal..do..	18,079	24,146	26,860	17,012	10,391	4,007	1,086	2,173	1,831	903	445	122

Cobalt ore and metal	do	176	711	1,241	660	249	150	352	1,138	1,795	1,003	263	161
Quicksilver or mercury	1,000 lbs	[1] 1,395	1,295	1,086	224	27	617	[1] 915	1,495	1,447	296	33	231
Other ores, metals, and alloys, n. e. s.								566	794	1,152	517	255	104
Manufactures of metals, n. e. s.								6,075	5,096	4,475	3,027	2,840	1,965
G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin								17,617	19,308	18,749	11,308	6,283	3,408
Gold and silver sweepings								429	259	289	262	167	440
Platinum	oz. troy	[1] 96,244	114,667	115,221	106,155	91,728	33,218	8,400	8,432	7,149	4,325	2,589	964
Ores of platinum metal (platinum content)	oz. troy		494	564		1,097	160		43	43		27	5
Grains, nuggets, sponge or scrap	do		82,269	74,093	81,229	67,078	25,440		5,858	4,466	3,384	1,905	722
Ingots, bars, sheets or plates, etc.	do		31,904	40,594	24,926	23,553	7,618		2,531	2,640	961	657	237
Platinum metals and native combinations—													
Iridium	oz. troy	17,255	4,163	4,470	4,196	1,773	1,397	1,424	631	888	665	196	69
Osmium and osmiridium	do		6,896	7,977	6,754	5,837	5,326		469	492	385	275	193
Palladium	do		14,168	24,364	18,506	28,070	15,445		395	532	354	390	168
Rhodium and ruthenium	do		2,706	3,031	3,610	2,224	661		106	88	107	80	22
Jewelry								1,631	2,950	4,857	2,345	944	534
Metal articles for personal use and adornment								[1] 769	1,343	737	423	102	147
Rosaries, chaplets, and similar articles	1,000 doz		[3] 166		[3] 166	242	228		[3] 80		[3] 80	110	85
Lahn, tinsel threads, bullion, etc.	1,000 lbs		1,203	859	350	329	188	4,338	1,353	793	377	219	156
Braids, fabrics, laces, etc.									1,827	1,184	725	343	132
Other manufactures and plated articles								934	1,529	1,771	1,262	808	496
GROUP 7.—MACHINERY AND VEHICLES													
Total								17,768	31,233	42,202	30,484	16,724	8,493
A. Electrical machinery and apparatus								1,755	2,794	2,664	2,983	2,911	1,949
Electric lamps—Incandescent—													
Carbon filament	thousands	16,234	27,624	39,777	13,607	1,699	170	565	1,023	1,237	491	55	4
Other	do		9,546	4,491	29,552	68,513	113,867	637	340	140	779	1,370	1,163
Other electrical machinery and apparatus								[1] 895	1,431	1,287	1,712	1,486	782
B, C, D. Industrial, office, and printing machinery								11,398	18,604	24,837	16,566	7,968	4,890
Engines and parts n. e. s.								[1] 641	584	1,113	549	295	227
Metal-working machine tools and parts								320	773	1,458	901	268	233
Textile machinery								5,849	6,068	8,452	4,981	1,898	1,310
Embroidery, lace, and lace-curtain machines and parts								[1] 75	123	152	101	109	131
Hosiery-knitting machines								[1] 1,525	3,547	4,705	2,462	634	364
Other knitting, braiding, and insulating machines and parts										490	374	126	61

[1] Average for years 1923–1925.
[3] June 18 to Dec. 31, 1930.
[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.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	528	318	130	72
Wool-manufacturing machinery and parts								368	404	327	148	66
Other textile machinery and parts							[7] 4,213	1,616	2,173	1,398	751	616
Sewing machines and parts							495	445	475	329	174	160
Antifriction balls, rollers, and bearings, 1,000 lbs.	[1] 895	1,267	1,657	1,120	547	272	708	1,039	1,416	817	392	150
Cream separators, over $50 each, and other centrifugal machines and parts								[3] 86		[3] 86	147	94
Other industrial, office, and printing machinery							4,002	9,678	11,922	8,902	4,814	2,715
E. Agricultural machinery and implements							2,592	6,670	9,545	8,545	3,267	989
Cream separators, not over $50 each, number	[1] 20,156	27,554	41,835	15,182	4,624	2,045	517	597	849	292	74	36
Plows and cultivators, do.	[1] 3,419	6,632	3,455	4,416	1,435	525	[1] 212	543	364	353	129	39
Tractors, do.		[3] 28		[3] 28	2,098	18		[3] 14		[3] 14	1,259	11
Headers, harvesters, and reapers, do.		[6] 651	1,153	149	123	37		[6] 465	877	53	100	20
All other, including agricultural vehicles							1,947	5,340	7,454	7,833	1,705	883
F. Automobiles and other vehicles, except agricultural							2,023	3,165	5,151	2,389	2,479	641
Automobiles and chassis, number	628	694	750	708	736	540	897	1,168	1,190	875	769	251
Bodies and parts of automobiles, except tires								1,341	2,252	983	465	229
Other vehicles and parts							1,126	656	1,710	532	1,245	159
GROUP 8.—CHEMICALS AND RELATED PRODUCTS												
Total							112,100	132,811	144,062	112,070	82,738	47,852
A. Coal-tar chemicals							16,058	21,370	22,524	16,273	11,164	9,158
Coal-tar products, crude—												
Dead or creosote oil, 1,000 gals.	62,713	83,608	79,301	66,922	36,885	29,300	8,701	11,802	10,119	7,806	3,598	2,647
Other crude coal-tar products							888	1,403	2,051	1,376	793	577
Intermediates—												
Acids, 1,000 lbs.	297	1,415	1,973	825	817	833	77	159	160	53	80	202
All other intermediates, do.	2,257	1,525	1,989	1,423	875	936	581	1,035	1,486	1,022	599	584
Finished products—												
Colors, dyes, stains, color acids, and color bases, n. e. s., 1,000 lbs.	4,164	5,863	7,611	4,952	4,944	4,245	5,531	6,492	8,470	5,284	5,512	4,688

Coal-tar medicinals	do	[5] 100	108	153	72	39	30	242	270	332	273	252	164
Other finished coal-tar products	do		85	108	150	101	93	40	210	205	458	330	296
B. Medicinal and pharmaceutical preparations								4,917	5,573	6,422	4,948	3,792	2,580
Quinine sulphate	1,000 oz		1,805	2,472	1,253	1,499	462		668	855	449	498	154
All other quinine and other alkaloids and salts from cinchona bark	1,000 oz	3,453	1,125	1,325	877	755	321	1,436	403	442	333	292	94
Other alkaloids and salts of								546	240	449	276	136	104
Menthol	1,000 lbs	[5] 244	337	296	308	326	351	[5] 2,172	1,469	1,232	1,017	878	734
Antitoxins, serums, vaccines, etc., and blistering insects								[1] 15	6	2	5	3	1
Other medicinals								825	486	655	282	145	56
All other preparations, n. e. s								1,232	2,300	2,786	2,585	2,020	1,387
C. Industrial chemicals								23,186	27,000	30,698	23,321	17,215	14,450
Acetylene, butylene, ethylene, and propylene derivatives	1,000 lbs		[3] 282		[3] 282	567	334		[3] 29		[3] 29	73	37
Acids and anhydrides—													
Arsenious acid or white arsenic	do	[1] 18,880	22,124	26,314	21,559	15,581	13,765	[1] 1,551	781	956	744	451	357
Formic	do	[1] 1,436	1,937	1,387	510	140	139	[1] 107	143	109	37	8	8
Oxalic	do	2,185	1,244	1,346	574	489	265	159	64	71	31	26	13
Sulphuric (oil of vitriol)	do	[1] 25,047	20,852	16,208	918	2,344	1,498	[1] 190	180	97	6	22	11
Tartaric	do	[1] 3,074	2,293	2,220	2,912	2,246	1,818	[1] 654	611	689	779	477	298
Acetic or pyroligneous	do		[6] 25,806	29,235	22,377	15,292	13,976		[5] 1,808	2,117	1,948	803	843
All other	do		10,430	1,800	2,330	1,332	1,191	1,048	953	380	325	235	182
Alcohols, including fusel oil								541	379	276	32	11	11
Ammonium compounds—													
Chloride (muriate)	1,000 lbs	7,955	11,461	9,561	6,628	5,672	4,431	393	394	298	208	162	114
Nitrate	do	[1] 11,512	10,079	9,496	8,165	6,706	6,415	[1] 683	395	349	264	192	146
All other	do	[1] 2,319	1,201	974	661	526	215	[1] 104	60	50	39	30	10
Barium compounds	do	[1] 14,039	13,772	8,151	6,706	4,186	1,780	[1] 317	203	138	98	95	39
Calcium compounds, n. e. s.[32]	do	35,120	6,915	3,773	1,978	413	465	1,282	265	141	76	15	11
Cellulose products, n. e. s			[3] 353		[3] 353	263	207		[3] 228		[3] 228	281	167
Cobalt oxide	1,000 lbs	[1] 258	394	476	426	322	226	[1] 500	737	885	769	391	220
Copper sulphate (blue vitriol) gross wgt	do	[5] 2,836	3,901	5,389	5,964	2,644	3,307	[5] 128	187	273	283	105	91
Lime—													
Chlorinated, or bleaching powder	do	5,147	2,901	2,791	2,370	2,017	2,252	107	76	77	64	60	62
Citrate of	do	4,916	[33] 1,768					635	[33] 178				
Glycerin	do	11,765	21,122	20,345	14,362	12,107	7,716	1,306	2,669	1,365	924	668	345
Crude	do		14,717	14,852	11,185	10,131	5,382		1,617	864	652	526	204
Refined	do		6,406	5,493	3,177	1,976	2,334		1,051	501	272	142	141
Iodine, crude	do	304	696	627	494	279	632	847	2,330	2,249	1,798	998	2,226
Magnesium compounds	do	[5] 24,425	19,446	17,928	10,942	11,926	11,479	[5] 205	222	231	172	198	146
Potassium compounds—													
Cyanide	do	2,908	158	137	91	94	54	240	47	54	32	34	19
Carbonate	do	8,530	16,502	22,644	18,241	15,167	10,457	368	759	1,024	848	664	429

[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. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
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	15,648	9,323	8,629	4,979	675	773	1,001	493	452	258
Nitrate, crude, or saltpeter tons of 2,240 lbs.	4,336	9,800	12,800	12,799	15,509	17,067	274	459	546	620	708	831
Argols, tartar and wine lees 1,000 lbs.	20,054	19,890	18,001	18,062	19,314	18,108	1,436	1,872	2,113	1,836	1,605	996
Cream of tartar do	[5] 932	190	181	60	93	37	[5] 108	33	29	11	16	4
Chlorate and perchlorate do	[5] 9,660	13,624	13,956	15,106	12,416	11,404	[5] 395	495	498	541	439	416
Other potassium compounds, n. e. s. do	12,152	11,320	19,393	3,943	7,067	2,692	830	553	825	251	341	168
Sodium compounds—												
Chlorate do						707						26
Sulphate (salt cake) do					145,493	122,247					804	644
Cyanide do	22,802	33,686	40,047	26,401	18,695	17,585	1,982	2,668	3,199	2,043	1,711	1,729
Ferrocyanide (yellow prussiate) do	[1] 1,979	1,551	1,940	1,590	1,185	1,354	[1] 190	128	168	137	102	118
Nitrite do	[1] 3,745	540	312	61		3	[1] 156	20	12	3		1
All other, n. e. s.							1,231	1,951	2,987	2,129	676	485
Radium salts grains		[2] 198	165	260	207	141		603	579	925	731	479
All other industrial chemicals							6,322	5,165	6,912	5,046	3,631	2,508
D. Pigments, paints, and varnishes							3,080	3,558	3,823	2,618	2,012	1,445
Mineral earth pigments—												
Iron oxide and iron hydroxide pigments 1,000 lbs.		23,801	24,441	17,038	12,087	9,709		567	590	375	255	171
Ochers and siennas do	[1] 20,273	19,965	22,034	14,576	11,995	7,728	[1] 290	392	416	274	191	108
Other [35]							1,323	510	601	368	420	238
Chemical pigments—												
Lithopone and other zinc pigments 1,000 lbs.	19,319	19,177	19,578	15,042	11,354	9,447	871	886	957	670	429	272
Zinc oxide and leaded zinc oxide do		[3] 1,246		[3] 1,246	2,914	5,345		[3] 90		[3] 90	189	242
All other do					3,806	2,909	[1] 593	516	538	379	251	167
Paints, stains, and enamels							[1] 428	608	650	405	246	212
Varnishes 1,000 gals.	[1] 24	32	35	33	14	30	[1] 68	57	61	51	31	35
E. Fertilizers and materials 1,000 tons of 2,240 lbs.	1,609	2,142	2,310	1,965	1,430	870	56,885	67,538	72,340	59,151	44,733	17,858
Nitrogenous—												
Calcium cyanamide or lime nitrogen tons of 2,240 lbs.	50,990	132,442	184,260	144,522	51,314	62,543	3,049	4,862	6,221	4,874	1,537	1,628
Calcium nitrate do	[1] 8,223	26,143	31,684	43,871	28,761	6,880	[1] 347	1,052	1,257	1,580	927	148
Sodium nitrate do	780,430	839,008	930,458	568,594	550,613	50,430	37,158	33,252	34,913	21,445	21,112	1,472
Ammonium-sulphate nitrate do		[15] 38,249	16,284	8,141	3,193			[15] 2,175	884	391	176	
Guano do	[4] 14,801	28,783	45,905	40,431	13,849	24,231	[4] 525	1,247	2,203	1,656	504	490
Dried blood do	[4] 7,279	10,804	9,773	11,333	8,835	3,739	[4] 415	679	696	627	359	92
Tankage [36] do	[5] 25,888	[21] 28,120	20,779				[5] 947	[21] 1,002	814			
Sulphate of ammonia do	8,574	24,040	18,312	33,784	114,285	307,311	479	1,003	763	1,159	3,196	5,410
All other do	[7] 70,920	77,510	69,039	110,881	56,220	37,537	[7] 2,181	2,562	2,655	3,959	2,099	1,122

Phosphates—												
Bone ash, dust, and meal and other animal carbon for fertilizers	tons of 2,240 lbs.	31,470	59,864	55,877	59,680	48,979	30,118	965	1,717	1,624	1,475	1,080	509
Other phosphate materials	do	[1] 15,061	41,056	48,937	36,631	21,743	37,141	[1] 199	461	525	434	291	433
Potash fertilizers—													
Chloride, crude (muriate of potash)	do	131,597	220,168	230,966	273,256	180,539	78,358	4,722	7,654	8,225	9,930	6,518	2,795
Sulphate, crude	do	55,406	78,200	79,510	86,257	56,842	28,071	2,257	3,455	3,648	3,947	2,628	1,202
Kainite	do	144,175	115,972	75,930	112,013	55,329	49,374	1,104	908	644	979	505	457
Manure salts	do	222,685	350,349	390,828	361,799	179,428	100,927	2,315	4,496	5,113	5,048	2,583	1,255
Other potash-bearing substances	do	[1] 34,295	13,943	675	547	488	351	[1] 404	217	9	5	4	3
Fertilizers, compounded or chemically combined, containing nitrogen, phosphoric acid, and potash	tons of 2,240 lbs.		[2] 7,098	5,066	12,106	10,944	3,346		[2] 495	381	854	645	185
All other fertilizers	do	59,441	66,673	94,992	61,299	48,896	49,245	1,598	1,134	1,765	806	569	650
F. Explosives								918	1,029	960	911	566	371
Powder and other explosives								[1] 133	146	133	105	132	7
Firecrackers	1,000 lbs.		[2] 4,272	4,023	4,609	2,614	2,307	[1] 746	782	748	754	396	346
Fireworks and ammunition								[1] 101	94	79	51	38	19
G. Soap and toilet preparations								7,076	6,739	6,988	4,785	3,064	2,038
Soap—													
Castile	1,000 lbs.	1,938	3,018	3,606	3,664	2,754	1,770	234	361	419	347	254	138
Toilet	do	2,793	1,755	2,039	1,854	1,324	1,252	538	552	651	556	376	315
All other	do		1,933	1,385	1,504	1,604	1,740		214	193	179	184	125
Perfumery, bay rum, and toilet water								6,304	1,659	1,503	986	719	342
Perfume materials									3,228	3,296	2,142	1,101	873
Bath salts	1,000 lbs.		[3] 38		[3] 38	27	23		[3] 11		[3] 11	7	3
Cosmetics, powders, creams, etc									721	925	563	423	242
GROUP 9.—MISCELLANEOUS													
Total								153,145	186,151	220,485	173,344	120,091	71,771
A. Photographic goods								6,442	5,729	7,159	3,959	3,183	2,409
Cameras and parts								387	453	645	573	640	474
Sensitized films, not exposed—													
Other than motion picture								4,356	3,444	4,395	1,677	144	167
Motion picture	1,000 lin. ft.					151,552	130,764					1,133	854
Film negatives for motion pictures	do	2,301	2,424	2,943	2,580	2,295	2,218	766	335	378	368	208	207
American films exposed abroad (negatives, undeveloped)	1,000 lin. ft.		[3] 37		[3] 37	329	434		[3] 5		[3] 5	29	21
Film positives	do	5,997	4,542	4,918	4,894	6,148	4,332	289	195	180	225	217	128
Other films and dry plates								88	227	261	253	213	140
Photographic paper	1,000 lbs.	2,689	3,819	4,596	2,931	2,415	1,768	556	1,073	1,300	858	599	418

[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.
[7] Average for years 1922–1925.
[10] Average for years 1927–1930.
[21] Average for years 1926–1929.
[24] "Hydrate" prior to Sept. 22, 1922.
[25] All paints, colors, and varnishes, except zinc pigments prior to Sept. 22, 1922.
[28] Classified as an inedible animal product beginning 1931.

No. 481.—General Imports of Merchandise by Commodity Groups and Articles—Continued

Group and article	Quantity						Value in thousands of dollars					
	1921–1925	1926–1930	1929	1930	1931	1932	1921–1925	1926–1930	1929	1930	1931	1932
Group 9.—Miscellaneous—Continued												
B. Scientific and professional instruments, apparatus, and supplies, n. e. s.							2,135	3,319	4,074	3,087	2,060	1,265
Optical goods—												
Opera and field glasses.....thousands		268	212	132	72	72		515	700	452	262	182
Other optical instruments and parts							1,377	1,127	1,294	867	608	492
Spectacles, eyeglasses, and parts								165	212	112	21	8
Dental and surgical instruments							[1] 480	632	854	638	475	309
Philosophical and scientific, etc., instruments and apparatus							469	881	1,014	1,018	694	274
C. Musical instruments							3,788	4,498	4,503	3,673	3,255	1,656
Pianos and organs							[1] 205	271	363	191	165	50
Phonograph and similar articles and parts							533	484	418	213	113	68
Band instruments and violins							[1] 657	669	760	638	489	318
Other instruments, parts, and accessories							2,739	3,073	2,961	2,631	2,488	1,220
E. Toys, athletic, and sporting goods							8,081	6,722	7,349	6,132	5,147	3,701
Toys—												
Dolls and parts							1,323	1,033	1,358	1,054	858	506
Other toys							5,143	3,491	3,771	3,188	2,857	1,980
Dice, dominoes, chips, etc							[1] 124	109	126	119	171	104
Athletic and sporting goods—												
Fishing rods, reels, hooks, bait, etc							456	450	801	499	319	236
Golf balls.....thousands	[1] 3,733	2,691	2,550	1,841	1,264	1,451	[1] 1,316	1,013	807	602	388	336
Other balls for games.....do		920	876	1,089	2,751	10,639		109	124	103	162	355
Other athletic sporting goods							[7] 369	516	563	567	392	184
F. Firearms							[8] 646	583	795	573	306	68
G. Books and other printed matter							9,408	14,210	15,697	13,349	9,969	5,686
Books and pamphlets in foreign languages								1,931	1,967	2,239	1,881	1,030
Books, maps, music, etc., 20 years old								3,268	4,196	3,044	1,803	786
Other books, etc. (free)							8,019	2,558	2,578	2,690	1,973	1,399
Books, pamphlets, and music, n. e. s.								4,530	4,191	3,875	3,086	1,763
Maps, charts, and other printed matter, n. e. s.									763			
Lithographic prints—												
Cigar bands, labels, and flaps.....1,000 lbs	828	169	145	87	108	109	612	200	179	105	110	114
Decalcomanias.....do		405	426	340	275	213		557	579	474	358	273
All other							776	1,166	1,244	922	758	332
H. Clocks, watches, etc							11,807	13,892	16,922	8,681	4,089	1,561
Chronometers, clocks, and parts							333	1,066	1,317	541	260	81
Chronometers and clocks.....number		[6] 186,252	231,939	140,564	76,508	29,642		[6] 625	808	443	175	53
Clock cases, parts, and materials								[6] 304	509	98	85	28
Watches and watch movements.....thousands	2,063	3,958	5,146	2,423	893	406	6,444	9,726	11,717	5,902	2,975	1,178
Cases, dials, and parts of watches, n. e. s.							3,480	1,585	2,263	1,004	399	176

Jewels for watches, clocks, meters, etc.							[1] 1,452	1,120	973	981	382	101
Recorders, meters, regulators, and similar instruments, and parts, n. s. p. f.							[1] 189	395	652	193	73	25
I. Art works							$1,222	65,381	82,106	65,159	38,494	18,479
The production of American artists							218	250	324	198	173	79
Original paintings, statuary, etc.							6,787	13,749	19,198	14,151	7,446	3,504
Statuary, regalia, etc., for religious or educational purposes							838	1,507	1,472	1,317	969	621
Works of art produced before 1830							22,324	47,764	58,839	46,773	27,501	13,507
Works of art for exhibition, presentation to public institutions, etc.							709	1,411	1,519	1,898	1,756	531
All other art works							347	699	754	822	650	238
J. Miscellaneous articles, n. e. s.							79,003	71,023	81,122	68,255	53,409	36,859
Buttons—												
Pearl or shell	1,000 gross		950	830	957	954	934	1,411	449	436	436	432	320
All other									964	1,208	565	423	527
Matches—													
Having stained or colored stems	1,000 gross						1,305						351
In boxes containing 100 or less	do		6,431	10,577	4,061	2,528	1,751	1,963	2,244	3,405	1,434	1,136	569
All other									32	30	18	299	2
Beads and bead ornaments—													
Imitation pearl beads									1,403	1,604	791	593	191
Other beads								9,459	2,796	4,388	3,839	3,668	1,278
Fabrics and articles, chief value beads									814	404	286	568	526
Pipes and smokers' articles								1,367	1,569	1,327	803	532	393
Umbrellas, canes, and parts	1,000 doz.		[3] 48		[3] 48	151	168		[3] 112		[3] 112	141	130
Brushes—													
Tooth	do		1,554	3,920	1,174	1,125	1,292	2,188	727	1,763	593	420	274
Hair and other toilet brushes and parts	do	4,190	408	308	272	657	841		497	488	378	392	244
Other brushes	do		3,988	4,846	4,347	4,156	5,363		648	555	441	338	239
Combs, except metal	1,000 gross		[3] 52		[3] 52	144	115	1,217	[3] 241	2713	[3] 241	638	387
Articles of casein, galalith, and cellulose compounds, except combs									2,461		1,259	319	204
Pencils, crayons, leads, etc.								529	831	1,316	593	619	447
Pens and penholders								381	353	447	216	242	113
All other dutiable articles								4,930	6,749	8,400	4,938	2,988	1,789
Household and personal effects, etc., of persons arriving in the United States								9,173	7,621	7,399	7,447	5,536	3,395
Articles, imported under bond, for export within 6 months								3,837	5,586	6,373	5,812	4,304	2,535
Articles the growth, produce, or manufacture of the United States, returned—													
Automobiles	number	[4] 1,409	286	465	332	268	138	2,524	358	618	323	203	197
Containers								37,746	4,936	5,409	4,356	3,622	2,382
All other									27,629	29,272	31,946	25,189	19,777
K. Articles in Group 9, ordinarily dutiable, imported free								1,001	796	760	476	179	86
All lother free articles								2,277	2,284	3,567	1,487	807	589

[1] Average for years 1923–1925.
[2] June 18 to Dec. 31, 1930.
[3] Average for years 1921, 1924, and 1925.
[4] Average for years 1924 and 1925
[5] Average for years 1929 and 1930.
[6] Average for years 1922–1925.

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	
1924	252,056	67,188	15,543	18,058	22,350	194,974	15,596	21,447
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
	Africa		Canada		Mexico		Cuba	
1924	651	5,529	226,410	32,271	9,383	9,803	6,001	13,841
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	36,293	22,886	11,288	6,149	17,095
1930	1,818	7,479	167,736	34,181	20,236	11,250	6,456	14,752
1931	543	4,573	95,431	17,557	16,760	7,391	3,987	7,812
1932	328	2,809	53,635	14,755	8,389	5,440	3,028	6,085
	Argentina		Peru		United Kingdom		Belgium	
1924	3,342	8,197	6,621	474	11,273	96,822	808	14,442
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	1,013	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
	France		Netherlands		Germany		Italy	
1924	1,751	13,495	2,776	13,221	2,047	21,858	1,348	15,544
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	14,008	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

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				
1924	307,197	261,586	15,561	196,345	21,320	580	4,491	17,681	22,858
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	260,704	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	5,728	11,456	15,541	32,529
1931	172,393	132,444	1,330	121,113	2,347	3,710	9,528	12,563	14,158
1932	110,595	82,729	703	79,980	233	1,723	3,763	9,262	13,118

[1] Includes districts not specified.

23.—COMMERCE OF NONCONTIGUOUS TERRITORIES

GENERAL NOTE.—In the general foreign-trade statistics of the United States presented in the preceding section, the Philippines and Virgin Islands are treated as foreign countries and their trade with the United States is included while their trade with other countries is not included. On the other hand, Puerto Rico, Hawaii, and Alaska are treated as integral parts of the United States, so that trade between them and continental United States is not included, while trade between them and foreign countries is included; each of these three territories appears as a separate customs district. Neither trade of American Samoa and Guam with foreign countries nor shipments between them and United States are included in the general tables on foreign trade. See also Table 456, p. 400.

The tables in this section present the total foreign trade of each of the United States territories and possessions and show separately the trade with Continental United States (unless otherwise indicated) and with foreign countries, including other United States territories and possessions.

No. 484.—IMPORTS AND EXPORTS OF ALASKA

NOTE.—In 1932 Alaska shipped domestic silver valued at $66,643 and foreign gold valued at $633,765 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, 226, 569	1, 612, 128	11, 840, 697	
1904	10, 165, 110	607, 355	10, 772, 465	10, 165, 140	1, 565, 690	11, 730, 830	6, 347, 742
1905	11, 504, 255	1, 450, 910	12, 955, 165	10, 801, 446	1, 088, 165	11, 889, 611	9, 059, 023
1906	14, 869, 827	845, 291	15, 715, 118	9, 272, 337	1, 377, 398	10, 649, 735	12, 638, 608
1907	18, 402, 765	1, 134, 191	19, 536, 956	12, 155, 198	1, 489, 686	13, 644, 884	18, 564, 228
1908	16, 577, 903	776, 974	17, 354, 877	10, 967, 777	1, 857, 905	12, 825, 682	11, 490, 777
1909	17, 762, 600	647, 331	18, 409, 931	13, 110, 910	961, 101	14, 072, 011	17, 782, 493
1910	18, 670, 339	619, 348	19, 289, 687	12, 440, 380	1, 168, 014	13, 608, 394	18, 393, 128
1911	16, 205, 730	706, 171	16, 911, 901	14, 055, 329	1, 136, 745	15, 192, 074	15, 173, 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, 872
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, 071, 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, 800	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, 088	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, 636	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

[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. 485.—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	3,068,400	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	155,322,083	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

No. 486.—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	20,580,101	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	5,715,023	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	109,238,321	2,267,714	111,504,035
1928	77,702,940	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

[1] Average for years 1903, 1904, and 1905.

Source of Tables 485 and 486: Bureau of Foreign and Domestic Commerce.

No. 487.—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	28,573,530
1906	4,333,893	21,465,373	25,799,266	11,579,411	20,337,723	31,917,134
1907	5,155,359	23,630,496	28,785,855	12,079,204	21,634,153	33,713,357
1908	5,079,487	25,838,870	30,918,357	10,323,233	22,493,334	32,816,567
1909	4,691,770	23,100,627	27,792,397	10,215,331	20,778,232	30,993,563
1910	10,775,301	26,292,329	37,067,630	18,741,771	21,122,398	39,864,169
1911	19,483,658	30,350,064	49,833,722	16,716,956	23,061,673	39,778,629
1912	20,604,155	33,945,825	54,549,980	21,517,777	28,802,059	50,319,836
1913	25,387,085	30,940,498	56,327,583	19,848,885	33,834,441	53,683,326
1914	28,571,821	27,439,749	56,011,570	22,047,105	29,190,943	51,238,048
1915	22,394,381	22,085,480	44,479,861	23,001,275	27,913,786	50,915,061
1916	23,804,367	22,169,258	45,973,625	28,638,526	32,825,505	61,464,031
1917	27,516,556	24,466,722	51,983,278	43,125,393	28,589,982	71,715,375
1918	49,799,229	33,964,061	83,763,290	77,010,233	39,604,378	116,614,611
Dec. 31:						
1918 (6 months)	31,949,240	21,671,502	53,620,742	50,920,499	24,518,860	75,439,359
1919	75,491,415	43,147,637	118,639,052	56,453,173	56,664,660	113,117,833
1920	92,289,778	57,148,505	149,438,283	105,216,263	45,907,593	151,123,856
1921	74,130,015	41,708,559	115,838,574	50,356,793	37,758,530	88,115,323
1922	47,738,326	32,459,319	80,197,645	64,111,601	31,471,697	95,583,298
1923	50,352,535	37,447,212	87,799,747	85,047,023	35,705,967	120,752,990
1924	60,309,380	47,611,515	108,010,895	97,313,903	38,030,760	135,344,663
1925	69,297,583	50,435,251	119,732,834	109,044,942	39,832,263	148,877,205
1926	71,575,618	47,723,374	119,298,992	100,003,215	36,881,105	136,884,320
1927	71,478,297	44,373,175	115,851,472	116,038,250	39,535,835	155,574,085
1928	83,858,068	50,798,830	134,656,898	115,585,876	39,468,670	155,054,546
1929	92,592,959	54,567,316	147,160,275	124,465,473	39,981,370	164,446,843
1930	78,183,028	44,900,926	123,092,954	105,342,061	27,825,067	133,167,128
1931	62,139,683	37,039,036	99,178,719	83,422,397	20,549,677	103,972,074
1932	51,297,750	28,097,335	79,395,085	82,647,867	12,690,214	95,338,081

[1] The discrepancy between the United States figures of exports to the Philippines prior to 1911 and the Philippine figures of imports from the United States in corresponding periods is due chiefly to the fact that the Philippine import figures prior to that year omit merchandise imported free of duty for the use of the Government or for use in construction and equipment of railways in the islands, under the act of Feb. 6, 1905, while the United States returns omit only Government supplies carried by Government vessels.

Sources: Reports of the War Department and Annual Report of the Insular Collector of Customs.

No. 488.—IMPORTS AND EXPORTS OF AMERICAN SAMOA

Year ended—	Merchandise imports			Merchandise exports		
	From United States	From other countries	Total	To United States	To other countries	Total
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1916	100,507	17,787	118,294	62,062	.....	62,062
1917	93,626	16,688	110,314	198,496	.....	198,496
1918	94,334	51,565	145,899	118,520	.....	118,520
Dec. 31:						
1918 (6 months)	66,409	46,033	112,442	136,071	.....	136,071
1919	95,329	87,630	182,959	90,421	.....	90,421
1920	126,185	99,110	225,295	98,213	.....	98,213
1921	127,654	94,833	222,487	117,446	.....	117,446
1922	96,317	100,586	196,903	98,216	.....	98,216
1923	97,396	101,464	198,860	95,164	.....	95,164
1924	91,309	103,053	194,362	102,895	47,385	150,280
1925	92,514	99,898	192,412	26,712	123,621	150,333
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	63,667	206,060	140,422	(1)	(1)
1931	103,659	79,788	183,447	60,287	(1)	(1)
1932	99,064	58,536	157,600	29,077	(1)	(1)

[1] Not available.

Source: Returns to the Navy Department.

No. 489.—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	----------	1,724,820	135,117	----------	543,526
1912	924,700	----------	1,683,072	489,039	----------	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	----------	378,850
1916	850,377	----------	1,222,509	03,496	----------	260,045
1917	1,438,904	----------	(2)	1,259,007	----------	(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	2,022,396	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	1,617,626	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	1,015,277	(2)	(2)	1,020,748	(2)	(2)
1926	1,790,444	(2)	(2)	810,410	(2)	(2)
1927	2,053,340	(2)	(2)	968,463	(2)	(2)
1928	2,277,030	(2)	(2)	1,195,314	(2)	(2)
1929	2,208,269	(2)	(2)	603,323	(2)	(2)
1930	1,672,903	(2)	(2)	768,342	(2)	(2)
1931	1,236,508	(2)	(2)	408,932	(2)	(2)
1932	918,851	(2)	(2)	405,163	(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. 490.—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

Source: Returns to the Navy Department.

No. 491.—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 484

Territory and product	Quantity			Value (thousands of dollars)			
	1930	1931	1932	1929	1930	1931	1932
ALASKA							
Animals, number	1,774	728	124	157	146	23	4
Reindeer meat, 1,000 lbs.	1,566	1,016	247	141	158	100	25
Fish, do.	274,106	304,414	298,872	44,299	34,950	35,415	25,464
Halibut, fresh and frozen, do.	11,580	13,634	7,937	1,909	1,402	1,463	657
Salmon, fresh and frozen, do.	6,350	7,697	7,538	818	757	825	544
Canned salmon, do.	239,208	267,292	259,166	38,568	30,084	31,161	22,145
Cured or preserved fish, do.	15,478	14,006	21,895	2,487	2,207	1,415	1,445
Shellfish, do.	1,409	1,785	2,336	467	441	551	673
Other fish products:							
Meal, tons[1]	11,208	7,007	8,773	829	676	344	268
Oil, 1,000 galls.	3,608	2,129	2,559	1,380	979	379	308
Furs and fur skins, number	464,110	637,346	567,786	5,237	3,147	2,811	1,702
Whale oil, 1,000 galls.	982	----	767	8,698	409	----	116
Stone, including marble, tons[1]	200,847	149,148	87,045	110	106	75	141
Wood, timber, and lumber, M ft.	5,120	1,984	567	140	178	35	21
Copper (ore, matte, regulus), 1,000 lbs.	37,775	22,055	10,807	8,698	5,431	2,080	723
Lead (ore, matte, regulus), do.	2,390	3,432	2,545	178	140	151	81
Total Alaskan products				61,764	46,467	41,540	28,976
Articles produced in U. S. returned				1,585	1,510	1,601	1,103
Total foreign merchandise				219	1,020	135	104
Total, all merchandise				63,568	48,997	43,276	30,183
HAWAII							
Coffee, 1,000 lbs.	5,887	6,637	7,760	1,323	1,093	1,067	926
Fruits				38,694	37,890	35,463	20,680
Bananas, bunches	119,603	123,997	90,514	201	118	122	88
Pineapples (canned), 1,000 lbs.	423,170	484,276	388,069	38,431	37,728	35,341	20,592
Hides and skins, do.	1,474	1,568	1,401	164	146	95	53
Honey, do.	868	1,751	1,653	100	44	51	50
Molasses, 1,000 galls.	30,059	14,341	11,167	1,016	1,330	532	318
Sugar:							
Unrefined, 1,000 lbs.	1,697,389	1,915,791	1,993,226	60,874	53,619	59,825	55,600
Refined, do.	34,145	20,138	48,641	1,041	1,615	940	1,988
Total Hawaiian products				103,797	96,519	98,882	80,494
Articles produced in U. S. returned				2,475	2,349	2,554	2,108
Total foreign merchandise				42	55	113	26
Total, all merchandise				106,313	98,924	101,549	82,888
PUERTO RICO							
Cotton and manufactures				14,773	13,117	12,443	9,561
Handkerchiefs, 1,000 doz.	855	1,298	1,865	1,206	690	985	1,267
Wearing apparel, do.	1,515	1,570	1,382	13,087	11,645	10,400	7,343
Linen manufactures				61	202	234	539
Silk dresses and underwear[2], doz.			86,785	517	384	703	1,341
Fruits				3,861	6,792	5,447	2,948
Grapefruit, fresh, boxes	780,254	807,994	284,060	1,418	2,847	2,399	863
Oranges, fresh, do.	226,553	61,373	19,235	175	644	156	48
Pineapples, fresh, crates	501,476	710,648	576,489	1,807	1,761	2,260	1,764
Grapefruit, canned, etc., 1,000 lbs.	13,223	6,446	3,649	160	1,103	472	246
Pineapples, canned, etc., do.	4,826	2,580	606	263	369	160	27
Coconuts, thousands	7,681	11,092	10,495	124	242	281	215
Hides and skins, 1,000 lbs.	1,150	907	930	160	116	71	52
Honey, do.	1,129	870	886	45	60	31	28
Manganese ore, tons[1]	2,536	2,374	2,302	84	85	87	66
Alcohol, galls.	948,092	840,480	1,010,887	431	378	207	313
Sugar and molasses:							
Sugar, 1,000 lbs.	1,618,464	1,515,330	1,788,800	36,494	57,391	51,887	51,864
Molasses, 1,000 galls.	22,480	29,856	23,332	838	1,789	1,084	708
Tobacco:							
Leaf:							
Unstemmed, 1,000 lbs.	306	126	10	1,046	233	26	3
Stemmed, do.	18,797	10,439	5,689	11,393	11,319	8,970	2,679
Stems, scraps, etc., do.	5,755	5,335	4,252	1,618	1,200	1,073	794
Cigars and cheroots, thousands	157,877	162,208	76,266	3,219	3,944	3,230	1,668
Cigarettes, do.	17,767	11,670	4,431	40	95	59	22
Total Puerto Rican products				76,002	98,581	86,922	73,594
Articles produced in U. S. returned				2,049	1,086	970	653
Total foreign merchandise				75	213	20	43
Total, all merchandise				78,127	99,880	87,912	74,290

[1] Of 2,240 pounds.

[2] Silk manufactures 1929 through 1931.

No. 491.—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)			
	1930	1931	1932	1929	1930	1931	1932
PHILIPPINE ISLANDS [3]							
Sugar.....1,000 lbs..	1,587,457	1,635,336	2,080,837	49,692	51,398	49,899	57,122
Oil cake and meal (coconut).....do....	32,565	13,371	7,495	377	380	111	61
Coconut meat prepared.....do....	45,343	37,133	36,303	3,395	3,277	1,936	1,595
Copra.....do....	336,555	267,471	198,526	13,154	12,493	6,574	3,431
Coconut oil.....do....	317,919	325,175	249,117	20,552	19,001	15,272	7,619
Unmanufactured tobacco.....do....	4,080	4,144	3,560	443	528	554	433
Cigars and cheroots.....do....	1,901	2,056	2,192	3,341	2,997	3,105	3,006
Cotton wearing apparel.....				4,605	3,106	2,044	2,660
Cordage.....1,000 lbs..	7,614	5,380	4,942	951	961	547	445
Manila fiber.....tons [1]..	61,833	30,461	25,552	13,330	8,512	2,910	1,606
Hats of straw, etc.....thousands..	577	351	399	2,019	873	449	336
Sawed cabinet woods.....m. bd. ft..	28,068	17,965	6,936	1,582	1,367	866	256
Articles produced in U. S. returned.....				366	490	374	361
Total, all merchandise.....				125,792	109,390	87,133	80,877

[1] Of 2,240 pounds. [3] Data represent shipments to the United States customs area.

Source: Bureau of Foreign and Domestic Commerce.

No. 492.—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]	
	1931	1932	1931	1932	1931	1932	1931	1932
Total merchandise	22,490	19,573	78,092	38,576	60,637	48,780	48,805	44,870
Animals and Animal Products	3,200	2,321	6,929	5,791	9,104	7,687	4,942	3,573
Meat products	1,333	933	2,434	2,128	2,851	2,506	303	313
Eggs	410	319	506	420	38	71	2	5
Milk, condensed, evaporated, etc.	808	277	771	573	475	384	2,715	1,712
Butter and cheese	635	411	857	724	555	437	100	55
Fish	85	60	834	673	360	329	817	547
Animal fats and oils, edible	66	48	120	94	2,281	1,630	27	14
Boots and shoes	136	102	800	605	2,178	2,037	168	135
Other leather manufactures	31	21	239	215	150	125	93	204
Vegetable Food Products and Beverages	3,240	2,695	11,178	9,112	13,263	10,663	4,832	3,628
Grains and preparations	592	476	4,469	3,234	9,082	6,826	2,738	1,884
Rice	56	38	3,189	2,107	6,610	4,787	1	6
Wheat flour	232	224	678	618	1,565	1,230	2,540	1,718
Biscuits and crackers	128	94	96	100	412	306	98	91
Vegetables	632	538	1,603	1,434	2,343	2,140	496	386
Potatoes	106	91	203	179	457	388	8	10
Canned vegetables	204	240	456	408	168	178	200	160
Fruits	631	472	1,278	1,161	295	247	725	555
Oranges	83	62	376	391			218	145
Apples	76	53	186	141	43	30	147	127
Canned and preserved fruits	248	174	310	270	129	93	109	92
Coffee	288	240	148	152	88	188	247	262
Sugar	315	289	158	78	6	6	53	22
Confectionery	248	188	539	515	239	206	148	130
Beverages and fruit juices	152	120	284	226	279	274	40	37
Vegetable Products, Inedible, Except Fibers and Wood	1,100	935	5,010	4,313	4,691	3,806	4,427	3,645
Rubber manufactures	248	197	1,733	1,275	871	710	1,565	974
Boots and shoes [2]	112	94	72	29	187	155	142	10
Automobile tires:								
Casings	34	25	1,158	932	425	373	945	634
Inner tubes	6	4	126	88	42	34	103	63
Belting, hose, and packing	75	60	130	80	55	35	166	104
Tobacco:								
Leaf					1,317	608	291	112
Cigars and cheroots	130	92	207	175	2	5		
Cigarettes	441	386	2,151	2,071	2,240	2,254	1,862	1,672
Smoking	154	157	529	462	2	3	22	20

[1] Data represent shipments from the United States customs area.
[2] Includes canvas shoes with rubber soles.

No. 492.—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]	
	1931	1932	1931	1932	1931	1932	1931	1932
Textiles	1,689	1,223	6,001	4,866	12,913	10,004	8,719	11,517
Sewing, crochet, and embroidery cotton	5	3	123	100	170	161	576	519
Cotton cloth	66	35	1,170	895	6,002	5,043	5,666	8,438
Cotton wearing apparel	327	223	1,093	881	1,936	1,650	211	160
Bags of jute	39	32	173	90	305	177	39	69
Cordage and twine (cotton, jute, and other)	243	148	115	92	170	131	117	70
Wool wearing apparel	213	173	452	302	309	239	21	24
Other wool manufactures	55	37	286	206	99	79	21	27
Silk manufactures	102	64	701	589	343	245	458	597
Wood and Paper	1,188	1,069	5,381	3,664	3,247	2,841	1,697	1,272
Logs and timber	69	38	200	119	140	118	7	7
Boards, planks, and deals	162	129	1,010	791	723	878	46	34
Box shooks	21	21	265	94	352	220	68	2
Wood furniture	98	70	450	342	524	413	23	11
Paper and manufactures	496	512	2,799	1,873	1,243	1,065	1,317	1,100
Nonmetallic Minerals	1,851	1,696	9,393	8,292	2,704	2,218	4,490	4,462
Coal	289	261	57	33	141	47		
Petroleum and products	1,240	1,139	7,320	6,800	1,840	1,528	3,924	4,060
Gasoline	596	548	3,760	4,144	801	677	1,399	1,700
Illuminating oil	72	54	603	531	381	320	712	916
Gas and fuel oil	312	348	1,864	1,195	191	248	824	658
Lubricating oil	218	148	759	635	300	190	749	469
Metals and manufactures, except Machinery and Vehicles	5,233	5,287	11,081	6,477	3,174	2,985	5,678	4,578
Iron and steel	5,034	5,115	9,617	5,444	2,802	2,651	4,862	3,959
Steel bars	42	38	279	235	116	78	110	53
Iron and steel plates	11	12	66	46	18	13	61	31
Galvanized sheets	54	42	246	142	309	586	1,331	1,207
Tin plates	415	607	4,617	1,704	13	21	439	375
Structural forms	55	59	320	441	97	156	160	165
Cast-iron pipe and fittings	15	16	360	188	114	60	321	183
Wire	178	126	330	226	144	124	279	214
Wire nails	46	37	63	67	62	110	195	158
Cutlery	11	8	137	127	97	104	58	37
Tin cans, finished or unfinished	3,344	3,436	24	69	166	59	54	129
Enameled iron and steel	38	31	158	102	133	111	67	37
Stoves, ranges, furnaces	173	137	197	161	26	22	27	25
Tools	70	59	236	190	115	93	187	155
Copper	43	34	436	339	120	164	300	251
Machinery and Vehicles	2,973	2,547	13,432	7,080	4,025	3,006	7,766	6,902
Engines	232	150	331	114	93	11	357	286
Electrical machinery and appliances	661	463	3,453	2,315	958	775	1,748	1,234
Agricultural machinery	65	56	399	322	256	168	334	559
Other machinery	1,429	1,430	4,215	1,611	945	898	2,205	1,023
Motor trucks and busses	91	68	862	298	373	213	833	1,003
Passenger automobiles	196	131	2,907	1,641	844	595	1,447	1,317
Automobile parts and accessories, except tires	104	72	754	552	261	211	575	490
Chemicals and Related Products	965	866	6,087	5,218	5,278	3,717	3,716	2,975
Chemicals	154	150	824	769	453	450	1,446	1,159
Medicinal and pharmaceutical preparations	177	149	484	474	939	849	721	511
Paints, pigments, and varnishes	149	115	821	619	371	367	540	408
Explosives, fuses, etc	327	310	158	92	27	11	156	178
Fertilizers	3	3	2,507	2,039	2,039	891	497	362
Soap	115	103	791	642	1,131	782	592	443
Miscellaneous	1,051	934	4,550	3,975	2,238	1,853	2,547	2,319
Motion-picture films	83	129	155	159	50	45	60	80
Musical instruments	60	35	302	208	117	51	269	92
Toys	31	26	147	109	159	155	44	32
Athletic and sporting goods	21	32	197	154	22	12	119	87
Books, pictures, and other printed matter	263	214	1,209	1,011	311	265	702	809
Household and personal effects	161	118	315	269	203	174	105	85

[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 497). Tables 499 to 504 relate to irrigation enterprises of all sorts as reported to the Bureau of the Census.

No. 493.—GOVERNMENT IRRIGATION PROJECTS: CONSOLIDATED FINANCIAL STATEMENT, JUNE 30, 1932

DEBIT SIDE

Construction account, primary projects:			
Cost of irrigation works—			
Original construction	$198,792,308		
Supplemental construction	12,447,402		
Value of works taken over	2,056,940		
Total construction cost		$213,296,710	
Operation and maintenance prior to public notice (net)	2,774,924		
Operation and maintenance deficits and arrearages and penalties on water-right charges funded with construction	6,423,046		
		9,197,969	
		222,494,680	
Less—			
Abandoned works and nonreimbursable cost, etc. (net)	15,440,108		
Construction revenues	6,400,797		
Contributed funds	1,614,553		
Nonreimbursable appropriation (Rio Grande Dam)	1,000,000		
		24,455,458	
Balance repayable			$198,039,221
Yuma auxiliary project: Cost of works less construction revenues			891,866
Secondary projects and general investigations: Cost of surveys and investigations less contributed funds			2,302,234
General office expense undistributed (contra)			*9,983*
Plant and equipment			590,374
Materials and supplies			351,188
Accounts receivable			157,486,305
Unadjusted debits: Disbursement vouchers in transit			2,785
Cash on hand and in special deposit and in transit			4,046,817
Total debits			363,700,808

CREDIT SIDE

Security for repayment of cost of irrigation works:			
Contracted construction repayments		$198,300,847	
Yuma auxiliary contracted repayments		604,993	
			$198,905,840
Current accounts payable			1,034,187
Deferred and contingent obligations			915,318
Reserves and undistributed profits			7,043,404
Unadjusted credits: Collection vouchers in transit			25
Undistributed clearing cost accounts			20,716
Operation and maintenance results, surplus			566,063
Government aid for reclamation of arid lands:			
Reclamation fund		153,659,346	
Special funds—			
Increase of compensation		2,797,960	
Judgments, United States Courts		602,814	
Rio Grande Dam		1,000,000	
Wind River Indian (Riverton)		359,176	
Drainage and cut-over lands		99,815	
General investigations, 1923–Dec. 31, 1924		266,353	
Arid, semiarid, swamp, and cut-over timberlands		35,924	
Columbia Basin irrigation project		11,634	
Colorado River levee system		400,000	
Advances to reclamation fund (bond loan) less amount repaid		10,000,000	
Treasury loan (act of Mar. 4, 1931)		5,000,000	
Total		174,233,023	
Less nonreimbursable appropriation, Rio Grande Dam		1,000,000	
		173,233,023	
Less impairment of funds—			
Abandoned construction works and nonreimbursable cost	$2,015,055		
Operation and maintenance cost, uncollectible	453,272		
Charge-offs, act of May 25, 1926	14,465,008		
Washington office cost since Dec. 5, 1924	1,079,781		
Other items	4,651		
		18,017,768	
			155,215,255
Total credits			363,700,808

Source: Bureau of Reclamation, Department of the Interior.

No. 494.—GOVERNMENT IRRIGATION PROJECTS: CONSTRUCTION COST, OTHER REIMBURSABLE COST AND AMOUNT TO BE REPAID BY WATER USERS, TOTALS TO JUNE 30, 1932

State and project	Construction cost	Operation and maintenance cost before public notice (net)	Operation and maintenance deficits and arrearages	Deduction		Total to be repaid by water users
				Construction revenues and contributed funds	Abandoned works, nonreimbursable cost, etc.	
Total	*Dollars* 213,296,710	*Dollars* 2,774,924	*Dollars* 6,423,046	*Dollars* [1] 9,015,350	*Dollars* 15,440,109	*Dollars* 198,039,221
Arizona: Salt River	12,744,223	115,994		2,312,097	[2] 382,097	10,166,022
Arizona-California: Yuma	9,374,613	373,756	6,392	223,172		9,531,589
California: Orland	2,399,303	[3] *11,453*		28,200		2,359,670
Colorado:						
Grand Valley	4,860,977	138,621		166,193	[4] 812,375	4,021,031
Uncompahgre	6,422,628	311,103	186,198	24,239	[4] 1,259,752	5,635,937
Idaho:						
Boise	16,002,560	422,283	875,739	422,845	[4] 82,394	16,795,344
King Hill	1,905,919		110,123	28,187	[4] 497,464	1,490,390
Minidoka	14,946,814	320,774	501,790	1,795,343	[4] 2,288	13,971,747
Minidoka-Gooding	4,021,079		10,140	1,319		4,029,900
Kansas: Garden City	342,964	52,868		61,357	[5] 334,475	
Montana:						
Bitter Root	547,641					547,641
Huntley	1,562,303	[3] *1,000*	384,581	18,372	[4] 62,050	1,865,463
Milk River	6,827,871	437,256	100,394	92,814	[4] 1,933,405	5,339,301
Sun River	7,343,853	133,216	102,504	47,400	[4] 89,214	7,442,959
Montana-North Dakota: Lower Yellowstone	3,691,615	[3] *3,895*	905,717	54,786	[4] 382,254	4,156,896
Nebraska-Wyoming: North Platte	19,208,442	743,294	1,506,898	495,308		20,963,327
Nevada: Newlands	7,956,912	[3] *2,155*	34,631	52,348	[4] 4,437,820	3,499,220
New Mexico:						
Carlsbad	1,464,650	[3] *17,752*	1,934	29,030		1,419,802
Hondo	339,492	32,952		656	[5] 371,788	
New Mexico-Texas: Rio Grande	15,004,876	[3] *297,858*		[1] 1,398,882	[4] 326,901	12,981,235
North Dakota:						
Buford-Trenton	223,423	[5] *32*		1,968	[5] 221,424	
Williston	517,630	[3] *165*		95,157	[5] 422,308	
Oregon:						
Baker	280,490			5,003		275,487
Umatilla	5,137,937		230,205	83,364	[4] 888,341	4,396,438
Vale	3,407,676	21,823		5,000		3,424,499
Oregon-California: Klamath	6,137,363	80,000	74,480	453,640	[4] 7,500	5,830,703
Oregon-Idaho: Owyhee	9,876,882			4,355		9,872,528
South Dakota: Belle Fourche	4,508,675	[3] *1,989*	669,943	19,121	[4] 379,032	4,778,477
Utah:						
Salt Lake Basin	2,825,287			45,856		2,779,431
Strawberry Valley	3,507,423	10,744	82,240	258,379		3,342,029
Washington:						
Okanogan	1,451,729	[3] *47,767*	25,194	6,631	[4] 998,327	424,199
Yakima	15,974,259	[3] *64,357*	83,102	383,575	[4] 4,215	15,605,214
Yakima-Kittitas	8,600,620		8,784	4,160		8,605,244
Wyoming:						
Riverton	3,883,997		58,389	17,608		3,924,778
Shoshone	9,994,587	28,143	463,666	378,988	[4] 1,544,686	8,562,722

[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. 495.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST, AND RETURNS DURING 1931 (CALENDAR YEAR)

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		
Total	*Dollars* 1,734,494	*Dollars* 1,330,300	*Dollars* 9,839	*Dollars* 4,744	*Dollars* 109,446	*Dollars* 232,128	*Dollars* −67,524
Arizona: Yuma auxiliary	22,939	30,502			1,245		+8,807
Arizona-California: Yuma	288,484	179,217	1,139	575	10,567		−98,130
California: Orland	38,223	38,201	360	984	332		−312
Colorado:							
Grand Valley	44,180	46,875			720		+3,415
Uncompahgre	116,208	[2] *675*			2,733		−114,150

[1] Amounts to be repaid with construction and charge-offs under act of May 25, 1926.
[2] Contra.

No. 495.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST, AND RETURNS DURING 1931 (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		
Idaho:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Boise	25,504	15,110					−10,393
Minidoka	75,027	66,042			12,598	[2] *108*	+3,594
Minidoka-Gooding	22,749	1,087			359		−21,302
Montana:							
Milk River	43,493	47,440		103	416		+4,261
Sun River	2,509	2,619			[2] *115*	[2] *17*	−23
Montana-North Dakota: Lower Yellowstone	56,918	29,056			1,526		−26,336
Nebraska-Wyoming: North Platte	35,419	25,004			2,512		−7,903
New Mexico: Carlsbad	49,119	59,187	1,070	563	376		+10,952
New Mexico-Texas: Rio Grande	373,854	355,412	2,123		16,320		
Oregon: Umatilla	3,411	7,451			30		+4,071
Oregon-California: Klamath	88,997	56,753	3		40,434		+8,194
South Dakota: Belle Fourche	63,948	67,500			3,618		+2,170
Washington:							
Yakima	255,971	246,191	5,143	2,521	6,377	94	−687
Yakima-Kittitas	52,246	54,234				8,784	+10,772
Wyoming:							
Riverton	67,788				9,398	58,389	
Shoshone	2,508	3,092		[2] *8*		154,987	+155,573

[2] Contra.

No. 496.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST, RETURNS, AND NET RESULT, TOTALS TO DECEMBER 31, 1931

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		
Total	*Dollars* **35,103,339**	*Dollars* **27,859,107**	*Dollars* **488,830**	*Dollars* **385,998**	*Dollars* **1,606,104**	*Dollars* **6,001,808**	*Dollars* **686,512**
Arizona: Yuma auxiliary	332,136	394,625	538	1,107	8,326		+70,246
Arizona-California: Yuma	4,679,496	4,637,890	99,438	58,842	197,083	2,922	+198,095
California: Orland	495,555	526,323	2,204	21,671	3,432		+14,733
Colorado:							
Grand Valley	192,480	206,750			2,762		+17,032
Uncompahgre	1,190,155	1,198,344	11,237	11,603	24,462		+32,285
Idaho:							
Boise	2,814,742	2,124,828	69,769	52,650	111,045	601,070	+39,320
King Hill	156,734	60,711		1,519	343	97,199	
Minidoka	2,263,083	1,866,239	29,463	22,342	127,783	266,497	+4,558
Minnidoka-Gooding	22,749	1,844			359		−20,545
Montana:							
Huntley	1,014,941	557,805	15,712	10,450	11,587	[1] 440,339	+53
Milk River	277,263	202,441		1,662	5,458	100,394	+29,367
Sun River	319,277	161,591	6,360	3,468	29,626	[1] 124,675	−493
Montana-North Dakota: Lower Yellowstone	1,348,915	347,314	3	5	135,751	861,460	−4,392
Nebraska-Wyoming: North Platte	2,803,906	1,839,903	27,304	35,812	33,588	1,043,086	+104,163
Nevada: Newlands	1,453,491	1,188,796	28,661	24,970	26,013	[1] 227,168	−7,823
New Mexico: Carlsbad	912,592	874,469	30,236	17,151	26,147	1,034	+3,043
New Mexico-Texas: Rio Grande	3,454,326	3,382,715	10,720	4,486	65,378		
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	694,931	376,559	7,698	3,314	39,868	[1] 288,216	+14,095
Oregon-California: Klamath	1,284,477	1,175,671	3,621	4,942	158,945	3,712	+52,530
South Dakota: Belle Fourche	1,613,288	884,808	29,196	9,241	29,593	[1] 689,801	+10,869
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	4,647,350	4,446,934	91,361	57,456	137,114	74,852	+45,456
Yakima-Kittitas	80,783	73,987				8,784	+1,988
Wyoming:							
Riverton	67,788				9,398	58,389	
Shoshone	915,934	543,876	13,615	11,051	41,393	[1] 409,131	+81,029

[1] Includes deficits uncollectible: Huntley, $81,354; Sun River, $34,148; Newlands, $211,292; Buford-Trenton, $72,454; Williston, $380,819; Umatilla, $91,083; Belle Fourche, $119,606; Okanogan, $181,472; Shoshone, $38,036; total, $1,210,264. Other data are amounts to be repaid with construction.
[2] Projects abandoned.

Source of Tables 495 and 496: Bureau of Reclamation, Department of the Interior.

No. 497.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE IRRIGABLE, IRRIGATED, AND CROPPED AND VALUE OF CROPS, BY PROJECTS, 1931 [1]

State and project	Lands in projects proper				Other lands served by Government works [2]			
	Irrigable acreage [3]	Irrigated acreage	Cropped acreage	Crop value	Irrigable acreage	Irrigated acreage	Cropped acreage	Crop value
				Dollars				*Dollars*
Grand total	2,027,264	1,552,718	1,520,354	40,554,037	1,588,972	1,293,889	1,251,830	33,406,340
Total with irrigation	2,027,264	1,552,718	1,462,565	40,121,089	1,588,972	1,293,889	1,251,830	33,406,340
Arizona: Salt River	245,897	216,170	208,546	10,355,049	94,000	59,000	59,000	1,700,000
Arizona-California: Yuma	65,718	53,175	50,523	1,462,210				
Valley division	49,638	43,259	41,174	1,202,640	200	182	160	12,475
Reservation division	7,743	3,616	3,589	56,605				
Bard	6,351	5,055	4,874	104,386				
Yuma auxiliary (Mesa)	1,986	1,245	886	98,570				
California: Orland	20,704	13,895	12,738	376,689				
Colorado:								
Grand Valley	30,380	15,834	15,239	378,523	18,400	14,300	13,710	340,000
Uncompahgre	75,654	60,761	60,651	1,345,711	1,650	1,545	1,545	40,170
Idaho:								
Boise	172,311	165,591	153,902	2,375,424	137,370	131,744	128,115	2,179,957
King Hill	8,178	6,982	6,876	151,272				
Minidoka	120,941	105,556	98,784	1,880,971	786,941	673,338	644,767	14,804,130
Gravity division	72,022	60,537	56,745	1,031,002				
Pumping division	48,919	45,019	42,039	849,969				
Montana:								
Bitter Root	15,296	13,972	13,972	259,092				
Huntley	32,540	23,129	23,129	605,018				
Milk River	134,557	43,522	42,690	880,956				
Sun River	59,090	[4] 31,297	35,216	350,435				
Fort Shaw division	13,902	[4] 7,369	7,410	101,794				
Greenfields and Big Coulee division	45,188	[4] 23,928	27,806	248,640				
Montana-North Dakota: Lower Yellowstone	44,942	31,234	31,194	856,213				
Nebraska-Wyoming: North Platte	235,841	218,523	187,657	4,201,927	129,128	112,677	109,030	2,820,973
Pathfinder district	113,008	105,143	90,427	1,629,252				
Gering and Fort Laramie district	55,031	51,180	51,180	1,520,218				
Goshen district	51,542	47,500	34,754	876,110				
Northport district	16,170	14,700	11,296	176,347				
Nevada: Newlands	87,500	42,672	40,203	742,703				
New Mexico: Carlsbad	25,055	24,680	21,930	663,738				
New Mexico-Texas: Rio Grande	155,000	144,290	137,378	4,283,758	75,000	48,280	48,280	841,955
Oregon:								
Vale	7,872	2,131	1,963	55,003				
Umatilla	14,562	11,486	11,143	172,762	781	684	675	12,274
Oregon-California: Klamath	56,852	48,634	47,668	1,248,750	64,514	42,767	37,367	578,963
Main division	41,375	33,824	33,303	825,945				
Tule Lake division	15,477	14,810	14,365	422,805				
South Dakota: Belle Fourche	60,614	[4] 42,120	44,372	685,070				
Utah:								
Salt Lake Basin					77,000	67,000	67,000	2,137,000
Strawberry Valley	43,180	41,185	36,608	837,180	7,017	5,724	5,533	139,170
Washington:								
Okanogan	6,000	3,839	3,302	307,226				
Yakima	204,658	144,513	129,527	4,883,843	196,717	136,421	136,421	7,797,000
Sunnyside division	102,618	86,582	78,640	2,525,622				
Tieton division	30,040	25,800	21,170	1,920,856				
Kittitas division	72,000	32,131	29,717	437,365				
Wyoming:								
Shoshone	71,922	45,621	45,601	740,619				
Garland division	41,649	32,661	32,661	579,603				
Frannie division	20,063	9,473	9,453	136,070				
Willwood division	10,210	3,487	3,487	24,946				
Riverton	32,000	1,900	1,753	20,947	254	227	227	2,273
Total cropped without irrigation			57,789	432,948				
Milk River			2,483	8,367				
Sun River			1,947	6,820				
Klamath			53,359	417,761				

[1] Calendar year data, except on Salt River project, where data are for crop year beginning October, 1930.
[2] Usually furnished with a partial water supply through private canals under Warren Act or other water-service contracts.
[3] Area for which bureau was prepared to supply water.
[4] Includes some dry-farmed tracts; not included below under "Cropped without irrigation."

Source: Bureau of Reclamation, Department of the Interior.

No. 498.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE, PRODUCTION, AND VALUE OF CROPS

[Acreage in thousands and value in thousands of dollars, except for individual crops

Year	Government projects proper				Warren Act land			Entire area		
	Irrigable acreage	Irrigated acreage	Cropped acreage [1]	Crop value [1]	Irrigated acreage	Cropped acreage	Crop value	Irrigated acreage	Cropped acreage	Crop value
1918	1,602	1,142	1,051	66,821	501	482	35,000	1,643	1,533	101,821
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	94,525
1922	1,693	1,202	1,169	50,361	983	951	33,241	2,185	2,120	83,602
1923	1,718	1,214	1,180	65,046	1,051	993	37,558	2,265	2,173	102,604
1924	1,806	1,291	1,217	66,489	931	890	43,238	2,222	2,106	109,726
1925	1,803	1,320	1,243	77,609	1,019	951	53,656	2,340	2,194	131,265
1926	1,845	1,411	1,362	60,665	1,097	950	49,750	2,508	2,311	110,415
1927	1,957	1,379	1,432	72,047	1,148	1,072	61,160	2,527	2,504	133,207
1928	1,883	1,442	1,489	81,078	1,235	1,192	62,495	2,677	2,681	143,573
1929	1,922	1,484	1,512	88,459	1,234	1,193	72,720	2,718	2,705	161,180
1930	1,993	1,505	1,551	65,007	1,286	1,254	54,655	2,791	2,805	119,662
1931	2,027	1,553	1,520	40,554	1,294	1,262	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

GOVERNMENT PROJECTS PROPER—INDIVIDUAL CROPS [1]

Crop	Acreage cropped		Production		Crop value		Yield per acre	
	1931	1932	1931	1932	1931	1932	1931	1932
			Bushels	*Bushels*	*Dollars*	*Dollars*	*Bushels*	*Bushels*
Total, all crops	1,520,354	1,578,880			40,554,037	31,531,162		
Cereals	305,017	384,107	3,737,134	12,115,886	3,503,201	3,026,892		
Barley	84,828	98,905	2,850,918	3,726,158	1,021,710	720,031	33.6	21.3
Corn	74,369	90,075	1,831,062	2,449,542	838,158	657,786	24.6	27.2
Oats	40,987	59,151	1,524,502	2,501,797	431,821	427,643	37.2	42.4
Rye	2,427	2,512	22,627	43,859	9,336	12,024	9.3	17.5
Wheat	102,406	133,464	2,508,025	3,394,530	1,202,176	1,209,408	24.5	25.5
Other seeds	40,195	28,703	134,648	108,964	534,020	313,650		
Alfalfa seed	26,209	20,687	82,403	70,175	357,224	217,604	3.1	3.4
Clover seed	12,453	6,175	40,432	26,588	164,645	86,815	3.2	4.3
Flaxseed	1,533	1,841	11,813	12,201	12,151	9,231	7.7	6.6
			Tons	*Tons*			*Tons*	*Tons*
Hay and forage	1,093,982	1,173,412	1,497,094	1,643,601	12,553,126	9,306,441		
Alfalfa hay	481,116	492,591	1,167,491	1,320,656	8,543,436	6,148,306	2.4	2.7
Clover hay	16,581	10,926	20,028	14,303	120,989	44,336	1.2	1.3
Other hay	53,569	48,691	67,500	60,619	381,705	238,441	1.3	1.2
Corn fodder	12,844	14,582	44,455	57,926	193,245	160,599	3.5	4.0
Other forage	106,146	145,415	197,620	190,097	705,563	735,208	1.9	1.3
Pasture	423,726	461,207			2,608,188	1,979,551		
			Bushels	*Bushels*			*Bushels*	*Bushels*
Vegetables	173,706	159,541	14,929,902	10,766,586	9,027,999	7,327,621		
Beans	33,311	13,916	548,257	232,876	530,120	190,238	16.5	16.7
Onions	4,246	2,451	612,874	531,583	474,863	66,557	144.4	217.2
Potatoes, white	76,399	71,570	13,576,154	9,823,753	2,824,482	1,367,068	177.8	137.5
Potatoes, sweet	1,649	1,678	192,617	178,374	138,209	98,504	116.8	106.3
Truck	58,101	69,926			5,060,325	5,605,254		
			1,000 lbs.	*1,000 lbs.*			*Pounds*	*Pounds*
Fruits and nuts	52,504	61,588	455,653	514,471	4,542,946	3,136,397		
Apples	25,824	25,485	294,454	292,395	2,313,956	1,074,038	11,400	11,500
Peaches	3,783	3,936	22,547	29,769	201,066	113,654	5,960	7,570
Pears	6,919	7,368	50,715	53,777	387,074	192,759	7,340	7,200
Prunes	2,352	2,214	9,945	15,316	107,105	59,449	4,230	6,920
Citrus fruits	5,164	13,613	51,548	90,835	766,581	986,574	9,980	6,680
Small fruits	2,140	3,097	11,432	12,815	345,836	245,685	5,350	4,140
Miscellaneous	6,322	5,875	15,012	19,563	421,328	464,238	2,380	3,330
Miscellaneous	260,658	227,849			10,392,745	8,420,161		
Cotton	163,461	124,331	69,732	47,570	4,915,021	3,573,419	426.6	382.6
Cottonseed			119,724	79,328			732.4	638.0
			Tons	*Tons*			*Tons*	*Tons*
Sugar beets	73,621	77,729	876,735	1,062,242	5,016,671	4,564,350	11.9	13.7
Other crops	23,574	25,789			461,053	282,392		
Duplication	405,706	456,320						

[1] Figures include nonirrigated crops grown on projects (1931—acreage, 57,789 acres; crop value, $432,948; 1932—acreage, 72,560 acres; crop value, $365,410).

Source: Bureau of Reclamation, Department of the Interior.

No. 499.—IRRIGATION: SUMMARY FOR THE 19 IRRIGATION STATES

NOTE.—Tables 499 to 502 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of the management of the enterprises. An enterprise is defined as "an independent irrigation establishment and includes the works for supplying water and the land for which water is supplied, except that the cost and value of the land is not included in the capital invested." Statistics cover the nineteen irrigation States shown in Table 501

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
Excess of area in enterprises [3] over area irrigated—do	17,812	16,699	11,052	
Area in enterprises available, or to be available, for settlement—1,000 acres	[4]	2,258	1,682	−25.5
Value of irrigated farms [land, buildings (including dwellings), and implements and machinery]—1,000 dollars	[2]	[2]	4,886,893	
Average, per acre—dollars			62.38	
Value of irrigated crops harvested—1,000 dollars	[2]	[2]	899,943	
Investment in irrigation enterprises—do	321,454	697,657	1,032,756	48.0
Average per acre, based on area enterprises were capable of supplying with water—dollars	15.85	26.81	39.57	47.6
Estimated final cost of existing enterprises—1,000 dollars	437,949	819,778	1,155,108	40.9
Average per acre, based on area in enterprises [3]—dollars	13.58	22.84	37.75	
Average annual cost, per acre, for maintenance and operation of irrigation works—dollars		2.43	2.77	14.0

[1] A minus sign (−) denotes decrease.
[2] Figures not available.
[3] Total area, 1910 and 1920, irrigable area, 1930.
[4] Not reported.

No. 500.—IRRIGATION: ACREAGE AND INVESTMENT IN ENTERPRISES, BY CHARACTER OF ENTERPRISE, 1920 AND 1930

NOTE.—See headnote, Table 499

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 499 and 500: Bureau of the Census, Department of Commerce.

No. 501.—IRRIGATION: Area in Irrigation Enterprises, 1910, 1920, and 1930, and Investment and Cost of Maintenance and Operation, 1920 and 1930, by States

State	Area in enterprises (acres) [1]			Area enterprises were capable of supplying with water (acres)		Area irrigated (acres)		
	1910	1920	1930	1920	1930	1909	1919	1929
Total	32,245,464	35,890,821	30,599,470	26,020,477	26,101,890	14,433,285	19,191,716	19,547,544
Arizona	944,090	813,153	1,085,627	627,303	824,152	320,051	467,565	575,590
Arkansas	52,883	246,480	225,992	179,013	209,942	27,753	143,946	151,787
California	5,490,360	7,805,207	8,075,895	5,894,466	6,815,250	2,664,104	4,219,040	4,746,632
Colorado	5,917,457	5,220,588	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	2,814,043	3,092,810	2,617,021	1,430,848	2,488,806	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	256,950	442,090	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	2,909	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	183,382	122,510	150,914	109,550	63,248	100,682	67,107
Texas	1,253,173	1,687,447	1,560,876	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	697,667	1,032,758	26.81	39.57	819,778	1,155,108	23.84	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	405,931	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	14,204	15,771	16.76	18.55	7.01	4.09
Montana	52,143	50,319	18.94	22.11	76,079	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	7.02
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	46.03	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. 502.—IRRIGATION: Acreage and Investment in Enterprises, by Drainage Basins, 1920 and 1930

Note.—See headnote, Table 499

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	72,008
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. 503.—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	290,152	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 502 and 503: Bureau of the Census, Department of Commerce.

No. 504.—IRRIGATION: ACREAGE, PRODUCTION, AND VALUE OF IRRIGATED CROPS HARVESTED, 1929

NOTE.—See headnote, 503

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	348,503	do	10,925,296	31.3	8,923,428	25.60
Wheat threshed	1,017,921	do	27,995,376	27.5	28,640,910	28.14
Oats threshed for grain	382,491	do	14,235,956	37.2	7,021,831	18.36
Barley	665,985	do	22,872,825	34.3	14,570,613	21.88
Rye	12,335	do	213,369	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	3,237,789	31.96
Navy and other ripe field beans [3]	365,776	do	8,403,492	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	136,590,352	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 miscl. 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)	262,805	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	14,731,900	[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	1,093,617	[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				172,184,856	[7] 8.45
Oranges	[6] 14,577,568	Box	43,465,133	[7] 3.0	119,738,658	[7] 8.21
Lemons	[6] 2,770,197	do	9,273,473	[7] 3.3	42,974,061	[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	[8] 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	38,540,095	1,894.5	6,305,508	309.88
Strawberries	13,505	do	27,023,843	2,001.0	4,482,194	331.89
Raspberries	4,104	do	7,255,658	1,767.9	1,255,188	305.85
All other small fruits	2,739	do	4,269,594	1,558.8	568,126	207.42

[1] Not including acreage of annual legumes saved for hay which is practically all duplicated in "Other grains and seeds," but including value of leguminous hay.
[2] Includes cowpeas. [3] Includes soy and velvet beans.
[4] Acreage included in totals for "tame hay" and "hay crops" but not in total acreage for all crops.
[5] Not available. [6] Trees of bearing age. [7] Average per tree.
[8] Vines of bearing age. [9] Average production per vine. [10] Average value per vine.
Source: Bureau of the Census, Department of Commerce.

No. 505.—DRAINAGE: SUMMARY FOR THE UNITED STATES

NOTE.—The statistics for drainage on farms in the first part of this table were collected from the individual farmers while those for drainage enterprises were obtained from a special canvass of organized drainage enterprises. A farm may have artificial drainage without being connected with any general enterprise; conversely, a general enterprise may facilitate the ultimate removal of water from a farm which has itself no artificial drainage. Drainage enterprises comprise public corporations and local improvement districts established under State laws relating to drainage, commercial enterprises draining land for sale, other organizations engaged in extensive land drainage work, and tracts of 500 acres or more drained by individual farm owners. The enterprises may include timbered and other unimproved land not yet in farms. The canvass of drainage enterprises did not include any of the northeastern States, and no enterprises were found in Alabama or West Virginia, and in 1919 none also in Virginia.

Item	Census of—		Per cent increase 1920–1930[1]
	1920	1930	
FARMS AND DRAINAGE ON FARMS			
All farms—number	6,448,343	6,288,648	−2.5
Farms reporting drainage—do	924,815	651,172	−29.6
All land in farms—1,000 acres	955,884	986,771	3.2
Farm land provided with drainage—do	53,025	44,524	−16.0
AREA, DRAINS, AND INVESTMENT IN ENTERPRISES			
Approximate land area of 35 States reporting organized drainage enterprises[2]—1,000 acres	1,717,932	1,743,700	1.5
Land in drainage enterprises—do	65,495	84,408	28.9
Improved land—do	44,288	63,514	43.4
Unimproved land:			
Woodland—do	11,284	11,310	0.2
Other—do	9,923	9,584	−3.4
Land unfit to raise any crop for lack of drainage—do	[3] 7,224	7,396	2.4
Land drained, fit to raise normal crop—do	[4]	66,234	
Land partly drained, fit for partial crop—do	[5] 3,011	10,778	257.9
Land in occupied farms—do	[4]	68,640	
Land in planted crops—do	[4]	54,428	
Land idle—do	[4]	20,003	
Ditches, completed—miles	107,468	138,673	29.0
Tile drains, completed—do	42,312	55,032	30.1
Capital invested in enterprises—1,000 dollars	372,274	680,733	82.9
Average, per acre—dollars	5.68	8.06	41.9

[1] A minus sign (−) denotes decrease.
[2] For States included (34 in 1920 and 35 in 1930) see Table 507.
[3] "Swampy, subject to overflow, seeped, or alkali."
[4] Not called for on schedule.
[5] "Suffering a loss of crops from defective drainage."

No. 506.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: BY DATE OF ORGANIZATION AND BY CHARACTER OF ENTERPRISE: 1930

Date of organization	Land	Area of enterprises		Capital invested to Jan. 1, 1930	Character of enterprise	Land in enterprises[1]	Capital	
		Total	Overlapped area				Invested to Jan. 1, 1930	Additional required to complete
	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	9,348
Before 1870	919	1,057	138	1,263	Drainage districts	32,545	357,799	6,781
1870–1879	2,517	3,481	964	11,318	County drains	47,547	287,392	434
1880–1889	6,053	9,549	3,496	28,035	Township drains	194	944	3
1890–1899	5,958	11,265	5,308	32,839	State projects	608	1,449	
1900–1904	7,666	12,381	4,715	34,140	Irrigation enterprises	2,645	23,260	2,074
1905–1909	18,328	23,863	5,535	111,612	Commercial developments	72	3,083	25
1910–1914	16,448	22,332	5,883	125,953	Individual ownership	782	6,579	29
1915–1919	15,803	23,422	7,619	190,583	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 505 and 506: Bureau of the Census, Department of Commerce.

No. 507.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: BY STATES

Division and State	Land in drainage enterprises		Drainage condition in 1920			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	15,440,603	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	40,627	77,479
Missouri	2,596,204	3,150,022	253,251	2,530,097	366,674	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	26,001	614,210	56,947	684,746	567,285	1,461	4,535
Nebraska	607,730	879,459	10,139	826,691	39,639	864,150	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	693,634	587,512	18,847	53,632
Virginia	----------	15,042	----------	13,138	1,904	5,704	4,748	----------	242
North Carolina	542,828	679,236	79,267	438,992	160,977	331,121	267,525	3,623	4,719
South Carolina	140,031	208,249	33,002	139,587	35,660	94,744	61,606	582	1,265
Georgia	65,452	84,255	24,114	46,592	13,549	63,365	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	368,480	585,625	47,302	428,883	109,440	515,101	320,084	1,522	5,358
Tennessee	303,671	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	1,822,920	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	167,529	6,388	152,871	8,370	150,544	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	176,202	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	5,609	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	285,329	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. 508.—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
Total population	23,191,876	62,947,714	75,994,575	91,972,266	105,710,620	[1]114,035,000	122,775,046
Urban		22,298,359	30,380,433	42,166,120	54,304,603	[1] 61,451,000	68,954,823
Rural [2]		40,649,355	45,614,142	49,806,146	51,406,017	[1] 52,584,000	53,820,223
Per cent of total		64.6	60.0	54.2	48.6	46.1	43.8
Farm population [3]					31,614,269	(4)	30,445,350
Per cent of total					29.9	(4)	24.8
Per cent of rural					61.5	(4)	56.6
Number of farms	1,449,073	4,564,641	5,737,372	6,361,502	6,448,343	6,371,640	6,288,648
Acreage in thousands—							
Approximate land area of United States	1,884,376	1,903,338	1,903,462	1,903,290	1,903,215	1,903,217	1,903,217
All land in farms	293,561	623,219	838,592	878,798	955,884	924,319	986,771
Crop land						391,460	413,236
Pasture land						407,959	464,155
Woodland not pastured						67,067	64,624
All other						57,834	44,757
Per cent of total land area represented by all land in farms	15.6	32.7	44.1	46.2	50.2	48.6	51.8
Average acreage per farm, all land	202.6	136.5	146.2	138.1	148.2	145.1	156.9
Value of all farm property (thousands of dollars)	3,967,344	16,082,268	20,439,901	40,991,449	77,923,652	57,017,740	57,245,544
Land and buildings	3,271,575	13,279,253	16,614,647	34,801,126	66,316,003	49,467,647	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] 2,691,704	3,301,654
Livestock	544,181	2,308,768	3,075,478	4,925,174	8,012,876	[3] 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	25.31	24.37	46.64	81.52	61.69	58.01
Land and buildings	11.14	21.31	19.81	39.60	69.38	53.52	48.52
Land			15.57	32.40	57.36	40.81	35.40
Buildings			4.24	7.20	12.02	12.71	13.12
Implements and machinery	.52	.79	.89	1.44	3.76	2.91	3.35
Livestock	1.85	3.70	3.67	5.60	8.38	5.26	6.15

[1] Revised estimates as of Jan. 1, 1925.

[2] For definition of urban and rural population, see headnote, Table 7, p. 6.

[3] The 1930 farm population comprises all persons living on farms without regard to occupation; the 1920 figures include also those farm laborers (and their families) who, while not living on farms, lived outside the limits of any incorporated place. A further difference is due to the fact that the 1920 census was taken in January, while the 1930 census was taken in April, when the number of persons on farms is appreciably larger. For farm population by States see Table 10, p. 8.

[4] Farm population figures were obtained on the farm schedule in the Agricultural Census of 1925, while in 1920 and 1930 they were obtained from the population schedule. Owing to the different method of collecting the information, the 1925 figures are not here presented for comparison with the 1920 and 1930 returns pending a further analysis of the data.

[5] These figures include the value of fences, tile drains, and other incidental improvements on the land, excluding only the value of buildings.

[6] Domestic animals, chickens, and bees.

Source: Bureau of the Census, Department of Commerce.

No. 509.—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	39,008	6,300	6,297	5,426
New Hampshire	29,324	27,053	20,523	21,065	14,905	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	4,063	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	426,147	418,868	357,603	44,360	43,191	40,573
New York	228,720	215,597	193,195	188,754	159,806	22,648	22,030	20,633
New Jersey	34,650	33,487	29,702	29,071	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	1,135,623	1,123,489	1,084,744	1,051,572	966,502	116,341	117,929	117,735
Ohio	276,719	272,045	250,695	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	251,372	237,131	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	129,468	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	982,225	1,111,881	1,158,976	1,108,081	1,058,468	104,298	108,782	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	269,703	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	81,531	78,897
Kentucky	234,667	259,185	270,026	258,524	246,499	21,979	22,189	21,613
Tennessee	224,623	246,012	252,774	252,609	245,857	20,342	20,042	19,511
Alabama	223,220	262,901	256,099	237,631	257,305	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	998,088	1,017,305	1,103,134	176,491	169,150	173,449
Arkansas	178,094	214,678	232,604	221,991	242,334	16,637	17,416	17,457
Louisiana	115,969	120,546	135,403	132,450	161,445	11,059	10,439	10,020
Oklahoma[1]	108,000	190,192	191,988	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	30,307	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	285,587	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	413,236	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.
30,782	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	65.3	74.3	Tex.
131,089	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	239.3	204.3	231.2	25.2	27.6	26.7	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. 510.—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	887,240	1,173,020	1,091,545	1,156,353	382,134	488,126	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	118,200
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	1,661,676	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	3,005,666	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	3,786,061	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	13,536,310	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	4,992,435	2,801,974	6,879,021	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	1,106,097	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	2,695,595	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	583,908
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	2,182,772	4,419,417	2,898,526	3,227,571	1,326,827	2,918,141	1,827,823	1,875,271
Kentucky	773,798	1,511,901	963,569	1,029,613	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	515,661
Alabama	370,138	690,849	500,740	611,301	216,944	415,764	308,664	354,039
Mississippi	426,315	964,752	550,571	692,814	254,002	641,842	347,002	410,599
West South Central	3,338,154	7,622,066	5,696,760	6,863,760	2,716,099	5,408,060	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 [1]	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	3,282,155	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	309,769	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	250,318	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	
11,486,440	11,746,629	12,949,994	7,083,536	3,594,773	2,691,704	3,301,654	8,012,876	4,858,389	6,064,051	U. S.
429,343	491,695	499,741	277,132	92,388	82,334	91,881	163,163	103,564	123,769	N. E.
89,697	99,746	98,059	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	30,136	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	2,064	2,718	4,840	3,462	3,886	R. I.
89,084	110,594	112,673	63,765	13,248	11,616	12,371	23,473	17,282	20,455	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.
631,726	720,145	715,820	366,894	169,867	169,385	173,606	313,555	176,419	222,251	N. Y.
108,141	132,205	146,355	81,067	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	143,878	177,710	Pa.
2,891,568	3,054,655	3,167,238	1,601,716	786,077	567,871	626,208	1,521,644	1,001,458	1,153,010	E. N. C.
646,323	640,607	660,821	365,008	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.
568,969	688,889	745,932	343,122	167,089	146,883	170,279	322,312	226,754	307,805	Wis.
3,129,350	3,227,843	3,515,160	1,734,982	1,162,938	816,333	1,091,603	2,358,601	1,531,954	1,896,299	W. N. C.
550,840	597,142	671,134	315,743	181,088	137,966	181,767	305,164	229,977	301,263	Minn.
922,752	934,632	1,037,526	475,398	309,172	227,282	270,516	613,526	420,349	497,463	Iowa.
468,774	440,561	490,297	281,328	138,261	75,955	94,522	389,839	207,398	258,661	Mo.
209,208	206,381	231,149	109,806	114,187	76,631	118,744	157,035	94,303	116,690	N. D.
241,462	236,273	251,865	119,063	112,408	75,411	107,344	238,568	146,222	180,744	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	364,594	416,375	S. A.
22,640	25,241	31,711	17,370	6,781	5,906	7,285	8,601	7,217	9,045	Del.
126,693	134,087	157,716	88,617	28,970	22,885	25,082	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	121,909	72,631	92,656	Va.
103,474	104,361	119,213	77,776	18,395	15,087	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	176,085	123,550	157,459	579,659	294,147	384,748	E. S. C.
254,400	231,213	276,467	163,758	48,355	30,629	36,547	168,387	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	252,868	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.
102,406	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	420,235	238,756	190,716	129,257	210,944	723,284	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.
69,046	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	87,886	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	228,339	405,237	276,822	346,430	Pac.
122,741	142,504	165,289	93,476	54,721	41,235	50,512	82,316	55,313	63,659	Wash.
88,971	110,927	128,881	72,628	41,567	35,643	42,586	101,779	62,699	82,483	Oreg.
290,756	363,977	443,316	257,043	136,069	113,488	135,741	221,141	158,810	200,288	Calif.

No. 511.—CLASSIFICATION OF FARM LAND: BY STATES, 1930

NOTE.—For total land in farms, see Table 509.

[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	64,824	44,757
New England	4,015	3,659	41	315	6,286	964	3,147	2,155	3,253	749
Maine	1,402	1,304	6	91	1,637	259	879	499	1,302	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	83,432	56,644	1,595	5,193	36,316	14,628	13,548	9,140	4,527	6,616
Ohio	11,259	10,116	227	927	8,038	3,762	1,854	2,421	920	1,287
Indiana	11,722	10,214	348	1,161	5,956	2,810	1,834	1,312	785	1,224
Illinois	21,140	18,958	701	1,480	7,607	4,092	2,010	1,506	732	1,217
Michigan	9,094	7,738	197	1,159	5,892	2,064	2,410	1,418	825	1,308
Wisconsin	10,207	9,618	122	466	8,823	1,900	4,440	2,483	1,265	1,580
West North Central	150,285	133,716	4,058	7,511	96,214	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	15,640	13,176	806	1,665	14,297	7,018	5,282	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	17,356	583	583	15,917	5,707	395	9,815	96	1,455
Nebraska	23,344	21,309	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	34,066	27,520	568	5,979	21,794	7,766	9,067	4,942	24,688	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	160	1,446	8,120	5,395	1,403	1,322	3,394	1,487
Tennessee	7,086	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	398	1,082	14,640	3,249	3,567	7,824	493	1,326
Texas	34,766	30,634	1,303	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	6,339	99,836	591	4,817
Montana	11,399	7,841	789	2,769	31,676	4,695	1,642	25,340	178	1,406
Idaho	4,073	3,150	87	836	4,392	379	736	3,276	124	758
Wyoming	2,293	2,008	96	189	20,837	2,322	468	18,047	48	348
Colorado	8,449	6,750	858	840	19,338	4,215	1,411	13,713	131	958
New Mexico	1,799	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	260
Pacific	18,838	13,115	583	5,139	37,611	4,470	8,053	25,087	1,446	2,631
Washington	6,275	3,669	178	2,428	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	496
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. 512.—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	8,256	5,880	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	6,684	7,880	33.86	40.96	35.54	36.59
New York	6,732	9,879	9,043	10,712	7,376	7,243	8,234	32.13	38.45	33.57	33.38
New Jersey	7,610	10,499	10,484	14,004	8,428	8,848	11,776	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	10,483	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	48.69
Illinois	15,505	28,108	20,514	17,554	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	53.82	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	74.00	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	16,088	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	5,232	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	9,078	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	8,678	7,843	5,212	8,088	7,179	17.84	37.78	70.91	70.20
East South Central	2,094	4,203	2,881	3,039	3,484	2,466	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	21.88	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	28.04
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	5,800	6,222	6,316	4,875	5,263	16.06	31.18	25.31	28.19
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	13.98	12.95
Montana	13,269	17,095	12,257	14,914	13,468	9,709	11,109	16.74	19.73	11.90	9.92
Idaho	9,911	17,008	11,132	12,692	13,811	9,197	10,012	41.63	61.11	38.17	36.40
Wyoming	15,217	21,235	15,497	19,149	14,907	11,132	12,919	10.41	17.86	7.94	7.42
Colorado	10,645	17,966	12,277	13,266	14,449	10,211	10,497	26.81	31.22	20.44	17.69
New Mexico	4,469	10,896	7,457	9,334	7,432	5,520	6,619	8.77	8.04	5.46	5.86
Arizona	8,142	23,418	17,964	17,178	17,276	13,332	12,999	33.97	26.98	11.46	15.28
Utah	6,957	12,130	9,631	10,645	9,499	7,395	8,145	29.28	41.78	31.94	31.06
Nevada	22,462	31,546	25,260	28,236	20,947	17,512	18,626	12.99	25.18	14.43	13.15
Pacific	14,643	22,664	18,686	20,629	19,941	16,926	18,431	43.76	74.21	71.47	67.52
Washington	11,346	15,952	11,239	12,522	13,885	9,921	10,911	44.18	60.22	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. 513.—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	1,438,069	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	149,319	67,105
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	2,697	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	357,803	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	426	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	280,162	301,247	109,222	51,631	5,301	692
Ohio	219,296	24,909	33,734	71,100	63,920	17,790	6,888	791	104
Indiana	181,570	19,603	27,866	52,199	53,155	18,731	8,949	953	114
Illinois	214,497	16,339	21,654	41,578	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	337,864	174,206	202,614	66,644	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	30,787	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	3,038	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	345,887	262,862	157,143	54,079	33,470	9,615	3,069
Delaware	9,707	1,319	2,062	2,815	2,305	776	371	51	8
Maryland	43,203	8,425	7,835	9,521	10,341	4,370	2,252	389	70
Dist. of Columbia	104	66	30	3	1	2	1	1	
Virginia	170,610	33,558	41,361	40,242	31,258	12,443	8,600	2,483	665
West Virginia	82,641	11,304	16,755	23,990	18,049	6,865	4,169	1,113	336
North Carolina	279,708	57,893	97,502	72,673	35,082	9,604	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	26,040	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	558	312
East South Central	1,062,214	229,788	381,738	234,993	140,103	43,313	24,568	5,895	1,616
Kentucky	246,409	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	267,395	38,755	115,123	59,817	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	48,680	98,162	40,921	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	59,950	7,452	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	36,969	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	4,404	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	50,920	34,948	16,378	11,561	4,976	6,969	4,861	5,054

Source: Bureau of the Census, Department of Commerce.

No. 514.—NUMBER AND ACREAGE OF FARMS: BY SIZE, FOR EACH DIVISION

NOTE.—For totals for United States see Tables 513 and 516

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	25,880	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	53,387	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	163,002	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	235,016	205,986	112,675	18,063	12,336
1930	1,103,134	153,202	326,965	244,315	212,422	129,617	21,891	14,722
Mountain:								
1900	101,327	16,366	12,685	11,243	33,963	17,553	4,932	4,585
1920	244,109	22,071	25,392	26,896	45,855	77,982	30,005	15,908
1925	233,392	26,678	26,802	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	3,806	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. 515.—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	1,374,955
100 to 499 acres	2,008,694	2,290,282	2,494,461	2,456,107	2,326,155	2,314,858
100 to 174 acres	----------	1,422,262	1,516,286	1,449,630	1,383,777	1,342,927
175 to 259 acres	----------	490,069	534,191	530,800	503,417	520,593
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**	**4,006,886**	**3,993,539**	**3,909,032**	**3,624,283**
Owners	----------	3,653,323	3,948,722	3,925,090	3,868,332	3,568,394
Owning entire farm	----------	3,201,947	3,354,897	3,366,510	3,313,490	2,911,644
Hiring additional land	----------	451,376	593,825	558,580	554,842	656,750
Managers	----------	59,085	58,164	68,449	40,700	55,889
Tenants, total	**1,294,913**	**2,024,964**	**2,354,676**	**2,454,804**	**2,462,608**	**2,664,365**
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. 516.—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	265,280	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	33,508	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	48,136	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	12,514	13,211	5,299	6,920	2.6	2.6	1.5	1.9
Tenants	156,287	175,755	139,842	150,572	32.7	34.9	40.6	41.9
Cash tenants [3]	41,566	34,597	19,197	23,586	8.7	6.8	5.6	6.6
Other tenants [3]	114,721	141,357	120,645	126,986	24.0	28.1	35.0	35.3
BY COLOR OF FARMER								
All farm land, total	878,798	955,884	924,319	986,771	100.0	100.0	100.0	100.0
White farmers	832,166	910,939	(4)	945,683	94.7	95.3	(4)	95.8
Colored farmers	46,632	44,945	(4)	41,088	5.3	4.7	(4)	4.2
Crop land harvested, total [2]	[2] 478,452	[2] 503,073	344,549	359,242	[2] 100.0	[2] 100.0	100.0	100.0
White farmers	449,418	473,775	(4)	337,481	93.9	94.2	(4)	93.9
Colored farmers	29,033	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. 517.—NUMBER OF FARMS: BY TENURE AND BY STATES

NOTE.—Total number of farms (all tenures combined) in Table 509. Acreage by tenure in Table 518

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	771,376	693,892	13,551	6,606	8,633	304,407	273,090	263,977
Ohio	177,986	181,347	159,840	3,055	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	120,570	1,596	766	1,047	44,138	51,083	57,038
Iowa	121,888	116,444	111,333	2,487	1,650	1,980	89,064	95,396	101,615
Missouri	135,030	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	33,040	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	48,898	47,970
West Virginia	72,101	74,943	66,573	1,090	662	721	14,098	14,775	15,347
North Carolina	151,376	154,805	141,445	928	423	648	117,459	128,254	137,615
South Carolina	67,724	59,969	54,470	738	368	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	15,689	12,621	16,737
East South Central	525,808	497,825	465,348	3,506	1,731	2,888	522,286	506,496	503,978
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	125,320
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	56,826
Montana	50,271	36,281	35,353	899	367	514	6,507	10,256	11,628
Idaho	34,647	30,195	30,512	758	511	603	6,701	9,886	10,559
Wyoming	13,403	12,545	12,195	377	191	296	1,968	2,776	3,520
Colorado	45,291	39,517	38,426	880	585	838	13,763	17,918	20,692
New Mexico	25,756	26,005	24,740	433	256	334	3,655	5,426	6,330
Arizona	7,869	8,179	11,294	305	296	548	1,801	2,327	2,331
Utah	22,579	23,013	23,608	296	90	230	2,787	2,889	3,321
Nevada	2,699	3,463	2,770	168	114	227	296	306	445
Pacific	180,144	215,930	205,615	7,033	3,262	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. 518.—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 509 and 511. 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	638,775	616,336	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	28,464	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	2,098	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	19,587	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	1,285	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	11,768	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	98,542	114,233	12,974	14,047	18,057	13,475	19,100	25,160	16,385	780	6,114
Montana	28,953	25,365	34,145	2,360	1,912	3,015	3,258	5,459	7,499	5,975	186	1,680
Idaho	6,799	6,185	7,050	386	272	438	1,191	1,659	1,859	2,235	83	831
Wyoming	9,360	15,062	18,934	1,466	1,939	2,085	984	1,662	2,506	1,515	87	406
Colorado	18,622	17,387	19,540	1,596	1,285	2,167	4,244	5,496	7,169	4,083	139	2,479
New Mexico	17,854	19,800	21,857	3,863	4,733	5,350	2,093	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. 519.—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	5.0	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	26.1
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	36.9	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	30.3	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	19.0	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	52.9	10.7	15.7
Kentucky	33.9	33.4	32.0	35.9	19.9	21.1	19.8	25.7	30.6	30.4	15.8	23.7
Tennessee	41.1	41.1	41.0	46.2	25.1	28.2	26.5	33.7	40.9	43.1	12.7	20.0
Alabama	60.2	57.9	60.7	64.7	34.2	35.8	38.3	44.5	59.6	61.9	9.7	16.6
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	52.6	52.9	52.2	52.3	26.7	30.1	33.5	37.1	55.5	56.5	11.0	15.7
Arkansas	50.0	51.3	50.7	53.0	27.0	30.3	33.8	42.2	50.9	56.8	10.0	12.6
Louisiana	55.3	57.1	60.1	60.6	25.7	28.6	29.7	39.7	52.3	59.0	11.2	11.9
Oklahoma	54.8	51.0	53.6	51.5	43.1	39.3	45.1	48.3	52.2	53.5	7.2	16.1
Texas	52.6	53.3	50.4	50.9	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	6.5	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	22.3	19.7	20.3	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. 520.—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 509. "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	34,968	96	80
New York	192,645	159,346	550	460	20,590	17,942	43	38
New Jersey	29,167	24,994	535	384	2,256	1,738	26	20
Pennsylvania	201,799	172,056	451	363	17,631	15,288	27	22
East North Central	1,080,267	963,019	4,477	3,483	117,458	110,652	278	239
Ohio	255,079	218,059	1,616	1,237	23,416	21,421	100	93
Indiana	204,554	181,095	572	475	21,027	19,660	37	29
Illinois	236,288	213,603	893	894	31,917	30,037	58	58
Michigan	195,714	168,811	733	561	18,984	17,081	49	38
Wisconsin	188,632	181,451	663	316	22,114	21,853	34	21
West North Central	1,090,032	1,101,648	6,919	11,107	255,461	264,071	1,512	1,417
Minnesota	178,271	185,010	207	245	30,202	30,892	20	21
Iowa	213,330	214,774	109	154	33,466	34,008	9	11
Missouri	260,178	250,079	2,826	5,861	34,584	33,486	190	257
North Dakota	77,147	77,174	543	801	36,028	38,508	187	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	16,298	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	83,083	80,506	109,010	77,425	8,047	7,221	4,380	3,172
Georgia	180,545	168,809	130,187	86,789	18,309	16,974	7,072	5,105
Florida	41,051	47,923	12,954	11,043	5,400	4,512	638	515
East South Central	744,368	741,256	307,232	320,959	66,784	60,886	12,114	11,931
Kentucky	257,998	237,395	12,628	9,104	21,186	19,585	427	342
Tennessee	214,592	210,519	38,182	35,138	17,987	16,646	1,524	1,357
Alabama	160,896	163,566	95,203	93,829	15,229	13,396	4,348	4,159
Mississippi	110,882	129,775	161,219	182,888	12,382	11,259	5,815	6,073
West South Central	784,238	840,785	231,850	262,349	163,469	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	173,253	180,929	18,725	22,937	30,239	31,825	1,713	1,906
Texas	357,249	409,426	78,784	86,063	109,561	120,260	4,459	4,447
Mountain	238,662	230,891	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	254,229	5,325	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. 521.—NUMBER OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

NOTE.—See headnote Table 520

	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	10,789	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	10,506	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	6,104	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	10,495	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	30,248	27,696

Source: Bureau of the Census, Department of Commerce.

No. 522.—ACREAGE OF FARMS IN THE SOUTH: BY COLOR AND TENURE OF OPERATOR, 1930

[All figures in thousands of acres. See headnote Table 520]

	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	840	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	30,381	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	31,344	22,417	60,811	15,350	8,478	36,983
Colored	11,216	2,822	876	107	7,411	598	3,231	3,582
Arkansas—								
White	13,565	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. 523.—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 510, p. 538

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	8,306	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	13,998
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	7,195	7,444	13,709	15,683	8,309	8,292	9,911	10,278
Pacific	13,246	13,778	26,486	29,474	15,401	16,083	23,986	24,049
	Average value of implements and machinery per farm (dollars)							
United States	447	544	694	961	404	478	293	349
New England	487	682	960	1,255	375	570	566	741
Middle Atlantic	746	921	1,220	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. 524.—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	49,875
Maine	45,437	47,984	36,748	30,665	22,535	13,023	11,925	11,933
New Hampshire	18,604	19,895	13,755	11,992	7,704	5,389	4,716	4,925
Vermont	25,121	24,889	22,009	12,132	9,945	12,225	10,850	11,034
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	179,326	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	328,313	305,048	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	78,768	70,853	68,973
Wisconsin	159,610	162,052	146,987	57,773	55,509	94,258	90,619	86,680
West North Central	711,156	685,797	661,115	278,908	271,396	368,158	350,991	361,596
Minnesota	132,744	130,382	126,570	54,080	53,830	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	40,079	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	6,016	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	525,308	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	165,308
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	86,279
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. 525.—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	4,060,176
New England	49,456	47,817	45,780	271,163	272,769	323,653	91,756	109,361	117,387
Maine	12,345	11,632	11,198	58,427	59,644	66,734	18,592	24,619	22,539
New Hampshire	4,951	4,591	4,543	20,274	18,264	22,706	6,821	7,209	8,200
Vermont	11,504	10,431	10,884	61,071	51,883	61,755	23,576	24,057	26,376
Massachusetts	11,663	11,660	11,025	70,745	76,362	94,302	23,412	28,402	34,060
Rhode Island	*856*	*869*	*892*	*4,865*	*5,135*	*7,992*	*1,494*	*1,971*	*2,855*
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	950,569
Ohio	43,068	41,110	45,628	387,188	307,622	333,723	121,121	134,738	143,090
Indiana	40,416	35,734	41,210	439,153	300,320	278,866	105,256	119,621	112,185
Illinois	36,663	31,354	32,226	775,396	535,833	454,764	197,212	218,544	199,229
Michigan	67,119	60,707	55,063	420,108	351,799	330,407	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	216,463	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	23,980	23,631	22,713	705,561	512,906	444,850	108,508	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	35,624
Florida	7,308	8,356	8,437	50,581	70,877	79,857	12,910	18,279	21,607
East S. Central	109,619	103,782	120,346	570,595	482,813	486,077	178,102	202,449	186,664
Kentucky	35,531	29,782	31,471	230,557	150,923	163,603	67,116	65,403	62,778
Tennessee	27,496	26,770	27,673	159,001	131,288	129,553	49,836	53,890	49,750
Alabama	24,748	23,059	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	131,560	117,523	122,321	1,134,348	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*	*60,032*
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	643,823	559,443	283,424	234,899	206,919
Montana	21,244	11,754	9,612	240,550	95,174	92,096	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	1,132,843	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. 526.—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	3,636,403	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	1,093,104	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. 527.—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	968,502	1,112,755
Kind of road located on:					
Concrete	202,594	3,185	35,395	60,022	20,704
Brick	13,180	7	1,714	8,372	1,136
Asphalt	72,011	1,892	4,743	5,859	1,115
Macadam	306,397	18,894	64,821	91,538	7,290
Gravel	1,279,113	31,460	35,833	395,149	209,730
Sand-clay	156,531	456	1,257	4,915	5,102
Improved dirt	1,638,954	18,449	38,679	131,642	423,792
Unimproved dirt	2,279,989	45,588	160,903	231,416	401,660
All other (including not reported)	339,879	4,994	14,258	37,589	42,226

Kind of road	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total number of farms	1,058,488	1,082,314	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	249,802	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	457,686	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. 528.—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	12.0	12,920	33.1	26,227	23,015	59.0
New Hampshire	9,313	62.5	10,995	73.8	3,867	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	56.0	211,272	21.9	92,489	9.6	202,656	21.0	676,667	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	133,505	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	94,103	8.5	146,969	13.2	1,075,578	920,814	82.8
Minnesota	114,693	61.9	23,124	12.5	11,183	6.0	23,342	12.0	185,717	159,372	86.0
Iowa	180,870	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	176,466	164,087	64.1
North Dakota	31,878	40.9	5,844	7.5	2,537	3.3	6,192	7.9	78,798	67,496	86.6
South Dakota	44,608	53.6	12,089	14.5	4,657	5.6	9,070	10.9	81,923	71,965	86.5
Nebraska	93,888	72.5	38,357	29.6	17,817	13.8	21,380	16.5	141,144	118,860	91.8
Kansas	120,890	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	41,364	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	6,178	14.3	9,145	21.2	37,972	30,519	70.6
Dist. of Col	69	66.3	48	46.2	43	41.3	67	64.4	60	45	43.3
Virginia	30,418	17.8	15,291	9.0	10,032	5.9	13,009	7.6	88,463	80,296	47.1
West Virginia	28,117	34.0	9,650	11.7	3,848	4.7	5,330	6.4	36,978	33,434	40.5
North Carolina	19,862	7.1	9,308	3.3	5,351	1.9	15,006	5.4	132,876	125,196	44.8
South Carolina	6,357	4.0	5,176	3.3	3,757	2.4	6,067	3.8	61,754	59,029	37.4
Georgia	14,771	5.8	7,877	3.1	4,959	1.9	7,499	2.9	88,479	85,276	33.4
Florida	3,525	6.0	7,559	12.8	6,158	10.4	6,489	11.0	26,387	24,161	41.0
East South Central	142,204	13.4	27,171	2.6	17,316	1.6	31,952	3.0	335,003	320,640	30.2
Kentucky	61,631	25.0	8,378	3.4	5,128	2.1	10,601	4.3	86,784	82,034	33.3
Tennessee	45,205	18.4	8,018	3.3	4,903	2.0	10,010	4.1	89,022	84,067	34.2
Alabama	19,510	7.6	5,182	2.0	3,194	1.2	6,469	2.5	73,534	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	23,877	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	10,551	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	20.7	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	6,846	4,266	16.7	5,283	4,328	16.9	Mass
1,701	1,366	41.1	589	516	15.5	1,181	646	19.4	707	544	16.4	R.I.
6,344	5,425	31.5	2,667	2,463	14.3	4,043	2,514	14.6	5,462	4,494	26.1	Conn.
120,789	109,756	30.7	81,970	76,719	21.5	48,682	32,311	9.0	131,099	103,864	29.0	M.A.
58,974	54,084	33.8	40,369	37,790	23.5	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	55,368	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	28.5	78,008	49,972	4.5	422,474	350,995	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.
32,609	31,874	14.8	66,258	63,166	29.4	27,801	17,277	8.0	114,977	94,772	44.1	Iowa.
20,132	19,215	7.5	24,999	23,673	9.2	4,949	3,580	1.4	31,718	27,477	10.7	Mo.
16,990	16,502	21.2	37,605	34,148	43.8	4,878	3,203	4.1	44,165	35,226	45.2	N.D.
14,816	14,485	17.4	33,837	30,972	37.2	4,686	3,283	3.9	34,475	29,765	35.8	S.D.
26,045	25,176	19.4	40,729	37,955	29.3	8,303	5,807	4.5	45,902	41,945	32.4	Nebr.
33,648	32,009	19.3	66,275	59,075	35.6	7,463	5,101	3.1	38,861	34,428	20.7	Kans.
94,946	88,019	8.3	47,376	43,983	4.2	16,083	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	3,669	2,557	5.9	9,330	7,832	18.1	Md.
81	57	54.8	17	15	14.4	8	7	6.7	10	8	7.7	D.C.
19,459	17,964	10.5	9,757	9,142	5.4	3,632	2,427	1.4	10,298	8,959	5.3	Va.
7,432	6,936	8.4	2,702	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.
98,791	92,300	8.4	74,010	63,177	5.7	9,862	7,305	.7	35,706	30,071	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.
9,281	8,709	5.4	5,016	3,810	2.4	633	510	.3	2,639	2,072	1.3	La.
23,930	23,039	11.3	25,962	23,328	11.4	2,418	1,688	.8	9,363	8,499	4.2	Okla.
52,580	49,966	10.1	37,348	31,776	6.4	5,351	4,051	.8	18,974	16,189	3.3	Tex.
55,742	52,488	21.8	48,007	43,171	17.9	17,551	11,751	4.9	46,133	38,671	16.0	Mt.
14,615	13,783	29.0	19,031	17,093	36.0	1,708	1,088	2.3	13,639	11,588	24.4	Mont.
6,281	5,986	14.4	4,691	4,377	10.5	6,713	4,406	10.6	10,024	8,252	19.8	Idaho.
4,108	3,820	23.9	4,110	3,749	23.4	481	315	2.0	3,424	2,929	18.3	Wyo.
16,918	16,052	20.8	13,334	12,029	20.1	3,209	2,289	3.8	11,470	9,970	16.6	Colo.
5,328	5,024	16.0	2,407	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	55,314	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. 529.—FARM EXPENDITURES FOR

[Amounts in thou-

Division and State	Feed			Fertilizer					
							Commercial fertilizer		
	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Tons bought
United States	3,283,400	52.2	919,190	2,324,090	37.0	271,059	2,239,546	35.6	7,585,022
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	21,000	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	350,739	36.3	29,384	313,594	33.0	773,057
Ohio	140,122	63.9	32,604	131,372	59.9	11,028	120,486	59.0	330,444
Indiana	113,734	62.6	26,135	83,006	45.7	7,054	81,679	45.0	206,144
Illinois	143,337	66.8	35,973	30,639	14.3	3,594	15,143	7.1	53,800
Michigan	107,275	63.3	21,051	72,128	42.6	5,474	66,550	39.3	140,083
Wisconsin	137,954	75.9	31,087	33,644	18.5	2,134	25,736	14.2	42,586
West North Central	678,628	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	107,613	65.5	47,253	35,762	14.0	2,031	32,564	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
South Atlantic	427,520	40.4	63,893	813,149	76.8	119,239	808,199	76.4	3,707,305
Delaware	7,417	76.4	3,685	7,550	77.8	1,301	7,525	77.5	42,736
Maryland	32,070	74.2	10,613	33,697	78.0	5,526	33,676	77.9	180,363
Dist. of Columbia	84	80.8	117	73	70.2	18	72	69.2	305
Virginia	81,507	47.8	12,640	110,588	64.8	11,781	108,162	63.4	388,937
West Virginia	44,942	54.4	5,094	30,320	36.7	1,161	30,208	36.6	46,656
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	130,234	88.2	22,080	138,976	88.0	708,470
Georgia	77,050	30.1	8,358	217,456	85.1	27,533	216,633	84.8	860,602
Florida	22,457	38.1	8,097	39,805	67.5	15,153	39,480	67.0	372,473
East South Central	390,887	36.8	43,041	530,273	49.9	40,094	529,175	49.8	1,185,827
Kentucky	105,486	42.8	12,506	74,112	30.1	2,599	73,822	29.9	92,823
Tennessee	104,476	42.5	10,810	96,794	39.4	4,110	96,613	39.3	138,600
Alabama	88,111	34.2	8,229	208,058	80.8	21,830	207,677	80.7	646,707
Mississippi	92,814	29.7	11,496	151,309	48.4	11,555	151,063	48.3	307,697
West South Central	454,367	41.2	75,221	221,100	20.0	15,719	219,773	19.9	431,855
Arkansas	110,676	45.7	12,407	73,686	30.4	4,607	73,314	30.3	127,293
Louisiana	69,055	36.6	7,872	66,541	41.2	5,229	66,333	41.1	143,657
Oklahoma	93,234	45.7	17,138	4,440	2.2	252	4,171	2.0	7,895
Texas	191,402	38.6	37,804	76,433	15.4	5,631	75,955	15.3	153,010
Mountain	117,397	48.6	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	41,828	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]			
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	Division and State
2,631,601	41.3	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	16,357	40,420	32.4	17,608	45,522	36.4	2,986	New Eng.
22,795	58.4	9,043	3,091	12,140	31.1	5,384	10,938	28.0	498	Me.
8,849	59.4	3,980	1,410	4,209	28.2	1,700	5,014	33.6	307	N. H.
15,364	61.7	5,495	2,431	8,413	33.8	3,084	6,403	25.7	331	Vt.
15,247	59.6	17,288	5,138	8,775	34.3	4,135	13,821	54.0	1,061	Mass.
1,885	56.7	2,277	721	1,139	34.3	551	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	78,337	481,100	43.2	246,386	72,093	6.5	4,569	W. N. C.
105,057	56.7	27,527	13,204	87,672	47.3	35,115	12,413	6.7	855	Minn.
122,609	57.1	39,681	17,609	108,280	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	4.0	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	10,005	77,282	46.5	55,113	10,305	6.2	594	Kans.
367,186	34.7	91,880	57,253	222,033	21.0	37,512	37,416	3.5	2,241	S. Atl.
5,285	54.4	2,518	1,090	3,423	35.3	1,354	1,027	10.6	89	Del.
25,454	58.9	12,866	5,966	13,407	31.0	5,128	6,226	14.4	446	Md.
70	57.3	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.
88,837	31.8	11,574	7,858	48,125	17.2	6,705	8,774	3.1	403	N. C.
49,180	31.1	9,003	8,656	35,082	22.2	3,589	3,039	1.9	145	S. C.
78,998	30.9	13,992	12,202	67,806	26.5	5,898	3,591	1.4	207	Ga.
27,977	47.4	17,724	8,467	10,953	18.6	3,474	4,131	7.0	324	Fla.
250,148	23.5	33,775	23,532	158,151	14.9	24,724	16,776	1.8	1,081	E. S. C.
70,788	28.7	11,489	6,901	26,550	10.8	6,155	5,803	2.4	323	Ky.
71,184	29.0	8,661	6,278	36,009	14.7	6,575	6,720	2.7	337	Tenn.
60,365	23.5	7,073	5,746	60,208	23.4	5,569	3,839	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	2,689	1.1	309	Ark.
35,919	22.2	13,081	8,883	23,704	14.7	4,361	1,949	1.2	241	La.
90,606	44.4	22,245	10,025	53,682	26.3	24,462	3,942	1.9	268	Okla.
202,287	40.8	65,661	33,447	97,956	19.8	39,937	9,954	2.0	862	Tex.
132,285	54.8	85,897	31,242	88,578	36.7	56,908	39,160	16.2	2,789	Mountain.
27,421	57.7	16,371	5,754	20,812	43.8	17,442	1,983	4.2	158	Mont.
25,475	61.1	12,700	4,088	17,336	41.6	9,698	10,731	25.7	671	Idaho.
8,481	53.0	8,605	3,199	6,873	42.9	4,727	454	2.8	47	Wyo.
35,016	58.4	21,550	7,756	22,834	38.1	13,700	6,548	10.9	423	Colo.
12,483	39.7	6,556	3,254	6,960	22.2	3,750	1,102	3.5	117	N. Mex.
6,158	43.4	10,389	3,946	3,565	25.2	2,832	3,070	21.7	773	Ariz.
15,127	55.7	6,059	1,974	8,864	32.6	3,877	14,462	53.2	544	Utah.
2,124	61.7	3,661	1,271	1,334	38.8	882	810	23.5	56	Nev.
163,065	62.3	177,573	51,294	76,848	29.4	53,567	122,926	47.0	18,081	Pacific.
40,990	57.8	29,158	8,454	21,229	29.9	12,842	29,070	41.0	1,846	Wash.
31,583	57.3	18,257	6,185	17,107	31.0	9,907	14,991	27.2	796	Oreg.
90,492	66.7	130,158	36,655	38,512	28.4	30,818	78,865	58.1	15,439	Calif.

Source: Bureau of the Census, Department of Commerce.

No. 530.—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	65.05	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	14.09	62	1923	33.09	46.74	39.54	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					

Basis of rate and division	1931				1932				1933	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
PER MONTH, WITH BOARD										
United States	$26.08	$25.99	$25.35	$23.31	$19.77	$19.19	$16.00	$17.29	$14.77	$14.67
North Atlantic States	36.59	36.22	36.13	34.50	29.13	28.44	26.42	25.23	21.72	20.84
North Central States	28.56	31.28	30.05	27.33	21.46	22.27	20.96	19.59	15.25	16.10
South Atlantic States	19.53	17.50	17.58	16.07	14.43	13.38	12.30	12.19	11.16	10.62
South Central States	19.34	17.88	17.88	16.40	14.76	13.37	12.65	12.75	11.71	11.29
Western States	42.65	43.07	40.17	36.95	32.39	31.18	29.40	27.35	23.66	23.32
PER MONTH, WITHOUT BOARD										
United States	39.04	38.37	37.00	34.22	30.53	29.13	27.10	26.36	23.62	22.98
North Atlantic States	58.65	56.86	55.47	54.34	48.80	45.88	43.24	41.94	38.17	36.24
North Central States	42.29	43.96	41.73	38.51	32.70	32.41	30.38	28.98	24.88	24.81
South Atlantic States	28.93	26.44	26.17	23.88	21.80	20.04	18.59	18.45	17.09	16.37
South Central States	28.69	26.64	25.99	23.78	21.90	20.24	18.54	18.85	17.62	16.98
Western States	63.75	65.02	61.84	55.83	51.45	49.68	46.01	43.26	38.00	37.05
PER DAY, WITH BOARD										
United States	1.38	1.33	1.28	1.18	1.02	.97	.89	.87	.76	.75
North Atlantic States	2.19	2.11	2.09	2.00	1.70	1.60	1.51	1.40	1.22	1.20
North Central States	1.62	1.61	1.53	1.39	1.14	1.12	1.05	1.00	.85	.85
South Atlantic States	1.00	.90	.91	.82	.74	.68	.62	.62	.56	.54
South Central States	.95	.89	.88	.80	.72	.67	.61	.61	.57	.55
Western States	1.98	1.96	1.81	1.69	1.48	1.41	1.28	1.24	1.06	1.07
PER DAY, WITHOUT BOARD										
United States	1.87	1.80	1.73	1.59	1.40	1.35	1.23	1.19	1.06	1.05
North Atlantic States	2.99	2.86	2.82	2.70	2.37	2.27	2.13	2.00	1.79	1.72
North Central States	2.21	2.19	2.07	1.88	1.59	1.57	1.43	1.36	1.18	1.19
South Atlantic States	1.37	1.23	1.20	1.08	1.02	.91	.84	.84	.78	.75
South Central States	1.25	1.16	1.15	1.07	.96	.90	.80	.82	.76	.75
Western States	2.75	2.73	2.50	2.32	2.12	2.06	1.85	1.75	1.57	1.54

Source: Bureau of Agricultural Economics Department of Agriculture.

No. 531.—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 1930 and 1931 have been revised and differ from those previously published

[In tons of 2,000 pounds]

Division and State	1925	1926	1927	1928	1929	1930	1931	1932 (prel.)
United States	7,333,166	7,328,268	6,843,199	7,985,019	8,078,548	8,163,870	6,306,082	4,361,795
New England	360,656	316,700	363,147	365,119	357,465	366,840	362,594	316,218
Maine	[1] 185,000	147,000	183,750	[2] 178,750	185,650	195,650	195,000	175,000
New Hampshire [3]	[1] 16,000	[1] 14,680	[1] 16,875	[1] 16,900	[4] 11,500	[1] 11,500	[1] 10,500	[1] 10,998
Vermont	[1] 18,000	[1] 18,000	15,663	16,911	14,905	16,069	15,031	11,767
Massachusetts [3]	62,656	58,920	71,734	70,458	[4] 68,611	66,621	65,063	61,953
Rhode Island [2 5]	9,000	8,100	10,125	10,100	[4] 7,909	8,000	7,000	6,500
Connecticut	[1] 70,000	[1] 70,000	[1] 65,000	[1] 72,000	[4] 68,890	[1] 69,000	[1] 70,000	[1] 50,000
Middle Atlantic	728,148	698,045	728,149	743,558	798,433	778,160	697,927	607,500
New York	253,000	234,000	260,000	[2] 260,000	[4] 287,959	[2] 288,000	[2] 260,000	[2] 235,000
New Jersey [6]	146,686	135,141	141,635	143,574	[4] 162,351	156,445	150,800	137,500
Pennsylvania	328,462	328,904	326,514	339,984	[4] 348,113	333,715	287,127	235,000
East North Central	694,517	679,001	718,948	755,711	830,402	788,274	598,468	379,143
Ohio	321,960	304,480	312,703	320,866	338,662	327,179	249,305	173,000
Indiana [3]	226,148	228,280	240,498	221,082	250,201	224,055	166,005	80,384
Illinois	24,582	25,227	[2] 26,000	30,509	38,056	40,818	31,959	11,818
Michigan	109,327	105,014	117,227	[2] 150,213	[2] 152,812	[2] 145,000	[2] 105,589	[2] 82,428
Wisconsin	12,500	16,000	22,520	33,041	40,671	51,222	45,610	26,513
West North Central	83,952	82,874	83,574	99,566	107,638	109,714	93,275	49,024
Minnesota	[2] 9,000	11,316	11,387	14,211	[4] 15,803	16,254	17,698	9,320
Iowa	[1] 6,000	[7] 6,021	[7] 7,181	[1] 10,000	[4] 21,177	[1] 24,597	[1] 22,000	[1] 10,000
Missouri [3]	63,930	56,891	56,100	64,922	58,892	59,810	48,944	26,427
North Dakota	[2] 225	250	308	[2] 450	[4] 958	[1] 1,548	[1] 1,000	[1] 432
South Dakota	[2] 150	[2] 150	[2] 200	[2] 220	[4] 133	[2] 150	[2] 150	[2] 100
Nebraska	[2] 500	[2] 500	[2] 500	[2] 600	[4] 732	[2] 1,000	[2] 500	[2] 200
Kansas	[1] 4,138	7,746	[2] 7,800	9,162	[8] 9,943	[8] 6,355	[8] 2,983	[8] 2,545
South Atlantic	3,927,484	3,921,678	3,686,528	4,191,219	4,048,417	4,122,695	3,309,019	2,353,563
Delaware	41,006	43,084	41,126	40,817	[4] 42,736	43,000	36,361	33,000
Maryland	165,474	163,285	165,174	173,159	[4] 180,363	177,021	146,139	125,000
Virginia [3]	451,656	435,223	408,008	437,709	429,886	449,178	379,269	279,904
West Virginia	[2] 41,000	[2] 43,000	[2] 43,500	[2] 49,700	[4] 45,656	[2] 45,000	[2] 40,000	[2] 35,000
North Carolina [3]	1,217,822	1,218,176	1,171,499	1,349,360	1,293,572	1,242,036	1,003,406	696,197
South Carolina [3]	873,255	840,128	726,736	788,293	760,069	749,230	598,866	446,027
Georgia [3]	778,808	780,302	713,047	883,274	868,911	928,606	686,191	357,287
Florida [3]	358,463	398,480	417,438	468,907	427,224	488,624	418,787	381,178
East South Central	1,091,317	1,141,275	880,123	1,255,676	1,239,001	1,325,989	841,684	408,102
Kentucky	93,000	91,500	70,500	90,500	93,000	[8] 113,992	[8] 105,192	[8] 55,220
Tennessee [3]	142,174	156,336	112,473	150,726	142,745	163,909	119,156	62,956
Alabama [3]	598,115	615,364	478,400	681,100	675,450	644,350	419,950	205,400
Mississippi [3]	258,028	278,075	218,750	333,350	327,806	403,718	197,386	84,526
West South Central	340,179	371,090	253,137	422,930	532,415	485,039	228,396	103,834
Arkansas [3]	123,387	126,175	75,487	126,391	156,582	157,648	62,096	17,348
Louisiana [3]	110,784	114,347	92,866	143,693	174,278	175,560	94,359	49,376
Oklahoma	[1 9] 5,000	[1 9] 5,418	[1 9] 4,263	[8] 8,203	[8] 9,422	[8] 6,613	[8] 7,089	[8] 2,925
Texas [3]	101,008	125,150	80,521	144,643	192,133	145,218	64,852	34,185
Mountain	2,980	3,553	3,833	4,558	10,272	10,690	13,870	10,021
Montana		[2] 50	[1] 90	[2] 100	[4] 248	[2] 250	[2] 1,100	[2] 500
Idaho [3]	[1] 400	[1] 420	[2] 450	[2] 500	[4] 2,091	[2] 2,100	[2] 1,000	[2] 1,500
Wyoming	[2] 100	[2] 150	[2] 200	[2] 300	[4] 353	[2] 350	[2] 700	[2] 650
Colorado	[2] 250	337	607	[1] 728	[4] 1,175	[1] 1,200	[1] 3,875	[1] 1,700
New Mexico	[2] 1,200	1,556	1,256	[2] 1,400	[4] 2,339	[2] 2,400	[2] 1,045	[2] 621
Arizona	[2] 500	[2] 500	[1] 700	[1] 1,000	[4] 3,704	[4] 4,000	[1] 2,100	[1] 2,000
Utah	[1] 500	[1] 500	[2] 500	[2] 500	[4] 264	[2] 300	[2] 4,000	[2] 3,000
Nevada	[2] 30	[2] 30	[2] 30	[2] 30	[5] 93	[2] 90	[2] 50	[2] 50
Pacific	103,933	114,052	125,768	146,683	164,505	176,489	160,849	134,390
Washington	[2] 10,000	12,207	14,244	[2] 15,500	[4] 21,561	[2] 21,500	[2] 17,500	[2] 9,000
Oregon	[1] 8,000	[2] 8,000	[2] 9,000	[1] 10,000	[4] 12,467	[1] 12,500	[1] 11,000	[1] 10,000
California	85,933	93,845	102,524	121,183	130,477	142,489	132,349	115,390

[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. 532.—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	$0.73	1.27
New England	107,300	98,741	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	4,895,181	62,806	53,600	.74	1.09
Minnesota	97,878	91,558	93.6	12,423	927,764	13,242	11,707	.94	1.26
Iowa	85,272	75,189	88.2	10,607	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	5,428	262,893	4,014	3,354	.62	1.28
Nebraska	43,301	40,134	92.7	10,966	723,593	7,515	6,118	.56	.85
Kansas	57,151	52,828	92.4	10,730	605,157	9,672	7,886	.73	1.30
South Atlantic	467,100	410,389	87.9	39,849	1,834,644	24,787	19,939	.50	1.08
Delaware	5,816	5,019	86.3	381	31,952	269	238	.63	.75
Maryland	28,333	22,765	80.3	1,932	162,729	2,149	1,873	.97	1.15
Dist. of Col	53	53	100.0	1	1,527	15	14	21.18	.90
Virginia	104,956	97,440	92.8	9,994	519,918	4,694	3,546	.35	.68
West Virginia	60,581	55,553	91.7	5,873	227,978	3,859	2,965	.50	1.30
North Carolina	115,765	103,964	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	76,596	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	46,393	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	99,463	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	3,703	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	25,827	22,888	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. 533.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: BY STATES, 1924 AND 1929

NOTE.—For total number of all farms (base for percentages) see Table 509

Division and State	Number of farms reporting sales			Number of farms reporting purchases			Value of farm products sold		Value of supplies purchased	
	1924	1929	Per cent of all farms, 1929	1924	1929	Per cent of all farms, 1929	1924	1929	1924	1929
							Thousands of dollars			
United States	**884,207**	**691,895**	**11.0**	**362,745**	**410,914**	**6.5**	**858,284**	**892,481**	**75,971**	**125,049**
New England	10,845	9,170	7.3	10,787	10,897	8.7	20,745	21,068	5,709	8,802
Maine	2,655	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	30,358	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	1,890	7.5	2,309	5,272	957	1,785
Pennsylvania	11,308	11,303	6.6	10,601	9,024	5.2	10,020	14,272	2,492	3,678
East North Central	205,409	170,992	17.7	103,199	115,368	11.9	145,068	150,849	15,688	24,449
Ohio	30,995	31,067	14.2	24,711	26,736	12.2	27,991	26,103	3,590	6,168
Indiana	28,550	20,461	11.3	14,558	18,742	10.3	17,213	16,087	1,774	3,464
Illinois	52,606	41,857	19.5	17,471	16,861	7.9	52,828	48,934	2,979	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	79,801	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	15,008	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	90,379	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
Maryland	6,121	4,533	10.5	3,817	3,383	7.8	7,298	6,926	910	1,178
Virginia	27,560	4,394	2.6	5,768	3,947	2.3	20,912	8,792	1,256	1,475
West Virginia	3,106	1,652	2.0	2,769	2,268	2.7	919	1,207	320	389
North Carolina	22,167	4,606	1.6	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
Alabama	11,365	7,270	2.8	7,640	7,682	3.0	7,029	3,864	1,021	1,360
Mississippi	10,701	4,055	1.3	5,855	4,134	1.3	8,101	5,621	721	508
West South Central	67,715	42,292	3.8	17,720	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	4,303	6,929	4.3	8,604	7,075	782	1,365
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	4,530	3,700	.7	39,147	14,459	794	1,208
Mountain	24,581	26,347	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	681	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	9,985	24,763
Washington	13,205	15,737	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. 534.—FARMERS' BUSINESS ASSOCIATIONS: NUMBER OF ASSOCIATIONS LISTED AND ESTIMATED MEMBERSHIP AND BUSINESS, BY STATES AND COMMODITY GROUPS

NOTE.—Business in thousands of dollars. Estimates are based on reports received from association officers. Membership includes shareholders, contract members, shippers, consignors, and patrons. Business includes the f. o. b. value at shipping point of farm products sold by the associations, the sales value of farm supplies sold to members, and the revenue derived by associations rendering services such as ginning cotton, warehousing tobacco, storing wheat, etc.

Division and State	Associations			Estimated membership			Estimated business		
	1925	1931	1932	1925	1931	1932	1924–25	1930–31	1931–32
United States	10,803	11,950	11,900	2,700,000	3,000,000	3,200,000	2,400,000	2,400,000	1,925,000
New England	259	208	203	75,000	87,900	85,340	95,170	90,870	77,108
Maine	82	51	48	14,400	9,160	6,370	12,460	5,030	2,747
New Hampshire	14	14	13	2,600	2,750	2,530	3,280	2,600	2,620
Vermont	61	46	47	8,200	7,800	8,140	11,040	11,610	10,140
Massachusetts	48	50	47	39,200	61,320	61,100	39,130	55,770	47,991
Rhode Island	7	5	5	400	440	380	1,300	770	460
Connecticut	47	42	43	10,200	6,730	6,820	18,010	15,090	13,150
Middle Atlantic	522	478	482	180,000	190,130	207,190	153,080	244,080	203,800
New York	286	260	258	100,000	115,660	131,570	103,760	181,390	147,010
New Jersey	20	44	54	6,000	8,630	14,270	5,930	8,790	7,900
Pennsylvania	216	174	170	54,000	65,840	61,350	43,390	53,900	48,890
East North Central	3,075	3,301	3,276	575,000	774,010	821,930	558,270	523,670	422,259
Ohio	395	361	354	115,300	133,390	149,070	107,340	90,030	72,695
Indiana	330	332	315	80,300	105,340	124,060	60,440	48,770	44,095
Illinois	822	955	954	131,000	236,650	242,850	195,210	192,220	151,946
Michigan	436	393	393	128,300	126,000	133,000	82,200	75,070	61,358
Wisconsin	1,092	1,260	1,260	120,100	166,630	172,950	113,080	117,580	92,165
West North Central	4,825	5,265	5,238	850,000	1,191,550	1,219,250	836,630	780,470	595,496
Minnesota	1,383	1,533	1,539	217,400	299,580	328,440	223,980	193,980	155,160
Iowa	1,094	1,159	1,150	179,800	261,860	271,480	172,710	186,030	150,177
Missouri	537	645	623	170,600	176,200	188,190	83,490	94,580	79,709
North Dakota	460	536	545	60,300	101,890	75,310	91,280	66,050	32,503
South Dakota	397	380	376	65,000	91,090	92,430	74,080	56,760	38,062
Nebraska	488	529	533	74,100	176,840	173,490	91,930	95,660	73,415
Kansas	406	483	472	82,800	84,090	89,910	99,160	87,410	66,470
South Atlantic	386	472	479	280,000	134,590	154,780	152,325	119,070	94,548
Delaware	12	4	4	1,200	100	100	960	100	50
Maryland	16	47	47	12,600	25,690	19,580	12,200	19,000	17,217
Dist. of Columbia	1	1	1	1,000	1,250	1,200	2,300	5,450	6,540
Virginia	96	78	79	25,700	26,350	38,440	21,615	19,440	15,437
West Virginia	42	50	46	6,100	8,120	17,030	2,820	3,690	8,230
North Carolina	50	62	80	139,900	22,790	27,190	43,380	13,770	7,590
South Carolina	18	26	21	16,600	12,690	12,250	18,130	12,980	6,288
Georgia	46	67	61	67,900	25,620	25,460	16,210	15,670	4,272
Florida	104	137	140	9,000	11,980	12,630	34,710	28,970	28,830
East South Central	277	309	311	295,000	145,450	194,020	117,270	60,380	58,349
Kentucky	56	55	56	194,700	32,600	30,330	58,650	6,260	8,191
Tennessee	111	109	108	32,600	29,030	56,460	9,560	12,050	15,767
Alabama	63	85	84	38,300	53,060	58,090	16,940	18,990	9,001
Mississippi	47	60	63	29,400	30,860	49,140	32,120	23,080	25,360
West South Central	454	619	691	250,000	195,800	216,790	128,630	132,516	87,356
Arkansas	101	122	108	54,500	14,200	11,910	17,935	6,250	3,382
Louisiana	38	49	42	25,800	24,830	29,670	13,340	18,860	18,813
Oklahoma	143	230	242	92,200	81,600	91,560	46,550	35,260	24,590
Texas	172	218	209	77,500	75,120	83,650	50,805	72,145	40,571
Mountain	363	460	490	75,000	118,280	128,190	70,950	97,395	85,790
Montana	102	132	145	21,200	25,700	28,430	19,690	17,700	13,564
Idaho	56	70	78	11,200	26,950	28,860	13,250	17,980	14,163
Wyoming	18	33	33	2,300	6,200	6,670	2,520	4,870	3,200
Colorado	101	134	138	21,200	34,980	36,390	23,600	32,445	33,110
New Mexico	20	25	25	2,500	4,110	4,050	2,160	4,415	2,368
Arizona	20	18	17	2,600	2,490	3,340	5,240	3,005	3,055
Utah	41	40	46	13,800	16,800	19,880	4,410	16,320	15,510
Nevada	2	8	8	200	960	570	80	660	810
Pacific	643	838	820	140,000	162,230	172,510	297,875	351,550	300,293
Washington	172	208	199	31,700	47,730	53,440	52,060	75,470	57,348
Oregon	121	151	157	17,100	28,190	31,480	21,655	26,280	27,414
California	350	479	464	91,200	86,310	87,590	223,960	249,800	215,531
Commodity groups:									
Cotton and products	121	261	267	300,000	190,000	240,000	150,000	130,000	69,000
Dairy products	2,197	2,391	2,392	460,000	725,000	740,000	535,000	620,000	520,000
Fruits and vegetables	1,237	1,386	1,347	180,000	182,000	180,000	280,000	319,000	283,000
Grain	3,338	3,448	3,500	520,000	775,000	705,000	750,000	621,000	450,000
Livestock	1,770	2,014	1,885	400,000	400,000	450,000	320,000	300,000	260,000
Poultry products	71	160	172	50,000	82,000	88,000	40,000	86,000	72,000
Tobacco	24	13	21	300,000	40,000	54,000	90,000	7,000	10,000
Wool and mohair	91	136	134	50,000	64,000	62,000	10,000	26,000	21,000
All others	1,954	2,141	2,182	440,000	542,000	681,000	225,000	291,000	240,000

Source: Federal Farm Board.

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 456)]

No. 535.—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	95	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	105	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 (preliminary)	104	76	106	137	104	125	116	102

No. 536.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION

NOTE.—**In millions of dollars.** For explanation of gross income see headnote, Table 538. Data for 1924 to 1932 are based on State totals (shown for 1929 to 1932 in Table 539) adjusted to exclude interstate sales of seeds for planting and to include estimates of income from poultry other than chickens not estimated by States. Figures for 1929 to 1932 are based on production data revised according to the Census of 1929. Estimates for 1924 to 1928 are still subject to revision

Year	Total	Crops	Livestock and products	Year	Total	Crops	Livestock and products
1909	6,238	3,314	2,925	1921	8,927	4,488	4,440
1910	6,643	3,517	3,126	1922	9,944	5,350	4,594
1911	6,372	3,536	2,836	1923	11,041	5,969	5,072
1912	6,784	3,688	3,096	1924	11,337	6,170	5,167
1913	6,975	3,647	3,328	1925	11,968	6,147	5,820
1914	7,028	3,700	3,328	1926	11,480	5,648	6,012
1915	7,395	3,985	3,410	1927	11,616	5,817	5,799
1916	8,914	4,968	3,947	1928	11,741	5,675	6,066
1917	12,832	7,431	5,401	1929	11,918	5,421	6,497
1918	15,101	8,119	6,982	1930	9,414	3,799	5,615
1919	10,935	9,431	7,503	1931	6,911	2,714	4,197
1920	13,566	6,862	6,704	1932 (preliminary)	5,143	2,113	3,030

No. 537.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION: BY GROUPS OF COMMODITIES

[In millions of dollars. See headnote, Table 536]

Source of income	1929	1930	1931	1932
Grand total	11,948	9,414	6,911	5,143
Crops, total	5,421	3,799	2,714	2,113
Grains	1,283	779	474	322
Fruits and nuts	706	567	453	340
Vegetables	1,132	943	724	596
Sugar crops	85	94	69	68
Cotton and cottonseed	1,389	751	528	431
Tobacco	286	212	132	111
Other crops	540	453	334	245
Livestock and livestock products, total	6,497	5,615	4,197	3,030
Cattle and calves	1,111	951	681	502
Hogs	1,531	1,350	912	538
Sheep and wool	262	204	158	107
Poultry and eggs	1,230	1,050	809	603
Dairy products	2,323	2,031	1,614	1,260
Other	40	29	23	20

Source of Tables 535, 536, and 537: Bureau of Agricultural Economics, Department of Agriculture.

No. 538.—ESTIMATED FARM VALUE OF PRODUCTS, GROSS INCOME, AND CASH INCOME: BY COMMODITIES

NOTE.—Farm values of crops and animal products are obtained by multiplying State quantities by State average prices. Prices used in most cases are weighted averages—for animal products, calendar-year averages; for crops, averages for the period during which the crop is marketed. Gross income represents value of farm production sold plus value of production retained for use in the farm home, excluding, in the case of crops, amounts retained for feed and seed and amounts unfit for sale and consumption. Cash income excludes products used in the farm home

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

Product	Farm value			Gross income				Cash income			
	1930	1931	1932	1929	1930	1931	1932	1929	1930	1931	1932
Grand total[1]				11,916.6	9,413.5	6,908.9	5,141.5	10,284.5	7,987.6	5,746.5	4,199.4
All crops	6,432.2	4,536.5	3,500.6	5,427.8	3,804.4	2,716.8	2,115.2	4,584.2	3,328.4	2,300.3	1,752.6
Corn	1,224.1	824.9	566.9	370.5	204.3	134.9	79.9	345.1	182.9	124.6	71.3
Wheat	575.4	352.2	254.5	692.7	410.6	251.3	176.6	684.4	402.0	243.8	169.4
Oats	410.6	238.3	175.2	106.4	79.0	42.2	28.1	106.4	79.0	42.2	28.1
Barley	122.6	64.5	59.3	41.7	33.3	12.3	14.4	41.7	33.3	12.3	14.4
Rye	20.1	10.8	9.0	17.7	8.2	3.8	3.1	17.4	8.0	3.7	3.0
Buckwheat	5.5	3.8	2.7	5.9	3.8	2.8	1.9	5.0	3.1	2.4	1.5
Rice	35.2	22.9	15.4	38.3	33.5	21.9	14.7	38.3	33.5	21.9	14.7
Grain sorghums	36.2	27.0	20.3	7.6	4.0	4.1	2.6	7.6	4.0	4.1	2.6
Other grains	6.1	2.3	1.5	2.2	2.6	1.0	.7	2.2	2.6	1.0	.7
Flaxseed	34.3	13.8	10.2	38.3	31.1	12.2	9.2	38.3	31.1	12.2	9.2
Cotton lint	659.0	483.6	397.3	1,245.1	650.0	483.6	397.3	1,245.1	659.0	483.6	397.3
Cottonseed	135.8	72.4	66.5	143.7	91.9	44.8	34.2	143.7	91.9	44.8	34.2
Tobacco	212.5	131.8	110.9	286.2	212.5	131.8	110.9	286.2	212.5	131.8	110.9
Hay	819.5	637.9	513.7	126.1	100.0	74.9	53.1	126.1	100.0	74.9	53.1
Sweet sorghum forage	24.3	20.7	16.0	2.8	2.1	1.7	1.4	2.8	2.1	1.7	1.4
Cloverseed	17.2	8.3	8.1	23.6	14.3	6.6	7.0	23.6	14.3	6.6	7.0
Alfalfa seed	12.5	6.2	2.9	11.0	11.7	5.7	2.6	11.0	11.7	5.7	2.6
Other grass seeds	7.6	5.8	2.8	6.1	6.3	4.9	2.3	6.1	6.3	4.9	2.3
Dry edible beans	55.8	25.5	16.7	72.1	51.5	24.0	16.4	71.5	51.2	23.8	15.3
Soybeans	23.9	11.7	8.8	11.2	10.3	5.0	3.7	11.2	10.3	5.0	3.7
Cowpeas	11.7	9.3	7.2	4.9	4.6	3.4	2.1	3.9	3.8	3.1	1.9
Peanuts	41.7	32.2	20.1	31.4	22.8	18.9	11.9	30.4	21.9	18.3	11.5
Broomcorn	3.3	2.0	1.4	5.4	3.3	2.0	1.4	5.4	3.3	2.0	1.4
Potatoes, white	305.4	173.8	136.9	370.5	269.1	145.8	114.4	279.3	191.6	106.9	79.4
Sweetpotatoes	57.5	45.7	37.7	66.9	50.5	39.9	33.4	43.9	29.8	24.2	23.0
Truck crops	363.1	289.4	220.8	391.0	363.1	289.4	220.8	374.2	348.3	277.9	212.3
Apples	156.7	131.9	82.1	184.8	156.7	125.8	82.1	148.0	128.4	98.1	66.5
Peaches	44.1	40.7	18.9	59.7	44.1	33.9	18.9	47.2	37.3	31.0	14.7
Pears	18.3	13.7	7.6	30.2	18.3	13.7	7.6	25.8	15.0	11.0	6.1
Cherries	14.7	7.9	5.3	14.7	14.7	7.9	5.3	12.7	12.7	6.6	4.4
Plums and apricots	4.5	4.2	2.6	6.6	4.5	4.1	2.6	4.3	2.9	2.6	1.6
Grapes	44.8	36.1	26.4	56.6	44.8	36.1	26.4	53.6	41.9	33.2	24.5
Strawberries	50.5	47.3	34.1	56.2	50.5	47.3	34.1	54.7	48.7	46.1	33.3
Small fruits	19.3	16.6	11.4	18.0	19.3	16.6	11.4	16.9	17.8	15.5	10.7
Cranberries	5.7	3.9	3.7	7.2	5.7	3.9	3.7	7.2	5.7	3.9	3.7
Pecans	7.8	6.2	3.0	7.4	7.8	6.2	3.0	6.2	6.5	5.4	2.5
Other fruits and nuts	177.4	133.8	133.0	238.7	177.3	133.7	133.0	232.2	176.3	133.0	132.4
Sugar beets for sugar	65.7	46.9	45.9	51.8	65.7	46.9	45.9	51.8	65.7	46.9	45.9
Sugar cane and sirup	20.0	16.2	17.9	20.9	15.4	12.7	14.5	15.7	11.7	9.9	11.7
Sorghum sirup	7.0	7.7	5.8	7.1	4.8	5.1	3.9	3.6	1.7	2.0	1.1
Maple sugar and sirup	8.4	4.5	4.1	5.4	8.4	4.5	4.1	4.8	7.7	3.9	3.7
Forest products	211.8	159.8	134.5	173.2	144.6	105.4	86.8	99.9	77.5	51.1	39.1
Farm gardens	213.6	222.3	210.1	226.0	213.6	222.3	210.1				
Nursery products	53.1	46.4	31.7	61.2	53.1	46.4	31.7	61.2	53.1	46.4	31.7
Greenhouse products	77.8	66.6	42.9	83.9	77.8	66.6	42.9	83.9	77.8	66.6	42.9
Other crops	10.1	7.4	7.0	3.9	3.6	3.7	4.2	3.9	3.6	3.7	4.2
Livestock and livestock products	5,770.7	4,350.1	3,159.4	6,488.8	5,609.1	4,192.1	3,026.3	5,400.3	4,658.2	3,446.2	2,446.8
Cattle and calves	1,023.6	727.9	563.4	1,111.0	951.5	680.6	502.5	1,086.0	930.8	663.7	486.2
Hogs	1,325.9	941.0	539.7	1,530.7	1,349.7	912.3	538.0	1,286.3	1,128.6	749.6	428.3
Sheep and lambs	138.1	106.9	73.3	163.4	135.3	108.0	76.6	160.6	133.9	106.2	75.0
Horses	30.6	26.6	25.2	9.4	8.1	7.5	7.1	9.4	8.1	7.5	7.1
Mules	11.3	7.6	5.9	10.2	6.1	3.7	3.1	10.2	6.1	3.7	3.1
Chickens	378.0	320.9	244.8	463.7	382.2	325.7	240.9	302.9	250.2	217.2	158.1
Eggs (chicken)	688.2	496.4	373.7	758.8	661.4	478.4	368.9	582.4	504.7	361.2	267.4
Milk	2,091.6	1,661.3	1,204.6	2,322.6	2,030.9	1,614.4	1,260.4	1,847.2	1,615.4	1,278.5	985.1
Wool and mohair	74.1	53.6	31.4	106.8	74.1	53.6	31.4	106.8	74.1	53.6	31.4
Honey	9.3	8.0	7.5	12.3	9.3	8.0	7.5	8.3	6.3	4.9	5.0

[1] *For United States* total adjusted for interstate duplications, etc., see Table 537, p. 565.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 539.—ESTIMATED GROSS AND CASH INCOME FROM FARM PRODUCTION: BY STATES

[In millions and tenths of millions of dollars. See headnote Table 538]

Division and State	Gross income						Cash income					
	Crops and livestock combined				1932		Crops and livestock combined				1932	
	1929	1930	1931	1932	Crops	Livestock and products	1929	1930	1931	1932	Crops	Livestock and products
United States[1]	11,916.6	9,413.5	6,908.9	5,141.5	2,115.2	3,026.3	10,284.5	7,987.6	5,746.5	4,199.4	1,752.6	2,446.8
New England	350.5	309.0	228.1	185.0	63.0	122.0	311.8	273.3	197.4	158.6	49.8	108.8
Maine	102.8	77.2	47.0	39.5	17.4	22.1	91.0	66.3	37.8	31.2	13.1	18.0
N.H.	28.8	27.5	21.1	17.3	4.3	13.0	24.4	23.4	17.7	14.4	2.8	11.7
Vt.	57.3	52.9	39.2	32.7	7.0	25.7	50.0	46.4	33.8	28.2	4.6	23.6
Mass.	87.2	80.3	65.4	51.1	19.9	31.1	79.2	72.9	58.3	45.2	17.1	28.2
R.I.	10.6	10.4	8.6	6.7	1.8	4.9	9.5	9.3	7.7	5.9	1.5	4.4
Conn.	63.8	60.6	46.8	37.8	12.5	25.3	57.8	54.9	42.0	33.6	10.7	22.9
Mid. Atlantic	889.1	807.2	623.4	476.9	155.3	321.6	775.9	707.8	544.7	410.8	127.5	283.4
N.Y.	424.4	389.5	293.8	220.0	68.7	151.3	378.3	347.6	261.7	191.9	55.6	136.3
N.J.	108.1	105.5	79.2	67.1	32.8	34.4	100.2	98.4	73.1	61.6	30.3	31.3
Pa.	356.6	312.2	250.3	189.8	53.8	136.0	297.3	261.9	209.9	157.4	41.6	115.8
E. N. Central	2,062.1	1,701.7	1,253.0	895.0	229.7	665.3	1,795.4	1,464.5	1,072.1	750.9	179.2	571.7
Ohio	406.1	332.9	264.2	181.3	51.3	130.0	343.0	278.2	220.1	147.6	39.7	107.9
Ind.	349.6	280.8	210.1	149.1	36.2	112.9	300.3	238.1	176.8	123.0	27.2	95.8
Ill.	574.3	490.8	343.8	240.7	65.5	175.3	510.2	428.7	298.0	204.1	54.4	149.7
Mich.	287.6	236.1	179.5	140.8	52.4	88.4	246.0	199.7	151.9	117.5	43.3	74.2
Wis.	444.5	361.1	255.4	183.0	24.3	158.7	395.9	319.8	225.2	158.8	14.6	144.2
W.N. Central	2,990.8	2,410.7	1,653.0	1,114.2	238.4	875.8	2,673.6	2,148.4	1,455.5	957.3	190.2	767.1
Minn.	458.6	385.1	268.3	189.2	38.3	150.9	408.8	343.1	238.4	164.5	29.9	134.6
Iowa	750.9	627.6	434.4	286.0	34.8	251.2	685.7	572.5	392.2	253.1	24.2	228.9
Mo.	406.5	325.9	241.5	182.1	41.3	140.7	333.7	266.0	193.5	144.0	26.6	117.5
N. Dak.	211.9	147.9	72.7	71.4	32.7	38.6	189.7	129.2	59.6	60.6	30.7	29.9
S. Dak.	243.8	195.1	131.8	71.8	18.7	53.1	222.0	176.6	119.0	61.5	16.8	44.7
Nebr.	458.5	381.8	249.0	152.7	29.2	123.5	419.8	349.7	225.6	134.1	24.5	109.6
Kans.	460.5	347.2	255.1	161.0	43.3	117.7	418.8	311.4	227.1	139.5	37.5	101.9
S. Atlantic	1,301.5	1,051.2	774.6	600.5	356.1	244.4	993.6	761.0	539.2	404.8	274.2	130.6
Del.	25.3	20.1	16.0	11.7	5.0	6.7	22.3	17.5	13.8	9.9	4.1	5.8
Md.	102.0	77.0	64.4	49.6	20.0	29.6	86.0	63.5	52.6	39.9	16.5	23.4
Va.	218.2	154.4	130.0	97.9	43.6	54.3	156.3	104.1	81.6	58.8	26.6	32.2
W. Va.	84.2	66.7	58.9	45.2	15.0	30.2	51.6	38.7	34.2	24.6	6.1	18.5
N. C.	311.6	252.2	177.4	144.3	98.5	45.8	231.0	177.0	114.8	92.0	75.3	16.6
S. C.	157.7	129.8	88.5	68.5	46.2	22.3	120.9	97.0	60.2	44.4	36.7	7.7
Ga.	272.5	211.9	135.2	96.7	57.8	38.9	207.5	155.9	88.0	57.6	42.9	14.7
Fla.	130.1	139.0	104.2	86.5	69.9	16.6	117.9	127.3	94.1	77.7	66.0	11.6
E. S. Central	985.4	682.8	521.6	408.1	242.5	165.6	734.1	458.9	331.3	256.2	171.4	84.8
Ky.	237.2	172.7	140.4	116.0	61.0	55.0	171.9	118.0	90.8	75.8	43.0	32.9
Tenn.	227.6	163.7	128.7	99.2	52.6	46.6	161.1	108.0	80.7	62.2	35.4	26.9
Ala.	233.6	174.1	124.7	96.2	62.1	34.1	168.4	112.9	71.9	53.6	42.3	11.3
Miss.	287.0	167.3	127.8	96.7	66.8	29.9	232.6	119.0	87.8	64.5	50.8	13.8
W. S. Central	1,532.4	1,023.7	822.9	644.0	402.0	242.0	1,296.3	815.6	646.5	503.5	351.8	151.8
Ark.	241.1	126.8	123.9	93.2	63.6	29.6	192.2	85.7	88.9	65.7	52.3	13.4
La.	179.4	130.1	102.0	80.7	57.1	23.6	149.0	101.3	77.6	60.0	48.7	11.3
Okla.	315.3	189.7	153.3	115.9	59.2	56.6	265.9	150.1	119.1	89.7	51.2	38.5
Tex.	796.6	577.1	443.8	354.2	222.1	132.0	689.2	478.5	361.0	288.1	199.5	88.5
Mountain	691.8	539.2	363.3	270.7	100.7	170.0	638.3	494.9	327.2	240.3	92.2	148.1
Mont.	131.6	93.4	62.1	53.2	22.7	30.5	119.7	83.6	54.2	46.2	21.0	25.3
Idaho	127.3	93.2	60.6	46.7	22.0	24.8	117.9	85.5	54.5	41.8	20.2	21.5
Wyo.	58.2	45.4	33.3	24.0	5.2	18.8	53.7	41.6	30.1	21.3	4.4	16.9
Colo.	168.0	153.4	95.3	63.0	21.4	41.6	155.7	143.3	87.3	56.6	19.8	36.8
N. Mex.	64.7	42.7	32.6	24.5	7.1	17.3	58.9	37.9	28.6	20.8	6.0	14.9
Ariz.	59.6	44.6	31.1	24.8	11.1	13.7	56.5	41.7	28.3	22.4	10.5	12.0
Utah	63.0	53.1	38.2	27.7	10.5	17.2	57.7	48.6	34.8	24.9	9.6	15.3
Nev.	19.4	13.4	10.1	6.9	.8	6.1	18.2	12.3	9.3	6.3	.7	5.6
Pacific	1,103.6	882.0	663.9	543.3	323.7	219.6	1,056.1	837.4	627.7	513.0	312.5	200.5
Wash.	215.3	169.9	119.5	93.5	49.1	44.4	197.9	154.4	105.7	82.4	43.9	38.6
Oreg.	143.5	110.8	80.5	62.6	27.5	35.1	129.3	99.1	71.4	55.1	24.5	30.6
Calif.	749.8	601.3	463.9	387.3	247.1	140.2	729.0	583.9	449.6	375.5	244.2	131.4

[1] United States totals include income from sugar beets for minor producing States for which separate estimates are not available, as follows: 1929, $4,472,000; 1930, $6,060,000 1931, $5,157,000; 1932, $3,867,000. For gross income for the United States adjusted for interstate duplications, see Table 537, p. 566.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 540.—INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF AGRICULTURAL PRODUCTS, BY GROUPS

[1923–1925=100]

Yearly average or year and month	Farm prices, 27 commodities [1]							Wholesale prices			
	Farm products	Grains	Fruits and vegetables	Meat animals	Dairy products	Poultry products	Cotton and cottonseed	Farm products	Grains	Livestock and poultry	Other farm products
1910–1914	72	75	71	86	71	66	48	69.4	[2]72.4	[2]86.6	[2]59.8
1915–1920	121	144	120	138	100	109	93	120.1	144.4	134.0	102.6
1921–1925	94	92	103	97	100	100	86	95.4	94.0	97.9	94.3
1926–1930	95	92	112	123	96	97	65	97.0	94.6	117.1	87.3
1923	97	86	97	90	106	96	107	95.9	86.0	91.1	101.4
1924	96	97	89	92	96	97	105	97.3	98.3	93.0	99.2
1925	106	117	114	118	98	107	88	106.8	115.6	115.9	99.5
1926	98	97	*135*	*124*	97	*103*	*61*	*97.3*	*97.8*	*117.2*	86.9
1927	94	96	111	*118*	99	93	64	96.7	98.6	115.9	86.2
1928	100	98	104	127	100	99	76	103.0	104.9	123.6	91.9
1929	*99*	*97*	*97*	*132*	*100*	*105*	72	102.0	95.2	124.4	92.6
1930	84	75	113	114	88	83	51	85.9	76.5	104.6	79.1
1931	58	47	70	70	67	64	31	63.0	51.8	74.9	60.1
1932	41	33	51	53	50	53	23	46.9	38.5	56.5	44.7
1931											
January–March	66	57	78	92	73	62	38	69.3	59.3	84.2	64.6
April–June	62	54	84	94	66	55	36	65.7	57.1	76.7	62.5
July–September	54	41	69	76	63	61	28	61.3	45.0	74.6	59.1
October–December	49	39	49	63	67	78	23	56.2	46.4	64.5	54.6
December	48	30	49	58	66	80	22	54.2	45.9	60.6	53.2
1932											
January–March	44	38	50	57	57	48	23	49.9	44.4	60.6	46.2
April–June	40	36	57	52	49	42	21	45.9	40.7	54.9	43.2
July–September	42	32	55	58	46	50	25	47.4	36.6	61.8	43.8
October–December	39	26	41	47	49	75	23	44.6	32.4	49.1	45.5
December	37	25	42	44	49	80	21	42.9	31.0	45.4	44.6

[1] For 1922 to 1925, 30 commodities. [2] 2-year average, 1913 and 1914.

No. 541.—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	72	65	61	69	60	68	69	68	[2]67
1915–1920	121	104	102	106	98	115	120	111	112
1921–1925	94	100	100	99	95	99	95	98	101
1926–1930	95	99	98	99	100	94	97	103	91
1922	89	98	98	97	87	96	91	93	100
1923	97	99	99	98	99	100	98	98	102
1924	96	99	99	99	99	97	97	96	98
1925	106	103	101	103	101	103	*107*	*106*	*100*
1926	98	101	101	99	102	99	97	106	98
1927	94	99	99	99	102	95	97	102	92
1928	100	101	99	101	101	96	103	107	92
1929	99	100	98	101	102	95	102	105	90
1930	84	94	93	97	91	86	86	96	83
1931	58	81	79	84	69	73	63	79	73
1932	41	70	67	74	51	64	47	64	69
1931									
March	65	86	83	89	[3] 76	75	69	82	76
June	58	83	81	86	[3] 74	72	64	77	73
September	52	79	77	81	[3] 68	71	59	78	72
December	47	77	74	80	[3] 59	68	54	73	71
1932									
March	44	74	71	77	[3] 56	66	49	66	69
June	37	71	68	75	[3] 52	63	44	62	69
September	42	69	67	72	[3] 50	66	48	65	69
December	37	68	64	72	[3] 44	62	43	62	68

[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 540 and 541: Computed from data of Departments of Agriculture and Labor.

No. 542.—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	11,825
1872–1876	396,666	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	827,566	65.9	13,009	404,335	53.9	45,961	1,236	25,172
1902–1906	879,541	59.5	14,554	528,165	50.2	63,585	1,219	40,960
1907–1911	975,399	53.9	16,812	707,997	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	1,620,804	35.9	57,803	1,941,577	51.2	156,820	1,458	205,676
1913	1,123,652	46.3	19,652	916,634	50.6	124,836	2,809	82,878
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	2,607,041	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	120,981	1,955	234,508
1924	1,867,098	44.2	62,719	1,875,305	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	1,891,739	46.7	75,162	2,520,775	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	47.9	97,695	858	142,590
1932 (prel.)	752,141	39.4	22,692	835,400	48.3	62,270	409	101,435

[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. 543.—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	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products	Cotton	Tobacco
1910–1914 (fiscal)	1,035.7	151.3	6.3	147.3	35.0	98.7	551.9	44.8
1921–1925	2,013.2	285.5	38.9	474.3	102.0	143.0	805.0	164.6
1926–1930	1,691.6	190.5	23.7	318.6	144.3	104.4	765.7	144.5
1922	1,884.4	262.2	34.9	516.0	93.6	158.1	673.3	146.5
1923	1,820.5	309.6	36.4	311.4	87.7	115.0	807.1	153.4
1924	2,110.1	275.5	35.7	433.8	117.1	133.3	950.6	164.1
1925	2,136.2	271.3	31.1	351.8	121.1	147.3	1,059.8	153.8
1926	1,816.7	238.2	26.8	355.7	132.6	112.1	814.4	136.9
1927	1,884.6	182.6	25.3	443.8	143.6	123.4	826.3	139.7
1928	1,863.1	182.9	24.7	315.7	152.0	113.3	920.0	154.5
1929	1,692.9	198.7	22.1	286.4	162.8	106.1	770.8	146.1
1930	1,200.7	150.2	19.5	191.3	130.4	66.9	496.8	145.6
1931	821.4	93.4	12.8	106.0	122.0	50.7	325.7	110.8
1932	662.3	55.3	6.0	66.9	84.9	37.5	345.2	65.9

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 544.—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	1927	1928	1929	1930	1931	1932
Grand total	1,035.7	2,013.2	1,691.6	1,884.6	1,863.1	1,692.9	1,200.7	821.4	662.3
Live animals	13.0	10.0	5.8	6.7	6.5	5.8	4.2	1.6	.9
Meats	62.7	133.2	71.4	64.2	60.9	72.5	60.7	32.2	16.0
Eggs and dairy products	6.3	38.9	23.7	25.3	24.7	22.1	19.5	12.8	6.6
Animal fats and oils	83.8	146.4	116.9	116.8	119.4	124.1	87.9	60.6	37.9
Hides and skins	3.2	7.6	9.0	11.5	11.1	6.8	4.9	3.1	2.2
Bread grains [1]	107.6	363.9	248.5	307.9	214.5	199.3	160.4	85.8	52.7
Coarse grains	36.8	97.0	59.0	63.8	87.6	72.5	21.0	12.6	9.1
Rice	.6	11.9	10.8	11.8	13.2	14.1	9.7	7.3	5.0
Fodders and feeds	28.1	26.7	27.2	32.9	30.9	32.7	11.1	13.8	11.0
Vegetables	5.8	16.4	18.7	18.7	18.9	21.4	16.6	10.6	6.3
Fruits	29.4	81.5	120.8	120.1	127.8	136.0	109.7	108.2	76.5
Vegetable oils, expressed, oil-seeds, and nuts	21.2	16.5	11.3	13.4	12.7	10.3	9.0	7.0	7.5
Coffee and substitutes	7.3	6.5	4.0	6.3	3.5	2.9	2.8	2.3	1.4
Sugar and related products	9.5	48.1	13.9	17.3	16.0	13.3	8.4	5.1	3.1
Seeds, except oilseeds	2.6	3.8	3.5	3.6	2.7	3.3	3.8	2.3	1.5
Tobacco	44.8	164.6	144.5	139.7	154.5	146.1	145.6	110.8	65.9
Cotton	551.9	805.0	765.7	826.3	920.0	770.8	496.8	325.7	345.2
Wool and hair	1.3	1.6	2.3	2.7	2.5	2.4	1.8	1.2	.8
All other	19.9	33.6	33.9	35.9	35.5	36.6	26.7	18.5	12.7

[1] Includes wheat and rye; also flour and flour products.

No. 545.—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
1922	195	125	242	71	173	122	111	295	327
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	130	226	300
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

No. 546.—AGRICULTURAL EXPORT INDEXES: BY GROUPS OF PRODUCTS

Group	Relative numbers, 1932, as compared with 1931 as 100			Relative numbers, 1932 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	79	65	81	71	57
Animal products, edible	88	67	59	58	63	36
Dairy products and eggs	61	84	52	96	109	105
Grains and preparations	72	88	63	72	63	45
Vegetables, fruits, and nuts	85	82	70	291	84	243
Cotton	131	81	106	108	58	63
Tobacco	75	80	60	(1)	(1)	(1)

[1] Not computed.

Source of Tables 544, 545, and 546: 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. 547.—DOMESTIC ANIMALS: NUMBER AND VALUE OF ANIMALS ON FARMS

NOTE.—Animals of all ages are included except in figures for cattle and sheep, 1880 and 1890, which are nominally exclusive of calves and lambs, respectively. Value includes only animals specified. The difference in date of enumeration affects the comparability of the census figures for all classes and especially for swine

Year and date	Number (thousands)							Value of all animals (thousands of dollars)
	Horses	Mules	All cattle	Dairy cows [1]	Other cattle	Sheep	Swine	
Census returns—								
1880 (June 1)	10,357	1,813	39,670	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]								
1912	20,509	4,362	55,022	18,312	36,710	43,279	56,700	4,793,295
1913	20,567	4,386	55,833	18,526	37,307	40,700	54,000	5,333,683
1914	20,962	4,449	58,737	18,930	39,807	37,773	51,800	5,793,418
1915	21,195	4,479	62,532	19,526	43,006	36,287	57,000	5,935,135
1916	21,159	4,593	66,394	20,064	46,330	36,543	59,700	5,998,278
1917	21,210	4,723	69,533	20,541	48,992	36,700	56,700	6,652,868
1918	21,555	4,873	71,229	21,021	50,208	39,000	61,200	8,066,736
1919	21,482	4,954	70,261	21,219	49,042	41,000	63,800	8,532,916
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	5,360	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	12,641	5,089	62,656	24,469	38,187	53,321	59,078	3,195,532
1933	12,103	4,981	65,129	25,136	39,993	51,630	60,716	2,661,985

[1] Census returns prior to 1900 represented "milch" cows; in 1900, cows kept for milk 2 years old and over; in 1910, cows and heifers kept for milk born before Jan. 1, 1909 (estimated number 2 years old and over Jan. 1, 17,125,000); in 1920 and 1925, dairy cows and heifers 2 years old and over; in 1930, cows and heifers, born before 1928, kept mainly for milk production. Estimates as of Jan. 1 represent cows and heifers 2 years old and over kept for milk.

[2] Estimates by Bureau of Agricultural Economics, Department of Agriculture.

No. 548.—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. 549—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)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]
United States	19,767	16,401	13,511	12,163	5,432	5,681	5,375	4,981	66,640	60,760	63,896	65,129
New England	305	259	182	160	3	3	2	(3)	1,320	1,119	1,271	1,192
Maine	94	82	61	52	(3)	1	1	(3)	301	236	257	251
New Hampshire	38	31	20	17	(3)	(3)	(3)	(3)	164	121	136	129
Vermont	77	63	52	46	1	1	1	(3)	435	303	472	437
Massachusetts	51	44	25	22	(3)	1	(3)	(3)	216	188	207	186
Rhode Island	7	5	3	4	(3)	(3)	(3)	(3)	31	27	32	29
Connecticut	38	34	21	19	1	1	1	(3)	174	153	167	160
Middle Atlantic	1,115	907	672	618	68	65	60	59	3,869	3,309	3,906	3,624
New York	536	440	321	300	7	7	6	6	2,144	1,837	2,220	2,042
New Jersey	73	57	39	33	6	5	3	2	179	153	175	170
Pennsylvania	506	410	312	285	55	53	51	51	1,546	1,319	1,511	1,412
East North Central	4,114	3,303	2,688	2,492	310	315	261	259	10,898	9,656	10,627	10,262
Ohio	811	630	495	460	32	33	31	33	1,927	1,653	1,773	1,691
Indiana	717	556	443	412	100	101	82	81	1,546	1,282	1,447	1,500
Illinois	1,207	1,030	821	742	168	168	134	126	2,788	2,305	2,342	2,455
Michigan	606	482	333	366	6	7	7	6	1,580	1,406	1,528	1,418
Wisconsin	683	604	546	512	4	6	7	7	3,051	3,010	3,537	3,198
West North Central	6,942	5,968	5,152	4,676	847	892	673	641	20,163	19,204	19,877	20,901
Minnesota	933	835	805	760	10	13	15	15	3,021	2,853	3,156	3,343
Iowa	1,387	1,180	1,048	955	82	97	85	79	4,548	4,204	4,136	4,284
Missouri	906	708	507	551	389	372	296	288	2,782	2,372	2,783	2,664
North Dakota	856	731	612	551	8	9	8	8	1,335	1,341	1,454	1,691
South Dakota	817	720	621	552	15	21	19	17	2,348	2,022	1,974	2,098
Nebraska	961	862	754	675	100	120	99	88	3,154	3,233	3,150	3,358
Kansas	1,083	931	715	631	243	260	151	146	2,975	3,008	3,224	3,463
South Atlantic	1,039	808	604	533	1,079	1,023	1,023	936	4,703	4,135	3,780	3,883
Delaware	28	22	18	16	9	9	10	9	47	46	54	50
Maryland	141	117	94	89	33	31	29	28	283	273	319	282
Dist. of Col	(3)	(3)	(3)	(4)	(3)	(3)	(3)	(4)	1	1	1	(4)
Virginia	312	260	203	178	97	102	94	90	910	807	833	816
West Virginia	169	143	113	101	15	15	12	12	587	568	556	525
North Carolina	171	131	87	75	257	280	294	265	645	539	533	588
South Carolina	78	49	31	23	220	199	189	164	434	341	270	290
Georgia	101	54	37	33	406	344	354	326	1,157	906	783	852
Florida	39	29	21	18	42	43	41	42	639	656	431	480
East South Central	1,046	768	591	511	1,250	1,277	1,272	1,241	4,547	3,636	3,968	4,092
Kentucky	382	307	248	224	293	294	252	257	1,093	905	1,086	1,071
Tennessee	318	242	175	146	353	352	319	315	1,159	986	1,074	1,094
Alabama	130	87	65	55	296	303	332	322	1,044	822	799	875
Mississippi	215	131	103	86	308	328	369	347	1,250	923	1,009	1,052
West South Central	2,160	1,760	1,524	1,344	1,685	1,893	1,918	1,697	10,108	9,009	10,243	10,474
Arkansas	252	182	138	125	323	341	362	319	1,073	810	813	915
Louisiana	179	131	118	104	180	173	201	180	804	697	730	784
Oklahoma	738	608	500	439	337	368	315	276	2,074	1,657	2,097	2,280
Texas	991	838	762	676	846	1,010	1,040	922	6,157	5,846	6,603	6,495
Mountain	2,076	1,850	1,511	1,348	89	112	89	84	7,600	7,406	6,691	7,333
Montana	669	594	450	380	9	10	8	8	1,269	1,322	1,290	1,378
Idaho	293	233	206	180	8	8	7	7	715	606	622	687
Wyoming	198	200	173	154	3	5	4	4	875	783	824	906
Colorado	421	365	320	318	31	38	29	26	1,757	1,436	1,454	1,526
New Mexico	183	187	141	125	20	31	23	21	1,300	1,267	1,055	1,167
Arizona	136	112	80	72	12	12	12	12	822	1,069	695	894
Utah	125	110	91	83	3	4	3	3	506	504	442	480
Nevada	50	50	41	36	2	4	3	3	350	419	309	295
Pacific	970	780	587	481	101	101	77	70	3,432	3,285	3,533	3,368
Washington	296	242	182	151	23	26	22	20	573	582	625	646
Oregon	272	224	179	154	14	19	14	14	851	784	805	835
California	402	314	226	176	63	56	41	36	2,008	1,918	2,103	1,887

[1] Census returns for 1920 and 1925 represent dairy cows and heifers 1 year old and over, for 1930, cows and heifers born before 1929 kept mainly for milk production. Estimates for Jan. 1, 1933, represent cows and heifers 1 year old and over kept for milk cows.

FARMS, BY DIVISIONS AND STATES, 1920 TO 1933

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)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	
23,724	20,714	24,258	25,777	35,094	35,590	56,975	51,630	59,346	50,954	56,288	60,716	U. S.
1,016	920	818	950	243	154	201	153	384	193	228	219	N. Eng.
217	181	153	189	119	85	100	76	91	54	46	55	Me.
119	97	85	98	28	16	21	17	42	16	16	16	N. H.
346	325	310	353	63	35	51	37	73	44	29	34	Vt.
174	164	137	153	19	10	13	11	104	58	105	84	Mass.
25	24	22	24	3	2	3	2	13	4	5	5	R. I.
135	129	111	133	11	7	13	10	61	17	27	25	Conn.
2,928	2,670	2,426	2,855	1,098	893	1,220	967	1,931	1,050	1,007	995	Mid. Atl.
1,730	1,552	1,405	1,659	579	473	618	459	601	259	221	213	N. Y.
148	135	121	139	10	6	12	7	139	56	129	75	N. J.
1,050	983	900	1,057	509	415	590	501	1,191	734	657	707	Pa.
6,082	5,377	5,800	6,963	5,073	4,479	6,599	5,322	14,183	11,774	12,985	13,833	E. N. C.
1,059	968	961	1,144	2,103	1,941	2,536	2,129	3,084	2,368	2,778	2,486	Ohio.
727	691	738	910	644	595	1,118	800	3,757	2,939	3,347	3,573	Ind.
1,148	969	1,088	1,330	638	566	944	699	4,639	4,249	4,652	5,390	Ill.
967	944	843	1,024	1,209	1,066	1,416	1,240	1,106	855	596	773	Mich.
2,180	2,304	2,170	2,555	480	310	585	454	1,596	1,363	1,612	1,611	Wis.
5,485	4,403	6,845	8,483	4,950	4,007	7,312	7,724	21,715	24,600	27,650	29,071	W. N. C.
1,532	1,565	1,712	2,060	509	379	927	1,089	2,381	2,715	3,316	3,496	Minn.
1,094	822	1,486	1,791	1,092	818	1,558	1,190	7,864	8,567	10,056	10,813	Iowa.
793	617	970	1,230	1,272	894	1,750	1,195	3,889	3,502	3,861	4,390	Mo.
461	385	583	735	299	311	857	1,199	458	784	628	623	N. Dak.
406	202	587	761	844	644	1,150	1,455	1,954	2,600	2,637	2,142	S. Dak.
517	268	691	841	573	647	496	1,005	3,436	4,236	4,679	4,374	Nebr.
681	454	816	1,015	361	315	574	591	1,733	2,197	2,473	3,233	Kans.
2,012	1,549	1,704	2,094	1,209	1,077	2,187	1,424	6,536	4,176	4,393	4,385	S. Atl.
38	39	34	41	3	2	5	4	39	24	30	22	Del.
189	196	190	214	103	92	194	108	306	188	205	176	Md.
1	1	1	[4]	[3]	-------	[3]	[4]	1	1	1	[4]	D. C.
418	329	384	455	342	351	829	495	941	582	700	523	Va.
210	154	216	253	510	441	897	631	305	177	222	197	W. Va.
355	292	298	394	91	67	146	92	1,271	872	839	996	N. C.
229	178	151	183	24	14	19	14	845	535	471	562	S. C.
484	308	342	443	72	51	50	36	2,071	1,300	1,358	1,376	Ga.
90	52	88	111	65	60	47	44	755	498	567	513	Fla.
2,031	1,593	1,868	2,341	1,318	1,155	2,402	1,499	6,207	3,453	3,601	4,400	E. S. C.
515	433	532	614	708	696	1,597	942	1,504	919	1,035	1,101	Ky.
495	416	493	613	364	290	626	405	1,832	1,009	1,002	1,236	Tenn.
491	363	371	512	82	56	69	52	1,497	827	831	1,053	Ala.
530	381	472	602	164	114	110	100	1,373	698	733	1,010	Miss.
2,296	1,730	2,590	3,407	2,909	3,359	7,500	8,053	5,758	3,451	4,148	5,311	W. S. C.
517	325	390	549	100	51	86	61	1,378	847	776	1,100	Ark.
218	116	255	324	130	109	171	147	851	518	759	672	La.
560	429	703	920	105	62	222	201	1,304	920	1,051	1,506	Okla.
1,002	860	1,241	1,614	2,573	3,137	7,021	7,644	2,226	1,166	1,562	2,033	Tex.
754	723	973	1,222	13,207	15,130	21,008	20,185	1,193	1,311	1,217	1,363	Mountain.
153	122	186	240	2,083	2,188	4,028	4,049	167	278	210	227	Mont.
143	171	194	253	2,356	1,746	3,302	2,115	240	276	268	308	Idaho.
42	39	72	89	1,860	2,507	3,418	3,893	72	100	98	98	Wyo.
234	192	266	329	1,813	2,244	2,505	3,055	450	493	462	512	Colo.
46	47	70	87	1,040	1,743	2,291	2,820	88	55	65	78	N. Mex.
39	41	41	57	882	1,164	1,340	1,003	50	19	24	24	Ariz.
81	88	120	140	1,692	2,355	2,922	2,360	99	64	67	87	Utah.
16	23	24	27	881	1,184	1,202	890	27	25	23	19	Nev.
1,120	1,249	1,234	1,462	5,026	5,336	8,546	6,303	1,441	845	1,059	1,169	Pacific.
290	319	298	382	624	516	1,143	720	265	198	186	242	Wash.
216	245	253	313	2,002	1,775	3,319	2,545	267	216	225	221	Oreg.
614	685	683	767	2,400	3,045	4,084	3,038	909	431	648	706	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. 550.—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*	63,398	**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**	4,321
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. 551.—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	5,680,597	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	−305,580	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	4,764,235	2,259,746	5,358,243	4,461,206	538,593	107,267	4,850,807
1925	[3] 5,365,513	[4]	[4]	3,725,587	430,738	91,402	3,618,624
1930	[3] 5,024,713	[4]	4,803,174	4,452,936	583,578	112,864	3,535,110
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 550 and 551: Bureau of the Census, Department of Commerce.

No. 552.—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]
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	1,368	1,421	2,828	1,745	683	1,286	739	14,678	7,895	22,573
1921–1925	3,852	595	1,341	1,218	2,932	1,709	675	1,336	772	14,430	8,366	22,796
1926–1930	3,344	611	1,343	1,148	2,328	1,609	614	1,549	857	13,403	8,341	21,744
1929	3,060	624	1,223	1,089	2,178	1,546	590	1,425	839	12,574	7,866	20,440
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
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
1929	758	466	785	500	1,108	632	199	429	419	5,294	3,106	8,400
1930	710	449	769	476	1,138	684	195	331	437	5,189	3,129	8,318
1931	811	352	755	405	1,094	750	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
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	1,018	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
1929	3,785	2,290	534	540	1,753	3,031	1,636	1,139	840	15,548	11,320	26,868
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
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
1929	1,118	2,057	201	258	458	1,334	467	582	255	6,730	7,265	13,995
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
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
1929	8,193	539	3,865	402	2,476	3,166	1,627	2,869	2,313	25,450	18,647	44,097
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	662	2,626	255	1,356	3,078	1,226	2,600	1,955	20,351	14,677	35,028
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
1929	1,331	121	2,767	53	1,011	888	427	812	789	8,699	7,455	16,154
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
HORSES AND MULES												
Receipts:												
1911–1915	112	28	182	49	86	34	30	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
1929	19	22	71	42	52	21	7	18	17	269	188	457
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

[1] Figures not available prior to 1915. [2] Total for about 65 stockyards. [3] Total of six stockyards.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 553.—DOMESTIC ANIMALS: Receipts and Shipments at Nine Stockyards

[All figures in thousands. Stockyards covered are those named in Table 552]

Year	Cattle and calves		Sheep and lambs		Swine		Horses and mules, receipts
	Receipts	Shipments[1]	Receipts	Shipments[1]	Receipts	Shipments[1]	
1913	10,329	2,484	14,986	3,947	20,576	3,815	482
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	15,034	5,812	12,484	5,955	22,360	5,473	756
1918	10,781	6,405	14,050	6,518	26,607	5,624	600
1919	15,982	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	6,083	186
1922	14,590	6,677	12,253	5,484	24,601	7,058	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	9,360	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	26,525	9,369	250
1929	12,574	5,294	15,548	6,730	25,450	8,609	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

[1] Denver, Fort Worth, and Kansas City are not included prior to 1915.

No. 554.—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	1928	1929	1930	1931	1932
Cattle and calves:								
Receipts	22,573	22,796	21,744	21,478	20,440	20,166	19,616	17,332
Stocker and feeder shipments	4,610	4,144	3,673	3,966	3,651	3,426	3,044	2,618
Sheep and lambs:								
Receipts	22,838	22,572	26,016	25,597	26,868	29,808	33,023	29,306
Stocker and feeder shipments	5,014	4,150	4,912	5,011	5,565	4,463	5,287	3,373
Swine:								
Receipts	42,552	47,968	42,516	46,527	44,097	40,774	39,538	35,028
Stocker and feeder shipments	720	588	736	735	623	517	533	321

No. 555.—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
1929	20,440	1,639	1,195	1,450	1,782	1,660	1,451	1,655	1,619	2,104	2,407	1,943	1,555
1930	20,166	1,639	1,320	1,547	1,644	1,517	1,469	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
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	1,087	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
1929	26,868	1,877	1,544	1,527	2,012	2,173	1,752	2,119	2,544	3,355	4,093	2,168	1,703
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
Swine:													
1916–1920	42,552	5,191	4,097	3,773	3,236	3,606	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	3,365	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
1929	44,097	5,133	4,000	3,436	3,582	3,431	3,275	3,297	2,964	3,089	3,701	3,933	4,256
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	3,067	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	2,168	2,405	2,505	2,691	2,775	3,123

Source of Tables 553, 554, and 555, Bureau of Agricultural Economics, Department of Agriculture.

No. 556.—DOMESTIC ANIMALS: AVERAGE FARM PRICE AND AVERAGE CHICAGO MARKET PRICE BY CALENDAR YEARS

Note.—Milk cows dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except the averages for milk cows on farms and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices

Yearly average or year	Milk cows on farms, per head	Beef cattle[1]		Calves, veal		Sheep		Lambs		Hogs	
		Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago
1911–1915	52.33	5.54	7.89	7.07	9.30	4.60	5.13	6.01	7.57	6.86	7.60
1916–1920	79.47	8.42	12.91	11.09	14.35	8.97	10.25	11.85	15.05	13.20	14.78
1921–1925	86.29	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
1918	83.07	9.44	14.05	11.93	15.75	10.95	12.44	13.93	16.98	15.82	17.45
1919	91.96	9.59	15.50	12.76	16.83	9.63	10.47	12.96	16.31	16.01	17.85
1920	80.51	8.42	13.30	11.86	14.58	8.51	9.49	11.85	15.50	12.88	13.91
1921	90.10	5.50	8.20	7.85	9.36	4.65	5.13	7.19	9.86	7.82	8.51
1922	83.86	5.43	8.65	7.69	9.15	5.96	7.15	9.76	13.68	8.34	9.22
1923	85.43	5.58	9.40	7.99	9.66	6.66	7.10	10.50	13.89	7.10	7.55
1924	85.48	5.55	9.24	8.11	9.86	6.81	7.57	10.75	14.57	7.41	8.11
1925	87.87	6.23	10.16	8.85	10.87	7.70	8.16	12.30	15.66	10.79	11.81
1926	85.51	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	7.56	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	6.10
1932	36.95	4.07	6.70	5.00	6.21	2.40	2.20	4.40	5.92	3.44	3.83

[1] Chicago prices are for beef steers, all grades, excluding western.

No. 557.—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]													
1927	9.70	9.81	10.20	10.51	10.68	11.12	11.78	12.02	12.63	13.43	13.57	13.08	11.36
1928	13.67	13.15	12.83	13.01	13.19	13.86	15.11	15.30	15.91	14.61	13.84	12.85	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
Calves, veal:[3]													
1927	12.20	12.40	11.54	10.90	11.07	11.68	13.32	14.75	15.94	14.42	13.48	13.09	12.90
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
Sheep:[4]													
1927	6.94	8.03	8.88	9.62	7.44	5.88	6.25	6.47	6.14	6.00	6.40	6.41	7.04
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
Lambs:													
1927	12.64	13.28	15.27	15.87	14.75	15.66	14.25	13.68	13.46	13.70	13.80	13.14	14.12
1928	13.16	15.39	16.26	16.81	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	9.69
1931	8.43	8.19	8.31	9.06	8.55	7.72	6.62	6.88	6.49	5.88	5.64	5.32	7.26
1932	5.88	6.26	6.83	6.69	5.12	6.26	6.22	5.72	5.56	5.12	5.00	5.82	5.92
Hogs:[5]													
1927	11.96	11.73	11.28	10.69	9.59	8.78	9.05	9.03	10.22	10.39	8.92	8.32	9.95
1928	8.25	8.08	8.08	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	10.31	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

[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 556 and 557: Bureau of Agricultural Economics, Department of Agriculture

No. 558.—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		Pork, cured, clear sides, Chicago		Lard, prime contract, New York		Mutton, dressed, New York	
	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	7.9	48.3	7.8	55.3	7.6	55.9
1896–1900	3.98	41.9	4.94	49.0	------	------	9.2	40.4	5.9	36.4	5.4	38.3	7.1	52.2
1901–1905	5.89	62.1	5.52	54.7	------	------	11.4	50.0	9.0	55.6	8.6	61.0	7.6	55.9
1906–1910	6.93	73.1	6.13	60.7	------	------	13.2	57.9	10.6	65.4	10.3	73.0	9.1	66.9
1911–1915	7.64	80.6	8.28	82.0	------	------	15.4	67.5	11.6	71.6	10.1	71.6	9.4	69.1
1916–1920	15.07	159.0	14.16	140.3	------	------	28.6	125.4	23.5	145.1	21.9	155.3	16.4	120.6
1921–1925	9.26	97.7	9.70	96.1	[1] 16.1	[1] 100.0	24.3	106.6	15.3	94.4	13.0	92.2	12.6	92.6
1926–1930	10.41	109.8	12.25	121.3	18.7	116.1	25.1	110.1	17.8	109.9	12.6	89.4	13.4	98.5
1928	9.63	101.6	14.49	143.6	17.0	105.6	22.8	100.0	16.3	100.6	12.3	87.2	14.2	104.4
1929	10.32	108.9	13.49	133.7	18.3	113.7	24.4	107.0	17.1	105.6	12.0	85.1	14.1	103.7
1930	9.61	101.4	11.03	109.3	17.5	108.7	23.0	100.9	16.6	102.5	10.9	77.3	10.0	73.5
1931	6.14	64.8	8.76	86.8	12.3	76.4	18.1	79.4	11.5	71.0	8.0	56.7	8.3	61.0
1932	3.82	40.3	7.80	77.3	7.8	48.4	13.3	58.3	7.3	45.1	5.0	35.5	7.0	51.5

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 [2]		Milk, fresh, New York	
			Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1891–1895	------	------	7.9	52.0	------	------	24.7	54.9	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	[3] 11.0	[3] 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	[4] 14.3	[4] 58.1	30.0	66.7	15.2	68.8	[4] 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
1928	22.8	134.1	20.9	137.5	22.6	91.9	47.4	105.3	25.1	113.6	32.9	88.9	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	20.8	56.2	5.1	69.9

[1] Average for 1923 to 1925.
[2] 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.
[3] Average for 1908 to 1910.
[4] Average for 1913 to 1915.

Source: Absolute prices, Bureau of Labor Statistics, Department of Labor; indexes, computed from absolute prices by Bureau of Foreign and Domestic Commerce.

No. 559.—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	5.91	11.2	19.1	1910–1914	5.30	6.84	4.60	17.7	25.2	25.8
1915–1920	12.20	11.10	19.2	31.9	1915–1920	8.02	10.49	8.35	41.0	39.5	40.9
1921–1925	8.81	10.42	19.1	25.9	1921–1925	5.66	8.09	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
1922	7.41	10.30	18.2	24.7	1923	5.58	7.99	6.65	38.9	40.4	42.2
1923	6.85	10.54	18.3	25.2	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
Dec., 1931	3.76	4.19	13.9	25.6	Dec., 1931	4.32	5.59	2.52	12.9	29.2	27.3
Dec., 1932	2.73	3.95	9.2	28.1	Dec., 1932	3.41	4.16	2.04	9.2	21.3	21.1
Jan., 1933	2.68	4.09	9.3	21.4	Jan., 1933	3.28	4.12	2.10	8.9	20.6	18.9
Feb., 1933	2.94	4.19	9.4	11.0	Feb., 1933	3.31	4.75	2.16	8.8	18.4	15.8
Mar., 1923	3.22	4.27	9.1	10.1	Mar., 1933	3.42	4.57	2.18	8.9	18.0	15.1

[1] Unwashed.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 560.—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, pluck, etc.) is disregarded. Exports include shipments to noncontiguous territories. Figures of consumption beginning with 1916 include differences between quantities in storage at beginning and end of year. Estimates of uninspected slaughter for 1932 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	336	107	16,544	137.8
1929	16,803	11,184	5,619	407	154	16,607	136.8
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		10,659		181	29		
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
1929	6,065	4,275	1,790	27	138	6,247	51.4
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		3,940		24	24		
Veal:							
1910–1914	552	195	358		[4] 5	553	5.8
1915–1920	665	297	368		3	667	6.5
1921–1925	808	449	419		4	869	7.8
1926–1930	858	479	379		5	863	7.2
1929	816	453	363		5	821	6.8
1930	833	459	374		2	835	6.8
1931	860	473	387			860	6.9
1932		454					
Mutton and lamb:							
1910–1914	711	552	159	4	[4] 18	710	7.4
1915–1920	555	430	126	5	17	566	5.5
1921–1925	584	456	128	4	8	590	5.3
1926–1930	696	544	151	2	[5] 3	696	5.8
1929	699	545	154	1	4	703	5.8
1930	820	650	170	2		819	6.6
1931	878	688	190	2		878	7.1
1932		682		1			
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
1929	9,223	5,911	3,312	379	7	8,836	72.8
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		5,583		156	5		
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
1929	2,508	1,763	835	808		1,735	14.3
1930	2,344	1,521	823	674		1,701	13.8
1931	2,385	1,554	831	601		1,784	14.4
1932		1,573		576			

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	31,936	1923	9,163	4,500	11,529	27	53,334
1915–1920	9,390	3,135	11,249	131	39,403	1924	9,593	4,935	11,991	33	52,873
1921–1925	8,979	4,556	11,891	26	46,269	1926	9,853	5,353	12,001	39	43,043
1926–1930	8,932	4,759	14,010		45,355	1926	10,180	5,153	12,961	32	40,636
1917	10,350	3,143	9,345	106	33,910	1927	9,520	4,876	12,883	23	43,033
1918	11,329	3,456	10,320	138	41,214	1928	8,467	4,080	13,488	19	49,705
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	46,245

[1] Estimated. [2] Includes small quantities of goat meat. [3] 2-year average. [4] 1914 only. [5] 4-year average.

Source: Bureau of Animal Industry, Department of Agriculture.

No. 561.—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	1,061,082	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	1,382,227	883,182	1,122,986	36,014	12,546	[5] 83,256	33,118	----------
New York	741,983	800,524	552,804	682,504	19,451	6,202	40,343	13,996	9,355
New Jersey	76,245	81,772	60,909	73,766	1,215	24	[7] 945	578	(6)
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	2,983,788	920,994	1,672,996	368,345	283,775	534,308	54,995	436,237
Ohio	425,834	454,117	159,816	227,151	45,766	45,683	108,945	14,501	89,366
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	10,313	73,887
Michigan	424,236	449,756	144,911	221,411	51,568	46,713	92,207	12,414	61,076
Wisconsin	1,058,751	1,241,338	353,648	843,427	199,438	99,492	177,374	3,013	155,306
West North Central	2,275,079	2,919,936	167,103	327,795	424,377	602,875	818,319	94,490	834,724
Minnesota	663,638	825,441	50,829	95,757	156,398	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	40,894
Nebraska	197,601	292,933	13,876	29,932	31,243	52,792	98,731	13,066	106,199
Kansas	251,969	326,193	28,539	52,763	39,299	57,133	67,387	12,827	59,364
South Atlantic	567,849	644,881	120,956	192,533	8,520	17,239	[5] 118,038	105,867	----------
Delaware	13,037	14,757	8,551	11,435	181	33	[7] 812	480	(6)
Maryland	74,043	87,786	42,983	65,080	1,891	812	6,050	3,626	183
Dist. of Col	481	504	439	476				3	(8)
Virginia	127,447	145,525	24,241	38,539	2,911	6,698	28,846	22,916	5,497
West Virginia	76,621	83,868	10,425	16,951	1,282	4,061	16,744	12,674	466
North Carolina	108,151	119,992	11,222	19,792	975	2,003	26,952	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	14,029	48	107		1,783	1,051
East South Central	499,612	646,606	47,541	127,628	18,703	39,173	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	20,331	17,267
Alabama	95,365	123,548	7,129	16,760	967	1,808	29,044	32,904	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	843,817	64,553	135,675	23,508	71,526	141,352	109,565	56,250
Arkansas	98,769	128,509	5,758	13,945	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	382,431	469,473	54,858	135,187	52,609	66,411	87,227	15,645	79,680
Montana	73,186	87,378	6,175	12,546	9,886	13,868	20,164	4,502	13,975
Idaho	78,505	104,067	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	611	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	2,657	2,755	176	2,278
Pacific	622,373	761,011	201,885	440,692	96,181	74,600	139,874	7,670	121,702
Washington	169,846	180,104	45,819	91,791	27,217	19,595	34,560	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] Including estimates for incomplete reports.
[2] Figures given are inclusive of small amounts of butter made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.
[3] Includes butter made on farms in 1924 and in factories in 1925.
[4] Includes 1,035,000 pounds of butter made in factories in New Hampshire, Connecticut, Rhode Island, New Jersey, and Delaware in 1925, and 463,000 pounds made in factories in Maine, New Hampshire, Rhode Island, Connecticut, and Delaware in 1929. The reports for these States are not shown separately. (See Note 6.)
[5] Excludes small amount of butter made in factories of one or more States in this group.
[6] Not shown separately, as to do so would disclose individual operations.
[7] Excludes butter made in factories.
[8] No butter reported.

Source: Bureau of the Census, Department of Commerce.

No. 562.—LIVESTOCK PRODUCTS OF FARMS: SUMMARY OF CENSUS STATISTICS FOR THE UNITED STATES

Product	Unit	Quantity (thousands) 1909	1919	1924	1929	Value (thousands of dollars) 1919	1924	1929
Total value						2,666,944	2,345,219	3,307,325
Dairy products						1,481,462	1,260,778	1,818,482
Butter made on farms	Lb.	994,651	707,666	642,803	542,064	346,356	228,139	216,898
Butter sold	do.	415,080	207,860	(1)	135,045	106,974	(1)	56,056
Cheese made on farms	do.	9,406	6,371	(1)	(1)	2,268	(1)	(1)
Whole milk sold	Gal.	1,937,256	2,529,331	2,666,612	4,455,639	717,380	555,269	1,036,650
Cream sold	do.	54,934	82,248	45,736	15,846	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] 228,795	[2] 227,105	295,964	[2] 120,418	[2] 88,630	89,415
Mohair produced	do.	3,779	6,809	8,426	14,461	3,589	4,491	6,797
Eggs and chickens						[2] 1,047,195	[2] 991,319	1,380,371
Chicken eggs produced	Doz.	[2] 1,574,979	[2] 1,654,045	[2] 1,918,245	2,689,719	[2] 661,083	[2] 571,938	709,261
Eggs sold	do.	[2] 926,466	1,010,813	(1)	1,955,459	404,563	(1)	585,868
Chickens raised [4]	No.	[2] 460,611	[2] 473,201	[2] 545,848	673,092	[2] 386,112	[2] 419,381	581,110
Chickens sold	do.	[5] 153,600	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 estimates for incomplete reports. [3] Eggs of all kinds.
[4] Data for other poultry raised in 1929 were as follows: Turkeys, 16,794,485, valued at $47,767,826; ducks, 11,337,487, valued at $12,211,317; and geese, 3,989,831, valued at $6,643,746.
[5] Fowls of all kinds.

No. 563.—DAIRY PRODUCTS: FACTORY PRODUCTION BY DETAILED CLASSES

[In thousands of pounds]

Manufactured product	1926	1927	1928	1929	1930	1931
Creamery butter	1,451,766	1,496,495	1,487,049	1,507,027	1,595,231	[1] 1,667,452
Whey butter (made from whey cream)	2,872	1,217	1,097	1,221	2,516	----------
Renovated or process butter	2,505	4,286	2,716	2,531	1,850	1,236
American cheese (whole milk)	335,915	307,777	335,253	370,314	378,816	374,648
American cheese (part skim)	2,927	3,390	2,900	4,951	3,653	3,108
American cheese (full skim)	1,384	1,888	3,048	1,074	669	416
Swiss cheese (including block)	20,883	18,141	16,718	19,406	26,393	28,234
Brick and Munster cheese	31,048	31,546	28,960	31,763	33,548	35,484
Limburger cheese	9,639	8,842	7,437	8,568	8,473	8,508
Cream and Neufchatel cheese	18,192	25,962	30,589	34,405	33,213	33,637
All Italian varieties of cheese	2,425	3,377	3,587	5,948	8,573	3,493
All other varieties of cheese	5,003	5,763	9,027	7,504	7,029	4,851
Cottage, pot, and bakers' cheese	67,977	75,679	87,525	94,941	97,641	101,617
Condensed milk (sweetened):						
Skimmed	148,771	145,345	156,089	204,107	161,063	142,118
Unskimmed	210,681	201,023	177,737	197,611	184,047	143,356
Evaporated milk (unsweetened):						
Skimmed	128,743	134,185	158,243	153,624	157,802	145,502
Unskimmed	1,245,309	1,375,169	1,426,358	1,551,306	1,577,352	1,539,031
Condensed or evaporated buttermilk	86,087	99,180	102,452	107,288	96,431	64,619
Dried or powdered buttermilk	31,378	38,435	45,502	54,215	64,601	50,535
Powdered whole milk	10,768	11,464	9,605	13,202	15,440	12,627
Powdered skimmed milk	91,718	118,123	147,996	207,579	260,675	261,938
Powdered cream	331	338	673	294	400	161
Dried casein (skim-milk or buttermilk product)	16,953	18,033	22,151	30,537	41,965	35,335
Malted milk	20,673	22,116	21,128	22,850	22,691	19,197
Milk sugar (crude)	4,476	4,077	5,323	8,965	12,779	9,562
Ice cream of all kinds [2]	215,248	226,756	232,185	254,618	240,750	208,239

[1] Includes whey butter. [2] Production of ice cream shown in thousands of gallons.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 564.—WHOLE MILK REQUIRED FOR FACTORY PRODUCTS [1]

Manufactured products	Whole milk required per unit of product	1929			1930			1931		
		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			45,414	100.00		45,007	100.00		45,802	100.00
Butter [2]	20.3	1,598	32,517	71.60	1,598	32,340	71.86	1,667	33,906	74.03
Cheese (all kinds)	10.1	849	4,894	10.78	500	5,061	11.24	492	4,973	10.86
Condensed and evaporated milk	2.2	1,849	4,028	8.87	1,761	3,827	8.50	1,682	3,653	7.98
Powdered milk	7.6	13	101	.22	15	118	.26	13	96	.21
Powdered cream	19.9	[3]	6	.01	[3]	8	.02	[3]	3	.01
Malted milk	2.7	23	61	.13	23	60	.13	19	51	.11
Ice cream (factory)	3.2	1,201	3,806	8.38	1,136	3,592	7.98	983	3,121	6.81

[1] Data for all years have been revised. 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. 565.—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	1928	1929	1930	1931	1932
BUTTER							
Production, creamery	1,233,655	1,525,514	1,487,049	1,597,027	1,595,231	1,667,452	[1] 1,655,248
Receipts (5 markets) [2]	643,166	686,558	676,958	704,116	682,663	712,390	708,925
New York	238,240	259,697	250,593	265,760	268,070	274,218	282,520
Chicago	228,995	230,106	230,514	244,632	233,638	243,695	223,428
Philadelphia	68,086	83,343	84,495	87,386	83,762	90,585	92,243
Boston	81,413	81,764	87,324	81,183	72,455	77,200	81,984
San Francisco	26,431	25,648	24,032	25,155	24,738	26,692	28,750
Cold-storage holdings, Dec. 1 [2]	67,999	83,650	70,985	111,650	88,012	42,242	37,207
CHEESE							
Production, American	304,915	345,615	335,253	370,314	378,816	374,648	[1] 352,606
Receipts (5 markets) [2]	207,821	193,189	196,613	178,899	164,199	148,656	157,022
New York	48,127	48,730	48,272	50,911	52,165	56,005	61,195
Chicago	115,674	95,138	97,264	80,823	58,866	41,555	42,804
Philadelphia	18,920	20,406	21,039	19,973	21,167	20,949	22,081
Boston	14,336	15,834	17,362	14,899	16,882	17,240	16,593
San Francisco	10,763	13,062	12,676	12,293	15,119	12,907	14,349
Cold-storage holdings, Dec. 1: [3]							
American	50,330	66,770	74,325	71,065	71,132	60,583	62,392
All other	16,150	16,412	15,645	15,884	16,039	17,982	11,524

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BUTTER												
Production, creamery:												
1930	108,382	102,252	115,679	133,271	184,385	189,788	167,559	137,420	122,580	120,247	101,974	111,694
1931	118,354	109,596	126,792	145,367	183,783	194,256	161,296	140,395	120,936	126,569	117,035	123,073
1932 [1]	121,685	119,404	129,198	137,923	184,133	186,736	159,162	145,763	124,012	119,326	108,927	118,979
Receipts (5 markets):												
1930	50,875	47,966	55,180	59,127	74,504	82,334	72,662	52,334	47,744	45,528	43,118	51,291
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
CHEESE												
Production, American:												
1930	23,666	23,031	28,502	34,143	48,545	53,887	45,582	33,555	26,705	23,581	18,781	18,838
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 [1]	20,202	21,569	25,337	27,686	38,942	45,718	35,924	33,503	31,089	27,584	21,880	23,172
Receipts (5 markets):												
1930	12,526	12,466	12,904	13,026	15,473	17,895	17,435	14,953	14,510	12,225	10,783	10,003
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	12,076	11,759	10,765	13,972	15,730	16,492	14,855	12,771	13,329	12,505	11,497

[1] Estimates. [2] Gross weight. [3] Net weight.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 566.—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 except for butterfat which are for the year beginning May of the year specified

Year (see headnote)	Butter		Butterfat (farm)	Cheese (New York)
	Farm	New York		
1913	26.7	32	(1)	15
1921	37.0	43	34.0	21
1923	40.4	47	42.4	[2] 25
1924	39.4	43	38.1	21
1925	40.7	45	42.6	24
1926	41.1	44	42.5	[3] 23
1927	42.3	47	43.6	[4] 25
1928	43.7	47	45.8	[2] 25
1929	43.8	45	41.8	24
1930	36.8	37	34.8	19
1931	27.4	28	24.7	15
1932	20.7	21	17.6	13

Month	Butter (New York)		Butterfat (farm)		Cheese (New York)	
	1926–1930, avg.	1932	1926–1930, avg.	1932	1926–1930, avg.	1932
January	46	24	45.0	22.8	24	14
February	46	22	43.8	19.8	23	13
March	45	23	44.1	19.5	22	13
April	44	20	43.3	17.8	22	12
May	42	19	41.8	16.3	21	12
June	41	17	39.8	14.6	23	11
July	41	18	39.4	14.4	23	(1)
August	43	20	40.2	17.5	24	14
September	45	21	42.2	17.6	25	14
October	46	21	43.3	17.8	24	14
November	46	23	43.4	18.4	23	13
December	46	24	43.5	21.1	22	13

[1] Not available. [2] 11-month average. [3] 9-month average. [4] 7-month average.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 567.—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
1912	128,601	6,236	122,365
1913	145,228	6,520	138,707
1914	144,021	6,384	137,637
1915	145,810	7,595	138,215
1916	152,510	6,749	145,761
1917	233,170	8,012	225,158
1918	326,529	6,595	319,934
1919	359,217	13,849	345,368
1920	391,280	15,624	375,656
1921	281,082	11,601	269,481
1922	190,950	6,604	184,346
1923	209,182	8,260	200,922
1924	239,699	11,548	228,151
1925	215,403	11,280	204,123
1926	248,047	13,181	234,866
1927	257,157	14,502	242,655
1928	294,699	15,351	279,348
1929	333,122	16,306	316,816
1930	349,124	17,103	332,021
1931	277,773	8,847	268,926
1932	215,342	4,636	210,706
1931 [1]			
Total	221,953	6,146	215,807
Combined animal and vegetable oil	56,872	3,996	52,876
Exclusively vegetable oil	165,081	2,150	162,931
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

District or material	Year ended June 30—			
	1929	1930	1931	1932
PRODUCTION BY STATES				
California	37,444	38,823	31,049	26,175
Colorado	1,102	1,619	856	552
Illinois	153,044	157,955	120,422	93,062
Indiana	3,516	4,369	3,914	4,592
Kansas	20,258	23,440	18,799	16,388
Maryland	9,022	8,820	6,120	4,829
Massachusetts	3,968	3,462	2,391	1,692
Michigan	4,564	6,374	8,637	9,436
Minnesota	3,510	2,769	1,731	1,107
Missouri	11,247	12,735	10,766	6,286
Nebraska	3,208	2,899	2,183	1,341
New Jersey	32,123	31,471	24,534	21,216
Ohio	31,252	31,523	29,074	24,716
Oregon	3,431	4,224	2,569	664
Rhode Island	777	1,074	710	339
Texas	3,897	4,845	3,410	2,338
Wisconsin	8,571	9,191	5,886	
All other	2,177	3,531	4,724	670
MATERIAL CONSUMED				
Total	410,937	424,648	334,691	247,365
Oleo oil	47,185	45,322	28,040	15,315
Coconut oil	171,412	185,066	155,954	127,967
Cottonseed oil	28,173	30,214	22,037	14,874
Milk	94,752	97,753	77,251	54,267
Palm oil	1,340	1,102	2,773	314
Peanut oil	6,617	5,714	5,291	3,780
Salt	27,311	28,890	22,981	14,059
Oleostearine	5,834	6,269	5,485	4,337
Neutral lard	24,189	19,632	10,180	10,557
Oleo stock	1,294	1,189	1,025	641
Butter	2,611	2,616	1,013	39
Miscellaneous	1,559	1,983	2,862	625

[1] Calendar year.

Source: Commissioner of Internal Revenue, Treasury Department, and Bureau of Agricultural Economics, Department of Agriculture.

No. 568.—CHICKENS ON FARMS, CHICKENS RAISED, AND EGGS PRODUCED

NOTE.—For additional figures for United States as a whole, see Table 562

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, 587	409, 291	378, 678	473, 201	545, 848	873, 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	53, 153	151, 453	216, 632	253, 507
New York	10, 415	13, 409	11, 954	11, 873	14, 941	19, 518	62, 175	87, 167	97, 927
New Jersey	2, 534	4, 114	4, 097	3, 523	5, 492	7, 995	13, 280	27, 417	35, 956
Pennsylvania	14, 503	17, 306	15, 446	15, 664	19, 346	25, 640	75, 998	102, 048	119, 624
East North Central	84, 516	89, 623	77, 684	99, 252	113, 867	137, 853	400, 445	441, 682	543, 261
Ohio	20, 233	20, 027	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, 884	198, 438	474, 592	543, 568	778, 028
Minnesota	13, 213	15, 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, 097	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, 556	2, 130	1, 950	2, 146	2, 766	3, 421	6, 531	9, 577	14, 424
East South Central	34, 092	34, 969	28, 617	51, 071	51, 103	54, 741	138, 152	113, 735	176, 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	15, 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, 467	34, 566
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, 402
Oklahoma	11, 137	13, 023	11, 471	16, 817	19, 070	23, 292	45, 440	51, 477	80, 514
Texas	18, 063	19, 741	21, 526	25, 830	26, 625	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, 851	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. 569.—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	1928	1929	1930	1931	1932
Chickens, average farm price	17.6	19.1	20.3	21.2	21.5	17.6	15.0	11.0
Turkeys, average farm price, Nov. 15	22.0	27.6	27.8	31.2	27.1	20.1	18.3	12.9
Dressed poultry, receipts:								
Boston	-------	49,696	53,554	55,583	54,433	51,289	57,782	58,213
New York	-------	155,266	194,666	194,376	197,057	200,885	218,911	195,445
Philadelphia	-------	25,151	33,398	31,844	34,664	36,536	38,193	36,447
Chicago	-------	77,895	76,414	67,180	93,368	80,153	71,475	65,349

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chickens, average farm price:												
1931	15.7	15.1	16.1	16.7	15.9	16.1	15.8	16.2	16.7	14.4	14.4	13.9
1932	13.3	12.6	12.6	12.6	12.2	11.4	11.7	11.7	11.6	10.7	10.1	9.2
Receipts of poultry, 1931:												
Boston	4,840	4,565	3,846	2,976	2,559	3,216	3,476	3,635	3,787	4,434	9,698	10,750
New York	17,969	13,396	9,920	10,073	10,553	13,657	15,242	18,204	21,147	18,749	33,029	36,882
Philadelphia	2,384	2,179	2,863	1,754	1,560	2,509	2,729	2,876	2,555	2,524	6,018	8,243
Chicago	7,770	4,529	3,563	2,320	2,309	2,501	3,130	3,673	4,642	4,397	14,203	18,438
Receipts of poultry, 1932:												
Boston	4,141	3,927	4,094	2,730	2,907	3,255	2,339	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	2,467	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	1,423	1,326	853	1,616	3,333	5,232	19,736	19,752

No. 570.—EGGS: PRICES, RECEIPTS AT PRINCIPAL MARKETS, AND STORAGE

[Prices in cents per dozen: receipts and storage in thousands of cases]

	1910–1914, average	1921–1925, average	1926–1930, average	1931	1932
Average farm price	22	31	28	17	13
Wholesale prices:					
Western firsts, Boston	25	37	34	22	20
Fresh firsts, New York	25	37	33	22	21
Western extra firsts, Philadelphia	26	40	37	25	22
Fresh firsts, Chicago	22	34	32	20	18
Fresh extras, San Francisco	32	41	34	25	22
Average export value	22	29	29	23	22

	1921–1925, average	1926–1930, average	1931	1932
Receipts:				
Boston	1,880	1,763	1,636	1,439
New York	6,799	7,176	7,601	6,702
Philadelphia	1,048	1,661	1,730	1,496
Chicago	4,605	4,590	4,314	3,412
San Francisco	801	756	753	725
Total cold-storage holdings:				
July 31	9,513	10,249	9,504	6,431
Dec. 31	1,372	1,394	1,475	159

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average farm price:												
1930	38	32	21	22	20	19	19	21	25	26	32	27
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
Wholesale price, fresh firsts, New York:												
1931	24	20	22	20	19	19	20	22	24	24	28	27
1932	19	18	15	15	16	16	16	20	22	26	34	33
Receipts, 1931:												
Boston	126	153	198	207	219	188	125	108	95	77	62	78
New York	478	530	940	1,116	1,052	868	568	516	434	398	304	347
Philadelphia	133	148	189	205	184	186	141	132	124	92	97	99
Chicago	231	367	634	867	709	559	290	238	191	96	61	71
San Francisco	58	66	85	83	72	61	56	59	49	59	54	56
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	60	73
San Francisco	72	68	77	75	63	62	57	64	51	46	45	45

Source of tables 569 and 570: Bureau of Agricultural Economics, Department of Agriculture.

No. 571.—COLD-STORAGE HOLDINGS OF ANIMAL PRODUCTS AND FROZEN FISH

NOTE.—All figures are in thousands of pounds, except shell eggs and total meats, which are in thousands of 30-dozen cases and millions of pounds, respectively. Quantities are net weights and are as of 1st of each month. Beef and pork figures include frozen, cured, and in process of cure

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1928	46, 289	28, 273	14, 404	5, 716	5, 109	15, 952	69, 750	120, 437	136, 175	128, 071	105, 811	70, 985
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	106, 522	145, 061	143, 089	131, 480	109, 646	88, 012
1931	63, 401	46, 792	30, 672	18, 010	17, 195	35, 155	89, 172	115, 121	104, 678	80, 152	56, 229	42, 242
1932	26, 643	22, 506	15, 243	9, 094	10, 394	29, 160	84, 269	110, 247	107, 250	89, 490	66, 828	37, 207
American cheese:												
1928	47, 765	41, 793	36, 710	31, 887	30, 207	36, 716	53, 646	73, 088	83, 906	81, 833	82, 318	74, 325
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	63, 555	66, 813	62, 392
All varieties of cheese:												
1928	64, 035	55, 862	48, 784	43, 303	41, 791	48, 990	68, 613	89, 708	101, 498	98, 339	97, 421	89, 970
1929	85, 730	74, 016	63, 968	58, 153	54, 618	61, 097	79, 724	98, 070	106, 009	102, 849	94, 879	86, 949
1930	80, 623	69, 223	61, 891	55, 343	53, 025	63, 127	90, 421	108, 899	107, 219	103, 691	96, 393	87, 171
1931	79, 015	69, 471	61, 841	54, 270	53, 172	55, 939	72, 977	84, 103	86, 418	83, 426	81, 743	78, 565
1932	78, 318	70, 682	60, 962	54, 021	50, 764	52, 118	66, 531	76, 327	79, 847	81, 406	78, 274	73, 916
Shell eggs:												
1928	882	26	66	1, 087	4, 515	8, 168	10, 002	10, 496	9, 944	8, 542	6, 247	3, 542
1929	1, 415	248	11	559	3, 952	6, 705	8, 510	8, 962	8, 547	7, 195	4, 930	2, 631
1930	704	130	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, 803	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
Frozen eggs:[1]												
1928	47, 020	38, 575	31, 362	34, 411	51, 532	67, 941	77, 744	81, 670	89, 196	82, 255	73, 327	64, 201
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	76, 664	106, 904	115, 134	116, 272	113, 138	106, 631	98, 359	89, 571
1931	83, 184	75, 685	73, 389	78, 051	91, 517	100, 607	113, 513	114, 700	110, 271	103, 302	94, 316	86, 407
1932	79, 198	72, 439	68, 024	69, 031	81, 920	94, 978	100, 485	99, 112	92, 967	84, 187	74, 314	64, 150
Frozen poultry:												
1928	117, 490	118, 154	103, 494	83, 169	56, 832	43, 872	38, 230	40, 395	40, 749	43, 578	58, 093	79, 173
1929	109, 684	102, 380	89, 088	68, 728	52, 901	41, 643	42, 001	40, 896	40, 010	61, 976	86, 873	115, 876
1930	140, 723	141, 552	133, 172	105, 708	77, 420	61, 167	54, 253	46, 967	42, 589	46, 938	59, 269	82, 925
1931	104, 913	101, 307	95, 188	69, 986	45, 920	35, 348	32, 762	30, 438	43 056	56, 215	65, 668	89, 971
1932	116, 700	111, 554	96, 422	74, 660	56, 676	44, 829	36, 661	31, 471	30, 305	36, 683	54, 989	91, 118
Beef:												
1928	76, 947	71, 651	63, 749	57, 256	46, 194	37, 212	32, 238	32, 442	31, 065	37, 223	58, 036	79, 633
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
Pork:												
1928	523, 425	655, 638	885, 916	997, 737	960, 672	919, 366	915, 360	819, 185	682, 015	515, 087	433, 160	461, 762
1929	670, 039	838, 280	944, 742	921, 961	923, 558	870, 785	841, 937	814, 354	719, 400	600, 498	491, 402	489, 629
1930	620, 986	687, 106	785, 564	752, 996	711, 700	675, 167	679, 221	651, 444	550, 959	447, 427	356, 806	411, 704
1931	521, 192	726, 264	853, 408	843, 671	867, 524	827, 751	774, 651	711, 811	595, 063	474, 887	380, 895	396, 583
1932	563, 306	674, 151	812, 399	792, 197	799, 064	795, 866	724, 271	643, 052	578, 876	498, 253	433, 548	403, 898
All meats:												
1928	666	796	1, 025	1, 133	1, 079	1, 023	1, 013	917	772	604	548	607
1929	857	1, 025	1, 128	1, 097	1, 035	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
Frozen fish:[2]												
1928	53, 921	44, 877	34, 528	26, 473	26, 513	40, 946	53, 140	66, 170	71, 352	73, 410	77, 677	78, 090
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, 504	25, 916	28, 622	34, 311	41, 306	51, 581	59, 269	63, 073	62, 104	55, 738
Lard:												
1928	54, 855	84, 007	121, 082	164, 506	173, 088	186, 073	214, 479	204, 939	177, 888	126, 890	83, 474	67, 257
1929	85, 217	140, 526	173, 864	179, 428	184, 748	183, 490	199, 699	203, 010	180, 085	153, 690	99, 845	68, 517
1930	82, 098	92, 171	111, 914	105, 067	104, 905	115, 270	120, 322	118, 353	88, 868	69, 732	36, 211	31, 582
1931	51, 434	62, 624	74, 977	78, 249	95, 693	103, 366	115, 561	121, 926	96, 047	69, 296	39, 766	34, 824
1932	51, 224	78, 430	92, 861	105, 635	111, 007	128, 103	130, 363	121, 618	100, 577	70, 656	34, 410	29, 766

[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. 572.—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 1830 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	3,910	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	6,604	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	535	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	250,153	356,839	1,055	2,184	1926	318,500	200,451	292	14,082
1898	266,721	99,850	91	4,592	1927	340,009	264,507	323	10,710
1899	272,101	105,858	8,511	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	176,203	440	3,212	1931	438,328	157,800	274	1,089
1903	287,450	173,594	384	3,267	1932	411,454	56,310	179	3,593
1904	291,783	186,573	184	2,165					
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. 573.—WOOL: Prices, Value of Imports, and Receipts at Boston

	1910–1913, average	1914–1920, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932
Prices (cents per pound):								
Average United States farm price, unwashed	18	38	32	30	31	20	14	9
Ohio and Pennsylvania, fine clothing, unwashed, at Boston	23	46	44	35	34	24	21	15
Territory, fine staple scoured, at Boston	60	127	126	103	98	76	63	47
Value of United States imports (thous. of dollars):								
Clothing [1]	15,659	140,084	17,137	6,050	6,966	3,841	1,528	743
Combing [1]	3,994	5,901	53,317	36,231	31,901	13,343	6,140	1,577
Carpet	13,540	25,380	29,675	34,300	46,988	18,903	14,354	3,602
Receipts at Boston (thousands of pounds):								
Total	290,150	424,336	364,125	322,111	305,397	312,758	300,087	230,173
Domestic	200,047	184,380	162,090	210,240	206,946	246,245	253,796	212,617
Foreign	84,103	239,956	202,026	111,871	98,451	66,513	46,291	17,556

[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. 574.—WOOL: Estimated Production and Weight Per Fleece

Note.—Only States with a production in 1932 of over 2,500,000 pounds are shown separately

State	1925	1926	1927	1928	1929	1930	1931	1932	Average weight per fleece [1] (pounds) 1932
United States	252,832	268,900	289,909	314,588	327,566	350,311	372,228	344,354	7.85
New York	2,898	3,081	3,212	3,096	3,096	3,110	3,008	2,736	7.2
Pennsylvania	2,805	2,730	2,730	2,898	2,982	3,108	3,248	3,270	7.5
Ohio	14,467	14,760	15,662	14,776	14,861	15,066	15,453	15,455	8.1
Indiana	3,562	3,715	3,922	4,402	4,500	4,752	4,980	4,782	7.3
Illinois	3,352	3,794	4,186	4,166	4,514	4,815	4,843	4,559	7.4
Michigan	7,416	7,600	8,446	8,774	8,480	8,400	8,526	8,282	8.2
Wisconsin	2,260	2,475	2,774	2,888	2,888	3,225	3,205	3,145	7.4
Minnesota	3,151	3,634	4,211	4,700	5,372	6,115	6,591	6,638	7.5
Iowa	5,440	5,520	5,880	6,320	6,800	7,040	7,920	7,901	7.8
Missouri	5,537	5,500	5,505	5,686	6,699	6,865	7,304	7,048	6.7
North Dakota	2,263	2,772	3,654	4,250	5,287	6,264	7,012	7,802	8.3
South Dakota	4,446	4,772	5,418	6,149	7,003	7,794	8,320	8,960	8.0
Kansas	2,028	2,183	2,393	2,710	3,172	3,365	3,243	3,168	6.8
West Virginia	2,272	2,205	2,263	2,646	2,798	2,844	3,021	2,994	5.3
Kentucky	3,125	3,278	3,658	3,807	3,901	4,175	4,233	4,275	5.0
Texas	27,056	28,900	34,725	40,120	46,779	48,262	53,360	57,105	8.1
Montana	20,158	23,051	24,693	26,970	31,122	34,034	38,313	32,300	9.6
Idaho	15,438	15,798	15,555	17,425	18,156	18,156	19,419	16,500	8.5
Wyoming	22,500	22,338	20,460	27,900	26,502	29,702	36,000	30,510	9.0
Colorado	6,956	8,132	8,877	11,300	12,269	13,446	13,541	12,000	7.5
New Mexico	12,033	13,084	14,023	14,824	15,230	16,870	16,632	16,600	6.6
Arizona	6,252	6,283	6,200	5,978	5,820	5,640	5,520	5,220	6.0
Utah	18,438	20,093	20,915	23,064	20,655	24,440	23,940	18,160	8.0
Nevada	7,560	8,508	8,015	8,923	7,777	7,944	8,880	6,705	7.5
Washington	4,750	4,998	5,233	5,635	5,485	6,175	6,192	5,506	9.1
Oregon	16,958	18,321	18,128	20,332	19,531	21,375	22,000	18,030	8.1
California	21,572	22,057	23,996	25,084	25,730	25,779	26,095	24,219	7.2
Other States	8,149	8,718	9,175	9,765	10,357	10,950	8,143	9,884	5.2
Pulled wool [2]	46,800	49,600	50,100	51,900	54,500	61,900	66,100	67,100	----------

[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. 575.—WOOL CONSUMED IN MANUFACTURES: 1928 to 1932

Note.—All figures in thousands of pounds. These figures do not include the consumption of one large and several small concerns. The grease equivalent of the totals shown below is as follows: 1928, 538,354,229 pounds; 1929, 585,558,000; 1930, 430,104,000; 1931, 513,743,000; 1932, 385,521,000.

Class and grade	Total					1932		
	1928	1929	1930	1931	1932	Grease	Scoured	Pulled
Total	465,018	516,113	377,790	459,813	338,849	273,586	37,376	27,887
Domestic	271,215	283,622	233,759	319,746	266,470	210,042	32,604	23,824
Foreign	193,803	232,491	144,031	140,067	72,379	63,544	4,772	4,063
Combing:								
Domestic	200,152	219,706	186,089	269,613	219,554	203,158	3,498	12,898
Foreign	48,859	65,607	52,770	33,317	12,441	9,831	1,954	656
Clothing:								
Domestic	71,063	63,916	46,761	50,133	46,916	6,884	29,106	10,926
Foreign	9,117	10,782	6,398	6,154	1,968	541	1,125	302
Clothing and combing combined:								
Fine	118,099	142,278	135,212	155,058	121,647	110,093	7,083	4,471
One-half blood	61,535	64,285	54,726	70,238	55,035	40,936	8,054	7,045
Three-eighths blood	63,018	65,896	43,242	64,241	47,088	28,267	10,009	8,812
One-fourth blood	61,273	58,181	39,733	48,036	42,238	32,271	6,551	3,416
Low or Lincoln	25,266	29,371	20,015	21,644	13,871	8,847	3,986	1,038
Carpet	135,827	156,102	84,862	100,596	57,970	53,172	1,693	3,105

Sources: Table 574, Bureau of Agricultural Economics, Department of Agriculture; Table 575, Bureau of the Census, Department of Commerce.

No. 576.—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	588,166	551,700	110,162	112,729	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	2,286
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					3,057,216	3,434,654	2,180,893
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	67,049
Mutton and lamb	do	547,473	601,719	771,578	130,283	145,416	116,747
Pork	do	3,110,253	3,571,277	3,467,078	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	21,740	13,235
Pork	do	3,134,172	3,528,181	3,026,928	602,726	668,697	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	119,049	116,302	70,947	22,386	21,848	8,967
Lard	do	1,794,636	2,041,211	1,749,798	234,864	248,008	149,492
Oleo oil and stock	do	129,063	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	37,038
Calf skins	do	53,581	50,574	67,300	11,160	10,289	7,603
Sheep and lamb pelts	Number	8,961	10,468	14,880	15,964	18,378	8,301
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 production of sausage (not canned), meat puddings, etc., in all industries in 1929 was $290,479,000 and in 1931, $195,077,031; of sausage casings, 1929, $32,616,000; 1931, $13,504,953.

[5] Wool detached from skins in meat-packing establishments only. For value of products of establishments engaged primarily in wool pulling, see p. 700.

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 456). Any exceptions are noted. For weights of the units of measurement for the principal products see Appendix, p. 767]

No. 577.—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	1900	81	1911	91	1922	[1] 102
1895–1899	78	1901	74	1912	110	1923	[1] 101
1900–1904	84	1902	91	1913	95	1924	[1] 104
1905–1909	94	1903	84	1914	107	1925	[1] 106
1910–1914	100	1904	92	1915	116	1926	[1] 106
1915–1919	107	1905	94	1916	100	1927	[1] 107
1920–1925	103	1906	99	1917	108	1928	[1] 112
1926–1930	106	1907	89	1918	107	1929	[1] 105
1897	75	1908	94	1919	[1] 103	1930	[1] 99
1898	85	1909	94	1920	[1] 112	1931	[1] 107
1899	82	1910	97	1921	[1] 95	1932	104

[1] Production data revised to basis of decennial census.

No. 578.—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; 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	80.9	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

No. 579.—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. Data for 1932 have not been computed

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	1897	$9.07	1909	$16.00	1921	$13.43
1876–1880	11.89	1898	9.00	1910	15.53	1922	18.15
1881–1885	11.33	1899	9.13	1911	15.36	1923	20.42
1886–1890	9.97	1900	10.31	1912	16.09	1924	22.81
1891–1895	9.71	1901	11.43	1913	16.49	1925	20.62
1896–1900	9.09	1902	12.07	1914	16.44	1926	17.94
1901–1905	12.53	1903	12.62	1915	17.18	1927	19.85
1906–1910	15.01	1904	13.26	1916	22.58	1928	19.36
1911–1915	16.31	1905	13.28	1917	33.27	1929	19.14
1916–1920	29.00	1906	13.46	1918	33.73	1930	13.29
1921–1925	19.09	1907	14.74	1919	33.77	1931	9.50
1926–1930	17.92	1908	15.32	1920	21.63		

Source of Tables 577, 578, and 579: Bureau of Agricultural Economics, Department of Agriculture.

No. 580.—ACREAGE OF 45 CROPS AND VALUE OF 78 CROPS: BY STATES

[Acres in thousands; value in thousands of dollars]

Division and State	Acreage of 45 crops [1]			Value of 78 crops [2]		
	1930	1931	1932	1930	1931	1932
United States	357,150	349,595	352,509	[3] 6,432,151	[3] 4,536,529	[3] 3,500,617
New England	3,599	3,577	3,564	193,262	134,382	107,413
Maine	1,338	1,331	1,324	64,905	36,367	29,923
New Hampshire	383	377	369	14,294	10,722	8,628
Vermont	1,062	1,068	1,075	29,429	22,817	20,231
Massachusetts	410	406	405	44,487	36,017	26,823
Rhode Island	49	47	48	4,690	3,871	2,786
Connecticut	357	348	343	35,457	24,588	19,022
Middle Atlantic	13,424	13,342	13,272	482,574	354,429	266,148
New York	6,509	6,483	6,508	226,378	160,571	120,784
New Jersey	656	643	637	66,341	46,461	39,680
Pennsylvania	6,259	6,216	6,127	189,855	147,397	105,684
East North Central	55,369	56,395	54,735	1,020,533	732,135	519,429
Ohio	9,696	9,968	9,426	194,451	161,990	95,685
Indiana	10,271	10,783	10,337	166,433	119,978	79,818
Illinois	18,522	18,702	18,206	280,686	197,354	134,898
Michigan	7,332	7,415	7,236	163,304	116,262	96,160
Wisconsin	9,548	9,527	9,530	215,659	136,551	112,868
West North Central	140,037	132,611	137,742	1,489,898	891,529	669,934
Minnesota	18,392	18,699	18,706	249,496	155,604	119,681
Iowa	22,423	22,203	22,269	357,877	207,051	147,504
Missouri	13,182	13,352	12,826	161,391	143,351	98,310
North Dakota	21,287	16,225	21,528	136,830	56,317	67,840
South Dakota	18,219	15,109	17,697	130,078	43,676	54,890
Nebraska	21,908	21,748	21,602	243,888	129,690	91,739
Kansas	24,626	25,185	23,114	210,336	155,840	89,970
South Atlantic	27,624	27,979	27,535	895,485	644,937	486,866
Delaware	381	381	377	12,855	10,331	7,504
Maryland	1,659	1,661	1,639	47,653	42,349	31,194
Virginia	3,677	3,802	3,575	105,720	99,419	66,217
West Virginia	1,373	1,448	1,409	34,592	36,819	26,803
North Carolina	6,171	6,160	6,048	236,668	158,107	129,540
South Carolina	4,584	4,549	4,531	126,508	81,190	63,002
Georgia	8,608	8,782	8,764	204,723	124,806	87,512
Florida	1,171	1,196	1,192	126,746	91,916	75,094
East South Central	24,985	26,015	25,492	554,951	450,331	345,896
Kentucky	4,963	5,308	5,042	113,869	113,214	90,599
Tennessee	5,952	6,179	6,101	135,899	109,903	83,188
Alabama	7,393	7,518	7,515	159,827	112,020	86,042
Mississippi	6,687	6,920	6,834	145,356	115,194	86,067
West South Central	57,576	59,490	58,763	788,958	648,813	521,156
Arkansas	6,817	6,867	6,745	97,669	116,032	82,375
Louisiana	4,242	4,288	4,092	111,746	88,448	70,456
Oklahoma	14,910	15,692	15,038	134,573	112,202	86,463
Texas	31,607	32,643	30,878	444,070	332,131	281,862
Mountain	23,365	19,538	22,006	380,452	224,513	191,748
Montana	7,758	4,979	7,776	65,302	36,706	46,024
Idaho	3,012	2,714	3,016	75,891	49,207	42,824
Wyoming	2,036	1,793	1,939	28,075	17,998	14,027
Colorado	7,103	6,580	5,723	123,016	61,147	40,646
New Mexico	1,378	1,637	1,549	21,150	17,828	11,043
Arizona	515	452	438	29,152	16,950	13,791
Utah	1,170	1,113	1,186	31,243	21,225	19,577
Nevada	303	240	379	6,623	3,392	3,816
Pacific	11,174	10,651	11,412	620,000	450,303	388,160
Washington	3,468	3,564	3,520	122,569	81,224	65,906
Oregon	2,618	2,527	2,729	72,589	52,184	45,096
California	5,088	4,560	5,163	424,842	316,895	277,158

[1] Acreage of principal field crops excluding duplication.
[2] Values are based on weighted average prices for the crop marketing season or Dec. 1 prices.
[3] Totals include sugar beets for minor producing States for which separate estimates are not available as follows: 1930, $6,060,000; 1931, $5,157,000; 1932, $3,867,000.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 581.—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] 343,549	[2] 361,945						5,231,851	14,754,978	8,077,812
Cereals	184,982	191,470	219,138	202,218	Bushel	4,438,867	4,513,398	4,682,784	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	3,807,797	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	25,509	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	32,040
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		10,605	39,462
Other grains and seeds	4,075	5,084	4,596	13,318						96,964	273,785	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	4,042	4,042	6,925	55,417	31,137
Alfalfa seed				525	do		263	2,044	989	2,052		11,314
Timothy seed				454	do		2,879	2,587	1,396	4,019	13,674	2,788
Millet seed				34	do	3,516	588	1,311	449	492	3,683	424
Other grass seed				346	do		1,915	1,909	1,831	1,650	8,070	2,881
Miscellaneous grains and seeds		8	68	88	do					1,607	13,646	4,095
Hay and forage, excluding corn cut for fodder	61,691	72,402	81,618	76,204	Ton [6]	79,252	97,755	128,549	121,025	826,401	2,316,116	1,186,206
Hay alone	58,584	68,227	72,780	67,828	do	71,113	87,216	90,356	85,281	776,068	1,953,149	988,437
Corn cut for fodder			14,503	6,264	do			17,794			206,935	
Vegetables	5,638	7,073	5,479	6,406						418,110	1,298,721	1,004,568
Potatoes (Irish or white)	2,939	3,609	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	5,998	7,135	19,696	66,052	51,037
Maple sirup and sugar										5,178	12,381	5,192

Other crops	25,663	33,730	35,977	53,038						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										141,870	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	10,209	40,984	18,646
Cherries					do	2,873	4,126	3,946	4,067	7,231	14,166	17,004
Figs					Pound	12,995	35,060	26,877	133,645	804	2,812	6,628
Apricots					Bushel	2,642	4,150	6,130	7,100	2,884	12,223	12,524
All other					do	630	494	71	145	529	141	215
Grapes					Pound	1,300,984	2,265,065	2,516,840	3,883,397	22,028	95,586	56,169
Subtropical fruits										23,903	112,057	217,447
Oranges [10]					Box	6,168	19,487	27,833	53,731	17,566	83,663	148,473
Lemons					do	877	2,770	6,585	9,338	2,994	19,102	43,219
Grapefruit (pomeloes)					do	31	1,189	3,656	8,722	2,061	7,177	22,732
All other										1,282	2,115	3,023
Nuts										4,448	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. 582.—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] 35,802
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	20,680	2,260	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	83,361	[6] 224	172,480	4,632	4,303	181,000
1880	1,717,435	498,550	111,869	[5] 1,120	285,302	6,606	6,357	232,500
1884	1,795,528	512,765	109,562	2,134	225,962	5,682	5,477	300,000
1885	1,936,176	357,112	150,195	1,344	302,754	6,576	6,369	308,000
1886	1,665,441	457,218	155,670	1,792	191,282	6,505	6,315	302,000
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	1,908,648	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	8,502	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	11,189	11,435	266,721
1899	2,464,628	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	388,036	369,212	728,650	9,583	9,510	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	2,807,662	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	2,648,826	952,097	1,106,259	1,452,902	244,250	11,326	11,421	298,258
1920	3,049,317	843,309	1,446,289	2,178,000	352,228	13,271	13,440	293,517
1921	2,912,091	818,964	1,044,786	2,041,000	655,399	7,978	7,954	289,965
1922	2,688,531	846,673	1,150,148	1,350,000	591,470	9,729	9,755	270,109
1923	2,860,438	759,506	936,591	1,702,000	329,646	10,171	10,140	272,395
1924	2,305,196	840,091	894,618	2,180,000	[9] 176,965	13,639	13,628	280,931
1925	2,853,183	668,982	923,591	1,826,000	[9] 278,763	16,123	16,104	299,632
1926	2,674,602	833,544	1,179,926	1,794,000	[9] 94,332	17,755	17,977	318,500
1927	2,677,742	874,633	1,243,177	2,186,000	[9] 141,587	12,783	12,955	340,009
1928	2,714,591	926,130	1,206,076	2,122,000	[9] 264,107	14,297	14,478	366,488
1929	2,535,386	812,573	1,127,898	2,036,000	[9] 399,217	14,548	14,828	382,066
1930	2,050,641	857,427	1,247,871	2,416,000	[9] 367,387	13,756	13,932	412,211
1931	2,567,306	900,219	1,278,121	2,312,000	[9] 313,234	16,629	17,096	438,328
1932 [10]	2,903,045	726,831	1,093,231	2,714,000	[9] 445,520	12,710	13,002	411,454

[1] In terms of cleaned. Figures for 1800 to 1903 represents 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 wool 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. 583.—ACREAGE, PRODUCTION, AND VALUE OF PRINCIPAL CROPS: ESTIMATES OF THE DEPARTMENT OF AGRICULTURE

NOTE.—Tons are of 2,000 pounds. For weights of the units of measurement for principal products, see Appendix, p. 767. 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	Area	Production	Farm value, Dec. 1	Yield per acre	Farm price, Dec. 1	Area	Production	Farm value, Dec. 1	Yield per acre	Farm price, Dec. 1
	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	1,046,032	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	2,754,104	1,644,511	26.1	59.7	51,910	806,361	705,890	15.5	87.5
1916–1920	104,970	2,766,594	3,035,191	26.4	109.7	58,529	797,963	1,483,353	13.6	185.9
1921–1925	101,037	2,723,888	1,831,765	27.0	67.2	57,557	786,843	862,218	13.7	109.6
1926–1930	99,349	2,512,392	1,767,945	25.3	70.4	59,913	860,861	861,576	14.4	100.1
1916	105,296	2,566,927	2,280,729	24.4	88.9	52,316	636,318	1,019,968	12.2	160.3
1917	110,730	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	97,407	2,648,826	3,558,193	27.2	134.3	73,700	952,097	2,028,518	12.9	213.1
1920	100,950	3,049,317	2,000,567	30.2	65.6	62,358	843,309	1,208,339	13.5	143.3
1921	102,798	2,912,091	1,201,472	28.3	41.3	64,566	818,964	739,893	12.7	90.3
1922	99,835	2,688,531	1,748,472	26.9	65.0	61,397	846,673	837,470	13.8	98.9
1923	100,801	2,860,438	2,041,984	28.4	71.4	56,920	759,506	694,363	13.3	91.4
1924	100,420	2,305,196	2,255,018	23.0	97.8	52,460	840,091	1,099,262	16.0	130.9
1925	101,331	2,853,183	1,911,881	28.2	67.0	52,441	668,982	940,101	12.8	140.5
1926	99,452	2,574,602	1,643,276	25.9	63.8	56,815	833,544	1,006,345	14.7	120.7
1927	98,357	2,677,742	1,923,512	27.2	71.8	59,628	874,633	977,406	14.7	111.8
1928	100,336	2,714,591	2,024,860	27.1	74.6	59,309	926,130	908,084	15.6	98.1
1929	97,806	2,535,386	[1] 2,024,004	25.9	[2] 79.8	62,671	812,573	[1] 840,658	13.0	[2] 103.5
1930	100,793	2,050,641	[1] 1,224,074	20.4	[2] 59.4	61,140	857,427	[1] 575,385	14.0	[2] 67.1
1931	105,301	2,567,306	[1] 824,869	24.4	[2] 32.1	55,344	900,219	[1] 352,151	16.3	[2] 39.1
1932 (prel.)	107,729	2,908,045	[1] 566,930	27.0	[2] 19.5	55,177	726,831	[1] 254,525	13.2	[2] 35.0
	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	42,351	1,387,013	848,705	32.8	61.2	5,170	68,097	96,139	13.2	141.2
1921–1925	42,433	1,250,707	492,845	29.5	39.4	4,805	63,553	47,600	13.2	74.9
1926–1930	40,202	1,189,317	468,301	29.6	39.4	3,312	40,542	30,475	12.2	75.2
1916	41,527	1,251,837	655,928	30.1	52.4	3,213	48,862	59,676	15.2	122.1
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	138,088	14.2	151.6
1919	39,599	1,106,426	777,064	27.9	70.2	7,129	75,308	100,206	10.6	133.1
1920	42,726	1,445,936	658,737	33.8	45.6	4,799	62,342	78,329	13.0	125.6
1921	45,537	1,045,174	311,268	23.0	29.8	4,824	61,070	41,644	12.7	68.2
1922	40,324	1,147,720	447,277	28.5	39.0	6,757	104,700	70,777	15.5	67.6
1923	40,245	1,227,139	500,282	30.5	40.8	4,858	53,870	33,335	11.1	61.9
1924	41,811	1,423,317	677,550	34.0	47.6	3,808	57,072	61,282	14.9	106.3
1925	44,250	1,410,184	527,847	31.9	37.4	3,717	40,451	30,961	10.9	76.5
1926	42,861	1,141,945	447,710	26.6	39.2	3,350	32,884	26,937	9.8	81.9
1927	40,326	1,092,550	484,253	27.1	44.3	3,380	51,840	43,687	15.3	84.3
1928	40,079	1,317,640	530,587	32.9	40.3	3,232	37,556	31,687	11.6	84.4
1929	38,148	1,118,414	[1] 468,369	29.3	[2] 41.9	3,054	34,950	[1] 29,975	11.4	[2] 85.8
1930	39,597	1,276,035	[1] 410,586	32.2	[2] 32.2	3,543	45,481	[1] 20,088	12.8	[2] 44.2
1931	39,800	1,117,970	[1] 238,279	28.1	[2] 21.3	3,060	32,026	[1] 10,805	10.5	[2] 33.7
1932 (prel.)	41,224	1,242,437	[1] 175,207	30.1	[2] 14.1	3,271	39,855	[1] 8,981	12.2	[2] 22.5

[1] Based on weighted average price for the crop-marketing season.
[2] Weighted average price for the crop-marketing season.

No. 583.—Acreage, Production, and Value of Principal Crops: Estimates of the Department of Agriculture—Continued

Yearly average or year	Area	Production	Farm value, Dec. 1	Yield per acre	Farm price, Dec. 1	Area	Production	Farm value, Dec. 1	Yield per acre	Farm price, Dec. 1
	Barley					Buckwheat				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866–1875	1,196	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	7,610	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	16,548	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	8,089	190,583	183,070	23.6	96.4	841	13,768	20,011	16.4	145.3
1921–1925	7,162	160,394	91,516	22.4	57.1	707	12,053	10,942	17.0	90.8
1926–1930	11,232	263,969	142,159	23.5	53.9	663	9,913	8,587	15.0	86.6
1916	7,757	182,309	160,646	23.5	88.1	828	11,662	13,147	14.1	112.7
1917	8,933	211,759	240,753	23.7	113.7	924	16,022	25,631	17.3	160.0
1918	9,740	250,225	234,942	26.3	91.7	1,027	16,905	28,142	16.5	166.5
1919	6,579	131,088	159,258	19.9	121.5	713	12,327	17,984	17.3	145.9
1920	7,438	171,533	122,746	23.1	71.6	714	11,924	15,153	16.7	127.1
1921	7,073	130,747	55,059	18.5	42.1	638	11,777	9,532	18.5	80.9
1922	6,599	153,771	80,792	23.3	52.5	728	11,776	10,385	16.2	88.2
1923	7,150	158,967	85,089	22.2	53.5	692	11,662	10,870	16.9	93.2
1924	6,910	165,814	123,830	24.0	74.7	737	12,508	12,806	17.0	102.4
1925	8,076	192,671	112,809	23.9	58.6	742	12,540	11,116	16.9	88.6
1926	7,840	163,712	93,510	20.9	57.1	683	11,079	9,704	16.2	88.1
1927	9,419	240,993	162,741	25.6	67.5	758	12,766	10,583	16.8	82.9
1928	12,710	331,148	180,980	26.1	54.7	672	10,069	8,727	15.0	86.7
1929	13,523	280,242	[1] 150,946	20.7	[2] 53.9	627	8,692	[1] 8,367	13.9	[2] 96.3
1930	12,656	303,752	[1] 122,620	24.0	[2] 40.4	573	6,960	[1] 5,493	12.1	[2] 78.9
1931	11,419	198,389	[1] 64,498	17.4	[2] 32.5	505	8,890	[1] 3,764	17.6	[2] 42.3
1932 (prel.)	13,213	299,950	[1] 59,255	22.7	[2] 19.8	464	6,844	[1] 2,713	14.8	[2] 39.6
	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	25,206	22,370	33.7	88.5	2,186	18,615	26,120	8.5	140.3
1916–1920	1,074	41,661	70,036	38.8	168.1	1,662	10,900	31,432	6.6	288.4
1921–1925	921	35,638	41,460	38.7	116.3	2,166	17,753	38,121	8.2	214.7
1926–1930	963	43,240	40,438	44.9	93.5	2,979	20,011	40,072	6.7	200.2
1916	869	40,861	36,311	47.0	88.9	1,474	14,296	35,541	9.7	248.6
1917	981	34,730	65,879	35.4	189.6	1,984	9,164	27,182	4.6	296.6
1918	1,119	38,606	74,042	34.5	191.8	1,910	13,369	45,470	7.0	340.1
1919	1,063	41,985	111,913	39.5	266.0	1,293	6,770	29,673	5.2	438.3
1920	1,336	52,066	62,036	39.0	119.1	1,647	10,900	19,296	6.6	177.0
1921	921	37,612	35,802	40.8	95.2	1,143	8,107	11,771	7.1	145.2
1922	1,055	41,405	38,562	39.2	93.1	1,113	10,520	22,277	9.5	211.8
1923	895	33,717	37,150	37.7	110.2	2,015	16,563	34,808	8.2	210.7
1924	850	32,206	44,644	37.9	138.6	3,535	31,237	71,048	8.8	227.4
1925	883	33,249	51,142	37.7	153.8	3,022	22,337	50,610	7.4	226.6
1926	1,034	42,477	46,544	41.1	109.6	2,736	18,537	35,987	6.8	194.1
1927	1,003	44,754	41,598	44.6	92.9	2,763	25,183	46,849	9.1	186.0
1928	956	43,440	38,456	45.4	88.5	2,611	19,140	38,515	7.3	201.2
1929	860	40,604	40,384	47.2	99.5	3,047	15,910	[1] 44,733	5.2	[2] 281.2
1930	961	44,923	35,209	46.7	78.4	3,736	21,287	[1] 34,278	5.7	[2] 161.0
1931	978	46,012	22,869	47.0	49.7	2,416	11,798	[1] 13,758	4.9	[2] 116.6
1932 (prel.)	869	30,356	15,419	45.3	39.2	2,087	11,841	[1] 10,196	5.7	[2] 86.1

[1] Based on weighted average price for the crop marketing season
[2] Weighted average price for the crop marketing season.

No. 583.—Acreage, Production, and Value of Principal Crops: Estimates of the Department of Agriculture—Continued

Yearly average or year	Area	Production	Farm value Dec. 1	Yield per acre	Farm price Dec. 1	Area	Production	Farm value Dec. 1	Yield per acre	Farm price Dec. 1
	Potatoes					Sweetpotatoes				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866-1875	1,261	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	3,768	362,250	468,970	96.1	129.5	839	79,649	92,748	94.9	116.4
1921-1925	3,372	359,969	333,332	106.8	92.6	703	62,342	62,730	88.7	100.6
1926-1930	3,097	356,671	354,477	115.2	99.4	661	62,483	61,250	94.5	98.0
1916	3,565	286,953	419,333	80.5	146.1	774	70,955	60,141	91.7	84.8
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	118,803	93.5	135.2
1919	3,295	298,975	472,289	90.7	158.0	792	78,422	104,746	99.0	133.6
1920	3,302	371,356	418,926	112.5	112.8	768	77,124	87,072	100.4	112.9
1921	3,598	327,365	353,803	91.0	108.1	819	73,958	65,204	90.3	88.2
1922	3,943	419,655	233,909	106.4	55.7	819	78,665	60,262	96.1	76.6
1923	3,384	367,534	278,251	108.6	75.7	675	64,041	62,831	94.9	98.1
1924	3,111	386,219	240,757	124.1	62.3	567	45,201	57,600	79.7	127.4
1925	2,825	299,072	559,939	105.9	187.2	637	49,845	67,752	78.9	134.9
1926	2,817	323,085	456,601	114.7	141.3	646	63,531	59,612	98.3	93.8
1927	3,177	370,423	352,375	116.6	95.1	724	71,156	58,856	98.3	82.7
1928	3,474	426,776	224,859	122.8	52.7	638	59,660	54,218	93.5	90.9
1929	2,978	329,134	[1] 433,151	110.5	[2]131.6	646	64,963	[1] 76,081	100.6	[2]117.1
1930	3,038	333,936	[1] 305,401	109.9	[2] 91.5	649	53,117	[1] 57,482	81.8	[2] 108.2
1931	3,375	375,310	[1] 173,767	111.2	[2] 46.3	785	63,043	[1] 45,688	80.3	[2] 72.5
1932 (prel.)	3,368	356,589	[1] 136,922	105.9	[2] 38.6	926	78,484	[1] 37,652	84.8	[2] 48.0
	Cotton (excluding linters) [3]					Cottonseed [3]				
	1,000 acres	*1,000 bales*	*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						
1876-1885	15,147	5,706	243,808	172.2	9.1		2,607			
1886-1895	20,016	7,691	260,415	181.5	7.7		3,645			
1896-1900	24,425	10,036	337,592	197.4	7.1		4,859			
1901-1905	28,041	10,801	485,560	183.8	9.0		5,185			
1906-1910	31,057	11,847	660,788	182.3	11.3		5,281			
1911-1915	33,649	14,167	709,629	200.7	10.2		6,317	128,439		21.15
1916-1920	33,534	11,918	1,464,088	169.9	24.9		5,312	301,439		57.76
1921-1925	35,896	11,515	1,276,329	151.2	22.4		5,114	168,271		33.44
1926-1930	42,219	14,834	1,091,657	107.8	15.0		6,592	186,166		28.83
1916	33,071	11,448	1,122,295	165.6	19.6		5,113	285,408		55.82
1917	32,245	11,284	1,566,198	167.4	27.7		5,040	349,675		69.38
1918	35,038	12,018	1,663,633	164.1	27.6		5,360	348,239		64.97
1919	32,906	11,411	2,034,558	165.9	35.6		5,074	368,626		72.65
1920	34,408	13,429	933,658	186.7	13.9		5,971	155,246		26.00
1921	28,678	7,945	643,933	132.5	16.2		3,531	101,644		28.78
1922	31,361	9,755	1,160,908	148.8	23.8		4,336	154,604		35.67
1923	35,550	10,140	1,571,829	136.4	31.0		4,502	193,524		43.00
1924	39,503	13,630	1,540,884	165.0	22.6		6,051	196,155		32.42
1925	44,390	16,105	1,464,032	173.5	18.2		7,150	195,366		27.32
1926	44,616	17,978	982,736	192.8	10.9		7,989	149,281		18.69
1927	38,349	12,956	1,269,885	161.7	19.6		5,759	212,075		36.82
1928	42,432	14,477	1,301,796	163.3	18.0		6,435	233,559		36.30
1929	43,242	14,825	[1] 1,244,863	164.1	[2] 16.8		6,590	[1] 200,338		[2] 30.43
1930	42,454	13,932	[1] 659,003	157.0	[2] 9.5		6,185	[1] 135,577		[2] 21.93
1931	38,705	17,095	[1] 483,654	211.5	[2] 5.7		7,602	[1] 72,296		[2] 9.52
1932 (prel.)	35,939	13,002	[1] 405,751	173.3	[2] 6.2		5,782	[1] 57,656		[2] 9.98

[1] Based on weighted average price for the crop marketing season.
[2] Weighted average price for the crop marketing season.
[3] Cotton acreage and yield per acre have been revised for all years and production for 1913 to 1924 adjusted to exclude small amounts produced in lower California ginned in United States. Production is in running bales 1866 to 1899, inclusive, 500-pound bales, gross weight, thereafter. Cottonseed production from reports of the Census Bureau. Cottonseed prices are as of Nov. 15, 1911 to 1920, Dec. 1 thereafter except as noted. Values are based on these prices.

No. 583.—Acreage, Production, and Value of Principal Crops: Estimates of the Department of Agriculture—Continued

Yearly average or year	Area	Production	Farm value Dec. 1	Yield per acre	Farm price Dec. 1	Area	Production	Farm value Dec. 1 [4]	Yield per acre	Farm price Dec. 1 [4]
	Beans, dry, edible					Peanuts (for nuts) [4]				
	1,000 acres	*1,000 bags* [5]	*1,000 dollars*	*Lbs.*	*Dollars per bag* [5]	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.*
1916–1920	1,332	8,127	65,056	610.1	8.08	1,413	1,043,292	67,475	738.4	6.5
1921–1925	1,302	8,926	43,925	685.6	4.92	1,052	710,743	33,256	675.6	4.7
1926–1930	1,708	11,107	59,546	650.3	5.36	1,138	811,001	32,875	712.7	4.1
1921	861	6,085	23,767	706.7	3.91	1,214	829,307	33,097	683.1	4.0
1922	1,129	7,001	40,797	699.8	5.16	1,005	633,114	29,613	630.0	4.7
1923	1,322	9,587	50,382	725.2	5.26	896	647,762	43,918	722.9	6.8
1924	1,582	9,298	47,416	587.7	5.10	1,187	745,059	34,259	627.7	4.6
1925	1,614	11,780	57,263	728.6	4.87	958	698,475	25,390	729.1	3.6
1926	1,611	10,410	50,731	646.2	4.87	843	631,825	28,161	749.5	4.5
1927	1,450	9,120	43,749	620.0	4.80	1,142	864,549	35,016	757.0	4.0
1928	1,535	9,866	68,154	642.7	6.91	1,211	855,096	38,434	706.1	4.4
1929	1,836	12,240	[1] 79,318	666.7	[2] 6.77	1,360	956,448	36,156	703.3	3.8
1930	2,110	13,900	[1] 55,777	658.8	[2] 4.21	1,133	747,085	26,611	659.4	3.5
1931	1,883	12,662	[1] 25,477	672.4	[2] 2.14	1,419	1,083,110	22,030	763.3	2.1
1932 (prel.)	1,348	10,095	[1] 16,682	748.9	[2] 1.73	1,603	1,002,080	14,173	625.1	1.4
	Grain sorghums (kafirs, milo maize, feterita, etc.) for all purposes					Broomcorn [4]				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 short tons*	*1,000 dollars*	*Lbs.*	*Dolls. per ton*
1916–1920	[6] 6,418	[6] 129,368	[6] 141,933	[6] 20.2	[6] 109.7	340	55	11,623	321.9	212.41
1921–1925	5,987	89,290	65,914	14.9	73.8	339	54	7,226	315.9	134.96
1926–1930	6,481	93,187	56,282	14.4	60.4	310	49	4,612	317.2	93.82
1921	6,124	112,238	44,068	18.3	39.2	222	39	2,808	352.8	71.63
1922	5,496	75,530	65,942	13.7	87.3	275	38	8,376	278.1	219.27
1923	6,354	88,466	82,674	13.9	93.5	536	81	13,038	303.2	160.17
1924	5,690	87,920	75,140	15.5	85.5	434	78	7,459	358.0	96.00
1925	6,272	82,244	61,748	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	107,276	67,261	16.0	62.7	232	40	4,427	346.7	110.12
1928	6,527	111,702	68,751	17.1	61.5	299	54	5,624	360.7	104.54
1929	6,131	81,041	[1] 54,173	13.2	[2] 66.8	310	47	5,417	304.5	114.52
1930	6,586	64,416	[1] 36,220	9.8	[2] 56.2	391	50	3,267	254.7	65.60
1931	7,156	105,214	[1] 26,978	14.7	[2] 25.6	295	44	1,988	300.3	44.88
1932 (prel.)	7,860	105,871	[1] 20,274	13.5	[2] 19.1	285	34	1,410	235.1	42.09
	Clover seed (red and alsike) [7]					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	1.7	15.44	30	32,143	10,326	1,081	32.1
1921–1925	893	1,251	14,832	1.4	11.86	22	26,616	4,456	1,215	16.7
1926–1930	1,041	1,507	19,891	1.4	13.20	23	30,353	5,586	1,320	18.4
1921	900	1,422	14,296	1.6	10.05	27	29,340	7,080	1,087	24.1
1922	1,194	1,815	18,205	1.5	10.03	23	27,744	2,383	1,186	8.6
1923	753	1,028	12,387	1.4	12.05	18	19,751	3,722	1,071	18.8
1924	809	927	13,455	1.2	14.51	20	27,670	2,863	1,360	10.3
1925	807	1,062	15,819	1.3	14.90	20	28,573	6,232	1,404	21.8
1926	530	728	12,895	1.4	17.71	21	31,522	7,296	1,516	23.1
1927	1,214	1,727	26,299	1.4	15.22	25	30,658	7,024	1,246	22.9
1928	617	961	15,590	1.6	16.22	26	32,944	6,365	1,257	19.3
1929	1,789	2,627	[1] 27,455	1.5	[2] 10.45	24	33,195	3,785	1,360	11.4
1930	1,055	1,491	[1] 17,218	1.4	[2] 11.55	20	28,447	3,462	1,202	14.8
1931	850	1,138	[1] 8,271	1.3	[2] 7.27	21	26,410	3,042	1,234	13.8
1932 (prel.)	1,087	1,688	[1] 8,085	1.6	[2] 4.79	22	24,120	[1] 4,210	1,096	[2] 17.5

[1] Based on weighted average price for the crop marketing season.
[2] Weighted average price for the crop marketing season.
[4] Prices for peanuts are as of Nov. 15, 1916 to 1923, Dec. 1, 1924–1928; weighted average price for the crop marketing season 1929–1932. Prices for broomcorn are as of Nov. 15, 1916–1924, the weighted average for the season to Dec. 1, for 1925, and as of Dec. 1 for 1926–1928, and weighted average price for the crop marketing season, 1929–1932. Farm values are based on the prices shown.
[5] Bags of 100 pounds. [6] Average for 1919 and 1920. [7] Includes sweet clover prior to 1924.

No. 583.—Acreage, Production, and Value of Principal Crops: Estimates of the Department of Agriculture—Continued

Yearly average or year	Area	Production	Farm value Dec. 1	Yield per acre	Farm price Dec. 1	Area	Production	Farm value Dec. 1	Yield per acre	Farm price Dec. 1
	Hay (tame)					Tobacco				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton*	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.*
1866–1875	20,419	24,929	286,821	1.22	11.51	434	308,325	27,721	710	9.0
1876–1885	31,124	38,723	352,577	1.24	9.11	640	470,525	36,564	735	7.8
1886–1895	40,127	47,401	420,673	1.18	8.87	683	488,937	39,426	716	8.1
1896–1900	42,126	58,142	453,405	1.38	7.80	924	665,828	[8] 45,064	721	[8] 6.7
1901–1905	43,813	66,287	606,797	1.51	9.19	938	750,049	55,653	800	7.4
1906–1910	50,048	72,161	777,730	1.44	10.78	1,031	851,433	84,458	826	9.9
1911–1915	49,395	69,543	826,282	1.41	11.88	1,210	983,723	101,889	813	10.4
1916–1920	54,894	80,784	1,377,603	1.47	17.05	1,694	1,359,009	316,781	802	23.3
1921–1925	57,713	74,877	995,248	1.30	13.29	1,653	1,279,550	247,842	774	19.4
1926–1930	54,503	72,678	902,585	1.33	12.42	1,830	1,411,697	250,982	771	17.8
1920	56,769	76,164	1,354,388	1.34	17.78	1,935	1,509,212	[1] 260,350	780	[2] 17.3
1921	57,448	71,035	858,594	1.24	12.09	1,340	1,004,928	[1] 196,113	750	[2] 19.5
1922	59,280	80,790	1,013,898	1.36	12.55	1,616	1,254,304	[1] 286,417	776	[2] 22.8
1923	57,717	75,286	1,061,570	1.30	14.10	1,855	1,517,583	[1] 288,102	818	[2] 19.0
1924	59,058	80,118	1,105,367	1.36	13.80	1,702	1,244,928	[1] 236,937	731	[2] 19.0
1925	55,064	67,155	936,812	1.22	13.95	1,751	1,376,008	[1] 230,642	786	[2] 16.8
1926	54,851	67,478	949,972	1.23	14.08	1,628	1,289,272	[1] 231,208	792	[2] 17.9
1927	56,930	83,648	945,361	1.47	11.30	1,556	1,211,311	[1] 250,462	778	[2] 20.7
1928	53,395	72,586	837,296	1.36	12.22	1,864	1,373,214	[1] 274,620	736	[2] 20.0
1929	55,017	76,110	928,063	1.38	12.19	1,988	1,537,313	[1] 286,152	774	[2] 18.6
1930	52,623	63,566	802,281	1.21	12.62	2,112	1,647,377	[1] 212,467	780	[2] 12.9
1931	53,870	65,058	588,202	1.21	9.04	2,016	1,804,226	[1] 131,830	796	[2] 8.2
1932 (prel.)	52,819	69,609	463,616	1.32	6.66	1,433	1,033,330	[1] 110,910	721	[2] 10.7
	Wild hay					Sweet sorghum for forage and hay [9]				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton*	*1,000 acres*	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dolls. per ton*
1916–1920	16,325	16,167	204,048	0.99	12.62	-------	-------	-------	-------	-------
1921–1925	15,500	13,386	102,115	.86	7.63	-------	-------	-------	-------	-------
1926–1930	13,635	11,539	87,755	.85	7.61	-------	-------	-------	-------	-------
1924	15,166	12,601	99,918	.83	7.92	-------	-------	-------	-------	-------
1925	14,685	11,643	99,348	.79	8.55	-------	-------	-------	-------	-------
1926	13,337	9,098	90,062	.68	10.04	-------	-------	-------	-------	-------
1927	14,535	15,003	98,897	1.03	6.59	-------	-------	-------	-------	-------
1928	12,924	11,656	83,546	.90	7.25	-------	-------	-------	-------	-------
1929	13,586	11,194	89,975	.82	8.04	1,850	3,253	29,010	1.76	8.92
1930	13,793	10,744	76,297	.78	7.10	1,818	2,698	24,313	1.48	9.01
1931	12,259	8,378	51,713	.68	6.17	2,333	3,635	20,728	1.56	5.70
1932 (prel.)	14,298	12,179	48,739	.85	4.00	2,633	3,948	15,958	1.50	4.04
	Cranberries (principal producing States)					Oranges (two States) [10]				
	1,000 acres	*1,000 barrels*	*1,000 dollars*	*Barrels*	*Dolls. per barrel*		*1,000 boxes*	*1,000 dollars*		*Dolls. per box*
1916–1920	24	414	3,980	17.3	9.61	-------	22,337	63,594	-------	2.85
1921–1925	27	549	5,749	20.3	10.47	-------	30,137	80,968	-------	2.69
1926–1930	28	580	6,517	20.7	11.24	-------	42,215	111,318	-------	2.64
1923	28	652	4,664	23.3	7.15	-------	37,037	71,494	-------	1.93
1924	28	582	5,485	20.8	9.42	-------	29,700	102,535	-------	3.45
1925	28	569	6,370	20.3	11.20	-------	33,300	98,030	-------	2.94
1926	28	744	5,623	26.1	7.56	-------	38,867	113,729	-------	2.93
1927	28	496	6,089	17.4	12.28	-------	31,200	124,800	-------	4.00
1928	29	551	7,997	19.3	14.51	-------	53,705	108,445	-------	2.02
1929	29	549	7,188	19.2	13.10	-------	33,200	120,856	-------	3.64
1930	28	560	5,668	20.2	10.15	-------	54,105	88,758	-------	1.64
1931	28	651	[11] 3,902	23.5	[12] 5.99	-------	48,700	64,610	-------	1.33
1932 (prel.)	28	525	[11] 3,745	19.0	[12] 7.14	-------	47,700	70,355	-------	1.47

[1] Based on weighted average price for the crop marketing season.
[2] Weighted average price for the crop marketing season.
[8] 3-year average; no data for 1897 and 1898.
[9] Not included in tame hay.
[10] Crops produced in California and Florida from bloom of the years specified in stub. In California, crop year begins Nov. 1, contents of box averages about 70 pounds, and value is calculated on packed-box basis at approximate net price paid to growers for naked fruit delivered to packing house. In Florida, crop year begins Sept. 1, box contains about 83 pounds of fruit, and value of crop is calculated on the approximate price paid to growers per packed box, not including selling charges.
[11] Based on average price for the crop marketing season.
[12] Average price for the crop marketing season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 584.—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 (⅔ size crates); strawberries, 36 (24-quart crates). Number of pounds to the bushel—beans, snap, 24; beans, lima, 28; beets, 56; carrots, 50; cucumbers, 48; eggplant, 33; kale, 18; onions, 57; peas, green, 32; peppers, 22; potatoes, 60; spinach, 20; tomatoes, 56. Number of pounds to a box of artichokes, 40. Lettuce is in western crates of 4 dozen heads. Tons are of 2,000 pounds. Values are based on average seasonal farm price

Crop	Acreage					Production (thousands of units)	
	1929	1930	1931	1932	1932, leading States	Unit	1929
Artichokes	8,900	8,150	7,500	6,330	Calif.	Box	988
Asparagus	91,600	96,810	102,030	110,840	Calif., N. J.	Crate	9,373
Beans, lima	29,240	40,890	37,430	25,630	Va., Del.	Bushel	1,243
Beans, snap	159,420	189,270	168,400	149,960	Fla., Tex.	Ton	200
Beets	17,430	21,300	15,720	13,760	Tex., N. J.	do	86
Cabbage	147,170	151,940	149,900	137,670	N. Y., Tex.	do	1,069
Cantaloupes	108,670	129,010	138,280	134,070	Calif., Ariz.	Crate	17,373
Carrots	29,680	30,790	30,940	29,390	Calif., Tex.	Bushel	[1] 11,007
Cauliflower	25,070	27,610	27,710	29,800	Calif., N. Y.	Crate	6,666
Celery	31,870	33,940	34,440	36,500	Calif., Mich.	do	9,431
Corn, sweet [2]	379,310	399,560	379,730	183,430	Ill., Minn.	Ton	743
Cucumbers [3]	41,300	56,620	52,060	44,700	S. C., Fla.	Bushel	4,602
Eggplant	2,970	3,000	3,750	3,050	Fla., N. J.	do	688
Kale	1,800	1,800	2,400	1,800	Va.	do	810
Lettuce	139,160	172,620	175,060	162,280	Calif., Ariz.	Crate	20,220
Onions	87,340	83,060	77,530	91,710	Tex., Calif.	Bushel	[1] 25,113
Peas, green	298,470	346,940	305,620	297,090	Wis., Calif.	Ton	292
Peppermint, oil	55,040	57,060	42,640	27,720	Ind., Mich.	Pound	1,073
Peppers, green	15,360	17,210	18,450	17,170	Fla., N. J.	Bushel	3,411
Pimientos	9,020	8,940	6,740	8,800	Ga., Calif.	Ton	19
Potatoes, early Irish	268,800	325,100	346,800	270,500	Va., N. J.	Bushel	35,274
Spinach	68,160	55,740	57,040	53,660	Tex., Calif.	Ton	247
Strawberries	200,160	175,660	152,410	192,420	La., Ark.	Crate	13,455
Tomatoes	466,810	564,300	455,800	438,530	Ind., Calif.	Ton	1,904
Watermelons	216,590	235,490	238,820	232,840	Ga., Tex.	Number	70,056

Crop	Production (thousands of units)—Contd.				Value (thousands of dollars)			
	1930	1931	1932	1932, leading States	1929	1930	1931	1932
Artichokes	1,011	818	570	Calif.	2,332	1,516	1,391	1,197
Asparagus	10,387	9,189	9,049	Calif., N. J.	14,779	15,669	13,860	10,245
Beans, lima	1,514	1,664	1,259	Va., N. J.	1,717	1,978	2,065	1,164
Beans, snap	[1] 213	[1] 187	[1] 175	Fla., N. Y.	20,324	19,334	16,148	11,889
Beets	112	[1] 98	74	Tex., N. J.	1,707	2,092	1,154	932
Cabbage	1,018	[1] 1,019	[1] 964	N. Y., Wis.	19,633	19,530	9,887	10,837
Cantaloupes	15,939	[1] 17,998	[1] 17,096	Calif., Ariz.	22,596	19,256	17,592	11,592
Carrots	[1] 11,387	[1] 12,216	[1] 10,867	Calif., Tex.	6,026	6,516	5,145	6,592
Cauliflower	5,849	6,961	[1] 7,394	Calif., N. Y.	5,157	4,789	5,249	4,420
Celery	9,900	9,578	[1] 10,184	Calif., Mich.	14,314	15,616	17,334	11,492
Corn, sweet [2]	699	818	417	Minn., Ill.	10,936	10,275	9,721	3,949
Cucumbers [3]	[1] 6,194	[1] 4,869	[1] 3,282	S. C., Tex.	7,876	5,124	3,519	2,242
Eggplant	798	775	809	Fla., N. J.	1,079	714	582	520
Kale	738	480	1,080	Va.	284	295	240	216
Lettuce	19,591	19,466	[1] 17,715	Calif., Ariz.	36,794	33,582	28,735	21,837
Onions	[1] 26,002	[1] 19,128	[1] 28,341	Tex., N. Y.	18,502	13,186	14,465	10,516
Peas, green	351	241	226	Calif., Wis.	20,952	23,622	16,413	13,625
Peppermint, oil	1,103	683	421	Ind., Mich.	3,418	2,124	810	567
Peppers, green	3,680	4,578	3,828	Fla., N. J.	3,865	3,904	3,404	2,731
Pimientos	15	9	16	Ga., Calif.	714	578	300	509
Potatoes, early Irish	43,859	46,093	33,495	Va., N. J.	45,057	49,142	29,048	19,663
Spinach	152	[1] 171	[1] 133	Tex., Calif.	8,299	6,631	5,845	5,430
Strawberries	9,534	11,322	13,574	La., Ark.	43,725	38,674	37,395	25,302
Tomatoes	[1] 2,231	[1] 1,446	[1] 1,656	Ind., N. J.	54,181	53,955	29,939	30,097
Watermelons	[1] 82,401	[1] 75,509	[1] 60,520	Ga., Calif.	12,143	8,936	7,344	4,153

[1] Includes some quantities not harvested on account of market conditions. Value computed on harvested crop.

[2] Mainly for canning, but includes also market crop for New Jersey.

[3] Does not include estimates of cucumbers grown for pickles.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 585.—COTTON AND COTTONSEED: AREA, PRODUCTION, AND FARM VALUE, BY STATES

NOTE.—Cotton production excludes linters. Figures for production of cotton and cottonseed in some States differ slightly from Census figures on ginnings due to ginnings in one State of cotton grown in another. Where figures are not shown for the individual States, separate data are not available for the entire period but are included in the United States totals. Yields and prices for the periods are simple averages of the figures for the individual years. Tons are of 2,000 pounds. Acreage and yield per acre for all years have been revised by the Department of Agriculture and minor adjustments made in cotton production for Alabama, California, Florida, North Carolina, Texas, Virginia, and the United States total. For the States named cottonseed production and value of cotton and cottonseed have been revised by the Bureau of Foreign and Domestic Commerce pending revision of these items 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	33,049	14,167	729,278	201	10.4	6,288	131,588	21.54	860,866
1916–1920	33,534	11,918	1,466,704	170	24.8	5,290	282,192	54.15	1,748,896
1921–1925	35,806	11,515	1,276,348	151	22.2	5,111	174,372	34.31	1,450,720
1926–1930	42,219	14,834	1,127,020	168	15.4	6,584	188,245	29.02	1,315,265
1927	38,349	12,956	1,307,996	162	20.2	5,751	206,730	35.94	1,514,726
1928	42,432	14,477	1,301,916	163	18.0	6,426	226,603	35.26	1,528,519
1929	43,242	14,825	1,244,863	164	16.8	6,580	200,338	30.43	1,445,201
1930	42,454	13,032	659,003	157	9.5	6,184	135,577	21.93	794,580
1931	38,705	17,095	483,654	212	5.7	7,588	72,296	9.52	555,950
1932 [2]	35,939	13,002	405,751	173	6.2	5,771	57,656	9.98	463,407
Alabama:									
1911–1915	3,570	1,463	74,906	194	10.4	649	13,886	22.52	88,792
1916–1920	2,460	643	81,877	126	24.9	286	16,734	58.28	98,611
1921–1925	2,797	864	95,312	146	22.5	384	13,576	36.17	108,888
1926–1930	3,438	1,319	97,716	183	15.2	585	16,874	29.59	114,590
1927	3,146	1,190	117,215	181	19.7	528	19,372	36.69	136,587
1928	3,437	1,107	99,851	154	18.0	491	18,216	37.10	118,067
1929	3,555	1,337	110,637	180	16.6	593	17,968	30.30	128,605
1930	3,582	1,467	66,455	196	9.1	651	13,814	21.22	80,269
1931	3,271	1,415	39,903	207	5.6	628	6,380	10.16	46,283
1932 [2]	3,021	917	29,831	150	6.3	420	4,704	11.20	34,535
Arizona:									
1917–1920	118	60	----------	254	----------	27	----------	----------	----------
1921–1925	132	79	[3] 13,108	278	[3] 26.5	35	[3] 1,158	[3] 27.33	[3] 14,266
1926–1930	189	134	12,410	333	18.8	60	1,451	24.62	13,861
1927	139	91	10,508	315	23.1	41	1,220	29.76	11,728
1928	200	149	17,272	357	23.2	66	1,975	29.92	19,247
1929	226	153	16,654	324	21.8	68	1,738	25.56	18,392
1930	215	155	9,277	346	12.0	69	1,290	18.69	10,567
1931	176	115	4,238	313	7.4	51	497	9.74	4,735
1932 [2]	113	69	2,657	293	7.7	31	276	8.90	2,933
Arkansas:									
1911–1915	2,086	927	47,696	212	10.4	412	8,339	20.77	56,095
1916–1220	2,510	1,039	122,753	198	24.5	462	23,573	52.74	146,326
1921–1925	2,741	1,025	108,174	176	22.0	455	14,284	32.93	122,458
1926–1930	3,279	1,221	92,465	178	15.1	542	15,422	28.56	107,887
1927	2,734	1,000	101,720	175	20.3	444	15,913	35.84	117,633
1928	3,313	1,246	112,884	180	18.1	554	20,027	36.15	132,911
1929	3,451	1,435	120,755	199	16.8	638	19,370	30.36	140,125
1930	3,514	874	39,505	119	9.0	388	8,226	21.20	47,731
1931	3,308	1,907	52,633	276	5.5	848	6,869	8.10	59,502
1932 [2]	3,378	1,327	40,474	188	6.1	589	5,772	9.80	46,246
California:									
1911–1915	20	15	----------	375	----------	6	----------	----------	----------
1916–1920	90	48	----------	264	----------	21	----------	----------	----------
1921–1925	101	60	6,893	263	23.2	27	[3] 1,214	[3] 31.96	[3] 11,114
1926–1930	217	183	13,866	395	15.9	81	2,126	27.06	15,992
1927	128	91	9,059	340	20.0	40	1,304	32.60	10,363
1928	218	172	16,280	378	18.9	76	2,345	30.86	18,625
1929	309	259	22,326	400	17.2	115	3,091	26.88	25,417
1930	270	264	12,659	468	9.6	117	2,545	21.75	15,204
1931	192	177	5,443	440	6.2	79	1,011	12.80	6,454
1932 [2]	123	129	4,103	503	6.5	57	599	10.50	4,792
Florida:									
1911–1915	251	67	4,609	128	14.0	30	579	20.13	5,188
1916–1920	175	31	5,237	85	32.9	14	763	55.05	6,000
1921–1925	107	24	2,587	108	22.1	10	342	34.43	2,929
1926–1930	116	33	2,307	132	15.4	15	392	28.15	2,699
1927	77	18	1,767	114	19.6	8	269	33.65	2,036
1928	111	22	1,936	93	17.6	10	327	32.67	2,263
1929	122	33	2,807	129	17.0	15	423	28.20	3,230
1930	147	56	2,710	183	9.7	25	553	22.11	3,263
1931	139	48	1,318	165	5.5	21	231	10.98	1,549
1932 [2]	102	17	544	78	6.4	8	97	12.20	641

[1] Weighted average price for the crop marketing season.
[2] Preliminary.
[3] 3-year average.

No. 585.—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	118,862	227	10.6	1,032	22,962	22.97	141,824
1916–1920	4,725	1,780	231,237	180	25.6	737	47,878	58.53	279,115
1921–1925	2,991	851	95,114	136	22.9	378	14,002	37.92	109,116
1926–1930	3,346	1,312	97,426	187	15.4	582	16,713	29.78	114,139
1927	3,056	1,100	109,120	172	19.8	488	18,505	37.92	127,625
1928	3,277	1,029	93,742	150	18.2	457	16,932	37.05	110,674
1929	3,378	1,343	111,738	190	16.6	596	16,557	27.78	128,295
1930	3,428	1,593	76,066	222	9.6	707	15,391	21.77	91,457
1931	3,096	1,393	40,606	215	5.8	618	6,749	10.92	47,355
1932 [2]	2,051	854	27,328	154	6.4	379	4,434	11.70	31,762
Louisiana:									
1911–1915	1,023	399	20,568	187	10.3	177	3,550	20.46	24,118
1916–1920	1,273	471	58,290	177	24.9	209	11,472	53.46	69,762
1921–1925	1,290	479	50,742	170	21.5	212	6,703	32.02	57,445
1926–1930	1,795	718	53,524	191	15.2	319	8,594	27.44	62,118
1927	1,448	548	54,648	181	19.9	243	8,187	33.69	62,835
1928	1,836	691	61,392	180	17.8	307	9,968	32.47	71,360
1929	1,934	809	66,540	200	16.4	359	10,766	29.99	77,306
1930	1,953	715	33,355	175	9.3	317	6,606	20.84	39,961
1931	1,825	900	25,065	236	5.6	400	3,244	8.11	28,309
1932 [2]	1,688	611	19,552	173	6.4	271	2,629	9.70	22,181
Mississippi:									
1911–1915	2,946	1,152	60,857	187	10.6	512	11,212	22.38	72,069
1916–1920	2,858	960	123,077	161	25.1	426	23,657	54.50	146,734
1921–1925	3,016	1,099	123,306	170	23.2	488	16,464	35.22	139,770
1926–1930	3,822	1,619	127,338	203	15.9	719	22,013	30.92	149,351
1927	3,323	1,355	142,990	196	21.1	602	22,376	37.17	165,366
1928	3,875	1,475	135,011	182	18.3	655	24,857	37.95	159,868
1929	4,037	1,915	163,254	227	17.0	851	27,717	32.57	190,971
1930	4,142	1,464	71,590	169	9.8	650	14,534	22.36	86,124
1931	3,994	1,761	54,239	211	6.2	783	7,658	9.78	61,897
1932 [2]	3,839	1,180	38,350	147	6.5	524	6,288	12.00	44,638
Missouri:									
1911–1915	111	70	3,345	298	9.8	31	721	23.95	4,066
1916–1920	122	66	7,544	259	23.4	29	1,554	54.84	9,098
1921–1925	316	168	10,375	274	19.5	75	2,774	38.16	19,149
1926–1930	361	170	11,944	224	14.5	76	2,049	27.81	13,993
1927	309	115	11,523	177	20.0	51	1,846	36.20	13,369
1928	339	147	12,988	207	17.7	65	2,015	31.00	15,003
1929	347	220	18,161	303	16.5	98	3,085	31.48	21,246
1930	374	151	6,553	193	8.7	67	1,378	20.57	7,931
1931	353	289	6,979	392	4.8	128	1,208	9.44	8,187
1932 [2]	406	307	8,903	362	5.8	136	1,306	9.60	10,209
New Mexico:									
1924–1925	108	62	6,606	273	21.6	28	857	31.22	7,463
1926–1930	120	84	6,599	339	15.9	37	963	25.92	7,562
1927	97	70	7,279	345	20.8	31	936	30.18	8,215
1928	122	88	8,330	345	18.9	39	1,255	32.19	9,585
1929	133	90	7,821	325	17.4	40	1,072	26.79	8,893
1930	123	99	4,995	375	10.1	44	878	19.96	5,873
1931	117	101	2,909	412	5.8	45	410	9.12	3,319
1932 [2]	112	72	2,340	307	6.5	32	278	8.70	2,618
North Carolina:									
1911–1915	1,364	872	45,226	304	10.5	387	9,252	24.09	54,478
1916–1920	1,425	783	96,403	263	24.6	348	19,934	58.37	116,337
1921–1925	1,541	911	103,421	284	22.5	405	15,507	38.20	118,928
1926–1930	1,614	882	67,430	260	15.4	392	11,796	30.42	79,226
1927	1,565	858	85,414	262	19.9	381	14,531	38.14	99,945
1928	1,620	832	76,918	245	18.5	369	14,310	38.78	91,228
1929	1,635	743	61,780	217	16.6	330	9,474	28.71	71,254
1930	1,448	771	36,815	254	9.6	342	7,500	21.93	44,315
1931	1,206	752	22,447	298	6.0	334	3,540	10.60	25,987
1932 [2]	1,251	660	21,780	252	6.6	293	3,399	11.60	25,179

[1] Weighted average price for the crop marketing season.
[2] Preliminary.

No. 585.—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	46,109	170	9.9	425	7,835	19.71	53,944
1916–1920	2,823	942	107,207	161	23.6	419	19,417	49.64	126,624
1921–1925	3,481	993	106,270	129	21.5	441	13,708	31.28	119,978
1926–1930	4,052	1,202	88,140	141	14.8	534	14,478	28.14	102,618
1927	3,601	1,037	106,089	138	20.5	461	16,803	36.45	122,892
1928	4,007	1,205	105,184	144	17.5	536	18,085	33.74	123,269
1929	4,114	1,143	91,954	133	16.1	508	15,692	30.89	107,646
1930	3,929	854	37,192	104	8.7	379	8,706	22.97	45,898
1931	3,376	1,261	31,903	179	5.1	561	4,881	8.70	36,784
1932 [2]	3,108	1,084	30,894	167	5.7	481	3,992	8.30	34,886
South Carolina:									
1911–1915	2,436	1,375	71,829	268	10.6	611	14,319	24.15	86,148
1916–1920	2,591	1,358	173,762	250	25.3	603	34,800	58.61	208,562
1921–1925	1,962	743	83,735	181	22.7	320	12,551	38.60	96,286
1926–1930	2,051	859	65,158	200	15.7	381	11,244	30.52	76,402
1927	2,040	730	73,856	171	20.2	324	12,898	39.81	85,754
1928	2,051	726	66,614	169	18.4	322	12,513	38.86	79,127
1929	1,974	830	69,596	201	16.8	368	10,138	27.55	79,734
1930	1,951	1,001	48,298	245	9.6	444	9,497	21.39	57,795
1931	1,759	1,005	30,401	273	6.0	446	4,741	10.63	35,142
1932 [2]	1,661	716	23,270	206	6.5	318	3,530	11.10	26,800
Tennessee:									
1911–1915	776	359	18,485	220	10.5	160	3,658	23.55	22,143
1916–1920	808	318	37,500	188	24.1	141	7,606	54.60	45,108
1921–1925	927	358	37,880	188	22.0	159	5,556	36.26	43,436
1926–1930	1,042	426	32,064	196	15.0	189	5,511	29.23	37,575
1927	912	359	35,169	188	19.6	159	5,797	36.46	40,966
1928	1,040	428	38,308	197	17.9	190	7,127	37.51	45,435
1929	1,045	515	43,106	236	16.7	229	6,991	30.53	50,097
1930	1,126	377	17,040	160	9.0	167	3,490	20.90	20,530
1931	1,053	594	15,830	270	5.3	264	2,310	8.75	18,140
1932 [2]	1,064	480	14,640	216	6.1	213	2,151	10.10	16,791
Texas:									
1911–1915	11,458	4,180	213,927	175	10.3	1,855	34,619	19.27	248,546
1916–1920	11,526	3,398	404,400	141	24.8	1,509	71,564	50.04	475,964
1921–1925	14,325	3,774	426,307	125	22.0	1,675	55,479	32.56	481,786
1926–1930	16,068	4,612	354,501	132	15.4	2,047	57,836	28.51	412,337
1927	15,689	4,352	437,594	133	20.1	1,932	66,036	34.18	503,630
1928	16,887	5,105	450,261	145	17.6	2,266	75,684	33.40	525,945
1929	16,875	3,940	332,733	112	16.9	1,749	55,443	31.70	388,176
1930	16,138	4,037	193,978	120	9.6	1,792	40,660	22.69	234,638
1931	14,754	5,319	148,134	173	5.6	2,361	22,311	9.45	170,445
1932 [2]	13,334	4,500	139,500	162	6.2	1,997	17,973	9.00	157,473
Virginia:									
1911–1915	43	24	1,295	272	10.8	11	[3]309	[3] 30.63	[3] 1,557
1916–1920	45	25	3,031	262	24.7	11	618	57.34	3,649
1921–1925	76	41	4,826	259	22.6	18	728	39.30	5,554
1926–1930	83	47	3,466	269	15.1	21	661	32.30	4,127
1927	64	34	3,330	250	19.6	15	593	39.50	3,932
1928	77	48	4,315	297	18.0	21	861	41.00	5,176
1929	88	51	4,251	280	16.7	23	691	30.06	4,942
1930	90	46	2,206	243	9.6	20	444	22.21	2,650
1931	70	46	1,286	317	5.1	20	206	10.28	1,492
1932 [2]	70	34	1,037	233	6.1	15	161	10.70	1,198
Other States:									
1926–1930	25	9	666	180	----------	4	122	----------	788
1927	21	7	706	160	----------	4	144	----------	850
1928	22	7	630	152	----------	3	106	----------	736
1929	19	9	750	227	16.7	4	122	30.50	872
1930	19	7	309	173	9.0	3	65	20.97	374
1931	16	12	320	363	5.3	5	50	9.26	370
1932 [2]	18	15	458	393	6.1	7	67	10.00	525

[1] Weighted average price for the crop marketing season. [2] Preliminary. [3] 4-year average.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 586.—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 [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
	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	100,793	105,301	107,729	2,059,641	2,567,306	2,908,045	20.4	24.4	27.0	824,869	566,930	20
New England	185	187	195	7,986	8,207	7,979	43.2	43.9	40.9	4,670	3,817	48
Maine	13	14	16	546	588	656	42.0	42.0	41.0	329	308	47
N. Hampshire	13	13	14	585	598	560	45.0	46.0	40.0	347	246	44
Vermont	60	64	64	2,580	2,944	2,624	43.0	46.0	41.0	1,560	1,102	42
Massachusetts	39	37	38	1,755	1,591	1,520	45.0	43.0	40.0	939	760	50
Rhode Island	9	8	9	378	344	351	42.0	43.0	39.0	210	176	50
Connecticut	51	51	54	2,142	2,142	2,268	42.0	42.0	42.0	1,285	1,225	54
Middle Atlantic	1,942	2,004	2,014	49,516	91,810	74,155	25.5	45.8	36.8	41,952	29,731	40
New York	555	566	594	16,650	22,074	20,790	30.0	39.0	35.0	11,478	8,524	41
New Jersey	168	170	165	6,048	6,970	6,930	36.0	41.0	42.0	3,485	2,633	38
Pennsylvania	1,219	1,268	1,255	26,818	62,766	46,435	22.0	49.5	37.0	26,989	18,574	40
E. N. Central	19,962	20,982	20,720	528,432	784,575	811,964	26.5	37.4	39.2	219,003	144,792	18
Ohio	3,438	3,576	3,433	87,669	160,920	121,872	25.5	45.0	35.5	48,276	24,374	20
Indiana	4,466	4,734	4,639	117,009	184,626	173,962	26.2	39.0	37.5	46,156	27,334	16
Illinois	8,832	9,185	9,001	229,632	339,845	387,043	26.0	37.0	43.0	84,961	58,056	15
Michigan	1,245	1,407	1,463	26,768	40,944	48,279	21.5	29.1	33.0	15,149	13,518	28
Wisconsin	1,981	2,080	2,184	67,354	58,240	80,808	34.0	28.0	37.0	24,461	21,010	26
W. N. Central	44,512	45,454	47,093	1,032,495	1,004,008	1,408,710	23.2	22.1	29.9	298,285	200,724	14
Minnesota	4,533	4,896	4,847	140,523	115,056	176,916	31.0	23.5	36.5	37,968	24,768	14
Iowa	11,335	11,732	11,732	385,390	385,933	530,672	34.0	32.9	46.0	108,075	70,157	13
Missouri	6,123	6,184	6,122	85,722	170,080	186,721	14.0	27.5	30.5	54,419	35,477	19
N. Dakota	1,035	1,190	1,404	18,112	22,015	26,676	17.5	18.5	19.0	6,604	4,001	15
S. Dakota	5,146	4,837	4,982	82,336	25,152	73,235	16.0	5.2	14.7	7,797	9,521	13
Nebraska	9,564	10,042	10,644	239,100	170,714	269,293	25.0	17.0	25.3	51,214	35,008	13
Kansas	6,776	6,573	7,362	81,312	115,028	136,197	12.0	17.5	18.5	32,208	21,792	16
South Atlantic	10,409	10,963	11,128	135,272	194,965	155,356	13.0	17.8	14.0	86,284	61,841	40
Delaware	138	146	147	2,622	4,745	4,263	19.0	32.5	29.0	1,851	1,279	30
Maryland	508	545	548	6,858	20,710	16,440	13.5	38.0	30.0	8,077	5,261	32
Virginia	1,498	1,527	1,466	16,478	43,061	26,388	11.0	28.2	18.0	18,947	10,819	41
West Virginia	421	446	446	5,052	12,934	11,150	12.0	29.0	25.0	6,467	5,018	45
N. Carolina	2,233	2,345	2,322	40,194	48,072	34,830	18.0	20.5	15.0	19,710	15,674	45
S. Carolina	1,531	1,608	1,656	22,200	22,994	17,885	14.5	14.3	10.8	10,577	8,227	40
Georgia	3,432	3,672	3,850	36,036	36,720	38,560	10.5	10.0	10.0	17,626	13,110	34
Florida	648	674	687	5,832	5,729	5,840	9.0	8.5	8.5	2,979	2,453	42
E. S. Central	10,867	11,196	11,376	119,202	241,743	196,547	11.5	21.6	17.3	90,041	61,794	31
Kentucky	2,815	2,928	2,811	28,150	83,448	67,464	10.0	28.5	24.0	28,372	18,890	28
Tennessee	2,788	2,927	2,927	39,032	73,175	59,418	14.0	25.0	20.3	26,343	17,825	30
Alabama	*2,765*	*3,042*	*3,224*	*29,032*	*42,588*	*37,079*	*10.5*	*14.0*	*11.5*	*18,313*	*18,347*	*36*
Mississippi	1,999	2,299	2,414	22,988	42,532	32,589	11.5	18.5	13.5	17,013	11,732	36
W. S. Central	16,722	11,798	12,249	130,562	207,995	222,266	12.2	17.6	18.1	69,553	54,368	24
Arkansas	1,770	1,954	1,993	8,347	43,965	35,874	4.7	22.5	18.0	16,267	10,045	28
Louisiana	1,119	1,287	1,261	12,309	20,592	17,906	11.0	16.0	14.2	9,060	6,804	38
Oklahoma	3,193	3,321	3,288	35,762	51,808	65,760	11.2	15.6	20.0	13,988	11,837	18
Texas	4,634	5,236	5,707	74,144	91,630	102,726	16.0	17.5	18.0	30,238	25,682	25
Mountain	2,510	2,528	2,752	50,204	28,040	24,692	20.0	11.1	9.0	11,404	6,845	28
Montana	141	123	215	1,692	1,722	2,580	12.0	14.0	12.0	913	903	35
Idaho	35	42	55	1,330	1,512	2,255	38.0	36.0	41.0	877	699	31
Wyoming	192	190	213	3,072	1,900	2,024	16.0	10.0	9.5	874	526	26
Colorado	1,836	1,836	1,909	39,474	17,442	13,363	21.5	9.5	7.0	6,279	2,940	22
New Mexico	257	283	297	3,598	4,528	3,267	14.0	16.0	11.0	1,766	1,045	32
Arizona	31	36	41	496	576	615	16.0	16.0	15.0	438	400	65
Utah	16	16	20	496	320	540	31.0	20.0	27.0	227	302	56
Nevada	*2*	*2*	*2*	*46*	*40*	*48*	*23.0*	*20.0*	*24.0*	*30*	*30*	*62*
Pacific	184	189	202	5,972	5,963	6,376	32.5	31.6	31.6	3,727	3,018	47
Washington	34	37	38	1,292	1,369	1,292	38.0	37.0	34.0	767	517	40
Oregon	60	62	65	1,980	1,984	2,015	33.0	32.0	31.0	1,290	1,028	51
California	90	90	99	2,700	2,610	3,069	30.0	29.0	31.0	1,670	1,473	48

[1] Basis weighted average price for the crop-marketing season.
[2] Weighted average price per bushel for the crop-marketing season.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 587.—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 [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
	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	61,140	55,344	55,177	857,427	900,219	728,831	14.0	16.3	13.2	352,151	254,525	35
New England	3	3	3	64	65	66	21.0	22.0	22.0	49	50	76
Maine	2	2	3	44	44	66	22.0	22.0	22.0	34	50	76
Vermont	1	1	-------	20	21	-------	20.0	21.0	-------	15	-------	-------
Middle Atlantic	1,263	1,169	1,147	27,014	26,621	18,559	21.4	22.8	16.2	15,027	9,919	53
New York	224	211	201	4,086	5,311	4,086	18.2	25.2	20.3	3,027	2,084	51
New Jersey	53	49	48	1,246	1,323	1,008	23.5	27.0	21.0	807	564	56
Pennsylvania	986	909	898	21,682	19,987	13,465	22.0	22.0	15.0	11,193	7,271	54
East North Central	5,921	6,182	5,391	110,548	160,334	97,909	18.7	25.9	18.2	68,039	39,854	41
Ohio	1,612	1,723	1,585	28,712	50,744	32,456	17.8	29.5	20.5	22,835	13,956	43
Indiana	1,584	1,725	1,450	28,527	44,544	23,214	18.0	25.8	16.0	17,818	9,053	39
Illinois	1,921	1,935	1,549	35,086	45,076	23,433	18.3	23.3	15.1	18,030	9,139	39
Michigan	705	711	701	16,160	18,426	16,774	22.9	25.9	23.9	8,476	6,710	40
Wisconsin	99	88	106	2,063	1,544	2,032	20.8	17.5	19.2	880	996	49
West North Central	33,094	28,266	28,835	442,492	410,443	333,752	13.4	14.5	11.6	148,778	106,333	32
Minnesota	1,387	1,224	1,307	23,776	18,011	19,506	17.1	14.7	14.3	9,186	7,412	38
Iowa	432	357	298	8,869	7,321	4,898	20.5	20.5	16.4	2,928	1,714	35
Missouri	1,275	1,497	1,332	17,838	29,933	14,926	14.0	20.0	11.2	11,973	5,672	38
North Dakota	9,896	6,295	10,325	108,471	40,216	107,156	11.0	6.4	10.4	18,499	34,200	32
South Dakota	3,808	2,796	3,901	45,279	16,718	54,005	11.9	6.0	13.6	7,189	16,228	30
Nebraska	3,939	3,465	2,252	71,557	58,376	26,620	18.2	16.8	11.8	19,848	7,986	30
Kansas	12,357	12,632	9,270	166,702	239,868	105,551	13.5	19.0	11.5	79,156	33,031	31
South Atlantic	1,607	1,652	1,684	27,584	33,206	18,412	17.2	20.1	10.9	18,976	10,542	57
Delaware	105	91	79	2,048	2,138	908	19.5	23.5	11.5	1,069	472	52
Maryland	481	404	380	11,063	9,696	4,940	23.0	24.0	13.0	4,848	2,569	52
Virginia	591	603	579	9,160	13,266	6,253	15.5	22.0	10.8	7,429	3,502	56
West Virginia	105	113	116	1,838	2,373	1,276	17.5	21.0	11.0	1,448	727	57
North Carolina	265	339	376	2,862	4,407	3,572	10.8	13.0	9.5	3,129	2,322	65
South Carolina	34	53	80	340	689	760	10.0	13.0	9.5	537	486	64
Georgia	26	49	74	273	637	703	10.5	13.0	9.5	516	464	66
East South Central	406	508	548	5,070	10,004	5,479	12.5	19.7	10.0	5,483	2,786	51
Kentucky	202	252	270	2,828	5,544	2,835	14.0	22.0	10.5	2,717	1,304	46
Tennessee	202	252	272	2,222	4,410	2,584	11.0	17.5	9.5	2,734	1,447	56
Alabama	2	4	6	20	50	60	10.0	12.5	10.0	32	35	58
West South Central	7,042	8,335	6,955	70,019	131,439	73,454	9.9	15.8	10.6	45,132	22,367	30
Arkansas	18	36	31	203	475	248	11.3	13.2	8.0	233	109	44
Oklahoma	3,935	4,407	3,966	37,382	74,919	43,626	9.5	17.0	11.0	24,723	13,088	30
Texas	3,089	3,892	2,958	32,434	56,045	29,580	10.5	14.4	10.0	20,176	9,170	31
Mountain	7,880	5,471	6,732	100,601	63,127	103,563	12.8	11.5	15.4	25,086	32,165	31
Montana	4,217	2,182	4,070	35,313	14,478	55,610	8.4	6.6	13.7	7,239	16,683	30
Idaho	1,245	981	1,192	29,960	17,577	30,656	24.1	17.9	25.7	5,976	9,197	30
Wyoming	343	240	232	4,014	2,192	2,442	11.7	9.1	10.5	964	659	27
Colorado	1,553	1,386	680	21,574	16,632	6,699	13.9	12.0	9.9	5,480	2,278	34
New Mexico	211	387	251	1,904	6,966	1,754	9.0	18.0	7.0	2,438	614	35
Arizona	22	24	29	616	672	609	28.0	28.0	21.0	497	329	54
Utah	276	257	260	6,892	4,291	5,332	25.0	16.7	20.5	2,231	2,133	40
Nevada	13	14	18	328	319	461	25.2	22.8	25.6	252	272	59
Pacific	3,924	3,758	3,882	74,085	64,980	75,637	18.9	17.3	19.5	25,580	30,509	40
Washington	2,305	2,357	2,298	38,278	40,843	44,903	16.6	17.3	19.5	15,112	16,614	37
Oregon	1,027	945	991	23,621	17,662	20,060	23.0	18.7	20.2	6,712	8,024	40
California	592	456	593	12,136	6,475	10,674	20.5	14.2	18.0	3,756	5,871	55

[1] Basis weighted average price for the crop-marketing season.
[2] Weighted average price for the crop-marketing season.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 588.—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 [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Bus.	Bus.	Bus.	1,000 dollars	1,000 dollars	Cts. per bus.
United States	39,597	39,800	41,224	1,276,035	1,117,970	1,242,437	32.2	28.1	30.1	238,279	175,207	14
New England	197	199	214	7,348	6,382	7,732	37.3	32.1	36.1	2,584	2,565	33
Maine	120	118	130	4,749	3,776	4,940	39.5	32.0	38.0	1,548	1,630	33
New Hampshire	6	6	6	264	228	234	44.0	38.0	39.0	103	84	36
Vermont	56	61	62	1,848	1,952	2,046	33.0	32.0	33.0	761	655	32
Massachusetts	5	4	5	170	132	165	34.0	33.0	33.0	54	61	37
Rhode Island	2	2	2	70	62	68	35.0	31.0	34.0	25	26	38
Connecticut	8	8	9	256	232	279	32.0	29.0	31.0	93	109	39
Middle Atlantic	1,857	1,860	1,857	68,842	54,072	52,170	37.1	29.1	28.1	17,317	14,348	28
New York	872	863	872	34,880	24,596	27,032	40.0	28.5	31.0	7,871	7,299	27
New Jersey	40	43	41	1,360	1,333	1,066	34.0	31.0	26.0	440	309	29
Pennsylvania	945	954	944	32,602	28,143	24,072	34.5	29.5	25.5	9,006	6,740	28
East North Central	11,748	11,679	11,659	410,204	379,752	388,562	34.9	32.5	33.3	75,934	57,282	15
Ohio	1,726	1,657	1,591	62,136	62,138	45,344	36.0	37.5	28.5	12,428	7,255	16
Indiana	1,966	1,946	1,965	58,980	60,715	58,950	30.0	31.2	30.0	10,322	7,664	13
Illinois	4,207	4,182	4,307	142,944	144,279	161,512	33.5	34.5	37.5	24,527	19,381	12
Michigan	1,354	1,435	1,263	48,744	43,768	34,101	36.0	30.5	27.0	10,007	6,138	18
Wisconsin	2,435	2,459	2,533	97,400	68,852	88,655	40.0	28.0	35.0	18,590	16,844	19
West North Central	20,526	19,675	21,110	661,847	495,338	651,249	32.2	25.2	30.8	96,586	71,577	11
Minnesota	4,442	4,575	4,575	166,575	123,525	164,700	37.5	27.0	36.0	23,470	18,117	11
Iowa	6,303	6,120	6,212	233,211	189,720	223,632	37.0	31.0	36.0	36,047	24,600	11
Missouri	1,727	1,865	1,809	41,448	50,355	34,371	24.0	27.0	19.0	11,078	5,499	16
North Dakota	1,827	1,498	2,112	40,104	18,276	44,352	22.0	12.2	21.0	2,741	3,282	7
South Dakota	2,385	1,745	2,321	70,358	20,008	75,432	29.5	11.5	32.5	4,014	6,335	8
Nebraska	2,485	2,311	2,473	72,065	49,686	74,100	29.0	21.5	30.0	10,031	8,903	12
Kansas	1,357	1,561	1,608	37,996	43,708	34,572	28.0	28.0	21.5	8,305	4,840	14
South Atlantic	1,128	1,323	1,344	33,471	32,616	26,539	29.8	24.6	19.7	12,593	8,856	33
Delaware	3	3	4	102	105	104	34.0	35.0	26.0	38	30	29
Maryland	49	67	57	1,470	2,010	1,425	30.0	30.0	25.0	643	413	29
Virginia	152	189	166	2,630	4,838	3,237	17.3	25.6	19.5	1,790	971	30
West Virginia	140	148	138	2,660	3,552	3,036	19.0	24.0	22.0	1,314	972	32
North Carolina	186	197	205	3,534	4,531	3,690	19.0	23.0	18.0	1,722	1,292	35
South Carolina	344	378	389	7,912	9,450	7,974	23.0	25.0	20.5	3,496	2,631	33
Georgia	246	332	378	5,043	7,968	6,993	20.5	24.0	18.5	3,506	2,517	36
Florida	8	9	7	120	162	80	15.0	18.0	11.5	84	30	37
East South Central	367	573	417	5,314	12,555	8,256	14.5	21.9	15.0	4,398	1,767	28
Kentucky	155	232	162	2,015	5,104	2,349	13.0	22.0	14.5	1,684	564	24
Tennessee	102	138	124	1,490	2,760	1,910	14.7	20.0	15.4	911	554	29
Alabama	90	153	99	1,440	3,366	1,485	16.0	22.0	15.0	1,313	490	33
Mississippi	20	50	32	369	1,325	512	18.0	26.5	16.0	490	159	31
West South Central	2,424	3,434	3,217	58,133	107,008	67,884	24.0	31.2	21.1	20,338	8,792	18
Arkansas	94	160	114	1,730	4,160	1,596	18.5	26.0	14.0	1,123	367	23
Louisiana	13	26	20	260	754	300	20.0	29.0	15.0	249	87	29
Oklahoma	1,053	1,516	1,334	25,798	43,206	24,012	24.5	28.5	18.0	7,777	2,881	12
Texas	1,264	1,732	1,749	30,330	58,888	41,976	24.0	34.0	24.0	11,189	5,457	13
Mountain	958	609	943	21,742	14,096	25,130	25.3	23.1	26.6	4,143	5,514	22
Montana	305	183	403	5,338	3,202	10,075	17.5	17.5	25.0	961	2,116	21
Idaho	133	106	148	4,522	2,862	5,476	34.0	27.0	37.0	716	1,095	20
Wyoming	132	83	141	2,970	1,784	2,961	22.5	21.5	21.0	607	681	23
Colorado	195	142	141	6,045	3,408	3,384	31.0	24.0	24.0	920	711	21
New Mexico	34	38	40	714	1,140	920	21.0	30.0	23.0	296	221	24
Arizona	10	12	13	300	360	364	30.0	30.0	28.0	130	120	33
Utah	46	43	54	1,748	1,290	1,836	38.0	30.0	34.0	490	532	29
Nevada	3	2	3	105	50	114	35.0	25.0	38.0	23	38	33
Pacific	422	448	463	19,134	16,151	16,915	38.9	36.0	36.5	4,386	4,506	27
Washington	156	158	166	7,566	7,742	8,300	48.5	49.0	50.0	2,013	2,075	25
Oregon	240	223	223	8,880	7,136	6,802	37.0	32.0	30.5	1,927	1,905	28
California	96	67	74	2,688	1,273	1,813	28.0	19.0	24.5	446	526	29

[1] Basis weighted average price for the crop-marketing season.
[2] Weighted average price for the crop-marketing season.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 589.—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 [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
	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 bus.*
United States	12,666	11,419	13,213	303,752	198,389	299,950	24.0	17.4	22.7	64,498	59,255	20
New England	8	8	9	236	237	260	29.5	29.5	28.9	136	134	52
Maine	3	3	4	96	87	120	32.0	29.0	30.0	50	65	54
Vermont	5	5	5	140	150	140	28.0	30.0	28.0	86	69	49
Middle Atlantic	214	234	224	6,410	5,947	5,754	30.0	25.4	25.7	2,605	2,164	38
New York	168	173	154	5,208	4,325	4,004	31.0	25.0	26.0	1,860	1,481	37
New Jersey	1	1	1	32	32	25	32.0	32.0	25.0	14	10	42
Pennsylvania	45	60	69	1,170	1,590	1,725	26.0	26.5	25.0	731	673	39
East North Central	1,378	1,447	1,602	42,919	38,585	42,964	31.2	26.7	26.8	15,401	12,097	28
Ohio	109	96	90	2,834	2,640	1,890	26.0	27.5	21.0	818	454	24
Indiana	38	45	45	950	1,098	900	25.0	24.4	20.0	318	225	25
Illinois	288	297	371	8,640	8,613	10,574	30.0	29.0	28.5	3,273	2,538	24
Michigan	238	278	328	6,593	7,228	6,560	27.7	26.0	20.0	2,819	1,968	30
Wisconsin	703	731	768	23,902	19,006	23,040	34.0	26.0	30.0	8,173	6,912	30
West North Central	8,368	7,443	8,527	186,339	109,206	178,039	22.3	14.7	20.9	30,231	26,672	15
Minnesota	1,994	1,874	1,968	53,838	37,480	47,232	27.0	20.0	24.0	11,019	8,502	18
Iowa	548	521	600	16,166	13,546	15,000	29.5	26.0	25.0	4,335	3,000	20
Missouri	13	20	19	247	480	323	19.0	24.0	17.0	158	87	27
North Dakota	2,588	1,812	2,265	43,996	18,482	39,638	17.0	10.2	17.5	4,251	4,757	12
South Dakota	1,987	1,833	2,053	42,720	16,680	47,630	21.5	9.1	23.2	4,504	6,192	13
Nebraska	726	820	918	18,876	13,530	18,360	26.0	16.5	20.0	3,382	2,754	15
Kansas	512	563	704	10,496	9,008	9,856	20.5	16.0	14.0	1,982	1,380	14
South Atlantic	48	57	64	1,094	1,578	1,544	22.8	26.8	24.1	727	611	40
Maryland	12	16	21	384	528	609	32.0	33.0	29.0	211	213	35
Virginia	15	17	24	342	570	612	22.8	33.5	25.5	228	233	38
North Carolina	21	24	19	368	480	323	17.5	20.0	17.0	288	165	51
East South Central	20	29	30	369	742	524	19.0	25.6	17.5	323	211	40
Kentucky	7	12	10	140	360	200	20.0	30.0	20.0	140	72	36
Tennessee	13	17	20	229	382	324	17.6	22.5	16.2	183	139	43
West South Central	237	327	348	3,422	7,420	5,295	14.4	22.7	15.2	1,774	917	17
Oklahoma	53	106	138	662	2,226	1,725	12.5	21.0	12.5	579	310	18
Texas	184	221	210	2,760	5,194	3,570	15.0	23.5	17.0	1,195	607	17
Mountain	1,167	921	1,003	26,036	16,908	21,713	22.3	18.4	21.6	5,594	5,116	24
Montana	232	139	195	3,828	2,085	3,900	16.5	15.0	20.0	771	936	24
Idaho	148	148	163	5,032	3,848	5,868	34.0	26.0	36.0	1,270	1,350	23
Wyoming	130	98	127	2,535	1,715	2,413	19.5	17.5	19.0	686	603	25
Colorado	590	472	439	12,095	7,316	6,804	20.5	15.5	15.5	1,975	1,293	19
New Mexico	9	11	13	180	253	221	20.0	23.0	17.0	78	53	24
Arizona	10	10	15	320	320	525	32.0	32.0	35.0	154	189	36
Utah	42	38	44	1,806	1,216	1,716	43.0	32.0	39.0	572	583	34
Nevada	6	5	7	240	155	266	40.0	31.0	38.0	88	109	41
Pacific	1,228	953	1,406	36,927	17,736	43,857	30.1	18.6	31.2	7,707	11,333	28
Washington	58	59	64	1,827	1,770	1,920	31.5	30.0	30.0	620	634	33
Oregon	76	74	96	2,280	2,220	2,688	30.0	30.0	28.0	888	887	33
California	1,094	820	1,246	32,820	13,776	39,249	30.0	16.8	31.5	6,199	9,812	25

RICE (ROUGH)

United States	961	978	869	44,923	46,012	39,356	46.7	47.0	45.3	22,869	15,419	39
Arkansas	173	177	150	8,218	9,558	6,900	47.5	54.0	46.0	4,206	2,553	37
Louisiana	491	471	424	19,149	17,192	16,536	39.0	36.5	39.0	9,112	6,780	41
Texas	187	205	185	10,285	10,762	8,880	55.0	52.5	48.0	5,811	3,552	40
California	110	125	110	7,271	8,500	7,040	66.1	68.0	64.0	3,740	2,534	36

[1] Basis weighted average price for the crop-marketing season for barley and Dec. 1 farm price for rice.
[2] Weighted average price for the crop-marketing season for barley and Dec. 1 farm price for rice.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 590.—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 [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
United States	*1,000 acres* 3,543	*1,000 acres* 3,060	*1,000 acres* 3,271	*1,000 bus.* 45,481	*1,000 bus.* 32,026	*1,000 bus.* 39,855	*Bus.* 12.8	*Bus.* 10.5	*Bus.* 12.2	*1,000 dolls.* 10,805	*1,000 dolls.* 8,981	*Cts. per bus.* 23
New York	24	20	18	384	340	279	16.0	17.0	15.5	173	120	43
New Jersey	28	21	22	504	357	374	18.0	17.0	17.0	182	172	46
Pennsylvania	127	135	124	1,842	2,025	1,550	14.5	15.0	12.5	972	666	43
Ohio	42	74	44	504	1,332	572	12.0	18.0	13.0	466	172	30
Indiana	87	113	85	1,088	1,638	978	12.5	14.5	11.5	508	264	27
Illinois	58	64	45	870	992	562	15.0	15.5	12.5	317	152	27
Michigan	140	158	158	1,820	2,133	2,133	13.0	13.5	13.5	701	576	27
Wisconsin	194	175	236	2,425	2,188	2,832	12.5	12.5	12.0	853	878	31
Minnesota	424	365	310	6,869	5,475	4,960	16.2	15.0	16.0	1,588	1,042	21
Iowa	45	41	49	720	615	735	16.0	15.0	15.0	203	176	24
Missouri	14	28	15	140	336	112	10.0	12.0	7.5	134	41	37
North Dakota	1,223	770	1,040	14,064	4,620	11,440	11.5	6.0	11.0	1,016	1,716	15
South Dakota	414	352	475	6,293	2,464	7,125	15.2	7.0	15.0	591	1,069	15
Nebraska	317	333	283	4,121	2,997	2,830	13.0	9.0	10.0	809	566	20
Kansas	18	25	19	189	300	209	10.5	12.0	11.0	96	50	24
Delaware	5	7	7	70	122	88	14.0	17.5	12.5	63	37	42
Maryland	19	21	19	285	378	228	15.0	18.0	12.0	181	96	42
Virginia	40	70	53	460	1,141	530	11.5	16.3	10.0	616	260	49
West Virginia	11	16	15	126	259	128	11.5	16.2	8.5	140	61	48
North Carolina	49	64	64	392	576	512	8.0	9.0	8.0	397	312	61
South Carolina	7	8	9	56	76	72	8.0	9.5	8.0	73	51	71
Georgia	10	13	14	65	110	88	6.5	8.5	6.3	109	61	69
Kentucky	14	24	13	147	360	117	10.5	15.0	9.0	166	50	43
Tennessee	14	22	19	98	176	114	7.0	8.0	6.0	111	63	55
Oklahoma	7	9	6	70	117	60	10.0	13.0	10.0	37	15	25
Texas	2	3	3	20	40	27	10.0	13.5	9.0	11	7	26
Montana	68	20	40	544	90	520	8.0	4.5	13.0	19	78	15
Idaho	4	3	4	48	30	48	12.0	10.0	12.0	15	12	26
Wyoming	30	25	24	255	150	144	8.5	6.0	6.0	52	36	25
Colorado	74	53	25	629	371	150	8.5	7.0	6.0	85	36	24
Utah	3	3	3	27	15	24	9.0	5.0	8.0	9	11	44
Washington	9	10	9	81	75	72	9.0	7.5	8.0	39	29	40
Oregon	22	15	21	275	128	242	12.5	8.5	11.5	70	106	44

GRAIN SORGHUMS [4]

United States	6,586	7,156	7,850	64,416	105,214	105,871	9.8	14.7	13.5	26,978	20,274	19
Missouri	65	80	86	975	1,240	1,419	15.0	15.5	16.5	384	710	50
Nebraska	12	15	22	204	218	330	17.0	14.5	15.0	65	99	30
Kansas	988	1,107	1,328	10,374	17,158	17,264	10.5	15.5	13.0	4,118	3,108	18
Oklahoma	1,335	1,443	1,602	8,678	14,430	15,219	6.5	10.0	9.5	3,463	2,739	18
Texas	3,593	3,871	4,065	35,930	60,000	63,008	10.0	15.5	15.5	15,600	11,341	18
Colorado	180	191	206	2,340	2,101	1,236	13.0	11.0	6.0	420	198	16
New Mexico	297	356	392	2,435	7,832	3,763	8.2	22.0	9.6	1,723	677	18
Arizona	30	24	28	900	648	728	30.0	27.0	26.0	285	240	33
California	86	69	121	2,580	1,587	2,904	30.0	23.0	24.0	920	1,162	40

[1] Based on weighted average price for the crop-marketing season except value of grain sorghums for 1932 which is based on Dec. 1 prices.

[2] Weighted average price for the crop-marketing season for barley and Dec. 1 farm price for grain sorghums.

[3] Preliminary.

[4] For all purposes; production includes grain equivalent on forage acreage.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 591.—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 [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
United States	*1,000 acres* 3,038	*1,000 acres* 3,375	*1,000 acres* 3,368	*1,000 bus.* 333,936	*1,000 bus.* 375,310	*1,000 bus.* 356,589	*Bus.* 110	*Bus.* 111	*Bus.* 106	*1,000 dolls.* 173,767	*1,000 dolls.* 136,922	*Cts. per bu.* 39
New England	231	248	219	54,065	58,190	47,870	234	235	218	17,690	14,356	30
Maine	183	195	168	45,750	50,310	39,480	250	258	235	12,578	9,870	25
New Hampshire	9	9	8	1,665	1,485	1,320	185	165	165	906	686	52
Vermont	15	17	16	2,475	2,550	2,320	165	150	145	1,224	1,067	46
Massachusetts	11	13	13	1,870	1,625	1,950	170	125	150	1,365	1,268	65
Rhode Island	2	2	2	380	300	320	190	150	160	273	237	74
Connecticut	11	12	12	1,925	1,920	1,980	175	160	165	1,344	1,228	62
Middle Atlantic	424	434	450	48,830	63,064	56,955	115	145	127	32,251	25,212	44
New York	198	202	210	23,364	28,684	28,350	118	142	135	13,481	11,624	41
New Jersey	37	41	45	7,511	7,831	7,155	203	191	159	4,699	3,506	49
Pennsylvania	189	191	195	17,955	26,549	21,450	95	139	110	14,071	10,082	47
East North Central	669	736	752	49,910	68,074	74,453	75	94	99	29,010	24,027	32
Ohio	105	110	117	9,240	11,220	11,583	88	102	99	6,956	5,500	48
Indiana	51	58	61	4,539	4,930	5,490	89	85	90	2,909	2,525	46
Illinois	47	50	54	3,666	4,250	4,860	78	85	90	3,060	2,965	61
Michigan	227	250	260	14,301	23,750	29,900	63	95	115	7,362	7,774	26
Wisconsin	239	268	260	18,164	24,924	22,620	76	93	87	8,723	5,203	23
West North Central	732	834	910	57,150	58,610	70,617	78	70	78	26,080	19,819	28
Minnesota	314	361	372	22,608	28,880	29,016	72	80	78	9,819	6,256	22
Iowa	70	70	73	4,900	3,850	8,030	70	55	110	2,888	2,971	37
Missouri	50	51	52	5,300	3,927	5,200	106	77	100	2,827	2,652	51
North Dakota	97	121	161	6,305	8,954	9,338	65	74	58	2,955	1,902	21
South Dakota	58	54	73	3,654	2,160	5,110	63	40	70	1,231	1,278	25
Nebraska	101	131	135	9,595	7,205	8,775	95	55	65	4,107	2,752	32
Kansas	42	46	44	4,788	3,634	5,148	114	79	117	2,253	2,008	39
South Atlantic	333	345	297	32,891	38,238	27,353	99	111	92	24,458	18,554	68
Delaware	4	5	6	200	540	516	50	108	86	319	289	56
Maryland	30	32	31	2,520	3,360	2,945	84	105	95	1,714	1,620	55
Virginia	117	118	94	14,157	14,278	9,682	121	121	103	7,853	6,100	63
West Virginia	38	40	41	2,394	3,200	3,608	63	80	88	2,592	2,381	66
North Carolina	76	79	68	7,220	8,532	6,596	95	108	97	4,778	4,485	68
South Carolina	21	25	17	2,835	3,500	1,462	135	140	86	2,380	1,213	83
Georgia	15	18	17	1,005	1,188	1,003	67	66	59	891	863	86
Florida	32	28	23	2,560	3,640	1,541	80	130	67	3,931	1,603	104
East South Central	122	165	163	8,269	12,095	11,741	68	73	72	9,250	8,540	73
Kentucky	44	55	60	2,772	3,960	4,620	63	72	77	3,010	3,095	67
Tennessee	41	57	53	2,747	3,363	3,657	67	59	69	2,892	2,633	72
Alabama	28	39	36	2,156	3,666	2,484	77	94	69	2,530	2,087	84
Mississippi	9	14	14	594	1,106	980	66	79	70	818	725	74
West South Central	160	203	182	12,777	15,338	12,267	80	76	67	9,831	8,482	69
Arkansas	31	43	37	2,697	3,655	2,627	87	85	71	1,901	1,681	64
Louisiana	34	48	41	2,176	3,552	2,378	64	74	58	1,812	1,831	77
Oklahoma	38	45	42	3,344	3,240	3,108	88	72	74	1,912	1,647	53
Texas	57	67	62	4,560	4,891	4,154	80	73	67	4,206	3,323	80
Mountain	253	287	280	50,319	41,206	38,024	199	144	136	14,164	10,107	27
Montana	18	19	22	1,764	1,615	2,244	98	85	102	904	920	41
Idaho	98	110	99	24,500	24,200	19,800	250	220	200	6,776	4,463	23
Wyoming	22	31	33	3,300	2,945	1,650	150	95	50	1,443	475	30
Colorado	92	101	100	17,480	9,595	11,000	190	95	110	3,166	2,750	25
New Mexico	5	5	6	350	385	510	70	77	85	412	296	58
Arizona	3	3	3	255	255	270	85	85	90	303	246	91
Utah	12	15	15	2,160	1,950	2,250	180	130	150	956	810	36
Nevada	3	3	2	510	261	300	170	87	150	204	147	49
Pacific	114	123	115	19,725	19,495	17,809	173	158	155	11,033	7,825	44
Washington	48	44	40	7,680	6,820	6,400	160	155	160	3,274	2,383	38
Oregon	33	42	42	5,115	5,460	5,040	155	130	120	2,348	2,050	41
California	33	37	33	6,930	7,215	6,369	210	195	193	5,411	3,376	53

[1] Based on weighted average price for the crop-marketing season.
[2] Weighted average price for the crop-marketing season.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 592.—SWEETPOTATOES AND TOBACCO: Acreage, Production, and Farm Value by States

Note.—Weight of a bushel of sweetpotatoes, 54 pounds

SWEETPOTATOES

State	Acreage			Production			Yield per acre			Farm value [1]		Farm price, 1932 [2]
	1930	1931	1932 [2]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
	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	649	785	926	53,117	63,043	78,484	82	80	85	45,688	37,652	48
New Jersey	12	13	12	1,440	1,950	1,560	120	150	130	1,404	1,030	66
Indiana	2	4	4	190	540	440	95	135	110	432	273	62
Illinois	5	8	7	400	612	735	80	102	105	392	301	41
Iowa	*3*	*3*	*3*	*285*	*300*	*300*	95	100	100	291	195	*65*
Missouri	9	10	10	765	900	900	85	90	90	774	459	51
Kansas	5	6	6	525	570	720	105	95	120	513	396	55
Delaware	7	8	7	525	1,400	826	75	175	118	560	322	39
Maryland	9	11	8	630	2,013	920	70	183	115	1,087	414	45
Virginia	*37*	38	38	2,960	4,750	3,610	80	125	95	2,898	1,300	36
North Carolina	75	80	94	6,750	6,560	7,990	90	82	85	4,592	4,794	60
South Carolina	49	53	66	4,655	3,180	6,072	95	60	92	2,162	2,793	46
Georgia	79	91	109	*6,320*	*4,550*	*8,938*	80	*50*	82	*4,568*	*3,933*	44
Florida	19	21	25	1,520	*1,638*	*1,500*	80	78	60	1,736	975	65
Kentucky	13	21	25	845	2,058	2,200	65	98	88	1,646	1,342	61
Tennessee	54	68	75	4,536	5,440	6,600	84	80	88	3,536	2,508	38
Alabama	68	78	101	5,440	5,070	8,585	80	65	85	4,462	5,409	63
Mississippi	45	63	79	3,825	5,544	7,900	85	88	100	4,047	3,160	40
Arkansas	*23*	*32*	38	1,656	2,624	2,660	72	82	70	1,601	1,277	48
Louisiana	60	72	84	*4,200*	*5,400*	*5,544*	*70*	*75*	*66*	*3,240*	*2,430*	44
Oklahoma	17	18	22	1,190	1,260	1,584	70	70	72	882	729	46
Texas	48	77	100	3,360	5,544	7,600	70	72	76	3,493	2,888	38
California	10	12	13	1,100	1,140	1,300	110	95	100	1,072	716	55

TOBACCO

United States	*1,000 acres* 2,112	*1,000 acres* 2,016	*1,000 acres* 1,433	*1,000 pounds* 1,647,377	*1,000 pounds* 1,604,226	*1,000 pounds* 1,033,330	*Lbs.* 780	*Lbs.* 796	*Lbs.* 721	*1,000 dolls.* 131,830	*1,000 dolls.* 110,910	*Cts. per lb.* 10.7
Massachusetts	8	8	6	11,728	10,085	7,896	1,413	1,327	1,410	1,936	1,295	16.4
Connecticut	23	23	15	32,409	29,250	20,257	1,385	1,300	1,378	6,669	4,692	20.2
New York	1	1	1	1,045	1,560	1,400	950	1,300	1,000	148	119	8.5
Pennsylvania	41	41	42	*39,854*	*57,669*	*43,363*	*965*	*1,410*	*1,030*	4,268	3,035	7.0
Ohio	48	55	45	45,695	54,615	32,940	950	993	732	3,550	2,503	7.6
Indiana	18	21	14	13,536	19,306	10,522	752	915	768	1,255	1,084	10.3
Wisconsin	42	40	28	52,920	48,800	36,176	1,260	1,220	1,292	2,635	1,339	3.7
Minnesota	2	2	1	2,875	2,135	660	1,250	1,150	1,100	120	20	3.0
Missouri	7	8	7	6,752	7,125	7,175	925	950	1,025	720	861	12.0
Maryland	35	38	33	18,725	29,605	22,750	535	775	700	4,441	3,640	16.0
Virginia	186	153	95	112,530	97,920	56,715	605	640	597	6,463	5,161	9.1
West Virginia	6	7	4	3,906	5,130	2,100	620	740	600	482	300	14.3
North Carolina	766	698	475	585,990	479,526	280,840	765	687	590	42,198	33,701	12.0
South Carolina	116	102	68	98,600	69,972	39,236	850	686	577	6,437	4,904	12.5
Georgia	114	84	27	104,538	59,640	12,501	917	710	463	4,056	1,413	11.3
Florida	11	9	4	9,756	7,598	2,961	895	835	705	1,687	799	27.0
Kentucky	519	565	433	372,123	488,725	345,101	717	865	797	34,699	35,545	10.3
Tennessee	*166*	*101*	*135*	*134,128*	*135,240*	*110,565*	*808*	*840*	*819*	*16,008*	*11,058*	*10.0*
Louisiana	1	1	(4)	267	225	172	445	450	430	58	43	25.0

[1] Based on weighted average price for the crop-marketing season.
[2] Weighted average price for the crop-marketing season.
[3] Preliminary.
[4] Less than 500 acres.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 593.—TAME HAY: Acreage, Production, and Farm Value, by States

Note.—Tons are of 2,000 pounds

Division and State	Acreage			Production			Yield per acre			Farm value[1]		Farm price, 1932[2]
	1930	1931	1932[3]	1930	1931	1932[3]	1930	1931	1932	1931	1932[3]	
United States	*1,000 acres* 52,623	*1,000 acres* 53,879	*1,000 acres* 52,819	*1,000 tons* 63,566	*1,000 tons* 65,058	*1,000 tons* 69,609	*Tons* 1.21	*Tons* 1.21	*Tons* 1.32	*1,000 dollars* 588,202	*1,000 dollars* 463,616	*Dolls. per ton* 6.66
New England	2,869	2,831	2,833	3,147	3,385	2,965	1.10	1.20	1.05	40,303	35,037	11.82
Maine	977	962	966	868	947	804	.89	.98	.83	9,375	7,960	9.90
N. Hampshire	350	344	336	387	377	303	1.11	1.10	.90	4,449	3,939	13.00
Vermont	912	907	916	1,084	1,213	1,104	1.19	1.34	1.21	11,524	10,819	9.80
Massachusetts	336	334	332	427	481	404	1.27	1.44	1.22	8,610	6,464	16.00
Rhode Island	35	34	34	41	44	41	1.17	1.29	1.21	854	726	17.70
Connecticut	259	250	249	340	323	309	1.31	1.29	1.24	5,491	5,129	16.60
Middle Atlantic	6,656	6,652	6,655	7,850	8,792	7,837	1.18	1.32	1.18	89,678	64,283	8.20
New York	3,955	3,990	4,028	4,542	5,286	4,914	1.15	1.32	1.22	46,517	35,381	7.20
New Jersey	205	207	202	307	352	318	1.50	1.70	1.57	4,998	4,134	13.00
Pennsylvania	2,496	2,455	2,425	3,001	3,154	2,605	1.20	1.28	1.07	38,163	24,748	9.50
E. N. Central	12,560	12,198	11,716	13,162	14,531	14,573	1.05	1.19	1.24	122,242	91,913	6.31
Ohio	2,455	2,519	2,383	1,839	3,196	2,496	.75	1.27	1.05	21,094	11,731	4.70
Indiana	1,712	1,775	1,774	1,418	2,041	2,212	.83	1.15	1.25	13,879	11,060	5.00
Illinois	2,485	2,330	2,313	2,453	2,918	3,088	.99	1.25	1.34	22,469	16,058	5.20
Michigan	2,548	2,394	2,365	2,460	2,543	3,105	.97	1.06	1.31	21,870	17,078	5.50
Wisconsin	3,360	3,180	2,881	4,992	3,833	3,672	1.49	1.21	1.27	42,930	35,986	9.80
W. N. Central	13,518	14,137	13,002	16,381	14,513	17,838	1.21	1.03	1.37	108,056	93,574	5.25
Minnesota	2,411	2,536	2,580	3,179	2,756	3,699	1.32	1.09	1.43	22,875	22,504	6.10
Iowa	3,099	2,863	2,777	4,214	3,266	4,468	1.36	1.14	1.61	27,434	25,914	5.80
Missouri	3,112	2,737	2,538	2,242	2,784	2,285	.72	1.00	.90	18,931	12,568	5.50
North Dakota	1,055	1,771	1,366	1,084	1,202	1,615	1.03	.71	1.18	7,320	6,460	4.00
South Dakota	1,178	1,425	1,015	1,164	759	1,045	.99	.53	1.03	6,072	4,441	4.25
Nebraska	1,603	1,661	1,649	2,867	2,093	2,926	1.79	1.26	1.77	15,070	13,167	4.50
Kansas	1,060	1,094	1,077	1,631	1,593	1,800	1.54	1.46	1.67	10,354	8,460	4.70
South Atlantic	3,276	3,720	3,883	2,139	3,491	3,209	.65	.94	.83	42,019	31,784	9.90
Delaware	60	63	73	60	106	114	1.00	1.68	1.56	1,166	1,060	9.30
Maryland	369	381	404	309	469	470	.84	1.23	1.16	5,628	4,465	9.50
Virginia	811	910	844	424	1,002	772	.52	1.10	.91	12,024	7,952	10.30
West Virginia	619	648	620	316	651	558	.51	1.00	.90	8,072	5,636	10.10
North Carolina	623	721	745	532	679	565	.85	.94	.76	8,827	6,334	11.30
South Carolina	200	244	287	144	178	210	.72	.73	.73	2,118	2,100	10.00
Georgia	521	675	826	312	360	481	.60	.53	.58	3,600	3,848	8.00
Florida	73	78	84	42	46	39	.58	.59	.46	584	339	8.70
E. S. Central	2,941	3,304	3,290	1,942	3,291	3,011	.66	1.00	.92	33,466	23,827	7.91
Kentucky	1,071	1,175	1,131	629	1,231	1,141	.59	1.05	1.01	12,310	8,786	7.70
Tennessee	1,188	1,237	1,204	770	1,176	1,050	.65	.95	.88	12,936	9,187	8.70
Alabama	432	572	637	306	444	445	.71	.78	.70	3,996	3,160	7.10
Mississippi	250	320	318	237	440	369	.95	1.38	1.16	4,224	2,694	7.30
W. S. Central	1,527	1,728	1,775	1,688	2,164	2,156	1.04	1.25	1.21	16,804	12,310	5.71
Arkansas	486	574	537	432	706	547	.89	1.23	1.02	5,800	3,610	6.60
Louisiana	152	166	170	187	274	221	1.23	1.65	1.30	2,411	1,503	6.80
Oklahoma	398	445	510	490	568	746	1.23	1.28	1.46	3,806	3,730	5.00
Texas	491	543	558	479	606	642	.98	1.12	1.15	4,727	3,467	5.40
Mountain	5,828	5,765	5,979	9,777	7,946	10,244	1.68	1.38	1.71	70,019	56,096	5.48
Montana	1,619	1,636	1,654	1,946	1,648	2,418	1.20	1.01	1.46	14,832	13,299	5.50
Idaho	1,033	1,029	1,102	2,264	2,080	2,673	2.19	2.02	2.43	17,056	11,227	4.20
Wyoming	756	766	795	936	788	969	1.24	1.03	1.22	7,250	5,911	6.10
Colorado	1,292	1,258	1,274	2,215	1,647	1,830	1.71	1.31	1.44	12,517	11,895	6.50
New Mexico	150	162	167	321	363	322	2.14	2.24	1.93	3,993	2,415	7.50
Arizona	120	127	137	352	366	363	2.93	2.88	2.65	3,294	2,323	6.40
Utah	536	610	650	1,295	831	1,268	2.04	1.36	1.95	8,892	7,101	5.60
Nevada	222	177	200	448	223	401	2.02	1.26	2.00	2,185	1,925	4.80
Pacific	3,448	3,544	3,686	7,580	6,955	7,776	2.20	1.96	2.11	65,615	54,812	7.05
Washington	804	845	848	1,556	1,738	1,717	1.94	2.06	2.02	14,947	12,362	7.20
Oregon	929	935	992	1,743	1,497	1,705	1.88	1.60	1.72	12,724	10,230	6.00
California	1,715	1,764	1,846	4,281	3,720	4,354	2.50	2.11	2.36	37,944	32,220	7.40

[1] Based on Dec. 1 farm price.
[2] Dec. 1 price.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 594.—WILD HAY: Acreage, Production, and Farm Value, by States

Note.—Tons are of 2,000 pounds

Division and State	Acreage			Production			Yield per acre			Farm value [1]		Farm price, 1932 [2]
	1930	1931	1932 [3]	1930	1931	1932 [3]	1930	1931	1932	1931	1932 [3]	
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Tons*	*Tons*	*Tons*	*1,000 dollars*	*1,000 dollars*	*Dolls. per ton*
United States	13,793	12,259	14,298	10,744	8,378	12,179	0.78	0.68	0.85	51,713	48,739	4.00
New England	26	26	26	23	25	23	.88	.96	.88	210	195	8.48
Maine	5	5	5	4	5	4	.80	1.00	.90	35	30	7.40
New Hampshire	4	4	4	3	4	3	.70	.90	.80	28	27	8.90
Vermont	6	6	6	5	5	6	.80	.85	1.00	32	38	6.40
Massachusetts	6	6	6	6	6	5	.92	.97	.85	61	48	9.60
Rhode Island	1	1	1	1	1	1	.80	.80	.85	10	10	9.80
Connecticut	4	4	4	4	4	4	1.00	1.10	1.05	44	42	10.40
Middle Atlantic	71	63	64	75	69	62	1.06	1.10	.97	495	358	5.77
New York	45	38	40	52	42	40	1.15	1.10	1.00	252	208	5.20
New Jersey	13	13	12	14	14	14	1.10	1.10	1.15	133	98	7.00
Pennsylvania	13	12	12	9	13	8	.70	1.05	.70	110	52	6.50
East North Central	314	383	438	317	377	453	1.01	.98	1.03	2,399	2,530	5.58
Ohio	4	5	4	2	4	3	.50	.75	.70	22	12	4.10
Indiana	8	8	8	7	7	8	.87	.89	.95	34	30	3.75
Illinois	18	16	16	14	14	14	.80	.85	.90	95	56	4.00
Michigan	40	39	29	38	37	28	.95	.95	.95	200	112	4.00
Wisconsin	244	315	381	256	315	400	1.05	1.00	1.05	2,048	2,320	5.80
West North Central	10,282	9,093	10,362	7,780	5,702	8,500	.76	.63	.82	32,883	30,663	3.61
Minnesota	1,889	1,776	1,865	1,795	1,332	1,865	.95	.75	1.00	7,726	7,646	4.10
Iowa	205	174	174	195	122	200	.95	.70	1.15	854	900	4.50
Missouri	129	135	138	103	135	138	.80	1.00	1.00	948	607	4.40
North Dakota	1,799	1,619	1,862	1,439	971	1,583	.80	.60	.85	5,146	5,303	3.35
South Dakota	2,457	1,769	2,512	1,351	884	1,633	.55	.50	.65	6,100	5,144	3.15
Nebraska	2,902	2,728	2,919	2,176	1,500	2,189	.75	.55	.75	9,150	8,209	3.75
Kansas	901	892	892	721	758	892	.80	.85	1.00	3,259	2,854	3.20
South Atlantic	84	80	70	60	74	56	.71	.92	.80	688	416	7.43
Delaware	2	2	3	2	3	3	1.00	1.50	1.00	18	10	3.50
Maryland	3	5	3	2	4	3	.65	.90	.90	36	20	6.60
Virginia	8	9	7	4	7	5	.50	.80	.65	63	35	7.00
West Virginia	11	6	5	4	5	4	.40	.81	.90	50	30	7.50
North Carolina	25	24	19	19	26	15	.75	1.10	.80	247	132	8.80
South Carolina	12	11	11	8	9	7	.64	.80	.60	104	55	7.80
Georgia	19	19	18	18	17	10	.95	.90	.90	136	112	7.00
Florida	4	4	4	3	3	3	.85	.70	.70	34	22	7.40
East South Central	141	128	130	90	116	115	.64	.91	.88	528	637	5.54
Kentucky	13	10	10	10	10	10	.75	.95	.95	65	58	5.80
Tennessee	48	38	40	25	30	29	.53	.80	.73	216	157	5.40
Alabama	42	42	42	32	34	38	.75	.80	.90	272	224	5.90
Mississippi	38	38	38	23	42	38	.60	1.10	1.00	273	198	5.20
West South Central	890	894	922	685	795	799	.77	.89	.87	4,488	3,279	4.10
Arkansas	169	152	160	101	167	144	.60	1.10	.90	918	648	4.50
Louisiana	20	26	26	13	30	20	.65	1.15	.75	180	114	5.70
Oklahoma	506	511	531	405	424	451	.80	.83	.85	2,120	1,579	3.50
Texas	195	205	205	166	174	184	.85	.85	.90	1,270	938	5.10
Mountain	1,594	1,242	1,830	1,300	913	1,672	.82	.74	.91	7,369	8,147	4.87
Montana	574	402	804	373	281	683	.65	.70	.85	2,248	3,415	5.00
Idaho	97	78	101	87	78	152	.90	1.00	1.50	546	509	3.35
Wyoming	310	263	310	232	132	232	.75	.50	.75	1,241	1,253	5.40
Colorado	366	362	366	366	290	329	1.00	.80	.90	2,175	1,777	5.40
New Mexico	23	23	23	18	21	17	.80	.90	.75	168	110	6.50
Arizona	12	12	10	12	13	10	1.00	1.10	1.00	113	57	5.70
Utah	69	66	70	69	69	74	1.00	1.05	1.05	600	326	4.40
Nevada	143	36	146	143	29	175	1.00	.80	1.20	278	700	4.00
Pacific	391	350	456	414	307	499	1.06	.88	1.09	2,365	2,514	5.04
Washington	31	31	31	37	36	40	1.20	1.15	1.30	281	240	6.00
Oregon	222	222	289	211	189	289	.95	.85	1.00	1,418	1,373	4.75
California	138	97	136	166	82	170	1.20	.85	1.25	666	901	5.30

[1] Based on Dec. 1 farm price.
[2] Dec. 1 price.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 595.—ORCHARD FRUITS: PRODUCTION AND VALUE

Crop	Unit	Production (thousands) 1929	1930	1931	1932 [1]	Value (thousands of dollars) [2] 1929	1930	1931	1932 [2]
Apples, total	Bu	133,347	153,324	202,415	[3] 139,156	184,787	156,711	131,905	82,110
Commercial	Bbl	28,888	33,529	34,592	28,273				
Peaches	Bu	44,977	[3] 54,199	[3] 76,586	[3] 46,267	59,652	44,142	40,726	18,900
Pears	do	21,138	[3] 25,633	[3] 23,346	[3] 21,981	30,152	18,292	13,667	7,035
Grapes	Ton	2,078	[3] 2,441	[3] 1,622	[3] 2,162	56,574	44,817	36,100	26,372
Cherries (12 States)	do	92	114	[3] 111	[3] 126	14,739	14,688	7,873	5,310
Plums and prunes, fresh (4 States)	do	117	148	[3] 117	[3] 153	5,382	4,291	2,449	1,579
Prunes, dried (4 States)	do	161	[3] 303	239	[3] 204	24,129	15,856	14,371	10,369
Oranges (7 States)	Box	34,034	54,694	49,734	48,788	123,175	89,764	65,982	71,891
Grapefruit (4 States)	do	11,095	18,825	15,147	13,221	26,860	22,717	15,924	14,736
Lemons (California)	do	5,900	7,950	7,800	7,000	21,830	18,682	15,210	15,750

[1] Based on average price for the crop marketing season; for apples, weighted average.
[2] Preliminary.
[3] Includes some quantities not harvested on account of market conditions.

No. 596.—APPLES, PEACHES, PEARS, AND GRAPES: PRODUCTION IN LEADING STATES

State	Apples (1,000 bushels) 1930	1931	1932 [1]	Peaches (1,000 bushels) 1930	1931	1932 [1]	Pears (1,000 bushels) 1930	1931	1932 [1]	Grapes (tons of 2,000 pounds) 1930	1931	1932 [1]
United States [2]	153,324	202,415	139,156	54,199	76,586	46,267	25,633	23,346	21,981	2,440,956	1,621,837	2,162,409
Maine	2,115	1,179	2,412				12	12	12	29	25	24
N. H	1,242	520	936	23	24	20	12	12	12	48	46	43
Vermont	744	800	1,050				8	10	11	40	42	42
Mass	4,182	1,575	3,442	177	153	166	71	44	63	416	369	334
Connecticut	1,516	615	1,386	249	210	215	29	18	28	1,331	1,243	1,226
New York	22,742	17,902	22,197	1,717	1,860	1,663	1,800	800	1,745	75,624	97,378	67,971
New Jersey	3,959	3,400	3,640	1,360	2,230	1,776	104	96	112	3,017	3,084	3,230
Pennsylvania	9,884	14,000	9,537	1,020	2,660	1,676	445	470	384	22,420	30,600	22,977
Ohio	4,023	14,600	5,145	350	2,220	814	273	505	313	27,000	31,000	31,938
Indiana	1,240	3,600	871	14	1,480	106	128	264	80	2,550	3,250	3,108
Illinois	3,780	8,265	2,300	(3)	4,300	188	265	760	64	4,320	6,800	6,000
Michigan	5,540	10,070	5,690	908	1,946	1,738	655	484	687	65,130	57,270	71,775
Wisconsin	1,015	1,827	1,914							300	380	396
Minnesota	359	1,180	660							194	310	327
Iowa	923	1,620	1,827	9	112	76	59	94	78	5,803	6,700	7,650
Missouri	1,412	5,412	928	24	1,500	102	172	500	51	7,500	10,400	9,717
Nebraska	338	500	627	25	50	58	36	35	38	2,630	2,520	2,960
Kansas	000	1,010	548	35	330	50	118	220	35	3,300	4,800	4,810
Delaware	1,694	1,800	1,095	190	500	227	19	38	35	2,200	1,980	2,352
Maryland	1,533	3,458	1,368	260	820	320	81	149	92	655	671	625
Virginia	7,700	21,117	7,830	260	1,600	306	100	510	83	1,500	1,970	1,488
West Virginia	3,812	12,954	4,917	110	1,030	143	24	129	23	804	1,304	1,008
N. Carolina	2,538	5,328	1,825	1,700	3,128	1,645	122	340	99	4,300	5,100	3,431
S. Carolina	265	320	164	1,200	1,840	792	88	119	54	994	1,033	750
Georgia	1,065	1,440	640	5,500	9,134	1,170	155	204	106	808	869	630
Kentucky	800	4,606	720	70	1,280	79	67	320	37	800	1,275	1,035
Tennessee	1,220	3,375	936	600	2,850	300	150	335	59	1,000	1,275	1,005
Alabama	656	1,100	252	1,170	1,530	221	315	360	132	650	720	509
Mississippi	156	260	51	630	1,060	132	210	260	107	240	281	178
Arkansas	1,389	3,124	1,368	100	3,000	341	90	200	34	6,400	10,440	12,936
Oklahoma	205	378	387	80	360	280	95	91	46	2,275	2,550	3,440
Texas	114	150	158	800	1,500	792	355	383	182	1,700	1,845	1,809
Idaho	5,425	5,000	4,209	15	170	178	73	58	60	565	531	561
Colorado	976	2,000	2,294	763	1,130	1,142	200	525	429	290	280	462
New Mexico	461	1,082	726	60	101	44	27	55	44	700	1,058	1,050
Arizona	78	96	77	90	85	83	14	18	15	1,700	1,900	1,912
Utah	1,200	400	924	370	550	748	95	49	76	1,200	1,050	1,274
Washington	37,850	31,400	28,980	600	1,050	1,320	4,463	3,650	3,723	5,000	5,400	5,963
Oregon	5,810	4,150	4,950	300	220	348	3,165	1,995	2,808	2,150	2,670	2,640
California [2]	11,644	9,112	9,045	33,169	24,127	26,836	11,334	9,084	9,917	2,182,000	1,320,000	1,882,000
Other States	1,119	790	1,231	251	446	172	124	150	107	1,283	1,409	823

[1] Preliminary.
[2] Production for California includes some quantities not harvested on account of market conditions as follows—Apples (thousands of bushels), 1932, 220: peaches (thousands of bushels), 1930, 16,818; 1931, 12,001; 1932, 10,168: pears (thousands of bushels), 1930, 1,292; 1931, 625; 1932, 2,500: grapes (tons), 1930, 740,000; 1931, 10,000; 1932, 170,000.
[3] Crop failure.

Source of Tables 595 and 596: Bureau of Agricultural Economics, Department of Agriculture.

No. 597.—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	----------	----------	1923	202,842	45,382	17,845
1896–1900	179,143	----------	----------	1924	171,725	53,848	18,866
1901–1905	182,672	38,166	----------	1925	172,389	46,562	20,720
1906–1910	154,454	39,684	----------	1926	246,609	[1] 69,865	25,249
1911–1915	215,572	49,027	11,341	1927	123,693	[1] 45,463	18,373
1916–1920	179,208	43,632	14,066	1928	186,893	[1] 68,369	24,212
1921–1925	169,732	46,849	17,887	1929	133,347	44,977	[1] 21,138
1926–1930	172,705	56,554	23,120	1930	153,324	[1] 54,199	[1] 25,633
1921	99,002	32,602	11,297	1931	202,415	[1] 76,586	[1] 23,346
1922	202,702	55,852	20,705	1932	[1] 139,156	[1] 46,257	[1] 21,931

[1] Includes some estimated quantities not harvested or not utilized.

No. 598.—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			
	1929	1930	1931	1932	1929	1930	1931	1932	1929	1930	1931	1932	1929	1930	1931	1932
United States	1.39	1.02	0.65	0.59	1.33	0.89	0.56	0.52	1.43	0.75	0.60	0.39	27	19	22	13
Maine	.96	.85	.37	.61	----	----	----	----	1.85	1.70	1.30	1.00	120	110	95	80
New Hampshire	1.35	.95	1.03	.72	2.00	2.00	1.55	1.50	1.60	1.50	1.40	.95	120	110	95	80
Vermont	1.51	1.34	1.10	.78	----	----	----	----	1.95	1.60	1.50	1.05	120	110	95	80
Massachusetts	1.65	.90	1.20	.69	2.10	1.60	1.25	1.15	1.80	1.20	1.30	.85	100	90	75	65
Rhode Island	2.01	1.13	1.24	.72	2.50	1.80	1.40	1.15	2.00	1.25	1.30	1.00	100	90	75	65
Connecticut	2.04	1.16	1.28	.83	2.00	1.30	1.40	.80	2.00	1.15	1.60	.85	80	70	55	50
New York	1.51	.99	.82	.54	1.80	1.15	.65	.60	1.85	.90	.90	.46	46	36	22	19
New Jersey	1.74	1.17	.96	.83	1.15	1.70	.65	.70	1.60	.90	.65	.60	50	45	40	35
Pennsylvania	1.63	1.06	.62	.58	1.75	1.70	.65	.80	1.55	1.10	.65	.65	47	43	22	16
Ohio	1.85	1.35	.50	.62	1.95	1.90	.55	.90	1.40	1.15	.59	.60	62	40	26	18
Indiana	1.66	1.63	.62	.77	1.55	2.00	.55	1.00	.85	.90	.40	.60	62	40	38	19
Illinois	1.76	1.47	.66	.75	1.35	1.60	.50	1.20	.90	.95	.45	.75	64	44	44	22
Michigan	1.34	.99	.54	.62	1.80	1.50	.60	.70	1.35	1.05	.65	.45	41	33	28	16
Wisconsin	1.31	1.41	.86	.61	----	----	----	----	----	----	----	----	100	90	75	65
Minnesota	1.34	1.57	.86	.81	----	----	----	----	----	----	----	----	100	90	75	65
Iowa	1.58	1.64	.93	.71	1.50	1.70	.90	.90	1.35	1.45	.90	.75	70	35	56	30
Missouri	1.42	1.38	.59	.87	1.35	1.95	.65	1.20	.95	1.10	.55	.85	60	60	40	30
South Dakota	2.02	1.87	1.41	.81	----	----	----	----	----	----	----	----	----	----	----	----
Nebraska	1.18	1.59	.95	.62	1.65	1.85	1.05	.95	1.50	1.55	1.00	.95	55	70	50	40
Kansas	1.50	1.66	.85	.93	1.55	1.75	.90	1.20	1.10	1.15	.65	.95	70	75	50	40
Delaware	1.54	1.12	.63	.72	1.10	1.60	.45	.60	.50	.55	.40	.35	50	45	40	35
Maryland	1.27	1.04	.56	.58	1.20	1.50	.60	.85	.80	.85	.45	.55	65	60	55	50
Virginia	1.15	1.05	.47	.57	1.00	1.60	.60	1.00	.90	1.35	.50	.75	65	80	80	60
West Virginia	1.30	1.10	.44	.60	1.55	1.80	.55	1.15	1.40	1.70	.70	.90	80	85	80	60
North Carolina	1.11	1.02	.55	.70	1.40	1.35	.65	.95	1.20	1.30	.70	.85	75	70	80	45
South Carolina	1.53	1.32	.95	.89	1.35	1.35	.70	.95	1.25	1.15	.75	.80	90	85	85	60
Georgia	1.44	1.31	.78	.71	1.16	1.15	.55	.95	1.05	1.05	.70	.65	120	115	110	90
Florida	----	----	----	----	1.70	1.20	.95	.95	1.05	1.05	.70	.50	100	95	90	70
Kentucky	1.38	1.34	.50	.77	1.45	1.70	.55	1.15	1.00	1.35	.50	.90	75	65	55	40
Tennessee	1.49	1.65	1.20	.86	1.25	1.35	.50	1.00	1.05	1.15	.55	.85	90	80	70	55
Alabama	1.58	1.31	.88	.89	1.30	1.20	.65	.85	1.15	1.00	.65	.65	100	90	80	65
Mississippi	1.43	1.32	.89	.94	1.60	1.45	.75	.95	1.05	.95	.60	.50	110	100	90	75
Arkansas	1.20	1.15	.54	.66	1.10	1.60	.55	1.05	1.20	1.30	.55	.75	60	50	40	26
Louisiana	1.45	1.40	.95	1.05	1.70	1.75	1.05	1.05	1.35	1.30	.90	.70	110	100	90	75
Oklahoma	1.26	1.55	.74	.64	1.00	1.30	.90	.90	1.05	1.20	.90	1.00	66	60	58	37
Texas	1.31	1.36	.93	.90	1.20	1.40	.90	.90	1.00	1.10	.80	.80	100	90	80	55
Montana	1.49	1.15	1.01	.03	----	----	----	----	----	----	----	----	----	----	----	----
Idaho	1.13	.88	.54	.48	1.30	2.00	.75	.45	1.70	1.30	1.10	.60	70	65	50	45
Wyoming	1.58	1.50	1.85	.82	----	----	----	----	----	----	----	----	----	----	----	----
Colorado	1.11	.86	.61	.42	1.45	1.45	.50	.42	1.50	1.30	.60	.40	70	65	50	45
New Mexico	1.47	1.42	.78	.78	1.80	1.90	1.15	1.30	1.40	1.45	.80	.95	75	70	55	50
Arizona	2.09	2.13	1.68	1.35	1.80	1.80	1.45	1.50	2.45	2.10	1.35	.90	150	110	70	30
Utah	1.19	.87	.86	.51	1.00	1.35	.50	.34	1.50	1.25	1.20	.75	65	60	45	40
Nevada	1.60	1.42	1.57	.85	2.25	2.00	2.00	.75	2.55	2.20	2.00	.85	110	105	90	85
Washington	1.35	.96	.70	.52	1.35	1.35	.65	.35	1.35	.75	.50	.30	40	35	22	13
Oregon	1.18	.76	.53	.46	1.70	1.15	1.10	.60	1.40	.75	.70	.40	40	30	24	15
California	1.51	.70	.80	.59	1.30	.54	.43	.25	1.65	.55	.58	.30	24	16	20	12

Source of Tables 597 and 598: Bureau of Agricultural Economics, Department of Agriculture.

No. 599.—SUGAR PRODUCTION: CONTINENTAL UNITED STATES AND CERTAIN OUTLYING AREAS, AND WORLD TOTAL

[In thousands of tons of 2,000 pounds. Data represent predominantly raw sugar except as noted]

Yearly average, or year beginning July 1—	Continental United States and outlying areas	Continental United States			Puerto Rico [2]	Hawaii [3]	Philippine Islands [4]	World total	Per cent of world total in—	
		Total (in terms of raw) [1]	Beet (chiefly refined)	Cane (chiefly raw)					Continental United States	U. S. and outlying areas
1870–1874	281	73	(5)	72	95	[6] 13	110	(7)	(7)	(7)
1875–1879	347	96	(5)	96	78	20	152	(7)	(7)	(7)
1880–1884	476	131	1	130	87	64	195	(7)	(7)	(7)
1885–1889	542	153	1	152	73	119	196	(7)	(7)	(7)
1890–1894	759	284	14	271	63	145	266	(7)	(7)	(7)
1895–1899	812	326	48	279	56	256	174	10, 844	3.0	7.5
1900–1904	1, 141	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	[5] 211	477	622	585	22, 093	5.6	13.2
1925–1929	3, 557	1, 189	996	[5] 118	687	861	819	28, 878	4.1	12.3
1926	3, 218	1, 011	897	[8] 47	629	811	767	26, 624	3.8	12.1
1927	3, 699	1, 246	1, 093	[8] 71	749	897	808	28, 515	4.4	13.0
1928	3, 603	1, 273	1, 061	[5] 132	587	899	934	30, 655	4.2	12.0
1929	4, 053	1, 204	1, 018	[8] 200	868	912	981	30, 607	4.2	13.2
1930	4, 212	1, 432	1, 208	[8] 184	783	989	958	31, 820	4.7	13.2
1931	4, 513	1, 400	1, 156	[8] 157	988	1, 025	[9] 1, 101	29, 436	4.8	15.3
1932 (preliminary)	4, 670	1, 682	1, 357	[8] 223	812	[9] 1, 000	[9] 1, 176	26, 821	6.3	17.4

[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. 600.—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, 390	50.9
1890–1894	284, 346	----------	1, 854, 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
1917	1, 068, 437	975, 684	2, 344, 816	305, 429	46, 131	4, 037, 377	78.5
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, 223, 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	106.0
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, 240, 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, 594	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, 532	6, 446, 014	103.5
1932	1, 682, 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. 600.—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 [1]						
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Pounds*
1924	1,172,000	1,547,387	3,674,563	254,391	20,911	6,118,848	107.3
1925	1,043,000	1,859,332	3,634,323	303,073	23,298	6,210,284	107.3
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	1,164,000	1,855,331	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	26,592	6,039,878	97.0
1932	1,565,000	(2)	(2)	(2)	(2)	(2)	(2)

[2] Not yet available.

[1] 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. 601.—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	1917	19.9	26.5	24.2	49.4
1875–1879	(3)	10.7	13.5	75.8	1918	23.3	25.2	24.6	50.2
1880–1884	(3)	10.5	17.1	72.4	1919	26.8	18.7	20.3	61.0
1885–1889	(3)	10.0	18.8	71.2	1920	26.8	25.7	20.5	53.8
1890–1894	(3)	13.3	11.1	75.6	1921	27.2	25.5	24.0	50.5
1895–1899	20.9	14.4	13.4	72.1	1922	28.3	17.3	20.9	61.8
1900–1904	21.6	18.9	17.4	63.7	1923	24.8	19.7	22.6	57.7
1905–1909	22.0	23.0	21.6	55.3	1924	24.5	19.3	25.2	55.6
1910–1914	20.7	24.0	25.3	50.7	1925	23.8	16.9	29.8	53.3
1915–1919	22.7	25.0	24.9	50.2	1926	24.5	15.5	25.9	58.6
1920–1924	26.2	21.3	22.7	56.0	1927	23.0	19.0	31.2	49.8
1925–1929	23.1	17.9	30.3	51.9	1928	23.5	17.7	27.5	54.8
1914	20.8	23.6	25.3	51.1	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

[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. 602.—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	1930			1931			1932		
1896–1900	4.1	4.8	Jan.	3.7	5.1	Jan.	3.4	4.6	Jan.	3.1	4.1
1901–1905	3.9	4.9	Feb.	3.7	4.9	Feb.	3.3	4.5	Feb.	2.9	4.1
1906–1910	4.0	4.8	Mar.	3.6	4.9	Mar.	3.3	4.3	Mar.	2.8	4.0
1911–1915	4.1	5.0	Apr.	3.5	4.8	Apr.	3.3	4.4	Apr.	2.6	3.9
1916–1920	7.8	8.8	May	3.2	4.8	May	3.2	4.3	May	2.6	3.7
1921–1925	5.3	6.7	June	3.2	4.5	June	3.3	4.4	June	2.8	3.7
1926–1930	4.1	5.3	July	3.3	4.6	July	3.5	4.6	July	3.0	4.0
1927	4.7	5.8	Aug.	3.2	4.4	Aug.	3.5	4.6	Aug.	3.2	4.1
1928	4.2	5.6	Sept.	3.1	4.3	Sept.	3.4	4.5	Sept.	3.1	4.2
1929	3.8	5.1	Oct.	3.3	4.4	Oct.	3.4	4.5	Oct.	3.2	4.1
1930	3.4	4.7	Nov.	3.4	4.7	Nov.	3.4	4.4	Nov.	3.0	4.2
1931	3.3	4.4	Dec.	3.3	4.6	Dec.	3.2	4.2	Dec.	2.9	4.1
1932	2.9	4.0									

Sources: Table 600, Bureau of Agricultural Economics, Department of Agriculture; Table 601, 1875 to 1909, computed from production as reported by the Department of Agriculture, and exports, imports, and shipments as reported by the Bureau of Foreign and Domestic Commerce; thereafter based on data in Tables 599 and 600; Table 602, Bureau of Labor Statistics, Department of Labor.

No. 603.—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	10,166	45	2,079	240	15.03	11.50
1906–1910	386,052	3,910	10.13	[2] 5.18	20,254	63	3,910	479	15.78	12.27
1911–1915	541,000	5,738	10.66	5.63	32,318	67	5,477	724	16.17	13.18
1916–1920	608,000	6,623	9.50	9.38	63,314	88	6,200	832	15.85	13.41
1921–1925	693,000	6,968	10.14	7.53	52,072	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	10.66	8.99	62,965	89	6,585	881	15.30	13.37
1924	815,000	7,489	9.20	7.99	59,838	90	7,075	1,090	17.19	15.41
1925	647,000	7,381	11.40	6.39	47,177	88	6,993	913	14.86	13.06
1926	677,000	7,223	10.67	7.61	54,964	78	6,782	897	14.94	13.23
1927	721,000	7,753	10.75	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			75	8,856	1,357	16.41	15.23
California:										
1929	46,000	545	11.8	7.28	3,966	5	524	91	17.62	16.41
1930	65,000	768	11.8	7.46	5,731	5	763	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	1,282	213	17.86	16.61
Colorado:										
1929	210,000	2,612	12.4	6.93	18,106	17	2,565	348	14.51	13.57
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			17	1,781	277	15.38	15.55
Idaho:										
1929	48,000	492	10.2	7.17	3,530	8	492	79	17.39	16.06
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			7	661	108	17.55	16.34
Michigan:										
1929	52,000	300	5.8	7.94	2,381	9	364	57	17.60	15.38
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			11	1,216	171	16.28	13.98
Montana:										
1929	38,000	386	10.2	7.29	2,815	4	348	54	17.17	15.52
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			4	701	108	17.12	15.41
Nebraska:										
1929	92,000	1,054	11.5	6.96	7,332	7	1,068	140	14.71	13.11
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	16.82	14.45
1932	66,000	877	13.3			7	815	113	15.21	13.87
Ohio:										
1929	20,000	174	8.7	7.55	1,314	4	121	17	16.20	14.05
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			3	251	42	15.54	13.94
Utah:										
1929	45,000	565	12.6	7.05	3,986	10	523	77	16.42	14.72
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			7	822	128	16.42	15.57
Wisconsin:										
1929	8,000	56	7.0	7.29	408	3	65	10	17.88	15.38
1930	12,000	102	8.5	7.53	766	3	115	15	15.96	12.91
1931 [3]						2				
1932 [3]						2				
Wyoming:										
1929	47,000	487	10.4	7.18	3,495	4	441	66	16.35	14.97
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	505	12.6			5	537	85	16.76	15.83

[1] Beets used 1901 to 1912. [2] Four-year average.
[3] Data can not be shown without disclosing operations of individual factories.
Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 604.—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 607). 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	3,495	15.2	150	236	134.9	20,666	88
1916–1920		212,000	3,285	15.5	133	224	136.1	22,956	103
1921–1925	300,000	207,000	2,844	13.7	103	202	141.9	18,247	90
1926–1930	166,000	124,000	1,833	14.8	56	127	138.2	12,656	100
1923	318,000	215,000	2,337	11.1	105	162	135.8	15,719	97
1924	302,000	162,000	1,228	7.6	82	88	144.1	9,590	109
1925	264,000	139,000	2,644	14.0	91	139	105.4	17,783	128
1926	197,000	129,000	864	6.7	54	47	109.1	6,614	141
1927	106,000	72,000	962	13.4	46	71	147.2	6,624	93
1928	152,000	115,000	*1,860*	*16.2*	*55*	*132*	*141.9*	*13,535*	*103*
1929	186,000	155,000	2,918	18.8	65	200	136.8	19,619	98
1930	187,000	160,000	2,559	17.1	61	184	143.6	16,887	92
1931	184,000	148,000	2,232	15.1	59	157	140.3	14,645	93
1932	223,000	185,000	2,886	15.5	62	223	154.4	16,445	74

SUGAR MADE (1,000 TONS)

1906	258	1911	353	1916	304	1921	324
1907	381	1912	164	1917	244	1922	265
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. 605.—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	251,200	118,584	4,830	41	594	12.30
1921–1925	234,700	116,820	5,263	45	622	11.84
1926–1930	*239,194*	*128,271*	7,299	*57*	861	11.80
1923	235,000	114,000	4,560	40	537	11.77
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

TOTAL, ALL ISLANDS: SUGAR MADE (1,000 TONS)

1906	429	1911	567	1916	583	1921	622
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 604 and Table 605 prior to 1926, Bureau of Agricultural Economics, Department of Agriculture; Table 605, beginning 1926, Hawaiian Sugar Planters Association.

No. 606.—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				
United States:	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
1859		40,120	1,598	52,901
1869		28,444	921	35,812
1879		36,576	1,796	50,944
1889		32,953	2,258	51,020
1899		11,929	2,057	28,382
1909	18,900	14,024	4,106	46,912
1919	17,457	9,692	3,508	37,754
1929	[2]	1,341	2,341	20,070
DEPARTMENT OF AGRICULTURE [3]				
Total:				
1922	16,274	5,147	3,640	34,267
1923	15,291	4,685	3,605	33,525
1924	15,407	4,078	3,903	35,302
1925	15,313	3,236	3,089	27,948
1926	14,712	3,569	3,737	33,465
1927	14,603	3,133	3,671	32,501
1928	14,388	2,317	3,007	26,373
1929	12,795	1,344	2,346	20,112
1930	13,002	2,338	3,607	31,194
1931	12,079	1,616	2,186	19,104
1932 [4]	12,033	1,601	2,394	20,753
Maine:				
1930	255	40	38	344
1931	255	9	26	217
1932 [4]	260	9	33	273
New Hampshire:				
1930	382	154	93	898
1931	390	78	56	526
1932 [4]	413	100	83	764
Vermont:				
1930	5,646	1,195	1,368	12,139
1931	5,194	330	578	5,454
1932 [4]	5,454	878	981	8,726
Massachusetts:				
1930	268	110	80	750
1931	252	34	43	378
1932 [4]	257	71	65	591
New York:				
1930	3,682	613	1,120	9,573
1931	3,229	324	577	4,940
1932 [4]	3,132	341	695	5,901
Pennsylvania:				
1930	794	129	322	3,012
1931	722	161	234	2,033
1932 [4]	664	142	164	1,454
Ohio:				
1930	1,214	55	368	2,999
1931	1,256	96	440	3,616
1932 [4]	1,105	19	220	1,779
Michigan:				
1930	503	39	146	1,207
1931	508	73	156	1,321
1932 [4]	467	33	98	817
Wisconsin:				
1930	258	12	72	588
1931	273	11	76	619
1932 [4]	281	8	55	448

[1] 1 gallon of sirup taken as equivalent to 8 pounds of sugar.
[2] Not called for on schedule.
[3] Totals cover the 9 States listed, except that prior to 1926 Indiana and, for 1922 and 1923, also Connecticut, which produced only a negligible quantity of sugar and sirup, are included.
[4] Preliminary.

No. 607.—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 604

State and year	Cane harvested for sirup	Sirup produced
All States:	*Acres*	*1,000 gallons*
1925	125,000	20,400
1926	132,000	22,172
1927	114,000	20,839
1928	110,000	20,401
1929	104,000	19,335
1930	104,000	16,834
1931	103,000	14,359
1932	114,000	18,179
South Carolina:		
1930	5,000	590
1931	5,000	400
1932	6,000	492
Georgia:		
1930	28,000	3,640
1931	28,000	2,800
1932	31,000	4,650
Florida:		
1930	9,000	1,530
1931	9,000	1,485
1932	10,000	1,600
Alabama:		
1930	18,000	2,160
1931	20,000	1,860
1932	22,000	2,640
Mississippi:		
1930	15,000	1,800
1931	14,000	2,100
1932	17,000	2,822
Louisiana:		
1930	22,000	6,208
1931	19,000	4,545
1932	20,000	4,844
Texas:		
1930	6,000	852
1931	7,000	1,029
1932	7,000	1,029
Arkansas:		
1930	1,000	54
1931	1,000	140
1932	1,000	102

Source of Tables 606 and 607. Bureau of Agricultural Economics, Department of Agriculture, except Census Returns, Table 606, which are from the Bureau of the Census, Department of Commerce.

No. 608.—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			12,064	7,864	4,300			4.7	22.25			34,038	
1891–1900	4,280	1,625	483,015	570	[3] 1,169	114,544	25,580	13,348	11,733	[3] 3,190	[3] 1,800	2.8	20.58	[3] 2.73	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	3.4	297,888	548
1906–1910	5,258	3,296	990,450	1,339	1,215	282,064	83,424	40,432	32,236	7,242	3,514	4.1	24.07	6.06	2.5	311,463	578
1911–1915	6,353	4,847	1,466,940	2,152	1,527	595,225	143,766	75,384	51,880	10,126	6,526	5.1	28.86	6.63	2.2	290,311	551
1916–1920	5,116	4,285	1,302,950	2,041	1,093	943,474	312,781	179,249	92,191	14,845	26,496	13.8	45.18	13.58	5.6	172,878	301
1921–1925	4,878	3,646	1,125,196	1,654	1,032	578,384	177,947	91,147	61,141	11,539	14,120	8.1	35.97	10.66	4.9	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	4.0	48,762	328
1920	5,074	4,013	1,211,464	1,817	1,143	584,146	352,138	209,668	119,039	11,095	12,336	17.3	65.51	9.71	4.2	159,400	225
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	1.7	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	3.5	91,615	266
1923	4,336	3,242	1,002,922	1,487	944	584,177	173,254	84,818	59,037	12,200	17,199	8.5	39.70	12.93	5.9	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	6.9	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	4.9	53,261	443
1926	7,150	5,558	1,617,015	2,597	1,547	1,068,919	256,027	138,652	81,508	12,649	23,218	8.6	31.39	8.17	4.3	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	3.0	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	5.1	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	8.4	39.75	9.39	4.5	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	3.4	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	1.9	26,353	44
1932	7,602	5,328	1,694,123	2,401	1,511	1,028,851	102,548	57,546	33,071	5,237	6,694	3.4	13.77	3.47	1.3	41,038	215
Alabama	631	370	120,166	166	107	57,642	7,270	4,230	2,199	476	365	3.5	13.24	4.43	1.3		
Arizona	51	41	12,880	21	10	7,397	917	428	370	62	57	3.3	17.87	5.96	1.5		
Arkansas	848	511	167,823	208	155	115,694	9,284	5,605	2,572	302	805	3.3	12.36	1.95	1.4		
California	79	75	25,137	35	20	14,489	2,048	970	729	159	190	3.9	20.80	7.33	2.6		
Georgia	618	462	146,334	218	121	85,791	9,277	5,078	3,036	655	508	3.5	13.93	5.42	1.2		
Louisiana	400	257	82,979	112	75	52,610	4,856	2,896	1,425	232	303	3.5	12.71	3.08	1.2		
Mississippi	783	720	246,842	299	209	188,792	13,857	8,245	3,654	472	1,486	3.3	12.21	2.26	1.6		
North Carolina	335	255	86,242	118	65	50,640	5,193	2,872	1,742	253	326	3.3	14.78	3.88	1.3		
Oklahoma	561	339	95,345	164	89	55,278	6,209	3,041	2,453	376	339	3.2	14.95	4.21	1.2		
South Carolina	446	244	77,773	118	61	52,698	4,889	2,621	1,650	296	322	3.4	14.02	4.89	1.2		
Tennessee	264	482	158,725	205	142	109,006	9,238	5,619	2,710	254	655	3.5	13.22	1.79	1.2		
Texas	2,371	1,495	450,122	704	433	226,145	28,019	15,124	9,998	1,641	1,256	3.4	14.20	3.79	1.1		
All other States	215	76	23,755	33	23	12,669	1,491	817	533	59	82	3.4	16.07	2.58	1.3		

[1] Of 500 pounds net. [2] Based on net weight. [3] Figures for 1900. [4] Six-year average, 1895–1900. Source: Bureau of the Census, Department of Commerce.

No. 609.—COTTON: Production, Consumption, Exports, Imports, and Prices

Note.—Production, consumption, and exports beginning 1914 are in thousands of running bales (counting round as half bales); these items prior to 1914, and net imports, all years, are in thousands of 500-pound bales, gross weight. Production statistics relate to the growth year indicated in the stub. Other statistics for the most part relate to the 12-month period roughly corresponding to the marketing of the crop; there have been minor variations from time to time in the periods covered, but consumption, exports, and imports, beginning 1914, and prices, beginning 1910, are for the 12 months ended July 31 following the year indicated in the stub. Prices for 1902 to 1909 represent the price of the average grade marketed in New Orleans up to April 1 of the following year; from 1910 to date the average price on the farm of all lint cotton throughout the country

COTTON (EXCLUDING LINTERS) [1]

Year or yearly average (growth year)	Production	Consumption	Domestic exports	Net imports	Year (growth year)	Production	Consumption	Domestic exports	Net imports
1790	3	11	(2)	1	1911	16,250	5,400	11,081	229
1800	73	19	32	9	1912	14,313	5,867	9,199	225
1810	178	36	124	(2)	1913	14,795	5,943	9,256	266
1820	335	100	250	(2)	1914	15,906	5,597	8,323	364
					1915	11,068	6,398	5,896	421
1830	732	130	554	(2)					
1840	1,348	245	1,060	1	1916	11,364	6,789	5,300	288
1850	2,136	423	1,854	(2)	1917	11,248	6,566	4,288	217
1860	3,841	842	615		1918	11,906	5,766	5,592	197
1870	4,025	1,027	2,923	2	1919	11,326	6,420	6,545	683
					1920	13,271	4,893	5,745	211
1866–1875	3,104	1,007	2,104	3					
1876–1885	5,452	1,708	3,721	6	1921	7,978	5,910	6,184	352
1886–1895	7,636	2,473	5,174	52	1922	9,729	6,666	4,823	450
1896–1900	10,133	3,455	6,907	115	1923	10,171	5,651	5,656	272
1901–1905	11,007	4,330	7,210	141	1924	13,639	6,193	8,005	303
					1925	16,123	6,456	8,051	314
1906–1910	12,176	4,828	8,002	178					
1911–1915	14,466	5,841	8,751	301	1926	17,755	7,190	10,927	382
1916–1920	11,823	6,078	5,494	319	1927	12,783	6,834	7,540	321
1921–1925	11,528	6,181	6,544	338	1928	14,297	7,091	8,044	442
1926–1930	14,628	6,497	7,992	322	1929	14,548	6,106	6,690	368
					1930	13,756	5,263	6,760	99
1906	13,595	4,974	8,825	203					
1907	11,375	4,493	7,780	141	1931	16,629	4,866	8,708	107
1908	13,587	5,199	8,890	165	1932	12,710	6,137	8,419	124
1909	10,315	4,759	6,492	151					
1910	12,006	4,713	8,026	231					

LINTERS

1914	832	412	222		1924	858	659	191	
1915	945	881	295		1925	1,044	804	104	
1916	1,300	870	439		1926	1,042	806	257	
1917	1,096	1,119	188		1927	875	780	193	
1918	910	458	72		1928	1,086	879	186	
1919	596	342	53		1929	1,038	805	118	
1920	429	516	51		1930	824	714	112	
1921	382	639	132		1931	876	637	116	
1922	591	646	41		1932	[3] 741	761	184	
1923	640	537	116						

AVERAGE PRICE, UPLAND LINT COTTON, CENTS PER POUND [4]

1790	26.0	1906–1910	11.8	1913	12.5	1929	16.8
1800	44.0	1911–1915	10.4	1914	7.3	1930	9.5
1810	15.5	1916–1920	24.9	1915	11.2	1931	5.7
1820	14.3	1921–1925	22.2			1932	6.5
				1916	17.3		
1830	9.7	1926–1930	15.4	1917	27.1	1932:	
1840	9.5	1902	8.2	1918	28.8	August	6.5
1850	12.1	1903	12.2	1919	35.4	September	7.2
1860	13.0	1904	8.7	1920	15.8	October	6.4
1870	17.0	1905	10.9			November	5.9
				1921	16.9	December	5.4
1871–1875	16.7	1906	10.0	1922	22.9	1933:	
1876–1880	11.4	1907	11.5	1923	28.7	January	5.6
1881–1885	10.7	1908	9.2	1924	22.9	February	5.5
1886–1890	10.3	1909	14.3	1925	19.6	March	6.1
1891–1895	7.5	1910	14.0			April	6.1
				1926	12.5	May	8.2
1896–1900	6.9	1911	9.6	1927	20.2	June	8.7
1901–1905	9.6	1912	11.5	1928	18.0	July	10.6

[1] Production, consumption, and exports of cotton include linters prior to 1914.
[2] Less than 500 bales. [3] Prelimary. [4] See headnote.

Source: Bureau of the Census. See Bulletin 167, p. 57, of that bureau for original sources.

No. 610.—EXPORTS OF UNITED STATES COTTON (INCLUDING LINTERS)

Yearly average or year ended June 30—	Total value (thousands of dollars)	Quantity in thousands of equivalent 500-pound bales, exported to—									
		All countries	Total Europe	United Kingdom	Germany	France	Italy	Spain	Belgium	Russia [1]	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	[2] 148	[2] 8	64
1896–1900	220, 567	6, 465	6, 163	2, 968	1, 523	715	367	239	122	86	167	96
1901–1905	334, 256	7, 097	6, 769	3, 096	1, 812	778	431	251	139	121	158	113
1906–1910	437, 582	7, 850	7, 510	3, 243	2, 180	956	486	254	130	99	183	133
1911–1915	537, 044	9, 318	8, 706	3, 804	2, 196	1, 031	648	327	164	91	363	165
1916–1920	705, 515	5, 920	4, 972	2, 796	[3] 421	795	614	310	[4] 141	[5] 60	661	211
1921–1925	764, 101	6, 386	5, 405	1, 863	1, 390	764	584	272	186	[6] 138	713	189
1926–1930	828, 920	8, 774	6, 984	1, 937	2, 149	946	758	318	228	335	1, 244	255
1918	655, 025	4, 641	3, 783	2, 387	-------	659	369	259	-------	16	584	250
1919	873, 580	5, 326	4, 497	2, 494	-------	774	558	281	73	-------	809	203
1920	1, 381, 708	7, 087	5, 977	3, 445	421	996	617	275	210	-------	876	217
1921	600, 186	5, 623	4, 775	1, 787	1, 152	591	558	261	166	-------	555	169
1922	596, 379	6, 718	5, 476	1, 807	1, 617	820	469	342	186	-------	895	201
1923	653, 983	5, 253	4, 314	1, 403	946	704	572	250	186	7	679	217
1924	903, 975	5, 899	5, 129	1, 695	1, 346	751	564	216	169	120	584	152
1925	1, 060, 980	8, 349	7, 332	2, 623	1, 892	951	756	290	224	286	850	207
1926	917, 720	8, 212	6, 712	2, 298	1, 690	944	745	315	203	236	1, 118	254
1927	866, 923	11, 560	9, 071	2, 673	2, 982	1, 089	845	364	298	495	1, 644	281
1928	820, 537	8, 120	6, 640	1, 465	2, 222	940	715	321	221	448	1, 007	246
1929	868, 219	8, 739	6, 801	1, 934	2, 011	873	772	302	228	341	1, 373	286
1930	671, 201	7, 239	5, 693	1, 315	1, 840	887	713	286	191	165	1, 078	210
1931	424, 558	7, 180	5, 225	1, 119	1, 807	1, 013	499	270	148	64	1, 236	207
1932	339, 289	6, 134	4, 206	1, 349	1, 887	512	679	310	144	-------	2, 410	203

[1] Includes Finland, Estonia, Latvia, and Poland prior to 1919.
[2] 5-year average, 1891–1895.
[3] One year only, 1920.
[4] Average for 1919 and 1920.
[5] Average for 1916–1919.
[6] Average for 1923–1925.

No. 611.—COFFEE: IMPORTS AND REEXPORTS

NOTE.—Imports and reexports in thousands of pounds. Years ended June 30 through 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. 3	1903	923, 254	48, 849	10. 80	6. 6
1840	94, 996	8, 698	5. 04	8. 8	1904	998, 677	35, 102	11. 67	7. 0
1850	145, 273	15, 481	5. 58	7. 6	1905	1, 046, 028	37, 087	11. 98	8. 1
1851–1860	203, 190	14, 710	6. 78	9. 0	1906	853, 800	19, 133	9. 72	8. 6
1861–1870	173, 200	8, 229	4. 66	10. 5	1907	986, 596	11, 627	11. 15	7. 9
1871–1880	331, 925	7, 911	7. 19	14. 7	1908	892, 092	17, 116	9. 82	7. 6
1881–1890	513, 039	24, 725	8. 52	10. 8	1909	1, 051, 750	15, 188	11. 43	7. 5
1891–1895	585, 270	8, 788	8. 61	[1] 16. 8	1910	873, 984	13, 589	9. 33	7. 9
1896–1900	761, 715	21, 819	10. 07	8. 9	1911	878, 322	8, 371	9. 29	10. 3
1901–1905	983, 464	40, 400	11. 65	7. 1	1912	887, 748	7, 196	9. 28	13. 3
1906–1910	931, 644	15, 326	10. 29	7. 9	1913	866, 054	7, 135	8. 90	13. 8
1911–1915	952, 906	21, 403	9. 65	11. 5	1914	1, 006, 362	13, 811	10. 14	11. 1
1916–1920 [2]	1, 227, 214	67, 382	11. 20	13. 2	1915	1, 126, 042	70, 953	10. 62	9. 6
1921–1925	1, 343, 579	35, 268	11. 73	15. 4	1916	1, 203, 841	75, 818	11. 20	9. 6
1926–1930	1, 498, 291	24, 222	12. 30	18. 9	1917	1, 322, 059	57, 503	12. 38	10. 1
1887	526, 109	25, 290	8. 46	10. 7	1918	1, 145, 956	65, 598	10. 43	9. 0
1888	423, 646	15, 083	6. 75	14. 0	1918 (6 mos.)	436, 771	23, 815	-------	10. 0
1889	578, 397	17, 265	9. 08	13. 0	1919	1, 341, 306	93, 021	11. 89	19. 5
1890	499, 159	8, 997	7. 77	16. 0	1920	1, 299, 743	54, 846	11. 68	19. 5
1891	510, 528	8, 487	7. 94	[1] 19. 0	1921	1, 345, 367	41, 821	12. 05	10. 7
1892	640, 211	10, 536	9. 59	[1] 20. 0	1922	1, 248, 938	35, 576	11. 04	12. 9
1893	563, 469	12, 074	8. 23	14. 0	1923	1, 412, 233	31, 899	12. 38	13. 5
1894	550, 934	3, 865	8. 01	16. 4	1924	1, 423, 758	39, 213	12. 23	17. 5
1895	652, 209	8, 974	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, 620	12. 61	21. 6
1897	737, 646	13, 086	10. 04	11. 1	1927	1, 444, 124	24, 029	12. 02	18. 5
1898	870, 514	18, 823	11. 59	7. 5	1928	1, 460, 860	19, 318	12. 03	21. 3
1899	831, 527	30, 070	10. 72	6. 5	1929	1, 486, 253	16, 998	12. 09	20. 4
1900	787, 992	39, 191	9. 84	6. 7	1930	1, 504, 701	34, 138	12. 75	13. 1
1901	857, 018	45, 835	10. 43	7. 4	1931	1, 749, 157	19, 879	13. 94	10. 1
1902	1, 092, 344	35, 125	13. 32	6. 4	1932	1, 508, 018	23, 083	11. 90	9. 1

[1] Overvalued, due to depreciation of Brazilian paper milreis. [2] Average, July 1, 1915, to Dec. 31, 1920.
Source of Tables 610 and 611: Bureau of Foreign and Domestic Commerce.

No. 612.—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 611; 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	1921	75,002	13,797	0.69
1840	16,883	4,067	.99	1921–1925	92,202	24,653	.83	1922	93,928	23,067	.85
1850	28,200	3,982	1.21	1926–1930	88,655	26,604	.74	1923	102,157	28,860	.92
1851–1860	21,028	5,361	.76	1913	93,911	17,295	.97	1924	90,490	26,603	.80
1861–1870	32,394	8,909	.91	1914	90,148	16,599	.92	1925	99,567	30,957	.87
1871–1880	59,536	18,550	1.32	1915	92,174	16,763	.93	1926	94,512	30,855	.81
1881–1890	76,534	15,071	1.34	1916	109,075	20,442	1.08	1927	87,896	27,091	.74
1891–1895	89,675	13,689	1.34	1917	102,739	19,008	1.01	1928	88,843	26,815	.74
1896–1900	86,217	11,357	1.17	1918	147,379	29,469	1.42	1929	88,247	25,444	.73
1901–1905	95,814	13,849	1.18	1918[2]	76,365	16,461		1930	83,777	22,215	.68
1906–1910	93,595	15,211	1.05	1919	65,074	15,056	.62	1931	85,809	18,456	.69
1911–1915	95,199	17,176	.99	1920	87,801	23,408	.83	1932	93,859	12,226	.75

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] June 30 to Dec. 31, 1918.

No. 613.—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	1909	[1]132,661	15,562	1921	306,568	23,566
1881–1890	13,504	1,891	1910	111,070	11,966	1922	347,010	32,571
1891–1900	29,408	4,120	1911	140,970	15,261	1923	416,818	34,396
1901–1905	63,600	8,260	1912	148,786	16,590	1924	382,029	30,152
1906–1910	102,304	13,418	1913	143,510	18,177	1925	387,108	39,412
1911–1915	161,473	19,002	1914	179,364	21,504	1926	433,117	44,227
1916–1920	346,583	45,480	1915	194,734	23,478	1927	431,049	58,291
1921–1925	367,907	32,019	1916	244,911	34,602	1928	388,635	49,216
1926–1930	429,338	47,044	1917	390,838	41,674	1929	515,571	51,271
1906	84,127	9,699	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

[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. 614.—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	1915	31,053	83,131	$2.68	25,050	2,754
1881–1890	5,328	16,775	3.15	34,162	83	1916	40,872	149,785	3.66	37,110	6,363
1891–1900	9,259	26,843	2.90	29,775	268	1917	43,428	189,753	4.37	39,763	8,608
1901–1905	15,798	45,968	2.91	32,215	425	1918	48,721	194,199	3.99	28,569	17,982
1906–1910	20,281	67,414	3.32	33,725	835	1919	55,522	341,887	6.16	54,746	23,903
1911–1915	30,190	82,703	2.74	28,306	2,210	1920	39,660	301,038	7.59	75,419	26,821
1916–1920	45,641	235,332	5.16	47,121	16,735	1921	52,332	264,723	5.06	48,276	9,672
1921–1925	62,030	356,287	5.74	40,941	12,992	1922	58,467	371,629	6.36	37,413	11,824
1926–1930	80,458	374,715	4.33	36,325	17,293	1923	61,954	401,655	6.48	44,597	11,136
1906	17,352	54,081	3.12	33,138	609	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	77,066	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	1,509	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	5,915	4,544

[1] Fiscal years through 1915; calendar thereafter. [2] Includes artificial silk prior to 1911. [3] Raw silk.

Source of Tables 612, 613, and 614: Bureau of Foreign and Domestic Commerce.

No. 615.—RUBBER: WORLD PRODUCTION AND UNITED STATES IMPORTS

NOTE.—Figures include guayule. Value of imports of rubber (excluding guayule beginning 1911) are shown in Table 479. Tons are of 2,240 pounds

Year	World production			United States				Average price per pound, New York	
						Retained			
	Total	Plantation (Middle East)	Wild (tropical America and Africa)	Imports	Reexports	Amount	Share of world production	Fine para	Plantation, ribbed, smoked sheet
	Long tons	*Long tons*	*Long tons*	*Long tons*	*Long tons*	*Long tons*	*Per cent*	*Dollars*	*Dollars*
1908	66,566	1,796	64,770	34,058	1,655	32,403	48.7	0.871	
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	64,894	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	219,084	181,061	38,623	146,132	2,746	143,386	65.3	.549	.602
1919	309,731	248,990	60,741	240,689	2,282	238,407	59.6	.483	.485
1920	342,033	305,106	36,927	253,080	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	310,290	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

[1] Discontinued.

Source: Bureau of Foreign and Domestic Commerce (compiled from various original sources); prices, Bureau of Labor Statistics, Department of Labor, except plantation 1910 to 1914, from U. S. Rubber Co.

No. 616.—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					
1915	42,431	41,303	673,947	16.3	19,161	351,854	18.4
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	230,082	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	275,214	13.9
1923	45,408	38,712	555,323	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	400,970	12.5	20,479	268,012	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	326,967	15.3
1928	48,347	36,964	591,017	16.0	22,345	335,113	15.0
1929	43,340	40,580	577,009	14.2	22,091	235,564	10.7
1930	43,562	39,463	599,593	15.2	21,677	257,834	11.9
1931	43,520	41,357	787,393	19.0	13,987	112,826	8.1
1932[2]	40,420	33,656	462,151	13.7	21,521	264,680	12.3

[1] Acreage sown in preceding fall. [2] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 617.—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	1927	1928	1929	1930	1931	1932
Supply, total	912,378	1,064,439	1,017,300	1,080,699	1,081,403	1,187,769	1,238,494	-------
Stocks, July 1, total wheat and flour	108,062	187,077	126,933	133,127	255,874	311,283	325,389	369,699
On farms	36,562	32,793	26,717	23,431	45,829	47,417	31,865	71,925
In country elevators and mills	30,991	34,453	21,776	19,277	41,546	60,166	30,252	41,817
Commercial stocks [1]	25,519	55,179	21,052	38,587	90,442	109,327	203,907	168,405
In merchant mills and elevators and stored for others [2]	[3] 22,576	40,182	37,038	31,920	48,279	59,170	40,221	70,582
In transit to merchant mills	[3] 9,000	12,092	11,274	10,893	16,237	14,706	12,198	9,929
Flour (in terms of wheat) [4]	8,676	12,378	9,076	9,019	13,541	20,497	6,886	7,401
New crop	786,843	860,861	874,633	926,130	812,573	857,427	900,219	726,831
Imports, flour included	17,473	16,491	15,734	21,442	12,956	19,059	12,886	-------
Accounted for distribution, total	401,112	491,794	434,822	508,168	539,959	541,689	589,802	-------
Exports (flour included)	207,237	174,765	206,259	163,687	153,245	131,475	135,798	-------
Reexports and shipments to Alaska, Hawaii and Puerto Rico (flour included)	3,057	3,014	2,743	3,227	3,049	2,870	3,521	-------
Seed requirements	81,351	85,994	92,693	85,375	84,882	81,955	80,785	-------
Carry-over at end of year (June 30) [5]	109,467	228,021	133,127	255,874	[6] 298,783	325,389	369,699	-------
Disappearance for food, feed, and waste	511,266	572,635	582,478	572,536	541,444	648,080	648,692	-------
Per capita (bushels)	4.55	4.75	4.89	4.74	4.43	5.23	5.21	-------

[1] From Bradstreet's visible supply for 1921–22 to 1925–26, 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. 618.—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
1914–1920, avg	19,290	24,822	38,946	66,235	69,877	76,250	75,530	69,586	60,014	49,475	35,591	27,728
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	89,998	128,003	143,338	148,776	146,039	140,028	131,163	128,506	125,323	114,385	102,554
1929	95,684	145,504	196,886	205,778	209,426	198,557	188,171	173,483	165,174	158,176	140,315	123,035
1930	112,755	165,616	201,541	219,108	211,600	207,479	200,007	202,537	208,102	213,052	206,463	206,196
1931	202,035	220,544	251,430	248,303	238,294	235,955	226,151	216,033	214,442	205,431	185,147	176,647
1932	168,412	179,581	191,225	198,105	194,610	181,095	172,813	159,049	151,228	140,242	129,129	121,644

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
1914–1920, avg	3,763	2,953	6,909	12,521	17,069	18,949	13,827	9,059	8,509	6,140	4,048	5,245
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	16,215	22,667	23,532	19,986	10,825	6,325	3,656	3,940	4,043
1930	4,379	6,964	16,390	10,757	18,961	20,447	18,270	11,412	7,815	8,183	8,846	5,362
1931	7,217	9,695	11,967	13,413	17,470	21,479	21,418	20,049	15,964	10,985	14,649	18,458
1932	26,733	26,081	28,935	31,819	34,651	33,772	30,190	36,298	46,140	60,731	-------	-------

[1] Bradstreet's. [2] Chicago Board of Trade.

No. 618.—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
1914-1920, avg.	7,879	14,984	23,791	26,613	28,498	28,660	26,513	25,203	23,404	20,717	17,141	13,698
1921-1925, avg.	21,818	34,206	47,372	51,211	50,468	51,075	50,611	49,063	43,706	36,706	28,498	25,530
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	7,626	23,488	26,321	30,155	27,534	26,946	24,471	21,673	18,349	16,242	12,652	10,875
1930	8,467	23,230	30,495	30,815	28,269	28,229	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	24,521	24,620	24,168	22,609	21,187	22,844	27,585

[1] Chicago Board of Trade.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 619.—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 [1]			Wheat (grain)	Wheat flour	Wheat and flour [1]	
	1,000 bushels	*1,000 barrels*	*1,000 bushels*	*1,000 bushels*		*1,000 bushels*	*1,000 barrels*	*1,000 bushels*	*1,000 bushels*
1852-1856	4,715	2,892	19,173	4,178	1917	149,831	11,943	203,574	24,925
1857-1861	12,378	3,318	28,970	2,617	1918	34,119	21,880	132,579	31,215
1862-1866	22,530	3,531	40,184		1919	178,553	24,182	287,402	11,289
1867-1871	22,107	2,585	35,032	1,818	1920	122,431	21,052	219,865	5,496
1872-1876	48,958	3,416	66,037	1,680	1921	293,268	16,180	366,077	57,398
1877-1881	107,781	5,376	133,263	906	1922	208,321	15,797	282,566	17,375
1882-1886	82,884	8,620	121,675	517	1923	154,951	14,883	224,900	20,031
1887-1891	64,739	11,287	115,529	352	1924	78,793	17,253	159,880	28,079
1892-1896	99,914	15,713	170,624	1,634	1925	195,490	13,896	260,803	6,201
1897-1901	120,247	17,151	197,427	1,280	1926	63,189	9,542	108,036	15,680
1902-1906	70,527	15,444	140,026	993	1927	156,250	13,385	219,160	13,263
1907-1911	62,855	11,841	116,138	706	1928	145,999	12,821	206,258	15,734
1912-1916	129,415	13,185	188,740	2,996	1929	103,114	12,888	163,688	21,442
1917-1921	155,646	19,167	241,899	26,064	1930	92,175	12,994	153,247	12,956
1922-1926	140,129	14,274	207,237	17,424	1931	70,365	11,726	131,477	19,958
1927-1931	114,781	12,763	174,766	16,491	1932	96,521	8,357	135,799	12,886

Yearly average or year ended June 30—	Corn [2]		Rice [3]		Flaxseed		Unmanufactured *tobacco*	
	Exports [4]	Imports	Exports [4]	Imports	Exports [4]	Imports	Exports [4]	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	----------	65,732	----------	7	----------	167,711	5,154
1862-1866	12,060	----------	2,258	70,893	16	1,037	140,208	----------
1867-1871	9,024	75	1,857	52,954	(5)	----------	194,754	5,631
1872-1876	38,561	57	391	72,536	(5)	2,915	241,848	8,886
1877-1881	88,190	42	602	62,615	(5)	1,224	266,315	7,871
1882-1886	49,992	24	561	99,871	(5)	1,541	237,942	13,672
1887-1891	54,606	15	3,210	156,859	[7] 66	1,833	259,248	21,640
1892-1896	63,980	8	10,278	160,808	1,516	1,181	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	325,530	32,805
1907-1911	56,508	92	27,195	215,892	2,313	3,249	334,396	42,813
1912-1916	38,774	5,686	60,043	250,775	67	9,227	408,006	55,556
1917-1921	45,296	4,950	299,021	262,514	13	14,750	496,924	74,595
1922-1926	66,759	1,149	300,030	74,178	(5)	18,198	496,676	68,470
1927-1931	18,941	1,859	315,474	43,734	(6)	18,659	552,705	78,384
1927	19,819	1,098	304,358	71,053	(6)	24,224	516,401	92,983
1928	19,410	5,463	309,789	44,102	(6)	18,112	489,996	81,045
1929	41,876	490	392,684	36,794	(6)	23,494	566,925	79,284
1930	10,282	496	289,533	31,212	(6)	19,652	600,181	63,183
1931	3,317	1,747	281,005	35,507	(6)	7,813	691,034	75,426
1932	3,968	386	274,716	20,484	(6)	13,850	432,362	73,376

[1] Flour converted to grain at rate of 5 bushels to a barrel, 1852 to 1879, 4½, 1880 to 1921; 4.7 thereafter.
[2] Including meal in terms of grain (4 bu. of corn to 1 bbl. of meal).
[3] Includes flour, meal, etc. [4] Excluding reexports. [5] Less than 500 bushels.
[6] Not separately reported. [7] 3-year average.

Source: Bureau of Foreign and Domestic Commerce.

No. 620.—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 oats, barley, cotton, cottonseed, and timothy and alfalfa seed; in September for flaxseed, buckwheat, clover seed; in November for corn and peanuts; and in July for other crops named. For index numbers of prices of farm products by great groups see Table 540

Crop year beginning—	Wheat	Corn	Oats	Barley	Rye	Buck-wheat	Flaxseed
1913	79.3	71.8	38.9	53.2	62.9	70.6	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	107.1	313.0
1918	206.3	153.5	70.0	97.8	152.1	104.7	362.7
1919	218.6	153.3	78.1	122.3	146.9	159.2	442.0
1920	182.9	65.3	55.7	82.2	148.2	126.8	227.1
1921	104.4	58.2	33.4	48.5	86.9	89.1	166.1
1922	98.0	75.0	38.6	51.4	68.1	89.9	208.3
1923	92.4	82.3	41.5	55.3	69.4	96.3	212.2
1924	127.8	107.3	48.3	77.3	96.3	108.6	219.2
1925	145.9	71.4	39.8	62.3	88.1	87.5	226.2
1926	123.8	74.1	40.3	59.8	84.2	87.0	203.1
1927	120.5	85.3	48.2	72.0	84.7	87.6	193.5
1928	100.1	84.5	42.0	58.9	85.4	90.7	194.5
1929	105.1	80.9	42.9	54.0	87.7	96.3	280.6
1930	66.4	60.2	33.3	41.1	47.9	70.6	158.1
1931	38.5	32.1	21.5	32.2	34.7	42.3	112.5

Crop year beginning—	Potatoes	Sweet potatoes	Apples	Cotton	Cotton-seed	Peanuts	All hay (loose)
1913	70.6	83.8	91.7	12.[5]	22.39	4.7	11.49
1914	58.3	84.5	92.5	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	77.9	149.7	122.1	22.9	34.08	5.9	12.76
1925	183.4	168.9	127.0	19.6	30.82	4.7	12.83
1926	142.0	118.7	88.3	12.5	21.55	5.1	13.23
1927	109.1	107.7	141.7	20.2	35.94	5.2	10.57
1928	61.9	113.4	110.3	18.0	35.25	5.0	11.29
1929	136.2	114.6	141.4	16.8	30.43	3.8	11.05
1930	95.5	109.8	102.7	9.5	21.93	3.6	11.29
1931	51.8	70.5	67.0	5.7	9.51	2.0	8.71

Crop year beginning—	Prairie hay	Timothy hay	Clover hay	Alfalfa hay	Timothy seed	Clover seed	Alfalfa seed
1915	7.09	12.99	11.22	9.31	2.72	9.61	8.80
1916	8.00	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	16.76
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	8.61	14.62	13.68	13.66	3.15	14.21	10.77
1925	9.33	15.34	14.47	13.49	3.34	15.27	10.14
1926	10.89	15.41	15.05	13.56	2.62	18.20	9.54
1927	7.70	11.60	12.18	11.95	1.88	15.98	9.76
1928	8.06	12.26	12.96	13.74	2.09	16.89	11.35
1929	8.12	11.71	11.97	13.68	1.92	10.48	11.78
1930	7.26	14.20	13.45	12.15	2.66	11.80	10.66
1931	6.74	9.13	9.62	10.03	1.43	7.33	7.43

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 621.—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, Sept.–Aug.[1]	Kafir, Nov.–Oct.[1]
	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, Chicago	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	$0.76	$1.92	$1.34
1914–1920	1.90	1.85	1.83	1.15	1.12	.60	.58	1.02	1.52	3.03	2.17
1921–1925	1.39	1.27	1.33	.79	.78	.42	.38	.65	.94	2.47	1.52
1926–1930	1.23	1.16	1.26	.85	.79	.44	.42	.65	.93	2.27	1.31
1917	2.20	[2]2.52	2.25	1.03	1.03	.71	.71	1.49	2.11	3.78	3.23
1918	2.25	2.19	2.22	1.62	1.56	.70	.66	1.00	1.61	4.19	2.86
1919	2.72	2.42	2.24	1.59	1.60	.80	.80	1.43	1.70	4.52	2.41
1920	2.07	1.83	2.23	.62	.59	.51	.48	.74	1.62	2.09	1.06
1921	1.43	1.20	1.25	.55	.54	.35	.32	.55	.97	2.19	1.36
1922	1.20	1.13	1.14	.73	.74	.41	.36	.58	.81	2.58	1.63
1923	1.17	1.05	1.02	.88	.78	.45	.40	.63	.70	2.44	1.51
1924	1.56	1.35	1.58	1.06	1.12	.50	.47	.84	1.25	2.63	1.81
1925	1.61	1.63	1.64	.75	.74	.41	.37	.67	.96	2.52	1.30
1926	1.46	1.35	1.38	.87	.88	.43	.42	.71	1.01	2.24	1.20
1927	1.36	1.35	1.40	1.01	.85	.55	.50	.84	1.06	2.20	1.46
1928	1.18	1.12	1.38	.92	.85	.44	.41	.65	1.01	2.33	1.38
1929	1.33	1.20	1.30	.83	.80	.44	.42	.59	1.02	2.92	1.53
1930	.83	.76	.86	.60	.55	.35	.33	.47	.54	1.65	.98
1931	.68	.47	.52	.36	.37	.22	.24	.48	.45	1.25	.60

[1] Average closing price through December, 1920. [2] Price per 100 pounds. [3] 11-month average.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 622.—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	1931	1932
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	112,734	72,294
By canal via river	10,168	2,504	4,139	32,767	39,797	41,995	27,950
Coastwise and river	410	7,120	5,966	9	462	10	3
By rail	82,742	211,044	135,429	156,386	86,124	70,729	44,341
Boston	22,402	28,097	13,099	11,911	7,918	10,817	8,815
Philadelphia	28,736	69,772	45,148	55,933	13,529	16,522	12,325
Baltimore	32,272	105,856	74,260	36,552	17,693	18,132	7,481
New Orleans	10,213	56,774	72,976	32,039	24,630	13,345	12,136
Montreal, Canada	44,178	68,185	67,044	179,959	110,675	111,773	127,998
COMMODITY							
Flour, 1,000 bbls.	16,341	23,279	17,016	23,801	24,291	18,498	14,391
Corn meal, do.	*1,039*	*941*	*77*	*75*	*86*	*96*	*83*
Wheat, 1,000 bu.	62,944	260,719	220,296	238,031	167,771	152,036	129,550
Corn, do.	42,193	45,434	17,916	13,220	4,829	3,815	13,622
Oats, do.	47,181	104,554	34,629	76,401	10,255	16,839	13,339
Barley, do.	*3,929*	*16,195*	*16,600*	*45,191*	*6,086*	*24,961*	*11,041*
Rye, do.	934	13,928	51,742	23,709	2,245	2,048	8,405
Total grain, do.	157,181	440,829	341,183	397,152	191,186	199,699	175,957
Flour and meal[1], do.	79,940	108,522	76,878	107,404	109,651	83,624	65,092
Grand total, do.	**237,122**	**549,351**	**418,061**	**504,556**	**300,837**	**283,323**	**241,049**

[1] Grain equivalent.

Source: New York Produce Exchange.

No. 623.—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	60,499	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	1,908	94,057	2,037	35,047	4,934
1926	359,435	39,062	6,867	89,148	53,061	33,342	14,715	2,677	92,740	1,314	21,486	5,023
1927	462,709	45,851	5,662	125,615	118,855	34,167	14,171	2,281	77,775	1,330	31,948	5,048
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	20,780	6,455	91,020	72,650	40,355	12,618	1,583	91,720	2,036	34,353	5,025
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
	CORN											
Nov. 1:												
1914–1920	246,387	101,633	14,788	10,643	[1] 1,348	22,286	3,025	3,043	18,263	25,349	26,731	19,469
1921–1925	266,015	115,372	14,538	13,213	5,061	30,749	3,774	1,423	18,436	22,221	22,668	18,559
1926–1930	239,915	85,776	12,434	11,554	1,493	28,170	1,894	785	29,743	22,306	23,465	22,294
1926	220,778	91,869	11,000	11,261	177	21,005	3,940	1,489	12,453	26,098	21,836	19,650
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	268,798	95,265	14,987	12,169	2,257	38,108	1,796	703	34,468	27,134	17,355	24,556
1929	235,102	77,499	13,728	13,325	1,588	25,466	1,253	417	29,025	22,882	26,522	23,489
1930	181,270	59,364	7,984	11,639	2,937	21,008	1,002	298	25,961	10,362	18,755	21,960
1931	141,257	68,037	7,448	6,443	427	14,324	2,737	226	7,629	12,244	5,902	14,940
	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
1926	143,960	49,420	14,826	18,205	2,360	21,076	8,781	1,352	3,270	8,954	6,628	9,088
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

[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. 624.—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]
1895	4.11	6.95	12.17	1914	5.31	6.54	9.60
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	9.02	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	11.03	11.93	19.65
1904	4.71	5.02	11.11	1923	10.94	12.43	18.00
1905	5.51	6.44	10.20	1924	8.67	10.92	18.00
1906	5.94	6.48	10.50	1925	7.24	10.89	18.00
1907	6.68	6.93	11.30	1926	8.08	12.04	18.00
1908	6.00	6.33	11.70	1927	7.16	11.14	18.00
1909	5.35	6.88	11.70	1928	8.40	11.36	18.00
1910	5.13	6.57	9.60	1929	6.37	10.42	18.00
1911	5.35	5.23	9.69	1930	6.41	10.80	18.00
1912	5.57	6.17	9.60	1931	5.52	10.00	18.00
1913	5.74	7.01	9.60	1932	4.53	8.76	18.00

[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.

Source: New York Produce Exchange.

No. 625.—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	3.5	1902	3.8	1913	4.6	1924	6.8
1892	3.5	1903	4.0	1914	4.3	1925	5.0
1893	4.6	1904	3.2	1915	4.6	1926	5.1
1894	3.2	1905	3.9	1916	5.0	1927	5.0
1895	2.2	1906	4.2	1917	4.4	1928	6.0
1896	3.7	1907	5.0	1918	9.3	1929	4.4
1897	2.8	1908	5.0	1919	8.2	1930	5.1
1898	2.8	1909	3.9	1920	10.3	1931	3.6
1899	3.0	1910	4.0	1921	7.4	1932	2.8
1900	2.5	1911	4.3	1922	10.4		
1901	3.5	1912	4.4	1923	7.1		

Source: Secretary of the Buffalo Chamber of Commerce prior to 1931; thereafter, Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 626.—FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS, CHICAGO TO EUROPEAN PORTS

NOTE.—Rates cover all-rail transportation to New York and steamer to foreign ports. Rail rates on grain and flour are reshipping rates. Steamer rates are berth rates. Owing to the war complete statements of freight averages for 1914 to 1916 are impossible and for 1917, 1918, 1919, and, in the case of a number of ports, for the earlier months of 1920 no figures are available

[Rates in cents per 100 pounds]

Destination	1900	1905	1910	1913	1921	1925	1926	1927	1928	1929	1930	1931	1932
Grain:													
Liverpool [1]	29.49	19.16	18.15	23.39	48.17	33.8	37.17	33.89	32.32	30.69	30.30	27.77	27.22
Glasgow [1]	30.98	20.00	15.91	22.92	(2)	35.3	39.80	36.42	33.90	34.10	34.70	30.39	27.82
London [1]	31.10	20.23	17.75	24.33	(2)	33.4	36.66	34.31	31.74	30.18	30.30	27.51	27.00
Antwerp	------	------	18.05	24.62	45.02	33.9	35.83	35.56	32.38	32.35	30.75	28.22	27.73
Hamburg	------	------	------	26.16	45.76	35.0	37.15	36.50	33.04	31.19	30.11	28.57	27.58
Amsterdam	------	------	------	25.07	49.53	------	47.50	39.50	33.91	32.75	31.76	27.98	27.59
Rotterdam	------	------	------	25.07	45.64	35.5	37.26	36.18	33.04	31.86	30.67	27.98	27.59
Sacked flour:													
Liverpool	27.90	22.40	19.75	30.00	58.63	43.8	46.68	45.01	43.17	42.19	40.44	36.88	37.46
Glasgow	31.56	22.50	21.50	32.00	(2)	45.0	47.93	47.39	45.17	44.19	43.52	38.42	39.46
London	35.01	23.64	22.00	30.50	(2)	43.9	46.66	45.04	43.17	42.19	40.44	16.88	37.46
Antwerp	------	------	------	35.60	55.27	44.3	45.31	48.05	45.71	43.98	41.54	39.42	40.46
Hamburg	------	------	------	37.00	56.15	44.1	45.51	46.80	45.79	43.02	41.54	39.42	40.46
Amsterdam	------	------	------	30.00	55.74	44.6	46.10	47.70	46.50	44.54	42.35	39.42	40.46
Rotterdam	------	------	------	29.00	55.12	44.6	44.34	47.81	45.71	43.67	41.54	39.42	40.46
Copenhagen	------	------	------	40.00	64.01	50.4	51.15	55.32	53.50	53.50	53.50	51.32	52.46
Stockholm	------	------	------	43.00	------	53.5	54.42	57.32	55.69	56.50	56.50	54.42	55.46
Provisions:													
Liverpool	48.84	38.49	45.38	51.00	137.13	106.5	106.50	116.33	117.75	101.50	101.50	101.50	98.00
Glasgow	55.31	43.23	46.88	55.31	(2)	106.5	106.50	116.33	117.76	101.50	101.50	101.50	98.00
London	55.87	40.88	47.62	51.00	(2)	106.5	106.50	116.33	117.75	101.50	101.50	101.50	98.00
Antwerp	51.09	43.70	49.44	55.22	104.01	86.5	87.19	89.00	91.50	97.80	99.00	99.00	96.44
Hamburg	50.00	45.75	50.00	55.33	104.87	91.5	91.50	110.50	95.67	90.50	91.50	91.50	91.75
Amsterdam	51.00	45.42	48.00	54.00	104.25	86.5	86.72	89.00	91.50	97.80	99.00	99.00	96.44
Rotterdam	51.00	44.53	47.00	53.00	104.25	86.5	86.72	89.00	89.00	97.80	99.00	99.00	96.44
Copenhagen	55.31	48.66	55.31	69.43	113.00	96.5	100.92	103.00	101.50	101.50	101.50	104.83	103.01
Stockholm	64.50	51.47	56.72	73.14	------	104.0	104.27	109.00	104.24	102.25	103.00	103.00	103.75
Bordeaux	64.12	51.45	57.50	71.25	105.16	106.5	106.50	110.75	109.83	102.36	111.50	111.50	105.19
Havre	------	------	------	69.38	104.20	106.5	106.50	110.75	109.83	102.36	111.50	111.50	105.19

[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. 627.—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	392,845
Fruits, vegetables, and soups					400,238	539,434	351,488
Canned vegetables and soups					234,260	325,738	211,296
Beans	Case [2]	25,360	31,454	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
Asparagus	do	2,177	2,727	1,878	12,202	15,465	10,392
Spinach	do	2,462	4,815	1,774	6,225	12,132	3,863
Kraut [3]	do	3,101	4,224	3,645	5,460	8,422	5,429
Spaghetti	do	2,751	4,239	2,797	6,061	8,320	6,430
All other (incl. soups)	do	19,936	29,703	24,143	60,543	83,260	57,470
Canned fruits					101,731	137,399	79,375
Peaches	Case [2]	11,305	8,724	8,617	36,235	35,675	22,640
Apples	do	2,939	3,593	2,067	5,895	7,941	3,322
Berries	do	2,375	2,516	2,035	9,807	10,750	7,981
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	1,012,798	938,699	1,084,385	64,167	75,892	60,585
Raisins	do	435,292	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	41,357
Canned fish, oysters, etc					51,090	58,470	31,077
Salmon	Case [4]	1,504	1,561	1,187	15,712	14,303	7,615
Sardines	do [5]	6,183	9,273	4,118	14,518	18,193	7,115
Shrimps	do [6]	853	980	818	5,322	5,535	3,393
Tuna	do [7]	1,256	1,541	1,190	8,368	10,796	7,213
Oysters	do [8]	447	455	361	2,368	2,174	989
Clams	do [8]	202	167	127	1,402	943	784
All other	do [4]	586	1,157	697	3,400	6,523	3,968
Cured fish	Pound	91,213	102,489	66,364	13,320	17,523	10,280
Pickles, sauces, etc					116,005	135,263	93,771
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	23,923
Ketchup					20,237	24,437	15,805
Kraut in bulk [3]					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: [9]							
Wheat	Bushel [10]	544,054	546,242	526,008			
Corn	do [10]	92,603	87,453	58,902			
Rye	do [10]	9,255	9,671	8,107			
Buckwheat	do [10]	2,761	2,027	1,310			
Oats	do [10]	27,761	29,006	11,963			
Barley	do [10]	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 [11]	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 [12]	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 [13]	4,638	4,682	4,826	142,194	141,985	73,670
Feed, screenings, etc	do	2,749	2,472	1,549	97,013	93,840	36,482

For footnotes, see p. 632.

No. 627.—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					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	135,215	87,144
Cornstarch	Pound	*1,012,175*	*1,048,435*	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 [12]	6,711	6,951	7,620			
All products, total value					104,927	108,563	85,673
Sugar	Ton [13]	890	1,086	1,165	98,585	100,767	81,812
Molasses	do	76	78	86	692	1,169	304
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 [13]	975	2,726	2,559			
All products, total value					6,009	18,326	13,981
Sugar	Ton [13]	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 [13]	5,405	5,296	4,634			
All products, total value					597,446	507,389	395,303
Refined sugar, sirup, etc.					597,039	507,198	395,167
Refined sugar	Ton [13]	5,128	5,115	4,430	593,620	502,404	392,199
Sirup	Gallon	5,837	4,320	3,399	1,247	920	720
Refiners' blackstrap	do	31,014	32,109	20,888	2,172	3,044	1,090
Misel. sugar products						830	1,158
All other products					407	191	136
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	13,521	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] Includes beside amounts produced in the industry primarily engaged in making these products, data for similar products made in establishments classified in other industries.
[2] Actual number of cases of all sizes. [3] See also "Kraut in bulk" under "Pickles, sauces, etc."
[4] 48 1-pound cans. [5] 100 No. ¼ cans. [6] 48 No. 1 cans. [7] 48 No. ½ cans.
[8] See also under "Canned vegetables and soup."
[9] In "Flour and other grain-mill products" industry only.
[10] Weight of bushel: Wheat, 60 pounds; corn and rye, 56; buckwheat and barley, 48; oats, 32.
[11] 196 pounds. [12] 200 pounds. [13] 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. 628.—FORESTS: Estimated Original Area, Area in 1930, Stand of Saw Timber, and Annual Growth, 1930, by Regions

Note.—Data in the following table are necessarily approximate. The original area and area in 1930 refer only to land capable of producing commercial timber in commercial quantities, and do not include the low-grade woodland and scrub; the 11,000,000 acres in parks, monuments, etc., are excluded from the forest area in 1930. Annual growth relates to acreage specified as growing area, other areas having no growth in excess of decay

Region	Original area (thousand acres)	Area (thousand acres), 1930						
		Total	Saw timber			Cordwood	Fair to satisfactory restocking	Poor to nonrestocking
			Total	Old growth	Second growth			
Total	816,158	494,898	188,645	98,855	89,790	120,881	102,073	83,299
New England [1]	38,908	27,273	13,860	7,976	5,884	4,843	6,145	2,425
Middle Atlantic [2]	69,610	27,139	7,294	25	7,268	10,518	5,908	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	5,950	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 Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
[2] New York, New Jersey, Pennsylvania, Delaware, and Maryland.
[3] Michigan, Wisconsin, Minnesota, and North Dakota.
[4] Ohio, Indiana, Illinois, West Virginia, Kentucky, Tennessee, Iowa, and Missouri. Data for Kansas and Nebraska are not available, but these omissions from the central region estimates are unimportant.
[5] Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Texas, and Oklahoma.
[6] California, Oregon, and Washington.
[7] Idaho and Montana.
[8] Wyoming, Colorado, South Dakota, New Mexico, Arizona, Utah, and Nevada.

Source: Forest Service, Department of Agriculture.

No. 629.—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	1,867,803	57,875	28,150	35,887	34,622	199,297	1,041,628	146,388	125,956
Eastern hardwoods, total	179,283	25,064	17,905	26,694	31,722	77,848			
Oak	60,753	1,048	4,783	6,017	16,315	32,590			
Birch, beech, and maple	49,943	20,973	8,555	13,450	4,401	2,556			
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		507		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	2,302	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	1,511,252						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. 630.—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, 1932 (acres)	Standing timber, Dec. 31, 1930		State	Net area, 148 forests, June 30, 1932 (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	161, 360, 691	633, 340	149, 142	New Hampshire	495, 001	1, 067	1, 253
				New Mexico	8, 482, 606	9, 028	
Cont'l U.S.	140, 003, 966	552, 465	141, 526	North Carolina	[1, 2] 404, 392	503	1, 080
				Oklahoma	116, 059		
Alabama	[1] 129, 874	254	5	Oregon	13, 424, 665	152, 638	16, 113
Arizona	11, 388, 458	14, 059		Pennsylvania	[1] 367, 229	94	608
Arkansas	[1] 1, 255, 689	1, 442		South Carolina	47, 473	103	90
California	19, 185, 824	102, 251	62	South Dakota	1, 070, 617	2, 910	1, 535
Colorado	13, 326, 851	38, 251	8, 495	Tennessee	[1] 386, 468	369	263
Florida	[1] 577, 828	171	702	Utah	7, 473, 020	7, 283	681
Georgia	[1] 330, 277	398	554	Vermont	1, 842		
Idaho	19, 475, 593	58, 275	21, 191	Virginia	[1] 602, 887	777	3, 470
Illinois	10, 710			Washington	9, 579, 187	102, 309	12, 525
Louisiana	75, 598	5	62	Wisconsin	[3]	11	15
Maine	33, 482	52		West Virginia	327, 284	75	480
Michigan	[1] 614, 385	85	160	Wyoming	8, 477, 181	28, 158	9, 926
Minnesota	[1] 1, 127, 051	1, 104	4, 468				
Montana	16, 031, 524	30, 565	57, 680	Alaska	21, 344, 282	80, 875	7, 616
Nebraska	206, 026			Puerto Rico	12, 443		
Nevada	4, 978, 295	228	18				

[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.
[3] Purchase areas in Wisconsin not formally placed under national forest administration until 1933.

Source of Tables 629 and 630: Forest Service, Department of Agriculture.

No. 631.—NATIONAL FORESTS: Land Acquired or Approved for Purchase Under the Weeks Law, as Amended by the Clarke-McNary Law, to June 30, 1932

State and National forest or purchase unit	Total	Area approved for purchase	Area acquired
	Acres	*Acres*	*Acres*
Grand Total	4,727,723	359,211	4,368,512
Alabama: Alabama	116,826	4,661	112,165
Arkansas, total	342,841	33,231	309,610
Ouachita (part)	182,960	17,254	165,706
Ozark	159,881	15,977	143,904
Florida, total	236,229	6,967	229,262
Choctawhatchee	62,965	4,066	58,899
Ocala	25,583	543	25,040
Osceola	147,681	2,358	145,323
Georgia, total	341,783	11,520	330,263
Cherokee (part)	201,774	6,088	195,686
Nantahala (part)	140,009	5,432	134,577
Louisiana: Kisatchie	85,850	10,252	75,598
Maine: White Mountain (part)	33,781	299	33,482
Michigan, total	335,406	32,155	303,251
Hiawatha	89,866	22,203	67,663
Huron	92,416	4,923	87,493
Marquette	72,722	4,431	68,291
Ottawa	80,402	598	79,804
Minnesota: Superior	131,236	3,431	127,805
Mississippi: Homochitto	65,030	65,030	
New Hampshire: White Mountain (part)	500,955	5,954	495,001
North Carolina, total	439,721	43,293	396,428
Cherokee (part)	8,415	1,400	7,015
North Carolina—Con.			
Mantahala (part)	151,036	20,036	131,000
Pisgah (part)	280,270	21,857	258,413
Oklahoma: Ouachita (part)	61,489	6,910	54,579
Pennsylvania: Allegheny	371,181	1,905	369,276
South Carolina: Nantahala (part)	48,950	1,477	47,473
Tennessee, total	393,668	7,204	386,464
Cherokee (part)	206,861	3,965	202,896
Pisgah (part)	37,175	2,176	34,999
Unaka (part)	149,632	1,063	148,569
Vermont: Green Mountain	31,491	29,649	1,842
Virginia, total	619,690	16,938	602,752
George Washington (part)	380,742	6,405	374,337
Monongahela (part)	10,414		10,414
Natural Bridge	168,659	2,130	166,529
Unaka (part)	59,875	8,403	51,472
West Virginia, total	336,102	8,818	327,284
George Washington (part)	71,676	5,139	66,537
Monongahela (part)	264,426	3,679	260,747
Wisconsin, total	235,494	69,517	165,977
Flambeau	105,691	29,306	76,385
Moquah	76,645	33,436	43,209
Oneida	53,158	6,775	46,383

No. 632.—NATIONAL FORESTS: Summary of Operations

Note.—Data for revenue are for fiscal years ended June 30; all other data are for calendar years. Figures include data for national forests in Alaska

Item	1926	1927	1928	1929	1930	1931	1932
Timber sales:							
Number	13,199	12,648	13,791	13,884	15,093	15,873	14,108
Quantity [1] M ft.[2]	1,489,372	642,698	2,689,916	1,050,894	3,370,417	608,208	356,569
Timber cut under sales do	1,175,273	1,091,621	1,336,614	1,421,188	1,254,963	793,042	383,395
Free timber given:							
Number of users	34,797	35,068	38,165	42,135	53,930	81,618	124,971
Timber cut M ft.[2]	[1] 88,170	81,363	82,442	86,768	116,096	167,680	270,244
Value dolls	[1] 97,330	91,346	90,111	97,518	116,786	162,017	226,947
Grazing, kinds of stock: [3]							
Cattle No	1,456,858	1,403,191	1,335,903	1,322,465	1,321,431	1,340,160	1,361,160
Goats do	15,666	18,046	17,070	15,487	13,496	14,645	12,438
Swine do	1,085	1,002	1,206	853	540	431	528
Horses do	57,396	55,629	51,956	48,171	42,357	37,663	35,105
Sheep do	6,212,657	6,376,838	6,509,421	6,650,719	6,799,236	6,701,931	6,308,500
Revenue, total dolls	5,155,661	5,166,606	5,441,601	6,299,802	6,751,553	4,993,320	2,294,247
From—							
Timber [4] do	3,366,685	3,253,243	3,325,215	4,108,595	4,389,893	2,607,618	1,049,108
Water power do	94,718	98,749	101,798	113,228	107,493	112,308	116,352
Special uses do	259,820	277,612	285,684	287,119	300,257	301,712	293,157
Grazing do	1,421,589	1,530,952	1,713,730	1,740,290	1,942,914	1,960,642	829,900
All other do	12,849	6,050	15,144	50,570	10,996	11,040	5,670

[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 631 and 632: Forest Service, Department of Agriculture.

No. 633.—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 and Indian reservations are not included except for 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	350, 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	40, 457	14, 597	51, 371
1931	617, 290	400, 750	216, 541	61, 854	125, 040	6, 378	45, 200	17, 018	50, 069
1932	625, 554	405, 083	220, 471	60, 471	105, 899	3, 322	38, 410	7, 862	45, 581

[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 or 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. 634.—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, 720	2, 966	5, 236	14, 488	7, 398	15, 427	1, 082	6, 243	5, 294
1932	3, 388	2, 383	4, 963	15, 532	7, 579	16, 396	594	5, 337	4, 299
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	110, 060	319, 480	807, 340	585, 040	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	221, 160	141, 580	396, 830	927, 620	644, 910	2, 224, 570	146, 000	1, 002, 420	672, 350
1932	29, 330	59, 030	388, 990	502, 130	347, 970	1, 333, 230	47, 700	301, 040	270, 210
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, 630, 630	3, 200, 570
1931 [1]	1, 660, 310	709, 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 633 and 635 because of incomplete reports.

[2] See footnote 2, Table 633. Data for 1932 are not available.

Source: Forest Service, Department of Agriculture.

No. 635.—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, 249, 150	2, 874, 690	4, 123, 840	278, 710	1, 573, 750	402, 040	2, 254, 500	6, 378, 340
1932	627, 730	1, 867, 420	2, 495, 150	136, 840	516, 710	172, 820	826, 370	3, 321, 520

No. 635.—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	612,660	2,305,690	9,732,530	$514,310	8,446,840
1929	5,965,850	3,664,750	403,100	2,911,650	12,945,350	1,193,200	14,138,550
1930	5,895,240	6,007,200	325,690	1,771,100	13,999,230	598,050	14,597,280
1931	6,821,070	5,491,850	215,820	2,751,750	15,280,490	1,737,610	17,018,100
1932	2,754,410	2,573,040	125,830	1,831,870	7,290,150	571,780	7,861,930

[1] See footnote 2, Table 633.

Source: Forest Service, Deparment of Agriculture.

No. 636.—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	----------	----------	16,036,207	59,133,889	44,264,914	14,878,925
Products, total	----------	----------	14,495,808	54,041,444	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	61,256	4,002,636	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.	920,634	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	26,600	43,733	199,372	74,138	125,234
Shingles	Piece	6,296,100	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	1,399,233	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. 637.—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. Apart from the specific exclusions mentioned there are other variations in the completeness of the returns

[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)	1919	34,552	7,145	27,407	$30.21
1879	18,091			(1)	1920	33,799	6,989	26,810	38.42
1889	23,842			$11.41	1921	26,961	4,775	22,186	23.47
1899	[2]35,078	8,634	26,146	11.13	1922	31,569	4,925	26,644	26.15
1909	44,510	10,613	33,897	15.38	1923	37,166	6,262	30,904	31.78
1911	37,003	8,101	28,902	15.05	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	25.61
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

Species	Production by species								
	1899	1909	1919	1925	1927	1928	1929	1930	1931
Softwoods:									
Yellow pine	9,659	10,277	12,063	13,236	10,891	10,610	11,630	7,450	4,430
Douglas fir	1,737	4,856	5,902	8,154	8,443	8,449	8,089	6,453	4,648
White pine	7,742	3,900	1,724	1,521	1,344	1,367	1,248	1,109	716
Hemlock	3,421	3,051	1,755	2,140	2,071	2,222	2,099	1,517	960
Ponderosa pine (Western yellow pine)	945	1,500	1,755	3,127	2,799	2,976	3,288	2,594	1,822
Spruce	1,442	1,749	980	751	529	572	564	442	234
Cypress	496	956	656	903	610	501	532	491	332
Redwood	360	522	410	511	570	487	485	403	211
Cedar	233	346	332	372	306	267	309	238	150
Larch	51	421	388	307	288	250	245	174	85
White fir		89	223	337	280	292	307	207	121
Sugar pine	54	97	134	307	282	306	349	205	106
Balsam fir		109	68	20	16	19	37	8	11
Lodgepole pine		24	16	25	13	27	31	30	25
All other softwood	9								
Hardwoods:									
Oak	4,438	4,414	2,708	2,129	2,013	1,830	2,574	1,662	954
Maple	633	1,107	867	921	774	743	824	601	328
Gum, red and sap	285	707	851	1,101	1,101	968	1,004	694	343
Yellow poplar	1,115	858	329	376	335	328	436	268	172
Chestnut	207	664	546	308	264	260	268	151	89
Birch	133	452	375	412	327	337	374	284	172
Beech		511	359	181	154	146	187	138	81
Basswood	308	399	184	180	146	140	133	96	57
Elm	457	347	194	191	161	156	176	110	57
Cottonwood	415	266	144	142	104	144	165	158	77
Ash	269	291	155	179	137	130	152	116	68
Hickory	97	334	170	79	52	48	57	30	14
Tupelo		97	144	220	267	316	307	254	135
Walnut	39	46	39	70	65	57	72	36	23
Sycamore	30	57	28	24	29	38	58	26	23
All other hardwood	209	63	61	115	161	156	186	113	77

[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. 638.—LUMBER: Reported Production by Regions and States

Note.—See headnote, Table 637

[In millions of board feet]

Region and State	1889	1899	1909	1919	1927	1928	1929	1930	1931
United States	23,842	35,078	44,510	34,552	34,532	34,142	36,886	26,051	16,523
Northeastern	4,726	5,709	5,197	2,584	1,231	1,210	1,232	994	603
Maine	597	785	1,112	596	264	267	258	222	152
New Hampshire	277	572	650	339	216	239	192	182	94
Vermont	384	376	352	218	91	107	120	94	61
Massachusetts	212	344	361	167	88	112	72	82	43
Connecticut	40	108	168	87	56	34	30	21	13
New York	925	878	681	358	142	130	160	110	74
New Jersey	34	74	62	37	5	3	15	12	7
Pennsylvania	2,133	2,333	1,463	630	278	239	314	209	123
Maryland	82	184	268	113	67	60	55	48	29
Rhode Island	8	19	25	11	7	5	6	7	3
Delaware	23	36	55	27	17	13	10	8	4
Central	3,130	5,643	5,487	3,016	1,829	1,663	2,347	1,387	821
Ohio	565	990	543	280	128	112	175	108	53
Indiana	755	1,037	556	282	148	127	170	98	53
Illinois	222	388	170	65	29	30	38	25	18
Missouri	402	724	660	321	189	142	228	127	75
West Virginia	302	778	1,473	763	542	548	633	406	247
Kentucky	423	775	861	512	198	174	339	189	111
Tennessee	460	951	1,224	792	595	530	764	414	263
Lake States	8,251	8,750	5,476	2,692	1,794	1,803	1,771	1,326	712
Michigan	4,300	3,018	1,890	876	578	572	571	467	257
Minnesota	1,084	2,342	1,562	700	397	412	357	222	95
Wisconsin	2,866	3,389	2,025	1,116	819	819	843	637	360
North Carolina Pine States	1,129	2,712	5,177	3,374	2,408	2,390	2,979	2,018	1,263
Virginia	416	959	2,102	1,098	536	547	709	495	311
North Carolina	515	1,287	2,178	1,654	1,055	1,021	1,202	815	501
South Carolina	199	466	898	622	817	822	1,068	707	450
Southern States	3,718	8,404	14,796	12,704	12,068	11,588	12,484	8,140	4,721
Georgia	575	1,312	1,342	894	1,201	1,039	1,386	753	460
Florida	412	790	1,202	1,137	907	995	1,137	876	577
Alabama	589	1,101	1,691	1,799	2,172	1,980	2,059	1,342	732
Mississippi	454	1,206	2,573	2,390	2,557	2,524	2,670	1,484	863
Arkansas	538	1,624	2,111	1,772	1,229	1,130	1,348	869	508
Louisiana	304	1,115	3,552	3,164	2,386	2,279	2,232	1,607	949
Texas	843	1,232	2,099	1,380	1,446	1,447	1,452	1,045	556
Oklahoma	3	22	226	168	170	194	200	163	77
Rocky Mountain States	249	556	1,292	1,290	1,748	1,790	1,843	1,462	873
Montana	90	256	308	287	396	388	389	297	158
Idaho	28	65	646	765	924	978	1,029	840	500
Arizona	5	36	63	74	109	158	175	95	85
New Mexico	26	31	92	87	173	162	148	143	59
Colorado	80	134	142	65	67	72	71	55	48
Utah	14	18	13	12	6	8	5	6	6
Wyoming	6	17	29	9	13	24	26	25	17
Pacific States	2,028	[1] 2,902	6,906	8,798	[1] 13,390	[1] 13,630	[1] 14,149	[1] 10,670	7,494
Washington	1,064	1,429	3,863	4,961	7,326	7,305	7,302	5,502	3,908
Oregon	446	736	1,899	2,577	3,993	4,372	4,784	3,654	2,628
California	518	737	1,144	1,259	[1] 2,071	[1] 1,953	[1] 2,063	[1] 1,514	958
All other [2]	612	401	179	85	84	68	81	73	37
Iowa	569	352	132	18	----	----	----	----	----
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	3.5	3.3	3.8	3.6
Central States	13.1	16.1	12.3	8.7	5.3	4.9	6.4	5.2	5.0
Lake States	34.6	24.9	12.3	7.8	5.2	5.3	4.8	5.1	4.3
North Carolina Pine States	4.7	7.7	11.6	9.8	7.0	7.0	8.1	7.7	7.6
Southern States	15.6	24.0	33.3	36.8	34.9	33.9	33.8	31.3	28.6
Rocky Mountain States	1.1	1.6	2.9	3.7	5.0	5.2	5.0	5.6	5.3
Pacific States	8.5	8.3	15.5	25.4	38.8	40.0	38.4	41.0	45.4
All other	2.6	1.1	.4	.4	.2	.2	.2	.3	.2

[1] Figures include Nevada.

[2] Includes, besides Iowa, the Plains States of Kansas and South Dakota, and in certain years small figures for the District of Columbia, Nebraska, and Nevada.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No 639.—LUMBER: AVERAGE MILL VALUE PER 1,000 BOARD FEET

Kind of wood	1899	1909	1919	1923	1925	1926	1927	1928	1929	1930	1931
All kinds [1]	$11.13	$15.38	$30.21	$31.78	$28.02	$27.34	$25.90	$25.61	$26.94	$22.81	$18.56
SOFTWOODS											
Balsam fir	(2)	13.99	32.23	27.62	26.65	25.64	25.92	25.40	25.49	26.72	19.34
Cedar	10.91	19.95	33.80	37.56	38.80	37.28	34.39	38.32	34.83	31.14	24.08
Cypress	13.32	20.46	38.38	44.61	40.90	43.33	39.91	36.18	35.29	33.10	30.64
Douglas fir	8.67	12.44	24.62	26.90	20.94	20.17	19.45	19.02	20.05	16.91	12.05
Hemlock	9.98	13.95	29.16	26.21	21.58	20.23	19.06	18.84	18.90	17.04	14.13
Larch (tamarack)	8.73	12.68	23.39	21.98	18.25	17.77	17.69	18.34	18.35	17.18	14.18
Lodgepole pine	(2)	16.25	29.98	21.76	20.22	19.98	20.82	19.29	17.97	17.64	14.46
Redwood	10.12	14.80	30.04	43.08	33.99	33.80	33.81	31.39	31.00	30.33	29.82
Spruce	11.27	16.91	30.76	31.44	27.98	27.27	26.59	26.50	28.64	23.66	23.00
Sugar pine	12.30	18.14	35.99	45.33	44.79	48.45	43.22	39.06	43.08	38.10	28.76
Ponderosa pine (western yellow pine)	9.70	15.39	27.75	33.09	27.70	26.63	26.04	26.35	26.47	23.52	20.48
White fir	(2)	13.10	25.66	23.84	22.51	20.15	19.92	20.00	20.63	17.57	14.94
White pine	12.69	18.16	32.83	34.85	32.58	31.36	29.90	28.71	29.87	27.81	24.71
Yellow pine	8.46	12.69	28.71	29.82	26.46	26.54	23.77	24.62	25.66	21.06	16.99
HARDWOODS											
Ash	15.84	24.44	52.09	50.35	48.46	48.07	43.82	45.61	43.14	39.72	41.06
Basswood	12.84	19.50	40.03	45.60	39.76	37.07	39.84	39.72	39.88	36.31	28.54
Beech	(2)	13.25	29.98	30.22	29.21	27.84	27.71	28.63	28.39	25.89	22.93
Birch	12.50	16.95	35.79	43.33	41.68	40.80	41.03	40.30	39.35	36.39	30.95
Chestnut	13.37	16.12	32.30	29.75	30.37	29.54	29.35	31.09	29.51	23.91	22.50
Cottonwood	10.37	18.05	32.24	30.19	26.70	34.47	30.92	27.54	29.70	22.73	19.54
Elm	11.47	17.52	36.39	43.53	36.41	37.13	36.22	37.89	35.28	30.20	25.37
Gum, red and sap	9.63	13.20	32.68	32.35	31.30	33.73	31.82	31.91	34.42	27.67	22.68
Hickory	18.78	30.80	44.37	46.39	39.25	51.20	37.08	38.83	40.33	33.00	32.65
Maple	11.83	15.77	35.56	41.59	39.18	37.21	35.35	36.31	36.93	34.45	28.80
Oak	13.78	20.50	37.87	39.08	37.00	35.67	35.72	35.23	38.43	29.29	27.68
Sycamore	11.04	14.87	30.32	30.25	31.11	29.49	29.31	30.06	30.07	26.54	22.40
Tupelo	(2)	11.87	28.42	24.90	24.66	26.71	26.71	25.51	25.39	23.47	19.05
Walnut	36.49	43.70	72.13	109.38	111.53	113.57	111.64	112.54	119.15	100.75	90.44
Yellow poplar	14.03	25.39	41.65	51.29	43.44	38.63	38.58	40.90	41.66	35.19	30.02

[1] Including minor species. [2] No data.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 640.—VENEERS: TIMBER CONSUMED IN MANUFACTURING VENEERS

[In thousands of feet, log scale]

State	1925	1927	1929	1931
Total	734,599	861,561	1,112,910	696,350
Alabama	38,581	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	20,762
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	36,012	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	27,364	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	15,042
Texas	5,711	20,216	32,468	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	843,993	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	20,400	8,908
Red gum	237,485	250,247	286,035	201,297
Spruce	20,033	53,642	38,197	40,364
Tupelo	48,311	113,729	88,123	59,116
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	17,866	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. 641.—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	6,008,340
1918	1,362,187	5,690,182	1927	2,372,333	6,443,868
1919	1,724,078	9,192,704	1928	1,903,837	5,603,690
1920	1,952,983	6,156,416	1929	1,705,858	6,110,072
1921	1,970,696	6,845,187	1930	1,097,265	3,964,110
1922	2,940,714	8,131,242	1931	614,250	2,713,972
1923	3,328,013	7,506,869			

State	Lath				Shingles			
	1919	1929	1930	1931	1919	1929	1930	1931
Alabama	42,502	33,478	19,335	11,686	62,241	9,896	3,708	3,223
Arkansas	72,827	13,906	12,930	4,492	98,937	4,808	2,021	3,466
California	43,042	54,166	30,277	15,418	191,831	111,435	47,364	30,696
Florida	76,402	107,036	99,267	51,316	128,286	38,991	32,466	19,140
Georgia	19,718	12,467	1,017	4,668	114,806	24,973	7,103	7,878
Idaho	69,150	92,813	84,106	37,358	22,657	18,088	4,840	----
Louisiana	199,018	71,458	48,884	25,760	300,784	13,705	9,218	20,541
Maine	104,223	73,767	17,401	4,792	188,576	96,146	53,607	64,268
Michigan	51,469	17,520	8,350	5,566	144,173	35,999	28,318	7,704
Minnesota	115,741	56,663	22,846	15,651	4,451	50	----	100
Mississippi	96,204	87,937	47,371	23,298	34,002	11,168	4,169	2,641
Montana	21,362	17,002	14,483	6,761	253	20	125	100
North Carolina	19,079	8,206	1,388	1,545	92,139	24,241	14,568	6,961
Oregon	122,848	236,716	187,076	103,015	530,066	330,672	301,979	222,577
Texas	35,916	46,830	38,636	9,781	13,581	4,176	1,787	549
Virginia	27,073	8,497	8,793	5,526	1,637	33	82	----
Washington	339,058	563,819	351,154	235,243	7,095,122	5,333,374	3,407,776	2,292,931
West Virginia	22,005	77,501	26,987	15,098	120	----	----	----
Wisconsin	138,936	67,066	34,816	19,801	96,928	37,611	34,070	26,168
All other	107,505	54,030	42,138	17,475	72,114	15,296	10,909	5,329

No. 642.—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	370,231	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
Minnesota	----	(1)	1,954	(1)
Mississippi	106,671	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 641 and 642: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 643.—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	1922	5,548,842	89,895	$16.20	1927	6,750,935	95,452	$14.14
1909	4,001,607	34,478	8.62	1923	5,872,870	95,306	16.23	1928	7,160,100	97,024	13.55
1914	4,470,763	39,408	8.81	1924	5,768,082	92,672	16.07	1929	7,645,011	100,054	13.09
1919	5,447,832	87,386	15.95	1925	6,093,821	94,340	15.48	1930	7,195,524	88,084	12.32
1921	4,557,179	91,589	20.10	1926	6,766,007	101,229	14.96	1931	6,722,766	73,524	10.93

Kind of wood	Total consumption (cords)				Consumption by processes, 1931 (cords)			
	1919	1929	1930	1931	Mechanical [1]	Sulphite	Sulphate	Soda [2]
Total	5,477,832	7,645,011	7,195,524	6,722,766	1,371,389	2,781,685	1,770,940	798,752
Spruce:								
Domestic	2,313,419	2,074,267	1,844,937	1,651,051	813,933	800,294	(3)	(3)
Imported	873,795	1,029,913	888,255	676,339	249,790	[4] *426,549*		(3)
Hemlock:								
Domestic	795,154	1,309,170	1,222,961	1,185,272	113,189	904,070	(3)	(3)
Imported		15,379		5,776				
Yellow pine (southern)	234,463	1,036,272	1,030,273	1,294,503	(5)	[4] *52,640*	1,154,691	87,172
Poplar:								
Domestic	180,160	329,466	291,897	266,603	31,224	13,918	729	220,732
Imported	158,220	167,829	159,092	94,238				94,238
Balsam fir:								
Domestic	181,840	317,552	330,548	338,790	96,061	201,641	41,088	
Imported	106,974	45,412	48,935	55,601	(5)	[4] *55,601*		
Jack pine	[6] 51,581	[6] 205,760	[7] 200,970	[6] 159,273	(5)	(5)	[4] *159,273*	
Yellow poplar [7]	72,605	120,697	107,795	73,504			(5)	[4] *73,504*
Beech, birch, and maple [7]	184,111	76,950	68,848	69,681		(5)		(5)
Tamarack (larch) [7]	44,042	51,836	40,054	35,433		(5)	[4] *35,433*	
Gum [7]	30,355	39,685	41,825	22,440				22,440
White fir [7]	31,138	111,054	90,652	109,277	[8] 34,401	[6] *84,358*	[6] *5,695*	111,765
Other wood	44,894	153,485	232,980	126,942				
Slabs and mill waste	175,081	561,285	595,502	558,043	15,657	263,341	169,918	109,127

[1] Ground. [2] Includes small quantity of semichemical.
[3] Not shown separately to avoid disclosing data for individual establishments; amounts included in total.
[4] Includes processes combined. [5] Included with processes shown in italics to avoid disclosures.
[6] Principally domestic. [7] Domestic only. [8] Combined to avoid disclosures.

No. 644.—WOOD PULP: Total Production and by States and Processes

Note.—In 1931, 1,363,726 tons of mechanical pulp were not steamed and 85,514 tons steamed; of the other chemical pulp (sulphite, soda, and sulphate) 1,656,564 tons were unbleached and 1,168,452 bleached

Year	Tons [1]	Year	Tons [1]	Year	Tons [1]	Year	Tons [1]
1899	1,179,526	1919	3,517,952	1925	3,962,217	1929	4,862,885
1909	2,405,523	1921	2,875,601	1927	4,313,403	1930	4,630,308
1914	2,893,150	1923	3,788,672	1928	4,510,800	1931	4,409,344

State and process [1]	1909	1919	1925	1927	1929	1930	1931
Principal States:							
Maine	620,705	916,764	917,632	942,162	981,433	905,088	889,416
Louisiana		(2)	87,147	179,878	246,590	243,915	260,765
New York	679,534	811,958	770,777	710,227	662,988	596,219	466,510
Wisconsin	324,509	506,540	599,601	690,921	733,617	701,011	586,271
Pennsylvania	135,525	215,686	224,399	216,587	213,083	188,943	160,023
New Hampshire	212,599	232,134	217,489	200,324	212,774	138,332	(1)
Michigan	64,309	106,194	161,063	193,539	178,015	193,418	150,111
Minnesota	37,295	120,560	171,536	191,220	189,064	182,456	148,369
Washington	(2)	83,575	161,858	268,349	523,948	566,137	580,016
West Virginia	48,797	39,195	27,167	(3)	(2)	(2)	(2)
Vermont	59,356	85,945	46,597	32,562	26,307	25,047	25,601
Virginia	48,641	(2)	145,619	170,630	206,050	216,365	223,417
California	83,692	123,990	160,736	200,869	256,546	248,592	
Oregon							237,532
Other States	180,501	266,402	270,596	316,135	431,870	424,785	681,313
Process:							
Mechanical	1,179,266	1,518,829	1,629,089	1,618,638	1,649,112	1,566,832	1,459,355
Sulphite	1,017,631	1,419,829	1,447,191	1,588,132	1,729,889	1,571,064	1,453,194
Soda	298,626	411,693	472,647	487,478	520,729	505,770	374,054
Sulphate		120,378	412,690	607,172	922,674	956,429	1,036,113
Semichemical				11,983	40,481	30,213	86,628

[1] Beginning 1914 includes screenings except data by process for 1919. [2] Not shown separately.
Source of Tables 643 and 644: Bureau of the Census, Department of Commerce.

No. 645.—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	1931	1925	1927	1929	1931
Paper and paper boards, total	**9,182**	**10,002**	**11,140**	**9,382**	**862,589**	**872,207**	**903,301**	**681,106**
Standard newsprint, in rolls and sheets	1,563	1,517	1,409	1,203	106,083	98,782	80,707	63,654
Hanging	105	113	101	86	9,506	9,035	7,294	5,800
Poster, novel, newstablet, lining, catalogue, etc	84	183	262	225	7,096	15,573	21,314	16,689
Book	1,343	1,329	1,498	1,209	177,292	160,869	168,272	120,283
Cover	24	26	28	24	5,086	5,938	6,430	4,372
Writing (fine)	474	509	608	488	105,474	105,148	113,224	77,865
Wrapping	1,292	1,525	1,606	1,402	143,587	162,580	163,442	110,885
Boards	3,287	3,774	4,451	3,848	192,942	211,264	227,742	149,112
Tissue	281	316	388	395	45,735	46,617	53,300	45,041
Absorbent	51	64	91	77	10,000	13,331	16,973	14,774
Building	582	626	659	395	45,692	40,062	39,376	18,129
All other	96	21	39	31	13,375	3,008	5,228	4,501

Source: Bureau of the Census, Department of Commerce.

No. 646.—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] 27,648,939	26,980,981	575,557	[5] 1,649,160	1,615,643	29,022
1919	19,228,174	17,693,841	1,534,333	1,269,717	1,138,660	131,057
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] 1,578,886	[7] 324,504
1926	29,483,055	[8] 25,500,000	[9] 3,983,055	2,105,480	[8] 1,740,000	[9] 365,480
1927	35,882,258	31,549,082	4,333,176	2,524,000	2,071,813	452,187
1928	31,894,800	[8] 28,000,000	[9] 3,894,800	2,296,654	[8] 1,865,000	[9] 431,654
1929	35,940,124	31,320,871	4,619,253	2,454,186	1,975,631	478,555
1930 [7]	34,193,691	29,938,466	4,255,225	2,425,125	1,986,208	438,917
1931	27,499,514	24,349,024	3,150,490	1,904,397	1,570,885	333,512

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	116,027	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	125,500	1,241,143	1,336,052	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.

Source: Bureau of the Census, Department of Commerce, except as noted.

No. 647.—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
1889	653,170	10,550.6	129,560	2,111.2	4,355	88.5
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

Calendar year	Massachusetts		Rhode Island		Connecticut	
1880		7,959.8		696.8		933.2
1889	299,218	5,868.3	127,365	935.1	39,750	1,557.5
1902	230,646	6,432.4	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	3,695.4
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

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
1890	299,104	8,645.1	192,471	4,602.2	88,730	3,447.4	7,849	328.2	10,054	267.3
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	4,300.0	74,827	3,069.0	4,380	280.0	70,769	541.0
1921	332,932	11,607.4	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	50,904	2,974.1	92,846	5,854.2	76	4.7	20,983	378.2

CHESAPEAKE BAY STATES

Calendar year	Total		Maryland		Virginia	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1880	254,587	8,346.2	95,713	5,221.7	158,875	3,124.4
1890	329,188	9,655.5	143,906	6,019.2	185,283	3,636.4
1901	461,159	8,380.8	82,975	3,767.5	378,183	4,613.4
1908	420,311	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

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
1890	67,202	1,573.7	51,799	1,027.7	4,945	202.6	2,994	123.6	7,464	219.9
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

No. 647.—Quantity and Value of the Products of the Fisheries of Specified Sections—Continued

GULF STATES

Calendar year	Total		Florida (west coast only)		Alabama	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	23,561	1,227.5	8,376	564.8	3,542	119.3
1890	69,076	2,438.7	27,419	1,064.1	4,777	154.9
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	230.0
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	14,496	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

Calendar year	Mississippi		Louisiana		Texas	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	788	22.5	6,996	392.6	3,859	128.3
1890	8,131	245.7	20,789	660.1	7,959	313.8
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	762.3	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	34,629	1,005.3	61,920	2,764.6	16,624	907.3
1930	15,736	740.1	49,886	1,960.4	15,093	777.5
1931	22,985	595.4	45,704	1,330.3	19,051	789.8

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	2,993.1	23,400	890.9	25,169	1,010.8	23,313	1,091.4
1890	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
1922	282,968	12,983.6	69,470	4,953.9	22,372	1,255.7	191,127	6,774.0
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	7,042.3	32,998	3,068.0	398,651	7,904.3
1927	651,197	22,306.6	125,656	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	2,605.2	856,926	12,870.5
1930	833,389	23,064.1	110,039	8,334.8	26,459	2,250.3	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

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
1890	113,899	2,471.8	6,116	221.0	26,434	830.5	10,056	221.1	64,851	1,000.9
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	23,706	1,831.3
1928 [2]	63,368	5,960.8	13,132	772.7	17,999	2,332.5	9,943	1,024.0	19,643	1,573.9
1929 [2]	85,389	6,787.7	17,148	835.2	35,616	3,460.9	10,477	927.5	18,648	1,268.1
1930 [2]	94,948	6,050.3	14,894	695.3	30,973	2,150.0	16,377	1,519.9	29,540	1,655.5
1931 [2]	91,727	6,029.2	11,281	627.8	25,059	1,991.5	17,727	1,510.2	34,772	1,698.9

[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. 647.—Quantity and Value of the Products of the Fisheries of *Specified Sections*—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

	Total	
	1,000 pounds	*1,000 dollars*
1894	44,545	1,384.6
1899	96,797	1,781.0
1903	93,374	1,841.2
1908	148,284	3,125.0
1922	105,734	4,503.5
1931	82,383	2,897.4
	Mississippi River [3]	
1894	21,242	587.8
1899	68,604	823.0
1903	53,851	1,157.4
1922	33,945	1,645.3
1931	28,139	1,076.3

Tributary	1922		1931	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
Arkansas River [4]	2,034	136.3	777	49.9
Atchafalaya River [5]	4,579	254.7	9,231	523.1
Cumberland River	728	14.7	106	13.0
Illinois River [6]	12,661	617.3	5,985	159.7
Missouri River [6]	1,232	105.2	1,051	94.3
Ohio River [3]	7,458	379.1	1,221	96.5
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
Wabash River [6]	12,063	357.8	8,388	152.0
White River (Missouri and Arkansas) [6]	14,662	405.9	12,363	260.7
Yazoo River [4]	1,022	55.6	1,311	57.8

[3] Including minor tributaries.
[4] Includes tributaries in 1931.
[5] Not included with Mississippi River and tributaries, 1899 to 1908.
[6] Including tributaries.

No. 648.—SUMMARY OF THE FISHERIES OF THE UNITED STATES AND ALASKA, 1931

Section	Fishermen	Fishing vessels	Fishing boats	Persons on transporters	Transporting vessels	Products	
						Quantity	Value
	Number	*Number*	*Number*	*Number*	*Number*	*1,000 pounds*	*1,000 dollars*
Total	122,775	4,181	72,482	4,141	1,275	2,857,317	77,344
New England States	17,888	706	10,124	323	118	540,298	20,141
Middle Atlantic States	9,604	525	4,080	244	29	164,899	9,211
Chesapeake Bay States	20,689	320	14,175	857	424	293,271	7,428
South Atlantic and Gulf States	23,722	603	14,612	727	182	289,309	8,082
Pacific Coast States	19,235	940	6,749	274	106	597,306	13,512
Lake States	6,839	505	3,236	19	9	91,727	6,029
Mississippi River States	15,884		14,546	29	8	82,382	2,898
Alaska	8,914	582	4,960	1,668	399	598,125	10,043

No. 649.—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			
	1929	1930	1931	1932	1929	1930	1931	1932
Grand total	39,671	38,850	40,746	42,268	4,029,074	3,462,304	2,308,024	1,797,611
Landed by U. S. vessels [1]	16,257	16,562	17,208	24,142	1,996,468	1,703,083	1,172,314	1,055,607
Halibut	12,359	12,618	15,214	21,841	1,791,767	1,529,103	1,107,266	995,634
Sablefish	2,251	2,659	1,299	1,691	137,892	121,701	45,134	42,022
Lingcod	1,070	747	406	379	41,351	30,329	12,080	10,995
Rockfishes	577	538	289	231	25,448	21,450	7,834	6,956
Received by wholesale dealers [2]	23,414	22,288	23,538	18,124	2,032,606	1,759,231	1,135,710	742,004
Salmon—								
Humpback or pink	3,204	9	4,683	7	141,638	236	61,624	74
Chum or keta	5,001	4,662	3,234	3,674	251,000	69,214	53,021	45,482
King or spring	8,174	9,582	8,900	7,824	1,071,023	1,158,328	683,140	445,768
Coho or silver	4,604	4,031	4,452	4,601	420,660	344,629	220,606	165,393
Sockeye or red	133	90	46	23	10,650	10,753	4,064	1,327
Trout, steelhead	89	86	136	114	12,711	12,080	12,751	6,403
Smelt	142	497	269	191	20,003	28,385	11,741	6,630
Sole	287	325	389	336	14,020	12,433	11,681	7,895
Crabs	608	1,389	948	876	41,105	98,038	60,153	48,218
Miscellaneous	1,172	1,017	481	478	40,796	24,525	16,929	14,814

[1] Halibut fleet. [2] Does not include fish received from Alaska or Canada.

Source of Tables 647, 648, and 649: Bureau of Fisheries, Department of Commerce.

No. 650.—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:									
1921	150,865	53,515	67,413	4,536	6,945	2,098	5,666	3,384	7,308
1922	159,875	55,180	70,196	5,374	5,097	2,247	5,624	4,727	11,430
1923	174,941	62,655	73,702	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	91,836	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	50,047	187,204	12,051	10,565	3,483	2,696	37,743	22,707
1930	350,801	66,616	189,371	15,618	13,980	4,433	2,581	33,513	24,689
1931	263,085	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
Boston:									
1930	285,257	52,399	167,098	12,696	4,671	3,412	2,510	23,682	18,789
1931	219,945	49,920	120,287	5,904	5,028	3,447	2,310	19,358	13,191
1932	215,619	48,544	114,734	5,670	5,783	2,403	2,084	25,274	11,037
Gloucester:									
1930	47,359	11,501	13,457	1,635	8,379	393	25	9,102	2,867
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
Portland:									
1930	18,185	2,716	3,816	1,287	930	629	46	728	3,033
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	100	1,768	1,178
	Value in thousands and tenths of thousands of dollars								
All three ports:									
1921	5,722.6	1,730.8	2,040.2	109.6	164.6	37.8	803.1	335.6	494.0
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	1,495.0	890.1
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	10,849.1	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
Boston:									
1930	10,870.6	1,686.7	5,994.7	338.4	106.9	90.1	432.3	872.7	1,348.8
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
Gloucester:									
1930	1,348.1	424.8	372.6	29.7	141.7	6.4	3.7	256.9	112.3
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
Portland:									
1930	566.8	96.6	278.5	26.8	15.2	16.7	7.0	28.0	98.0
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

No. 651.—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 627 and 730

Product	1925	1926	1927	1928	1929	1930	1931	1932
Total value	95,177	98,328	94,177	110,753	124,833	106,579	79,514	56,216
Salmon	47,370	55,219	45,729	54,638	56,086	42,835	38,083	26,460
California sardines	6,381	7,807	9,269	9,659	11,997	8,742	4,715	2,358
Maine and Massachusetts sardines	6,717	6,727	5,249	8,076	6,893	4,459	2,047	1,370
Tuna and tunalike fishes	8,499	5,282	8,368	8,374	9,873	13,056	7,279	6,183
Shrimps and crabs	3,835	4,147	5,348	5,226	5,559	5,017	3,995	2,676
Clams	1,850	2,005	2,745	2,624	2,548	2,666	2,257	1,797
Oysters	3,721	2,027	2,368	2,761	2,732	1,837	964	1,008
Miscellaneous canned products	2,204	1,978	2,308	4,514	5,372	4,246	3,009	1,897
Menhaden—meal, scrap, and oil	5,623	3,442	3,690	3,440	3,830	2,674	1,140	1,180
Miscellaneous by-products	8,978	8,691	9,103	11,441	20,138	21,047	15,425	11,286

Source of Tables 650 and 651: Bureau of Fisheries, Department of Commerce.

No. 652.—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:								
1925	6,018.6	1,132.5	420.2	4,459.9	47,369.5	10,079.5	5,300.4	31,989.5
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	10,158.2	5,554.3	30,016.3
1928	6,926.8	497.4	345.5	6,083.9	54,638.1	5,024.0	4,230.2	45,383.9
1929	6,990.7	1,278.5	342.1	5,370.1	56,085.7	10,922.4	4,693.9	40,469.4
1930	6,080.4	708.7	345.2	5,032.5	42,835.9	8,364.4	4,775.6	29,695.9
1931	6,740.0	1,008.7	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	21,716.9
Coho or silver:								
1930	580.8	141.5	106.9	332.4	5,178.4	1,204.4	1,138.9	2,745.1
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
Chum or keta:								
1930	672.7	64.2	8.6	599.9	2,427.2	235.3	29.6	2,162.3
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
Humpback or pink:								
1930	3,207.8	19.2	----	3,188.6	13,369.0	80.6	----	13,288.4
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	6,043.0	6.0	----	6,037.0
King, chinook, or spring:								
1930	373.3	101.1	212.3	59.9	5,690.2	1,592.8	3,299.2	798.2
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
Red or sockeye:								
1930	1,233.7	376.3	5.9	851.5	15,899.8	5,074.4	124.4	10,701.0
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
Steelhead:								
1930	18.1	6.4	11.5	.2	271.3	86.9	183.5	.9
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	----

Source: Bureau of Fisheries, Department of Commerce.

No. 653.—ALASKA FISHERY INDUSTRIES: SUMMARY OF PRODUCTS

Product	Unit	Quantity in thousands of unit specified					Value in thousands of dollars				
		1920	1925	1930	1931	1932	1920	1925	1930	1931	1932
Total	----	----	----	----	----	----	41,492	40,089	37,679	33,595	25,029
Salmon:											
Canned	Case	4,429	4,460	5,032	5,404	5,254	35,603	31,990	29,695	29,096	21,716
Fresh and frozen	Pound	5,165	5,193	7,909	6,956	7,379	424	395	679	468	297
Cured, all forms	do	3,067	6,895	6,979	5,755	7,131	510	1,297	1,096	818	578
By-products	do	2,071	1,738	2,703	1,998	1,147	105	60	62	41	17
Halibut, fresh and frozen.	do	15,295	10,972	31,557	20,426	13,552	1,727	884	2,991	1,353	493
Herring:											
Fresh and frozen	do	----	----	79	237	----	----	----	4	10	----
Cured for food	do	8,582	35,171	8,765	8,339	13,363	542	2,323	496	492	639
Bait	do	4,085	7,087	9,298	7,608	6,487	41	39	103	77	48
By-products	do	11,186	34,806	50,002	31,968	38,011	720	1,490	1,531	949	487
Cod	do	12,764	2,854	322	415	197	1,117	129	17	24	6
Sablefish	do	584	1,043	449	279	87	29	45	21	13	2
Other fish	do	110	142	484	387	25	14	10	26	15	3
Shrimps	do	112	520	514	460	302	49	207	211	184	114
Crabs	do	8	206	107	121	319	2	53	35	42	91
Clams	do	222	2,066	853	1,108	879	47	492	242	313	447
Whales:											
Oil	do	8,317	7,224	7,084	----	5,574	436	556	417	----	77
Fertilizer	do	3,190	2,444	2,340	----	2,090	120	57	51	----	14
All other	do	18	797	43	----	----	6	12	2	----	----

Source: Bureau of Fisheries, Department of Commerce.

No. 654.—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	16,308	3,835	131	485	1,304	52	1,863	4.43	2.85	3.07	5.11	5.54
1916–1920	39,897	5,203	220	1,079	1,936	77	1,982	8.73	5.35	6.10	9.94	10.20
1918	51,042	6,606	219	1,365	2,439	49	2,534	9.15	6.27	6.58	9.85	9.44
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	20,096	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

No. 655.—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	38,682	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
1924	5,361,811	1,237,582	3,863,848	260,381	115.25
1925	5,301,862	1,050,393	4,114,514	136,954	135.01
1926	5,232,240	737,135	4,195,939	299,166	142.50
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

Species	1932			Species	1932		
	Eggs	Fry	Fingerlings		Eggs	Fry	Fingerlings
Catfish			12,185	Grayling		40	1
Buffalofish	255,255		601	Pike and pickerel			59
Common sucker	17,275			Mackerel		15,245	
Carp	227,400		20,021	Crappie			6,951
Shad		29,758		Largemouth black bass		1,342	2,157
Glut herring		55,000		Smallmouth black bass		857	244
Whitefish	5,000	64,880		Rock bass			77
Cisco		23,000					
Chinook salmon	24,880	1,450	45,850				
Chum salmon	400	17,878	314	Sunfish			10,357
Silver salmon	2,166	4,074	1,617	Pike perch	147,544	254,060	
Sockeye salmon	3,145	18,845	2,769	Yellow perch		181,892	384
Humpback salmon		8,862		Striped bass		1,676	
Steelhead salmon	1,143		1,380	White perch		7,000	
				White bass			16
Atlantic salmon	450		693	Rio Grande perch			16
Landlocked salmon	50	10	926				
Rainbow trout	5,898		8,055	Fresh-water drum			526
Golden trout	38		12	Cod	1,284,558	344,208	
Black-spotted trout	7,783	396	8,999	Haddock	723,909	76,242	
Lock Leven trout	14,822	3,167	5,154	Pollock		14,670	
Lake trout	875	23,500	1,255	Winter flounder	81,965	2,967,159	
Brook trout	1,213	1,874	14,811	Miscellaneous fishes			3,183

[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 654 and 655: 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 783, p. 725]

No. 656.—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	1914	2,111	687	1,424	(1)
1886–1890	541	248	292	1	1915	2,395	992	1,400	2
1891–1895	592	244	347	1	1916	3,508	1,621	1,884	3
1896–1900	828	366	461	1	1917	4,992	2,086	2,900	6
1901–1905	1,392	578	813	1	1918	5,541	2,153	3,381	7
1906–1910	1,887	769	1,118	(1)	1919	4,596	1,360	3,233	3
1911–1915	2,220	820	1,399	1	1920	6,981	1,762	5,214	5
1916–1920	5,124	1,796	3,322	5	1921	4,139	654	3,482	3
1921–1925	5,155	1,153	3,998	5	1922	4,647	987	3,656	4
1926–1930	5,556	1,273	4,275	9	1923	5,987	1,511	4,472	4
1905	1,624	703	921	(1)	1924	5,306	1,232	4,068	6
1906	1,901	886	1,015	(1)	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	1,284	4,092	9
1910	1,988	750	1,238	(1)	1929	5,887	1,476	4,401	10
1911	1,924	681	1,243	(1)	1930	4,766	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	2,443	284	2,153	6

[1] Less than $500,000.

Source: Bureau of Mines, Department of Commerce.

No. 657.—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*
1909	12.982	4.273	29.725	5.352	23.18	7.466	46.30	24.87
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	5.001	18.60	8.763	48.31	45.14
1915	17.275	4.673	38.590	13.054	34.13	30.280	87.01	47.13
1916	27.202	6.858	43.480	12.634	60.73	25.370	125.49	83.40
1917	27.180	8.787	61.802	8.730	51.25	20.690	106.30	102.82
1918	[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	42.604	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	30.46

[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, 1906–1932.

No. 658.—MINES AND QUARRIES, PRODUCING AND NONPRODUCING: PRINCIPAL STATISTICS FOR CONTINENTAL UNITED STATES, 1929

NOTE.—Statistics are not comparable with those for earlier years shown in the 1931 and previous issues of the Statistical Abstract owing to the exclusion of data for the petroleum and natural-gas industries (no data having been collected in 1929) and the inclusion of data for the sand and gravel, glass-sand, and moulding-sand industries (data having been collected for the first time in 1929)

	All enterprises	Producing enterprises	Nonproducing enterprises	
			Number or amount	Per cent of total
Number of enterprises	10,996	10,135	861	7.8
Number of mines and quarries	12,506	11,602	904	7.2
Persons engaged, total	870,480	863,948	6,532	.8
Proprietors and firm members	4,929	4,897	32	.6
Salaried employees	53,331	52,633	698	1.3
Wage earners (average for the year)	812,220	806,418	5,802	.7
Power equipment (total horsepower)	7,584,463	7,514,843	69,620	.9
Prime movers	2,780,116	2,743,025	37,091	1.3
Electric motors driven by purchased energy	4,804,347	4,771,818	32,529	.7
Principal expenses, total—1,000 dollars	1,675,944	1,661,168	14,776	.9
Salaries—do	139,023	137,639	1,384	1.0
Wages—do	1,099,895	1,091,990	7,905	.7
Contract work—do	17,914	17,056	857	4.8
Supplies—do	297,554	293,568	3,986	1.3
Fuel—do	49,364	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. 659. 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	882,329	952,565	863,948	841,952	—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	48,866	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	550,946	1,161,415	1,091,990	1,066,606	107.6	—8.2
Contract work	12,151	10,717	17,056	16,595	—11.8	54.9
Supplies and materials	196,530	331,627	293,568	280,623	120.3	—15.4
Fuel		74,082	49,146	44,693		—39.7
Purchased electric energy		27,230	71,769	66,416		143.9
Value of products (1,000 dollars)	1,052,569	2,226,671	2,392,831	2,280,384	111.5	2.4

[1] The figures for 1909, 1919, and 1929 have been adjusted to make them comparable.

Source of Tables 658 and 659: Bureau of the Census, Department of Commerce.

No. 660.—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	109	129	2,936	3,154	28,099	39,906	3,042	4,153	8,555	10,276
Massachusetts	79	77	1,704	2,207	12,493	26,741	2,089	3,657	4,176	8,571
Rhode Island	15	14	369	256	3,000	4,237	400	385	952	809
Connecticut	47	42	543	761	8,520	10,756	647	1,220	1,649	3,810
Middle Atlantic	3,757	2,402	324,242	282,913	1,723,094	2,294,998	446,802	413,541	777,718	717,793
New York	147	206	5,334	5,021	61,143	102,389	6,410	7,480	15,230	24,272
New Jersey	102	71	4,576	2,906	33,901	50,171	5,393	4,309	9,309	11,100
Pennsylvania	3,508	2,129	314,332	275,138	1,628,050	2,143,828	434,999	401,988	753,179	683,531
East North Central	2,324	1,823	181,733	115,863	953,714	1,141,215	227,541	154,018	401,132	318,842
Ohio	1,064	744	44,175	25,500	184,271	182,003	51,767	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	52,104	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	3,834	7,242	10,527
Nebraska	9	8	162	137	1,847	1,605	166	182	293	460
Kansas	238	257	9,831	7,061	38,101	67,665	12,333	8,104	21,823	20,688
South Atlantic	1,976	1,481	117,405	130,236	510,985	971,549	136,880	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	9,690	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	604,530	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	1,293	4,656	18,470	680	930	1,351	3,093
Georgia	82	81	2,397	3,665	12,996	34,389	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	120,898	491,635	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	253	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	78,898	700,398	980,410	127,506	132,711	299,454	397,995
Montana	269	169	16,091	14,575	143,473	201,749	25,666	25,718	49,666	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	49,864	50,855	11,000	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	13,320	12,271
Oregon	52	44	740	635	6,264	7,249	993	958	1,885	2,410
California	357	340	7,000	6,859	93,124	110,019	9,381	10,382	24,752	30,599

Source: Bureau of the Census, Department of Commerce.

No. 661.—PRODUCING MINES AND QUARRIES: SUMMARY BY INDUSTRIES, CONTINENTAL UNITED STATES

NOTE.—Figures for 1919 and 1929 for the limestone, sandstone, abrasive materials, and silica industries are not strictly comparable, owing to the inclusion or exclusion of data for 1929 not similarly treated for 1919. For the limestone industry, data for quarrying operations of lime and cement manufacturers are included in the figures for 1929 but not in those for 1919. For the sandstone industry, data for enterprises whose product was ground into glass or molding sand, or used as refractory materials (siliceous mica schist and ganister), etc., are included in the figures for 1919 but excluded from those for 1929 and included in the figures for the glass-sand, molding-sand, abrasive-materials, or silica industries, according to the nature and purpose of the final product. Data for diatomaceous earth are included in the figures for abrasive materials in 1919 and in those for silica in 1929

[Wages and value of products in thousands of dollars]

Industry	Number of mines and quarries		Wage earners (average for the year)		Horsepower		Wages		Value of products	
	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929
All industries [1]	13,731	10,277	888,355	788,357	4,900,102	6,970,091	1,161,415	1,066,606	2,226,871	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	26,907	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	12,640	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	60	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	3,040	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 not include data for the glass-sand, molding-sand, and sand and gravel industries, no data having been collected for these industries in 1919.

[2] Distributed among other stones.

[3] Emery; garnet and industrial sapphires and diamonds; grinding pebbles and tube-mill lining; grindstones, oilstones, whetstones, scythestones, and rubbing stones; pumice and volcanic ash (pumicite).

[4] Bauxite, molybdenum, titanium, tungsten, vanadium.

[5] Diatomaceous earth, ganister, quartz, quartzite, silica rock, silica sand, siliceous mica schist, tripoli.

[6] Borates, cyanite, graphite, lithium minerals (amblygonite, lepidolite, and spodumene), mineral pigments, tantalum, vermiculite.

Source: Bureau of the Census, Department of Commerce.

No. 662.—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	Per cent
All industries [1]	10,099	11,588	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	1,185	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	28,518	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	2,603	16.7
251 to 500	1	1		

[1] Exclusive of 36 enterprises operating 36 mines which employed no wage earners.

No. 663.—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	28,506	528,394	144,091	7,324
Coal, anthracite	142,801	912		30	3,186	138,226	*447*	(x)
Coal, bituminous	*447,125*	49,602	*5,587*	*26,842*	*14,589*	*320,718*	29,427	360
Copper	*44,234*	(x)			(x)	24,416	*19,818*	
Limestone	31,578	*118*	(x)	450	307	4,052	25,652	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*	*2,361*	(x)
Sandstone	2,058	(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

(x) Number of hours not reported.

Source of Tables 662 and 663: Bureau of the Census, Department of Commerce.

No. 664.—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 1932 are estimates. Blank spaces indicate absence of data in most cases; method of computing total value is indicated by footnotes. Short tons are 2,000 pounds; long tons, 2,240 pounds

Product	Quantity						Value in thousands of dollars					
	1915	1920	1925	1930	1931	1932	1915	1920	1925	1930	1931	1932
METALLIC												
Aluminum ..... 1,000 pounds		138,000	140,000	229,035	177,544	104,885	16,280	41,375	36,430	50,961	37,284	20,453
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)	[3] 1,776	[2] 2,374	[2] 473	[2] 918	[2] 258	(3)	(3)
Bauxite ..... long tons	297,041	521,308	316,540	330,612	195,895	96,349	1,515	3,247	1,988	1,928	1,141	548
Cadmium ..... pounds	91,415	129,283	502,824	2,777,762	1,050,529	799,501	108	151	277	1,778	410	(4)
Chromite ..... long tons	3,281	2,502	108	80	268	155	37	45	2	2	4	2
Copper, [5] sales value ..... 1,000 pounds	1,388,010	1,209,061	1,674,870	1,394,389	1,042,711	544,010	242,902	222,467	237,832	181,271	94,887	34,273
Ferro-alloys ..... long tons	388,644	612,808	616,222	650,240	398,295	218,646	17,450	77,519	53,048	51,900	30,765	14,004
Gold ..... 1,000 troy ounces	4,888	2,476	2,412	2,286	2,396	2,449	101,036	51,187	49,860	47,248	49,527	50,626
Iron:												
Ore [6] ..... 1,000 long tons	55,493	60,281	63,925	55,201	28,516	5,331	[6] 101,289	[6] 285,006	[6] 100,797	[6] 145,619	[6] 74,124	[6] 12,898
Pig ..... do	30,384	35,710	36,315	29,905	17,813	8,518	401,410	1,140,904	739,316	512,165	235,147	126,093
Lead (refined) [5] sales value ..... short tons	507,026	476,849	654,921	573,740	390,260	255,337	47,660	76,296	113,956	57,374	28,879	15,320
Manganese ore (35 per cent or more Mn.) ..... long tons	9,613	94,420	98,324	67,035	39,242	17,777	113	2,396	1,858	1,437	699	377
Manganiferous ore (5 to 35 per cent Mn.) ..... long tons	195,735	767,664	1,448,054	785,390	281,414	25,434	817	2,428	3,752	2,402	977	92
Mercury, metal ..... flasks (76 pounds net)	20,756	13,216	9,053	21,553	24,947	12,622	1,805	1,067	763	2,479	2,179	731
Mercury ore ..... short tons	159,000	109,000	65,000	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Nickel (value at New York City) ..... do	822	365	272	308	373	195	538	293	170	214	202	89
Ores (crude), tailings, etc.:												
Copper ..... 1,000 short tons	43,404	36,765	53,262	47,382	34,049	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Copper-lead and copper-lead zinc ..... do	11	27	229	246	213	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Dry and siliceous (gold and silver) ..... do	12,687	8,590	8,995	7,767	8,329	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Lead ..... do	7,497	7,200	8,560	8,080	6,043	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Lead-zinc ..... do	18,176	12,383	17,741	10,645	5,427	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Zinc ..... do		2,651	3,411	5,980	4,500	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Platinum and allied metals (value at New York City) ..... troy ounces	8,665	41,544	49,643	43,502	36,205	17,616	479	4,698	5,662	2,049	1,274	592
Silver ..... 1,000 troy ounces	74,961	55,362	66,155	50,748	30,932	23,981	37,397	60,802	45,912	19,538	8,970	6,763
Tin (metallic equivalent) ..... short tons	102	22	14	17	4	(8)	79	22	16	10	2	(8)
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 concentrate) ..... do	2,332	216	1,190	702	1,404	396	4,100	102	756	509	928	218
Uranium and vanadium ores ..... do		35,076	13,070	(4)	(4)	(4)	694	2,401	331	(4)	(4)	(4)
Zinc, [6] sales value ..... do	458,135	450,045	555,631	480,361	291,996	207,148	113,617	72,907	84,456	46,970	22,192	12,420
Total metallic products (approximate)							991,730	1,762,350	1,380,280	982,550	567,200	283,700

No. 664.—Mineral Products of the United States: Quantities and Values—Continued

Products	Quantity						Value in thousands of dollars					
	1915	1920	1925	1930	1931	1932	1915	1920	1925	1930	1931	1932
NONMETALLIC												
Arsenious oxide ..... short tons	5,498	11,502	12,317	17,425	13,777	12,483	302	2,021	1,199	1,008	797	651
Asbestos ..... do	1,731	1,648	1,258	4,242	3,228	3,559	77	678	52	289	119	105
Asphalt:												
Native ..... do	740,254	898,993	534,850	702,777	503,383	340,019	5,242	13,199	4,148	4,463	2,930	1,943
Oil (including road oil) ..... do			1,206,700	2,273,546	2,206,568	2,308,785			[5] 15,306	[6] 21,570	[6] 16,615	[6] 14,898
Barite (crude) ..... do	108,547	228,113	228,063	234,932	174,520	129,854	381	2,142	1,703	1,538	995	746
Borates ..... do	67,003	120,320	113,700	177,360	178,550	181,915	1,677	2,173	3,086	5,352	4,931	3,024
Bromine ..... 1,000 pounds	856	1,161	1,566	8,463	8,935	5,728	856	745	488	2,110	1,855	1,183
Calcium-magnesium chloride ..... short tons	20,535	27,849	67,870	116,100	86,156	66,286	131	539	1,387	2,208	1,687	1,163
Cement ..... 1,000 bbls. (376 lbs. net)	87,685	97,079	159,047	160,846	128,377	81,130	75,155	195,690	281,076	231,249	142,580	81,500
Clay:												
Products							160,080	373,670	[9] 423,447	[9] 275,134	[9] 177,562	[10]
Raw ..... 1,000 short tons	2,363	3,116	4,030	3,903	2,519	1,618	[6] 3,972	[9] 11,614	[5] 12,737	[5] 12,521	[6] 8,352	[6] 5,636
Coal:												
Bituminous [11] ..... do	442,624	568,667	520,053	467,526	382,089	305,667	502,038	2,129,933	1,060,402	795,483	588,895	416,000
Pennsylvania anthracite ..... do	88,995	89,598	61,817	69,385	59,046	49,900	184,653	434,252	327,665	354,574	296,355	222,000
Coke [6] ..... do	41,581	51,345	51,267	47,972	33,484	21,913	[6] 105,504	[6] 494,246	[6] 262,559	[6] 209,137	[6] 161,609	[6] 105,787
Diatomite and tripoli ..... short tons	35,304	102,155	102,418	[12] 32,439	[12] 26,682	[12] 14,775	107	1,649	1,357	[13] 508	[12] 310	[12] 233
Emery ..... do	3,063	2,327	769	555	512	250	31	22	6	6	6	3
Feldspar (crude) ..... long tons	93,855	135,551	185,706	171,788	147,119	104,715	489	851	1,316	1,067	861	540
Fluorspar ..... short tons	136,941	186,778	113,669	95,849	53,484	25,251	764	4,719	2,052	1,747	931	392
Fuller's earth ..... do	47,901	128,487	206,574	335,644	288,400	252,902	489	2,506	2,924	4,327	3,056	2,441
Garnet for abrasive purposes ..... do	4,301	5,476	8,429	5,003	2,946	1,950	140	434	713	314	193	147
Gems and precious stones							170	265	[13]	[13]	[13]	[13]
Graphite:												
Amorphous ..... short tons	1,181	4,694	3,536	1,941	[4]	[4]	12	50	40	21	[4]	[4]
Crystalline ..... 1,000 pounds	7,074	9,632	2,257	[4]	[4]	[4]	417	576	57	[4]	[4]	[4]
Grindstones and pulpstones ..... short tons		53,484	37,340	18,700	8,724	7,668	648	1,707	1,706	771	342	247
Gypsum ..... 1,000 short tons	2,448	3,129	5,678	3,471	2,559	1,355	6,597	24,533	47,577	27,051	20,801	12,408
Lime ..... do	3,623	3,570	4,581	3,388	2,708	1,956	14,424	37,544	42,609	25,616	18,675	12,108
Magnesite (crude) ..... short tons	30,499	303,767	120,660	129,320	73,602	38,462	274	2,748	1,433	1,033	499	283
Mica:												
Scrap ..... do	3,959	5,723	9,695	6,732	6,621	7,183	51	167	174	109	99	79
Sheet ..... 1,000 pounds	554	1,683	1,794	1,465	963	304	378	547	322	177	112	40
Millstones							53	63	22	18	5	4
Mineral paints:												
Natural pigments [14] ..... short tons	57,442	[14]	[14]	[14]	[14]	[14]	552	[14]	[14]	[14]	[14]	[14]
Zinc and lead pigments [15] ..... do	141,383	143,244	199,190	147,948	123,963	92,812	14,962	24,565	28,311	18,420	15,225	9,821
Mineral waters ..... 1,000 gallons	52,114	36,218	[13]	[13]	[13]	[13]	5,139	4,861	[13]	[13]	[13]	[13]
Natural gas ..... 1,000,000 cu. ft	628,579	798,210	1,188,571	1,943,421	1,686,436	1,618,000	101,312	196,194	265,271	416,090	392,816	357,000
Natural gasoline ..... 1,000 gallons	65,365	384,744	1,127,470	2,210,494	1,931,918	1,502,490	5,151	71,788	120,383	128,160	63,732	47,629

For footnotes see p. 657.

NONMETALLIC—continued												
Oilstones, etc.—short tons		1,144	970	651	370	331	115	232	272	137	82	64
Peat—do	42,284	73,204	72,436	(13)	(13)	(13)	289	922	453	(13)	(13)	(13)
Petroleum—1,000 barrels (42 gals.)	281,104	442,929	763,743	898,011	851,081	781,845	179,463	1,360,745	1,284,980	1,070,200	550,630	680,000
Phosphate rock—1,000 long tons	1,836	4,104	3,482	3,926	2,535	1,701	5,413	25,080	11,546	13,997	9,288	5,505
Potash (K_2O)—short tons	1,090	41,444	25,802	56,610	63,770	55,620	342	7,463	1,204	2,986	3,087	2,103
Pumice—do	27,708	41,838	40,380	56,843	68,819	53,214	63	114	179	336	339	235
Pyrites—long tons	394,124	310,777	170,081	[10] 347,512	[16] 330,848	[16] 186,485	1,675	1,597	650	[16] 1,029	[16] 975	[16] 492
Salt—1,000 short tons	5,352	6,840	7,398	8,054	7,358	6,447	11,748	29,894	26,162	25,009	21,541	19,468
Sand:												
Glass—1,000 short tons	1,884	2,166	2,335	1,849	1,678	89,000	1,607	4,749	3,836	3,211	2,779	46,280
Molding, building, etc., and gravel—do	74,719	79,875	169,667	195,203	151,801		21,515	60,913	103,706	111,966	83,501	
Sand-lime brick—thousands	179,643	160,761	[9]315,595	[9] 191,103	[9] 143,673	[9] 52,853	1,135	2,490	[9] 3,781	[9] 1,951	[9] 1,237	[9] 433
Silica (quartz)—short tons	112,575	68,190	25,444	13,156	7,851	7,487	274	320	205	121	69	59
Slate—do		468,700	724,600	463,610	368,420	272,400	4,959	8,726	12,575	7,912	5,498	2,990
Stone—1,000 short tons		78,527	115,851	126,996	97,933	66,234	74,595	133,542	174,217	178,949	135,086	84,050
Sulphur—1,000 long tons	294	1,518	1,858	1,990	1,377	1,109	4,959	30,000	29,000	35,800	24,800	20,000
Sulphuric acid (60° Baumé) from copper and zinc smelters—1,000 short tons	[17] 905	[17] 1,230	1,007	1,188	863	600	7,621	13,617	7,513	9,544	6,492	4,029
Talc and soapstone—short tons	186,891	210,635	[18] 182,256	[18] 179,385	[18] 163,752	[18] 123,221	[18] 1,892	[18] 3,035	[18] 2,012	[18] 2,108	[18] 1,852	[18] 1,362
Total nonmetallic products (approximate)							**1,400,484**	**5,214,170**	**4,291,100**	**3,773,400**	**2,592,100**	**2,153,300**
SUMMARY OF VALUES												
Metallic products							991,730	1,762,350	1,380,280	982,550	567,200	283,700
Nonmetallic products (exclusive of fuels)							427,867	1,021,260	1,232,420	1,008,900	699,700	430,700
Mineral fuels							972,617	4,192,910	3,058,680	2,764,500	1,892,400	1,722,600
"Unspecified" (metallic and nonmetallic) products partly estimated							2,430	4,820	6,250	8,850	7,300	6,000
Grand total (approximate)							**2,394,644**	**6,981,340**	**5,677,630**	**4,764,800**	**3,166,600**	**2,443,000**

[1] From both domestic and foreign ores. No comparable data for 1931 and 1932; 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 figures for 1931 and value for 1932.

[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] Value not included in total value, since value of product derived therefrom, or of raw material used, is accounted for under other items.

[7] Figures not available. Value of products derived therefrom, or of raw materials used, is included elsewhere.

[8] Quantity, 1,000 pounds; value, $220.

[9] Figures obtained through cooperation with Bureau of the Census.

[10] Figures not yet available. Estimate of value included in total value of nonmetallic products.

[11] Includes brown coal and lignite and anthracite mined elsewhere than in Pennsylvania.

[12] Tripoli only. Value of diatomite is included in total value of nonmetallic products. Bureau of Mines not at liberty to publish figures.

[13] No canvass. Estimate of value included in total value of nonmetallic products.

[14] Canvass discontinued after 1915. Value of iron ore sold for paint included under "Unspecified."

[15] Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.

[16] Figures include pyrites concentrates from Tennessee and partly desulphurized tailings from zinc operations in Wisconsin; similar output in 1915 to 1925 was not included.

[17] In 1915 includes 59,189 tons and in 1920, 23,728 tons of stronger acid, not converted to 60° Baumé.

[18] Talc only. Value of soapstone is included in value of nonmetallic products. Bureau of Mines not at liberty to publish figures.

Source: Bureau of Mines, Department of Commerce.

No. 665.—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	1925	1926	1927	1928	1929	1930	1931
Continental United States	4,965,430	5,485,743	4,888,556	4,722,136	5,164,963	4,249,935	2,854,196
New England	48,452	50,707	48,531	49,053	49,101	40,619	32,370
Maine	5,839	5,786	5,476	5,923	6,749	6,228	4,889
New Hampshire	3,465	4,145	3,447	3,816	3,726	3,337	2,796
Vermont	14,409	14,955	14,703	14,649	14,603	11,637	8,422
Massachusetts	16,832	16,787	16,295	16,234	16,031	12,723	11,170
Rhode Island	1,152	1,339	1,311	831	940	1,209	793
Connecticut	6,755	7,695	7,299	7,600	7,053	5,485	4,300
Middle Atlantic	1,045,993	1,244,848	1,122,074	1,060,381	1,074,167	935,351	714,283
New York	102,036	112,016	112,210	108,026	109,361	99,622	78,007
New Jersey	76,761	77,066	73,091	70,865	71,892	57,206	41,633
Pennsylvania	867,196	1,055,766	936,773	881,490	892,914	778,523	594,643
East North Central	732,417	781,391	860,742	642,488	676,012	543,627	364,475
Ohio	247,507	253,884	226,963	211,041	220,061	186,972	130,928
Indiana	111,834	118,692	107,578	98,584	96,962	79,227	50,852
Illinois	231,659	237,242	180,394	188,099	182,791	148,311	108,066
Michigan	122,212	130,861	124,030	123,326	151,976	111,406	62,786
Wisconsin	19,205	20,712	21,777	20,938	24,222	17,711	11,843
West North Central	398,168	423,120	347,534	348,016	392,950	325,710	192,733
Minnesota	110,253	118,361	102,973	108,275	136,350	103,931	55,275
Iowa	35,420	35,972	33,426	35,499	35,055	33,358	21,615
Missouri	92,548	90,004	75,890	74,981	78,948	69,074	41,806
North Dakota	2,662	2,805	2,870	3,083	3,466	3,056	2,271
South Dakota	7,972	7,595	8,464	9,443	8,914	11,076	11,339
Nebraska	3,359	3,322	3,542	3,455	4,845	4,962	3,623
Kansas	142,944	165,061	120,369	113,280	124,472	100,253	56,804
South Atlantic	443,785	519,412	481,112	440,631	450,973	380,543	289,819
Delaware	539	378	493	482	467	425	395
Maryland	21,558	24,067	20,469	18,418	18,470	14,000	11,330
District of Columbia	955	987	1,375	1,031	1,065	1,288	282
Virginia	41,038	46,136	41,323	38,770	39,753	34,603	26,150
West Virginia	333,528	395,942	366,643	336,637	346,565	290,119	221,735
North Carolina	9,504	10,993	11,704	11,480	10,064	7,462	5,554
South Carolina	3,508	3,077	4,251	4,046	3,592	3,341	3,031
Georgia	16,504	17,480	16,758	14,740	15,294	12,831	10,291
Florida	16,651	19,752	18,096	15,227	14,804	15,484	10,851
East South Central	249,551	271,658	271,694	243,628	241,344	201,427	140,088
Kentucky	131,371	146,768	152,614	131,970	132,650	111,691	75,150
Tennessee	38,869	39,297	37,875	30,217	40,720	32,499	24,043
Alabama	77,139	83,710	78,641	69,807	65,402	55,462	38,507
Mississippi	2,172	1,883	2,554	2,634	2,573	1,775	2,388
West South Central	1,000,669	1,136,798	1,009,814	967,071	1,116,555	947,374	564,627
Arkansas	87,186	84,486	59,449	45,010	41,325	34,901	18,692
Louisiana	60,504	62,204	51,267	56,810	62,726	71,929	61,693
Oklahoma	501,767	569,519	524,595	486,634	516,685	390,171	182,041
Texas	351,212	420,587	374,503	378,617	495,820	450,373	302,201
Mountain	519,273	526,261	458,780	493,577	579,548	369,988	231,619
Montana	79,261	79,763	68,265	74,752	93,842	50,995	32,360
Idaho	31,611	31,753	29,184	28,589	32,143	22,904	13,177
Wyoming	78,755	78,988	56,167	52,951	51,237	46,735	30,893
Colorado	63,149	65,597	58,855	58,595	55,332	46,271	32,970
New Mexico	25,549	28,514	28,609	30,427	37,128	31,850	25,350
Arizona	114,203	115,048	100,559	116,000	157,960	82,934	41,603
Utah	100,275	98,985	90,388	97,381	115,131	64,224	40,302
Nevada	25,470	27,613	26,753	34,882	36,776	24,075	14,964
Pacific	527,132	551,550	486,284	463,068	584,313	505,296	324,385
Washington	22,382	21,257	21,966	22,120	22,435	20,076	14,801
Oregon	7,827	6,941	6,821	6,687	6,877	6,170	5,045
California	496,923	523,352	459,497	434,261	555,001	479,050	304,539
Alaska	18,286	17,607	14,402	14,024	15,947	13,707	12,371

Source: Bureau of Mines, Department of Commerce.

No. 666.—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			537
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
1918	69,658	72,021	1,256	787
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	69,293	869	2,555
1927	61,741	61,232	899	2,621
1928	62,197	63,433	1,282	2,453
1929	73,028	75,603	1,304	3,139
1930	58,409	55,201	752	2,775
1931	31,132	28,516	430	1,486
1932	9,847	5,331	83	582

Production	1929	1930	1931	1932
REGION				
Lake Superior [1]	62,825	49,383	25,877	8,139
Birmingham	6,282	5,552	3,495	1,336
All other	3,921	3,474	1,760	371
STATE				
Alabama	6,453	5,738	3,615	1,375
Michigan	15,456	13,544	7,553	2,555
Minnesota	45,761	34,518	17,445	5,154
Missouri	169	133	112	30
New Mexico	172	173	168	
New Jersey	281	395	294	31
New York	822	889	275	31
Pennsylvania	1,092	965	368	103
Utah	325	279	184	137
Wisconsin	1,609	1,321	880	430
Wyoming	639	320	181	
All other	248	133	57	1
KIND				
Hematite	[2,3]69,849	[2,3]55,266	[3] 29,665	[3] 9,622
Brown ore	[2] 776	[2] 720	360	62
Magnetite	[3] 2,401	[3] 2,421	[3] 1,105	[3] 163
Carbonate	2	1	1	(4)

[1] Includes only those mines in Wisconsin which are in true Lake Superior district.
[2] Some hematite included with brown ore. [3] Some hematite included with magnetite. [4] 477 tons.

No. 667.—ANALYSIS OF PIG IRON AND FERRO-ALLOY PRODUCTION

[In thousands of long tons (2,240 pounds) unless otherwise specified]

	1900	1905	1910	1915	1920	1925	1929	1930	1931	1932
Total pig iron and ferro-alloys	13,789	22,992	27,304	29,916	36,926	36,701	42,814	31,752	18,426	8,781
By States:										
New England	14	16	17	8	10					
New York, New Jersey	463	1,509	2,203	2,105	2,601	2,188	3,025	2,211	1,275	710
Pennsylvania	6,366	10,579	11,272	12,791	13,983	12,523	14,453	10,305	5,233	2,188
Maryland and Virginia	781	842	771	503	953	830	1,166	1,088	692	380
Alabama	1,184	1,604	1,939	2,049	2,393	2,836	2,710	2,305	1,671	667
Ohio	2,471	4,586	5,752	6,913	8,533	8,863	9,796	6,805	4,189	2,412
Illinois	1,363	2,034	2,676	2,447	3,281	3,604	4,358	3,345	1,965	919
Indiana, Michigan	164	289	1,250	1,987	2,940	4,120	5,086	3,934	2,328	1,035
Wisconsin, Minnesota	185	351	307	373	711	468	379			
Iowa, Colorado, Utah	798	1,182	1,117	741	1,520	505	638	805	317	164
All other						762	1,003	865	756	306
By disposition:										
For sale	(1)	(1)	(1)	8,583	10,724	8,991	9,635	7,083	4,339	1,877
For maker's use	(1)	(1)	(1)	21,333	26,202	27,710	32,979	24,670	14,087	6,904
By kinds:										
Basic	1,072	4,105	9,085	13,093	16,738	19,667	24,912	18,303	10,174	5,074
Bessemer	7,979	12,407	11,246	10,523	12,062	9,419	9,877	7,315	4,636	2,220
Foundry (incl. ferrosilicon)	3,376	4,758	5,260	4,844	5,958	5,410	4,787	3,960	2,345	936
Malleable	173	635	843	830	1,311	1,554	2,313	1,572	946	420
Forge	793	728	564	316	318	241	168	51	36	2
Ferromanganese, spiegeleisen, and all other	395	359	306	310	539	409	557	461	289	129
By fuels:										
Coke [2]	11,728	20,965	26,258	29,535	36,300	36,504	42,476	31,656	18,380	8,766
Anthracite	1,677	1,675	649	85	303					
Charcoal	384	353	397	296	323	196	138	97	46	15
Materials used:										
Iron ore, briquettes, etc	24,131	41,525	51,739	55,137	66,450	65,450	[3] 73,059	[3] 53,662	[3] 29,668	[3] 12,788
Cinder, scale, etc	1,600	(1)	2,800	4,483	4,986	5,017	[3] 7,434	[3] 6,296	[3] 3,762	[3] 2,188
Coke (1,000 tons of 2,000 pounds) [4]	(1)	(1)	(1)	33,329	42,046	39,296	[3] 42,403	[3] 31,168	[3] 17,738	[3] 8,337
Limestone	7,422	11,627	14,528	14,790	17,825	15,154	[3] 15,603	[3] 11,099	[3] 6,209	[3] 2,951
Total number of furnaces	406	424	473	445	452	395	316	300	288	279
Furnaces in blast Dec. 31	232	313	206	310	216	328	165	97	61	44

[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 666, Bureau of Mines, Department of Commerce; Table 667, American Iron and Steel Institute.

No. 668.—PRODUCTION, EXPORTS, AND IMPORTS OF PIG IRON (INCLUDING FERRO-ALLOYS) AND PRODUCTION OF STEEL INGOTS AND CASTINGS

NOTE.—In long tons (2,240 pounds). Prior to 1901 exports and imports are for years ended June 30 following year specified; calendar years thereafter. All production figures are for calendar years. For individual years 1871 and 1906 and data for earlier years, see Statistical Abstract 1931, Table 750

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	137,501	[1] 389,799	1916	39,434,707	607,236	135,349	42,773,680
1876–1880	2,562,763	3,407	276,600	803,479	1917	38,621,216	656,220	76,786	45,060,607
1881–1885	4,301,096	5,311	325,290	1,652,268	1918	39,054,644	269,575	34,711	44,462,432
1886–1890	7,079,312	12,407	229,970	3,202,763	1919	31,015,364	321,261	101,665	34,671,232
1891–1895	8,183,013	22,983	54,778	4,675,736	1920	36,925,987	216,828	185,944	42,132,934
1896–1900	11,491,937	224,268	34,308	8,439,938	1921	16,688,126	28,405	44,842	19,783,797
1901–1905	18,239,665	45,465	314,765	15,367,931	1922	27,219,904	33,332	498,059	35,602,926
1906	25,307,191	83,317	379,828	23,398,136	1923	40,361,146	37,559	474,723	44,943,696
1907	25,781,361	73,703	489,475	23,262,594	1924	31,405,790	45,818	276,966	37,931,939
1908	15,936,018	45,696	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	36,505,645	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	223,689	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

[1] 1875 only.

No. 669.—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	1931	1932
Rolled products, total	16,840	21,621	24,393	32,348	33,387	29,513	19,176	10,451
Rails	3,376	3,636	2,204	2,604	2,785	1,873	1,158	403
Bessemer	3,192	1,884	327	143	10	2	1	(1)
Open hearth	183	1,751	1,775	2,334	2,692	1,835	1,136	393
Rerolled			102	127	84	36	21	9
Sheets and plates	3,532	4,055	6,078	9,338	9,806	9,087	6,040	3,443
Universal			955	1,250	1,196	1,041	615	310
Sheared			1,923	3,505	2,557	2,622	1,351	520
Black sheets [2]			1,837	2,886	4,097	3,512	2,461	1,472
Black plates for tinning			1,093	1,449	1,632	1,092	1,431	1,000
Other black-plate specialties			270	247	325	201	181	142
Wire rods	1,809	2,242	3,096	3,137	2,845	2,349	1,845	1,186
Structural shapes	1,661	[3] 2,267	2,437	3,307	3,604	3,512	2,063	937
Merchant bars	3,594	3,786	4,131	6,130	5,659	4,138	2,444	1,314
Skelp	1,436	1,828	2,299	3,220	3,230	2,682	1,499	608
Hoops	446	262	282	333	205	80	56	43
Bands and cotton ties		425	438	389	356	46	57	38
Splice and fish-plate bars			536	576	823	606	390	148
Rolled forging blooms, billets, etc.	42	460	651	447	345	304	115	76
Bars for reinforced concrete work	946	241	363	572	820	850	644	386
Hot-rolled strips and flats for cold rolling						1,941	1,621	1,185
Blanks or pierced billets for seamless tubes		1,519	1,888	2,294	2,908	1,248	733	370
All other rolled products						814	511	315
Miscellaneous products:								
Tin plate (million pounds)		1,450	2,202	3,080	3,459	3,719	3,119	2,209
Terneplates (million pounds)		168	163	158	255	231	149	104
Galvanized sheets (million pounds)			1,582	1,871	2,539	2,341	1,707	1,151
Galvanized formed products (million pounds)			112	144	178	146	112	87
Wire nails (thousands of kegs [4])	10,855	12,705	14,583	16,450	15,454	9,561	7,583	5,394
Cut nails (thousands of kegs [4])	1,358	1,005	775	845	736	460	317	286
Wrought pipe, incl. boiler tubes			1,920	3,003	3,031	2,247	1,121	485
Boiler tubes			97	119	63	31	17	9
Seamless steel tubes			140	292	568	1,194	717	338
Cast-iron pipe (1,000 short tons [5])			1,215	887	1,925	1,436	1,129	523
Forgings made by rolling mills		320	624	540	388	476	173	93

[1] Less than 500 tons. [2] Rolled on sheet or jobbing mills. [3] Small structural forms not included.
[4] Of 100 pounds. [5] Of 2,000 pounds.

Source of Tables 668 and 669: American Iron and Steel Institute.

No. 670.—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[1] bar production
		Production	Exports	Imports	Production	Exports	Imports	
1876–1880		911,095	4,441	59,851				
1881–1885		1,273,688	3,986	116,972				
1886–1890	[2] 5,278,214	1,710,278	7,275	49,775	[3] 684,914		8,013	
1891–1895	5,472,849	1,264,677	13,650	1,047	755,818	1,510	23,894	
1896–1900	8,162,560	1,881,905	232,518	2,399	1,463,879	30,995	4,771	
1901–1905	13,670,907	2,895,138	225,746	43,207	2,694,625	39,505	6,167	[3] 3,593,601
1906–1910	18,509,490	3,238,486	303,234	3,963	4,054,102	158,591	4,090	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	480,553	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	4,484,650
1916	32,380,389	2,854,518	540,828	26,299	7,453,980	515,558	1,730	6,691,702
1917	33,067,700	2,944,161	512,609	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	9,067,366	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	79,477	[4] 22,252	1,699,501

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] 12,856	1,263,396
1906–1910	1,668,674	2,050,732	13,403	15,400	1,936,951	121,086	11,107	2,074,934
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	2,340,487	288,164	3,120	3,535,544
1913	2,501,964	2,464,807	61,637	16,098	3,004,972	403,204	11,659	3,288,404
1914	1,982,481	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	2,674,251	3,137,138	181,941	1,060	3,110,000	294,150	6,216	6,253,413
1918	2,504,011	2,552,390	148,523	7,677	2,849,969	232,729	3,504	6,251,988
1919	2,555,778	2,538,476	118,010	342	2,614,030	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	3,651,361
1925	3,229,768	2,844,656	21,207	7,988	3,604,130	169,252	77,201	4,636,588
1926	3,704,550	2,722,032	19,646	10,075	3,911,063	233,050	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	38,619	19,298	4,096,143	296,885	103,762	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	3,612,473	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

[1] Includes concrete reinforcing bars.
[2] Average for years 1887–1890.
[3] 1905 only; data not available for earlier years.
[4] Includes skelp.
[5] Average for years 1892–1895.
[6] Average for period July 1, 1897, to Dec. 31, 1900.
[7] Average for period July 1, 1903, to Dec. 31, 1905.
[8] Small structural forms not included.

Source: American Iron and Steel Institute (exports and imports compiled from Government statistics).

No. 671.—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	Unit	Quantity in thousands of unit specified			Value in thousands of dollars		
		1927	1929	1931	1927	1929	1931
STEEL WORKS AND ROLLING MILLS							
All products, total value					2,779,840	3,365,739	1,402,843
Unrolled steel, total	Ton [1]	44,757	56,161	25,896			
Ingots—							
For sale and interplant transfer	do	437	661	243	12,679	17,150	5,548
Produced and consumed in works	do	43,337	54,133	25,193			
Direct steel castings—							
For sale and interplant transfer [2]	do	888	1,212	371	145,085	191,398	59,557
Produced and consumed in 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	161,673
Blooms, billets, and slabs, except for forging.	do	6,162	7,362	3,107	205,908	244,792	91,110
Rolled blooms and billets for forging	do	113	269	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	86	17	2,359	3,893	778
Finished rolled products and forgings, total. [3]	do	32,154	39,883	18,396			
Produced and consumed in works	do	8,416	9,532	5,199			
For sale and interplant transfer	do	23,738	30,351	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	4,469	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	3,096
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	228,286	75,853
Sheets No. 13 and thinner	do	2,982	4,041	2,021	227,083	306,936	125,920
Skelp	do	1,241	1,271	619	50,605	50,121	21,320
Hot-rolled strips for cold rolling	do	1,255	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	12,030	2,230
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	24,210
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					1,080,248	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	88,466	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	407,990	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. 663.

No. 671.—Products of Steel Works and Rolling Mills, and of the Wire, Tin-Plate, and Cast-Iron Pipe Industries—Continued

Industry and product	Quantity in thousands of unit specified				Value in thousands of dollars		
	Unit	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	44,035	22,532
Tacks [10]	Lb	7,135	6,540	2,620	690	640	218
Staples	do	49,379	58,879	44,803	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	3,593
Wire springs					32,187	47,903	26,686
Welding wire, including electrodes							2,790
Other fabricated iron and steel wire products.					[13] 41,868	42,872	25,361
Nonferrous-wire products—							
Fly screening—							
Copper	Lb	(8)	4,993	2,697	8,796	1,708	780
Other metals	do	(8)	10,211	7,132		3,386	2,381
Fourdrinier and cylinder wire cloth.	do	(8)	3,108	1,899		4,765	3,082
Other wire cloth—							
Copper	do	(8)	1,108	386	14,823	588	151
Other metals	do	(8)	1,450	1,239		683	1,084
Copper strand, except insulated	do	(8)	92,395	59,051		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	Lb	3,560,417	4,031,856	3,108,602	180,410	194,107	135,375
Terneplate	do	193,057	345,592	159,357	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] In addition steel castings were produced for sale by establishments classified in other industries as follows: For 1927, 59,809 tons valued at $10,464,311; 1929, 33,550 tons valued at $6,635,760; 1931, 13,916 tons valued at $2,578,080. Steel castings were also reported by the "Foundry and machine-shop products, not elsewhere classified" industry as made and consumed in the same works as follows: For 1927, 16,968 tons; 1929, 53,980 tons; 1931, 13,210 tons. Steel castings are produced and consumed in further manufacture to some extent in other industries, but no data for such production are collected.
[3] Does not include tonnage of rolled billets and blanks for seamless tubes, nor tonnage, for sale, of rolled blooms and billets for forging.
[4] Includes "nail and tack plate" not shown separately to avoid disclosing data for individual operations.
[5] All iron and steel wire, including that subsequently galvanized, otherwise coated, and cold rolled.
[6] Of 2,000 pounds.
[7] 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. 672.—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	6,684,779	3,398,135	2,545,091	853,044	100,562		4,852
1905	20,023,947	10,941,375	8,971,376	7,815,728	1,155,648	102,233		8,963
1910	26,094,910	9,412,772	16,504,509	15,292,329	1,212,180	122,303	52,141	3,194
1915	32,151,036	8,287,213	23,079,102	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	40,690,483	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	

No. 673.—BLAST FURNACES AND STEEL MILLS: CENSUS STATISTICS

NOTE.—The scope of the industry "Steel works and rolling mills" is indicated by Table 671

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] 140,708	[3] 55,451	296,558	105,287	[4]
1880	719	171,181	89,273	478,088	151,415	784,358
1899	668	222,490	120,820	803,908	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	3,023,369	1,321,507	5,399,574
1921	628	254,213	354,357	1,901,431	535,256	[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	1,216,534	6,781,058
1929	591	419,534	730,974	4,137,214	1,622,837	7,532,530
1931	526	278,206	357,045	1,714,214	623,199	[4]
Blast furnaces:						
1929	105	24,960	41,959	771,425	161,132	[4]
1931 [5]	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	[6] 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. 674.—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	80		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	140,903	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	4,035	458,376	1932	595	28,857
1909	1,244	50,777	1921	2,213	214,830			

Sources: Table 672, American Iron and Steel Institute; Table 673, Bureau of the Census, Department of Commerce; Table 674, Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 675.—EXPORTS OF HEAVY IRON AND STEEL PRODUCTS

NOTE.—This and Tables 674 and 676 exclude the highly elaborated manufactures of iron and steel

Articles	Quantity in long tons (2,240 pounds)				Value in thousands of dollars			
	1929	1930	1931	1932	1929	1930	1931	1932
Total	3,037,857	1,982,546	968,645	594,581	200,203	139,039	63,226	28,857
Pig iron, not including ferro-alloys	46,357	13,671	6,719	2,324	830	292	151	54
Ferromanganese and spiegeleisen	1,574	6,189	1,306	33	59	146	39	2
Scrap	557,044	358,649	136,125	227,522	7,748	5,562	1,957	1,859
Ingots, blooms, billets, sheet bars, and skelp	173,665	136,916	64,461	27,114	7,007	5,926	2,701	974
Iron and steel bars	188,968	82,913	43,528	15,987	10,503	4,839	2,425	870
Alloy steel bars	15,743	6,668	2,968	1,621	1,660	911	499	251
Wire rods	42,251	39,777	32,125	14,813	2,012	1,876	1,297	583
Galvanized sheets	151,510	93,490	51,523	26,923	14,759	8,798	4,294	1,982
Plates, iron and steel	193,695	98,339	42,472	10,293	10,018	4,858	1,911	524
Black steel sheets	173,602	137,918	91,788	38,277	14,307	10,343	5,918	2,844
Black iron sheets	15,855	11,482	5,526	2,462	1,597	1,097	447	176
Hoop, band, and strip steel	70,864	39,316	23,229	17,778	5,136	2,673	1,834	1,127
Tin plate, terneplate, etc	258,965	216,513	84,433	39,603	28,566	24,202	7,841	3,273
Structural shapes, plain material	288,513	140,415	88,710	14,885	12,684	6,234	3,437	590
Structural materials, fabricated	112,099	103,471	32,135	17,277	9,665	9,146	2,769	1,029
Tanks, complete and knocked down		20,490	12,432	3,053		2,387	1,132	267
Metal lath	5,452	5,578	2,410	1,471	816	848	350	183
Steel rails	146,060	95,179	33,108	11,320	5,332	3,580	1,289	428
Rail fastenings, switches, frogs, etc	32,597	19,517	8,093	3,742	3,223	2,133	877	299
Boiler tubes	19,506	14,685	7,071	3,681	2,494	2,005	886	567
Casing and oil-line pipe	113,584	62,104	21,975	17,275	11,861	6,708	2,469	1,792
Seamless black pipe, except casing and oil line				597				95
Black and galvanized welded pipe	145,186	93,400	60,437	30,888	13,267	9,069	5,178	2,403
Riveted pipe and fittings				161				33
Cast-iron pipe and fittings	46,919	31,474	21,184	8,410	5,036	3,667	1,661	591
Malleable-iron screwed pipe fittings	12,534	10,743	4,509	1,677	3,927	3,413	1,401	485
Barbed-wire and woven-wire fencing	64,478	39,118	24,105	17,742	4,445	2,539	1,331	896
Plain and galvanized wire	45,505	26,403	14,163	8,391	3,654	2,069	1,044	597
Woven-wire screen cloth	1,667	1,583	866	635	669	558	298	199
Wire rope	6,958	4,536	2,499	1,575	1,907	1,254	666	410
Insulated wire and cable	1,076	530	268	84	397	216	108	28
Wire, other, and manufactures thereof	10,382	7,468	4,640	2,080	2,446	1,677	997	527
Wire nails	12,987	8,472	3,838	7,552	864	536	485	370
Nails other than wire, including tacks	10,256	5,867	3,816	3,378	1,784	1,056	608	456
Horseshoes	441	180	152	100	69	32	21	14
Bolts, nuts, rivets, and washers [1]	16,235	10,131	4,861	2,714	3,145	2,093	1,049	625
Car wheels and axles	21,459	14,841	6,317	2,884	1,560	1,140	430	210
Iron castings	10,976	6,613	4,326	3,397	1,573	1,458	689	374
Steel castings	10,824	9,389	3,104	1,173	2,975	2,280	743	290
Forgings	12,070	8,467	7,393	3,689	2,207	1,420	997	521

[1] Except track.

No. 676.—IRON AND STEEL: EXPORTS BY DESTINATIONS

NOTE.—All figures in long tons (2,240 pounds). Products covered are those listed in Table 675

Country	1930	1931	1932	Country	1930	1931	1932
Belgium	7,960	2,749	1,872	Brazil	37,720	22,650	10,990
France	7,153	8,931	3,703	Chile	81,983	24,178	1,655
Germany	8,325	1,094	703	Colombia	24,087	12,040	10,863
Italy	44,750	6,231	8,093	Ecuador	4,895	1,519	1,143
Netherlands	3,032	2,031	1,188	Peru	16,520	14,484	3,284
Norway	6,914	3,439	2,964	Uruguay	20,334	7,271	2,164
Spain	11,335	179	576	Venezuela	37,624	10,370	8,605
U. S. S. R. (Russia) in Europe	10,892	2,708	275	India and Ceylon	24,787	11,605	3,254
United Kingdom	44,878	40,476	4,700	British Malaya	6,073	2,318	390
Canada	820,116	420,599	163,900	China	38,879	38,224	20,885
Central America	35,189	24,409	20,641	Netherland East Indies	41,041	9,099	4,291
Mexico	83,433	44,095	18,237	Hong Kong	7,062	7,998	5,647
British West Indies	12,253	4,285	1,127	Japan	276,740	98,885	191,193
Cuba	41,628	15,999	10,531	Kwantung	9,686	1,360	1,203
Dominican Republic	3,791	1,955	1,497	Palestine and Syria	3,602	471	3,566
Netherland West Indies	11,109	2,397	3,102	Philippine Islands	69,696	52,452	46,768
Argentina	58,618	40,101	17,892	Australia	9,043	1,983	1,300
				British South Africa	5,308	4,523	2,349
				All other	55,490	25,436	15,030

Source of Tables 675 and 676: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 677.—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, Pittsburgh	Basic, The Valleys	Southern, No. 2, Cincinnati	Local, No. 2, Chicago [1]							
1891-1895	13.46	-------	11.74	12.80	27.27	20.89	-------	1.46	-------	-------	-------
1896-1900	14.22	-------	12.56	14.30	24.96	21.08	[5] 1.46	1.50	1.61	[5] 1.63	-------
1901-1905	17.14	-------	15.80	17.80	27.87	25.76	1.47	1.77	1.60	1.63	-------
1903	18.98	-------	17.08	19.25	28.00	27.91	1.56	1.77	1.61	1.62	-------
1904	13.76	-------	12.73	14.37	28.00	22.18	1.33	1.48	1.54	1.54	1.71
1905	16.36	15.25	15.57	17.65	28.00	24.03	1.48	1.87	1.58	1.62	1.76
1906	19.54	18.10	18.37	20.43	28.00	27.45	1.51	1.93	1.61	1.70	1.77
1907	22.84	20.87	23.10	24.50	28.00	29.25	1.60	1.94	1.70	1.70	1.92
1908	17.07	15.16	15.54	17.57	28.00	26.31	1.49	1.60	1.64	1.64	1.86
1909	17.41	15.48	16.12	17.49	28.00	24.62	1.33	1.62	1.42	1.42	1.63
1910	17.19	14.76	15.16	17.09	28.00	25.38	1.44	1.65	1.47	1.45	1.66
1911	15.71	13.07	13.67	14.83	28.00	21.46	1.26	1.41	1.31	1.32	1.54
1912	15.94	13.92	14.93	15.32	28.00	22.38	1.29	1.44	1.33	1.32	1.53
1913	17.13	14.71	14.90	15.85	28.00	25.79	1.55	1.69	1.50	1.50	1.66
1914	14.89	12.87	13.41	13.60	28.00	20.09	1.15	1.32	1.14	1.15	1.43
1915	15.78	13.74	13.57	14.01	28.00	22.44	1.31	1.48	1.31	1.30	1.53
1916	23.36	19.76	18.67	20.26	32.00	43.95	2.67	2.13	3.53	2.55	2.67
1917	43.64	38.90	38.95	41.31	38.00	70.96	3.64	3.83	5.88	3.67	4.19
1918	36.67	32.50	36.56	33.25	55.00	47.33	2.89	4.31	3.24	2.99	3.54
1919	31.12	27.67	32.17	29.11	47.29	40.54	2.49	4.10	2.72	2.53	3.12
1920	44.44	42.25	44.52	42.52	52.42	56.14	3.22	4.75	3.28	2.95	3.84
1921	25.34	21.73	26.08	22.93	44.06	34.46	1.87	4.47	1.93	1.93	2.54
1922	27.58	24.20	23.95	24.85	40.75	33.95	1.72	3.35	1.72	1.71	2.24
1923	28.97	25.80	27.85	28.16	43.00	41.70	2.36	3.50	2.43	2.43	2.78
1924	23.29	20.24	23.92	22.11	43.00	37.99	2.20	4.00	2.12	2.19	2.60
1925	22.33	19.58	23.85	22.09	43.00	35.45	2.02	4.52	1.92	1.99	2.44
1926	21.32	18.55	24.71	21.64	43.00	35.00	2.00	4.62	1.88	1.95	2.41
1927	20.43	17.69	21.16	19.68	43.00	33.27	1.83	4.68	1.82	1.83	2.20
1928	19.22	16.67	19.70	18.54	43.00	32.67	1.87	4.64	1.87	1.87	2.25
1929	20.54	18.19	18.49	20.00	43.00	34.66	1.92	4.13	1.93	[6] 1.92	2.30
1930	20.27	17.97	16.19	18.47	43.00	31.84	1.71	4.11	1.69	[6] 1.69	2.11
1931	18.70	15.85	14.62	17.35	43.00	29.96	1.62	3.69	1.62	[6] 1.62	2.02
1932	17.12	13.98	13.84	15.87	42.44	26.51	1.57	3.35	1.57	[6] 1.57	1.96

[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. 678.—ALUMINUM AND BAUXITE: Production, Exports, and Imports

	1913	1920	1925	1929	1930	1931	1932
BAUXITE							
Quantities, long tons (2,240 pounds):							
Production	210,241	521,308	316,540	365,777	330,612	195,895	96,349
Georgia, Alabama, and Tennessee	40,370	40,029	20,220	14,723	15,339	9,198	6,570
Arkansas	169,871	481,279	296,320	351,054	315,273	186,697	89,779
Imports for consumption	21,456	42,895	353,696	380,812	409,678	306,490	205,620
Exports	(1)	22,257	78,633	133,551	104,504	88,370	28,474
Value of production [2] (1,000 dollars)	998	3,247	1,988	2,266	1,928	1,141	548
ALUMINUM							
Value, 1,000 dollars:							
Production—							
Primary metal	9,450	41,375	36,430	51,864	50,961	37,284	20,453
Secondary metal	2,199	9,489	24,816	23,135	17,177	12,726	(1)
Imports for consumption, total	4,784	13,077	10,107	10,860	5,286	3,211	1,822
Crude and semicrude	4,388	12,184	9,806	9,935	4,690	2,540	1,339
Manufactures	396	893	301	925	596	671	483
Exports, total	966	5,631	6,057	7,971	7,122	2,855	1,453
Crude and semicrude	-------	3,068	3,366	4,150	3,916	986	469
Manufactures	-------	2,563	2,691	3,822	3,206	1,869	984
Quantities, 1,000 pounds:							
Imports (crude and semicrude)	25,095	39,299	41,997	50,881	25,461	14,833	8,185
Exports (crude and semicrude)	(1)	9,408	12,642	17,032	17,330	4,701	4,437

[1] Unavailable.
[2] F. o. b mines.

Sources: Table 677, Iron Age and American Iron and Steel Institute; Table 678, Bureau of Mines, Department of Commerce.

No. 679.—COPPER: Production, Exports, Imports, and Consumption

NOTE.—**All quantities except ore produced in millions and tenths of millions of pounds.** Production figures include continental United States and Alaska. Owing to the varying stages of production, the stocks in different classes of hands, the redistribution of copper previously purchased, the recovery and use of old copper, etc., calculations of consumption are somewhat uncertain. The American Bureau of Metal Statistics presents consumption estimates rather widely different from those given below. Consumption as shown represents the quantity of copper withdrawn on domestic account, but not actual domestic consumption, as no account is taken of consumers' stocks

Item	1910	1915	1920	1925	1929	1930	1931	1932
UNREFINED COPPER								
Ore produced (million short tons) [1]	28.5	43.4	36.8	53.1	68.4	47.4	34.0	[2]
Average copper yield, per cent	1.88	1.66	1.63	1.54	1.41	1.43	1.50	[2]
Smelter output from domestic ore	1,080.2	1,388.0	1,209.1	1,674.9	2,002.9	1,394.4	1,042.7	544.0
Mine production	1,088.2	1,488.1	1,224.6	1,678.1	1,995.1	1,410.1	1,057.7	483.2
Imports, unrefined:								
Ore (copper content)	64.2	92.1	52.0	107.6	124.6	101.3	23.6	14.0
Concentrates (copper content)	21.0	22.3	46.8	54.0	53.7	56.9	99.4	44.2
Matte and regulus (copper content)			17.6	1.7	2.1	4.7	1.5	1.7
Black, in bars, pigs, etc	[3] 259.2	[3] 193.8	244.7	379.3	646.2	560.5	281.9	181.7
REFINED COPPER PRODUCTION								
Total new and old copper	1,611.0	2,027.0	2,151.0	3,045.0	3,993.0	3,091.0	2,195.0	1,177.0
New copper (primary)	1,422.0	1,634.2	1,526.2	2,204.6	2,740.1	2,157.1	1,501.4	680.9
Domestic	1,071.9	1,387.7	1,182.4	1,682.9	1,982.7	1,391.2	1,074.6	445.1
Foreign	350.1	246.5	343.7	521.7	757.4	765.8	426.8	235.8
Electrolytic	1,128.3	1,360.8	1,351.7	2,050.6	2,542.3	1,993.6	1,373.4	[4] 608.7
Lake	221.5	236.8	153.5	138.0	185.3	143.0	105.2	[4] 53.8
Casting and best select [5]	72.3	36.6	21.0	15.9	12.5	20.5	22.8	18.3
Old copper refined (secondary)	189.0	392.4	624.9	840.4	1,253.1	934.4	694.0	496.0
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	1,422.0	1,634.2	1,526.2	2,204.6	2,740.1	2,157.1	1,501.4	680.9
Refined copper imported	[3]	[3]	103.7	99.8	134.0	86.2	174.4	167.8
Refined copper exported [6]	708.3	588.8	553.1	1,022.3	903.5	669.3	464.2	250.1
Stocks, Dec. 31 (refined)	122.8	82.4	659.0	124.0	306.0	615.0	924.6	1,004.0
Withdrawn on domestic account:								
New refined copper	732.4	1,136.6	1,053.8	1,401.0	1,778.6	1,265.0	902.1	519.2
New and old copper [7]	921.0	1,529.0	1,679.0	2,241.0	3,031.7	2,199.4	1,596.1	1,015.2

[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.
[7] Total from preceding line plus production of secondary copper as given above.

No. 680.—COPPER: Smelter Production by State of Origin of Ore Smelted

[Quantities in thousands of pounds]

State of origin	1910	1915	1920	1925	1929	1930	1931	1932
Total	1,080,160	1,388,010	1,209,061	1,674,870	2,002,863	1,394,389	1,042,711	544,010
Alaska	4,311	70,695	66,094	72,204	39,868	36,380	23,233	13,297
Arizona	297,251	432,468	552,939	722,653	829,207	570,897	400,311	201,136
California	45,760	37,658	11,822	46,944	33,084	26,262	8,345	5,514
Colorado	9,307	7,272	4,283	3,163	10,520	12,944	9,029	8,976
Idaho	6,878	6,218	1,922	3,144	6,268	2,714	1,627	663
Michigan	221,463	238,956	153,484	138,030	185,301	142,986	105,222	63,899
Missouri		306	583	12	2	2		
Montana	283,079	268,263	177,744	270,605	299,895	198,796	173,910	97,918
Nevada	64,495	67,757	55,580	77,138	138,980	87,475	71,233	32,616
New Mexico	3,785	62,817	52,160	76,467	100,165	74,188	60,776	32,915
Oregon	22	797	2,529	126	739	230	9	37
Pennsylvania	741		618	562	3,581	3,061	844	[1]
Tennessee	10,692	18,205	16,728	19,789	[1]	[1]	[1]	[1]
Utah	125,185	175,178	110,358	242,731	325,965	205,770	161,023	76,403
Washington	65	904	2,126	1,185	1,569	1,405	71	3
Undistributed	1,127	514	92	117	27,709	31,280	21,078	10,633

[1] Included under "Undistributed."

Source of Tables 679 and 680: Bureau of Mines, Department of Commerce.

No. 681.—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 679

[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	1910	1,080	137,180	1,422	1,072	350	189
1860	16	3,709	1911	1,097	137,154	1,434	1,097	337	214
1870	28	5,997	1912	1,243	205,139	1,508	1,243	325	273
1871–1875	34	8,896	1913	1,224	189,795	1,615	1,237	378	276
1876–1880	50	9,679	1914	1,150	152,968	1,534	1,150	384	262
1881–1885	118	17,236	1915	1,388	242,902	1,634	1,388	247	395
1886–1890	226	30,345	1916	1,928	474,288	2,259	1,928	331	700
1891–1895	339	37,266	1917	1,886	514,911	2,428	1,886	542	767
			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	2,200	1,674	586	777
1926–1930	1,729	252,172	1925	1,675	237,832	2,205	1,683	522	840
			1926	1,740	243,547	2,322	1,731	591	980
1904	813	104,005							
1905	889	138,650	1927	1,684	220,609	2,326	1,719	607	980
1906	918	177,136	1928	1,826	262,930	2,488	1,792	696	1,073
			1929	2,003	352,504	2,740	1,983	757	1,253
1907	869	173,799	1930	1,394	181,271	2,157	1,391	766	934
1908	943	124,419	1931	1,043	94,887	1,501	1,075	427	694
1909	1,003	142,084	1932	544	34,273	681	445	236	496

[1] Includes refined copper imported from 1908 to 1919, inclusive.

Source: Bureau of Mines, Department of Commerce.

No. 682.—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	1923	412,375	129,220	338,236	95,988
1896–1900 [1]	137,684	36,745	24,634	5,866	1924	556,106	156,646	384,108	96,184
1901–1905 [1]	196,451	54,942	83,237	22,611	1925	540,376	161,166	326,486	84,270
1906–1910 [1]	289,445	92,334	130,111	38,026	1926	482,843	141,204	389,721	99,742
1911–1915 [1]	416,840	123,655	176,635	46,129	1927	538,366	150,214	359,161	84,963
1916–1920 [2]	376,877	208,909	244,948	103,805	1928	562,510	160,331	393,537	98,187
1921–1925	438,337	129,761	208,975	77,811	1929	499,237	183,405	487,156	153,710
1926–1930	491,290	149,999	407,630	108,244	1930	376,647	105,342	408,577	104,616
1921	314,402	97,898	175,236	45,785	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

[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. 683.—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 684 part of the lead from domestic ore is unrefined

Year	Production	Value	Year	Production	Value	Year	Production	Value
1830	8,000	608	1899	298,047	26,824	1916	571,134	78,817
1840	17,000	1,666	1900	367,773	32,364	1917	610,769	105,052
1850	22,000	2,112	1901	371,032	30,909	1918	640,195	90,908
1860	15,600	1,778	1902	367,892	30,167	1919	482,220	51,115
1870	17,830	2,247	1903	368,939	30,991	1920	529,657	84,745
1880	95,725	9,573	1904	393,452	33,837	1921	448,589	40,373
1885	126,192	10,095	1905	388,307	36,501	1922	532,662	58,593
1889	178,357	13,912	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	708,941	127,831
1893	224,320	16,600	1910	470,272	14,384	1927	796,530	100,363
1894	213,650	14,101	1911	486,979	43,828	1928	781,071	90,604
1895	235,822	15,093	1912	480,894	43,260	1929	774,033	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

Year	Class		Source			Average value per pound	Antimonial lead, total production	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	2,100	
1885	104,217	21,975	126,192			.040	3,220	
1890	126,493	31,351	139,720	18,124		.045	3,910	
1895	195,932	39,890	159,649	76,173		.032	6,060	
1900	319,752	48,021	260,918	106,855		.044	9,906	
1905	302,852	85,455	307,514	80,703		.047	10,995	
1910	328,954	141,318	375,402	18,065	76,805	.044	14,069	55,422
1915	388,594	161,461	507,026	9,581	33,448	.047	23,224	78,900
1920	339,803	189,854	476,849	8,414	44,394	.080	12,535	124,650
1925	600,409	260,560	664,921	47,024	65,024	.087	19,667	226,880
1929	539,288	235,345	672,493	29,675	72,460	.063	25,669	311,000
1930	441,672	201,361	573,740	34,348	34,945	.050	13,711	255,800
1931	304,375	138,389	390,260	22,254	30,250	.037	[3]	234,700
1932	225,231	63,130	255,337	21,747	11,277	.030	[3]	198,300

[1] Desilverized soft lead is included. [2] Excludes antimonial lead. [3] No comparable data.

No. 684.—SOURCES OF PRIMARY LEAD SMELTED OR REFINED IN THE UNITED STATES

[Production in short tons (2,000 pounds). See headnote to Table 682]

Source of ore	1910	1915	1920	1925	1929	1930	1931	1932
Total	494,081	580,041	547,155	798,499	788,127	649,306	446,103	290,065
From domestic ore	389,211	537,012	494,347	688,451	685,992	580,013	393,599	257,041
Arizona	948	6,953	5,987	10,281	8,153	4,223	2,085	1,134
Colorado	38,542	32,352	17,752	31,855	25,675	25,091	6,311	2,288
Idaho	109,951	160,680	117,191	123,363	147,595	135,411	100,970	68,606
Kansas	1,308	1,320	8,421	15,001	[1] 26,104	[1] 13,103	[1] 6,601	(2)
Missouri	161,659	195,634	171,999	208,547	211,345	201,056	151,359	79,483
Montana	1,943	4,853	13,231	22,008	26,795	15,412	4,766	1,572
Nevada	2,246	7,664	8,650	10,978	13,256	14,091	8,348	390
New Mexico	1,890	2,157	1,123	3,782	12,249	11,250	11,045	10,606
Oklahoma	1,805	4,346	68,494	78,487	[1] 45,653	[1] 23,398	[1] 12,312	[2] 14,952
Utah	60,605	106,105	64,006	166,844	157,085	122,311	75,207	70,111
Undistributed	6,077	10,380	13,127	13,764	12,179	13,672	13,878	7,507
Zinc residues	2,237	4,562	4,366	1,541	1,903	995	717	392
From foreign ore [3]	18,066	9,581	8,414	47,024	29,675	34,348	22,254	21,747
Canada	25	1,174	1,186	10,676	9,499	14,369	3,816	3,797
Europe			19	470	28	41	43	4,491
Mexico	11,704	5,437	2,729	31,107	16,807	14,940	6,420	334
South America	2,996	2,829	2,747	4,496	3,285	3,476	2,299	2,631
From foreign base bullion [3]	76,805	33,448	44,394	65,024	72,460	34,945	30,250	11,277
Mexico	76,805	33,173	42,421	65,024	51,295	18,592	30,072	11,164
Peru					21,165	16,353	178	113

[1] Separation as between Kansas and Oklahoma is made on the basis of mine figures.
[2] Production for Kansas is included with Oklahoma. [3] Totals include small unspecified items.

Source of Tables 683 and 684: Bureau of Mines, Department of Commerce.

No. 685.—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	1915	1920	1925	1929	1930	1931	1932
Supply, total	473,836	550,467	585,610	779,035	780,430	644,570	442,774	288,405
Stock in bonded warehouses Jan. 1	79	2	234	5,045	4,139	1,328	(1)	(1)
Imports of pigs, bars, and old	3,485	410	35,719	7,021	1,658	209	10	44
Production from domestic and foreign ore	470,272	550,055	529,657	766,969	774,633	643,033	442,764	288,361
Deductions, total	78,661	130,907	27,590	128,380	87,665	61,796	32,168	30,607
Exports—								
Pig lead	69,786	126,924	20,093	103,519	73,251	48,307	21,665	23,387
In manufactures with benefit of drawback	8,800	3,983	6,175	11,699	13,086	12,161	10,503	7,220
Stock in bonded warehouses Dec. 31	75		1,322	8,162	1,328	(1)	(1)	(1)
Apparent deliveries to domestic consumers	395,175	419,560	538,020	655,655	692,765	582,774	410,606	257,798

[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 Commerce.

No. 686.—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, or 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	161,708	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	Architectural and ornamental work, including grilles, railings, etc		948
Nickel and nickel-alloy	27,188	8,202	Bells		479
Rods and bars:					
Brass and bronze	201,086	22,576			
Copper	180,708	18,553			
Nickel and nickel alloys	5,628	2,285			
Tubing (seamless) and pipe:					
Brass and bronze	97,004	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-resistant alloy castings.

Source: Bureau of the Census, Department of Commerce.

No. 687.—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	1915	1920	1925	1929	1930	1931	1932[1]
Mine production (recoverable zinc content of ore)	327,618	587,595	587,524	710,847	724,478	595,425	[1]410,318	283,560
Colorado	38,545	52,297	24,395	30,811	29,431	36,259	[1]16,187	130
Idaho	2,802	35,077	13,966	15,619	45,675	37,649	19,569	10,200
Kansas	13,229	14,365	61,073	118,778	109,850	74,304	39,051	23,800
Missouri	128,580	136,300	24,509	14,794	11,017	10,811	3,205	1,040
Montana	15,819	93,573	92,169	57,658	68,176	26,421	6,747	2,240
Nevada	1,354	12,188	5,349	7,411	8,460	14,584	10,431	540
New Jersey	68,584	117,722	78,511	89,261	103,740	97,626	94,285	81,770
New Mexico	9,044	12,702	5,007	9,246	34,455	32,765	27,866	25,480
New York		2,455	5,654	5,158	10,250	22,471	24,100	16,260
Oklahoma	6,394	14,314	219,727	283,371	192,042	136,153	78,132	64,000
Tennessee	966	16,461	19,217	16,256	[3]40,558	[2]48,147	[2]38,312	[2]19,070
Utah	8,184	12,146	4,079	26,306	51,510	44,495	37,291	29,080
Wisconsin	25,927	41,403	27,285	20,230	16,986	12,558	10,088	7,650
Other States	8,181	26,592	6,583	15,948	2,328	1,182	5,054	2,300
Smelter production	310,407	542,419	508,227	634,376	690,847	547,345	326,796	227,148
Primary zinc	269,184	489,519	463,377	572,946	625,447	498,045	291,996	207,148
From domestic ore	252,479	458,135	450,045	555,631	612,136	489,361	291,996	207,148
From foreign ore	16,705	31,384	13,332	17,315	13,311	8,684		
Secondary zinc	41,223	52,900	42,850	61,430	65,400	49,300	34,800	20,000
Redistilled	12,784	29,764	21,371	39,181	47,348	[3]34,849	[3]21,625	14,718
Remelted	28,439	23,136	21,479	22,249	18,052	14,451	13,175	5,282
Value of primary product from domestic ore ($1,000)	27,268	113,617	72,907	84,456	80,802	46,979	22,192	12,429
Primary zinc consumed:								
Supply, total	282,350	510,518	508,347	593,724	674,105	584,295	459,586	351,051
Stock, Jan. 1	11,206	20,095	36,793	20,754	48,432	85,904	167,293	143,592
Produced	269,184	489,519	463,377	572,946	625,447	498,045	291,996	207,148
Imported	1,960	904	8,177	24	226	346	297	311
Deductions:								
Exports, total	13,234	131,410	114,267	80,547	19,676	8,533	3,402	9,618
Stock, Dec. 31	23,232	14,253	71,037	13,080	85,904	167,293	143,592	128,192
Apparent deliveries to domestic consumers	245,884	364,855	323,043	500,097	568,525	408,469	312,592	213,241

[1] Preliminary.
[2] Includes Virginia.
[3] Includes small quantity of secondary electrolytic zinc.

Source: Bureau of Mines, Department of Commerce.

No. 688.—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	1923	508,335	69,134
1880[3]	23,239	2,277	1926–1930	576,395	73,119	1924	515,831	67,058
1885	40,688	3,540	1915	458,135	113,617	1925	555,631	84,456
1886–1890	54,285	5,219	1916	564,338	151,243	1926	611,991	91,799
1891–1895	82,396	6,787	1917	584,597	119,258	1927	576,960	73,851
1896–1900	109,963	10,180	1918	492,405	89,618	1928	591,525	72,166
1901–1905	169,504	17,067	1919	452,272	66,032	1929	612,136	80,802
1906–1910	219,378	24,165	1920	450,045	72,907	1930	489,361	46,979
1911–1915	346,867	52,416	1921	198,232	19,823	1931	291,996	22,192
1916–1920	508,731	99,812	1922	353,274	40,273	1932	207,148	12,429

[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 Commerce.

No. 689.—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 at $20.67+ per fine ounce, is not shown in the table. 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	1901	3,806	55,214	33,128
1848–1850	4,838	116	152	1902	3,870	55,500	29,415
1851–1855	14,271	194	259	1903	3,660	54,300	29,322
1856–1860	12,384	309	418	1904	3,892	57,683	33,456
1861–1865	10,716	28,811	38,674	1905	4,266	56,102	34,222
1866–1870	12,226	49,113	65,261	1906	4,565	56,518	38,256
1871–1875	8,826	121,083	166,270	1907	4,375	56,515	37,300
1876–1880	10,301	157,681	182,506	1908	4,574	52,441	28,051
1881–1885	7,730	182,841	202,807	1909	4,822	54,722	28,455
1886–1890	8,078	231,819	227,495	1910	4,657	57,138	30,855
1891–1895	9,107	287,057	227,960	1911	4,687	60,399	32,616
1896–1900	15,729	279,544	172,689	1912	4,521	63,767	39,198
1901–1905	19,394	278,798	159,543	1913	4,300	66,802	40,348
1906–1910	22,903	277,333	162,916	1914	4,573	72,455	40,068
1911–1915	22,968	338,384	189,626	1915	4,888	74,961	37,397
1916–1920	17,246	326,009	208,852	1916	4,479	74,415	48,953
1921–1925	12,194	313,757	258,862	1917	4,051	71,740	59,078
1926–1930	11,206	291,582	159,017	1918	3,321	67,810	66,485
1887	1,603	41,722	40,887	1919	2,919	56,682	63,534
1888	1,604	45,793	43,045	1920	2,476	55,362	60,802
1889	1,595	50,095	46,838	1921	2,422	53,052	[1] 53,052
1890	1,589	54,516	57,242	1922	2,363	56,240	[1] 56,240
1891	1,605	58,330	57,630	1923	2,503	73,335	[1] 60,135
1892	1,597	63,500	55,663	1924	2,529	65,407	43,823
1893	1,739	60,000	46,800	1925	2,412	66,155	45,912
1894	1,911	40,500	31,422				
1895	2,256	55,727	36,446	1926	2,335	62,719	39,136
				1927	2,197	60,434	34,266
1896	2,568	58,835	39,656	1928	2,233	58,463	34,201
1897	2,775	53,860	32,310	1929	2,208	61,328	32,088
1898	3,118	54,438	32,118	1930	2,286	50,748	19,538
1899	3,437	54,765	32,859				
1900	3,830	57,047	35,741	1931	2,396	30,032	8,970
				1932	2,449	23,981	6,763

State or Territory	Gold, 1,000 fine ounces					Silver, 1,000 fine ounces					Silver, value, 1932, 1,000 dollars
	1910	1920	1930	1931	1932	1910	1920	1930	1931	1932	
Total	4,657	2,476	2,286	2,396	2,449	57,138	55,362	50,748	30,032	23,981	6,763
Alaska	787	413	407	466	433	154	822	392	398	257	72
Arizona	165	240	149	137	67	2,656	5,432	4,910	4,071	2,137	603
California	989	716	450	521	570	1,792	1,655	1,434	777	509	143
Colorado	993	363	218	225	270	8,523	5,187	4,852	2,374	1,653	466
Idaho	50	23	21	18	41	7,027	7,385	9,710	7,416	6,591	1,859
Michigan						262	512	11	2	71	20
Montana	180	92	47	41	38	12,283	13,263	8,597	4,077	2,336	659
Nevada	913	175	140	139	128	12,366	7,482	4,179	2,369	1,305	368
New Mexico	23	22	32	32	20	779	700	1,160	1,070	1,108	313
Oregon	33	50	14	15	20	44	102	10	7	9	3
South Dakota	260	210	406	431	479	121	88	105	113	125	35
Texas	[2]	[2]	[2]		[2]	364	523	469	[2]	1	[2]
Utah	209	103	209	183	146	10,446	11,755	14,451	8,057	7,680	2,166
Washington	39	7	4	3	4	205	178	30	25	18	5
Philippine Islands	7	62	185	182	230	2	22	121	110	149	42
Other	8	[3]	3	1	3	115	296	317	66	31	9

[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. 690.—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	9,398	12,898	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
1924	1,000	31,471	32,471	32,320	64,791	77	24,587	24,664	8,931	33,595
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	9,340	33,682

[1] Estimated.

No. 691.—SILVER: PRICE, AND VALUE OF SILVER IN THE DOLLAR

NOTE.—The London price is converted to the basis of the ounce 1,000 fine and converted to American money throughout at par of exchange, notwithstanding the fact that from 1918 to 1924, and in 1931 and 1932 the pound sterling was depreciated as compared to the dollar. During these periods of depreciation the commercial ratio is computed on the basis of the New York average price; the value of fine silver (371¼ grains) in the dollar is computed on the basis of the New York average price beginning 1918. For other years computations are on the basis of the London quotations, which were at all times close to the New York quotations

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	1.046	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	.553	.609	.490	37.37	.428
1880	1.145	1.139	1.150	1.113	18.05	.886	1915	.519	.511	.580	.478	39.84	.401
1885	1.065	1.064	1.095	1.028	19.41	.824	1916	.686	.672	.791	.573	30.11	.531
1889	.935	.936	.972	.925	22.10	.723	1917	.895	.840	1.165	.731	23.09	.692
1890	1.046	1.053	1.205	.958	19.75	.809	1918	1.042	.984	1.025	.894	21.00	.761
1891	.988	.990	1.075	.948	20.92	.764	1919	1.250	1.121	1.388	1.018	18.44	.867
1892	.871	.876	.953	.830	23.72	.674	1920	1.346	1.019	1.368	.608	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	.510
1897	.604	.608	.661	.528	34.29	.467	1925	.703	.694	.732	.668	29.38	.537
1898	.590	.591	.623	.551	35.03	.456	1926	.629	.624	.689	.518	32.88	.483
1899	.602	.605	.648	.585	34.36	.465	1927	.571	.567	.603	.542	35.22	.438
1900	.620	.621	.658	.598	33.33	.480	1928	.586	.585	.639	.558	35.26	.452
1901	.596	.597	.645	.548	34.68	.461	1929	.536	.533	.578	.468	38.54	.412
1902	.528	.528	.569	.474	39.15	.408	1930	.387	.385	.472	.311	53.38	.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							

Source of Tables 690 and 691: Annual Reports of the Director of the Mint, Treasury Department.

No. 692.—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	62,429	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
1915	41,581	27,508	14,073	33.8	105,504	896	53
1916	54,534	35,464	19,069	35.0	170,841	1,176	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	51,345	20,511	30,834	60.0	475,981	920	41
1921	25,288	5,538	19,750	78.1	147,673	307	31
1922	37,124	8,573	28,551	76.9	238,313	512	94
1923	50,978	13,380	37,598	66.0	373,497	1,237	85
1924	44,270	10,286	33,984	76.8	244,042	660	83
1925	51,267	11,355	39,912	77.9	262,559	954	202
1926	56,866	12,489	44,377	78.0	307,773	987	285
1927	51,092	7,207	43,885	85.9	262,321	807	169
1928	52,806	4,493	48,313	91.5	252,834	1,098	148
1929	59,884	6,472	53,412	89.2	278,995	1,238	120
1930	47,972	2,776	45,196	94.2	209,187	1,004	133
1931	33,484	1,128	32,356	96.6	161,609	754	104
1932	21,913	654	21,259	97.2	105,787	630	117

[1] Imports entered for consumption, prior to 1925.

No. 693.—COKE: By-Product and Beehive Production, by States

[Figures in thousands of short tons (2,000 pounds)]

	1915	1920	1924	1925	1928	1929	1930	1931	1932
BY-PRODUCT									
Total	14,073	30,834	33,984	39,912	48,313	53,412	45,196	32,356	21,259
Alabama	2,070	3,124	4,386	4,582	4,327	4,764	3,987	2,943	1,401
Colorado		517	523	490	606	565	379	226	92
Illinois	1,687	2,137	2,355	3,012	3,241	4,204	3,576	2,479	1,428
Indiana	2,768	4,554	4,272	5,142	6,094	6,455	4,984	2,757	1,435
Maryland	313	682	810	1,019	1,186	1,393	1,169	818	500
Massachusetts	504	488	398	535	687	777	863	1,150	987
Michigan	(1)	1,393	1,771	1,751	2,400	2,680	2,604	2,437	2,165
Minnesota	128	675	515	518	623	746	641	440	385
New Jersey	269	726	869	904	903	898	919	931	929
New York	684	1,040	1,601	2,220	3,803	4,299	3,850	3,578	3,130
Ohio	666	5,615	5,723	7,105	7,786	8,521	6,103	3,933	2,347
Pennsylvania	3,092	7,730	8,426	9,853	13,476	14,489	12,529	7,525	4,038
West Virginia	141	447	999	1,056	1,368	1,431	1,479	1,265	903
All other States	1,749	1,706	1,335	1,725	1,814	2,109	2,051	1,873	1,519
BEEHIVE									
Total	27,508	20,511	10,286	11,355	4,493	6,472	2,776	1,128	654
Pennsylvania	22,531	15,908	8,501	9,574	3,442	5,368	2,011	856	506
Ohio	19	87	110	156	(1)				
West Virginia	1,250	1,381	330	490	431	497	422	114	48
Alabama	1,001	890	155	88					
Kentucky	285	273	79	(1)	(1)				
Tennessee	234	163	132	128	104	96	25	17	11
Virginia	630	1,028	485	422	248	315	220	99	56
Colorado	671	273	212	155	144	156	79	(1)	(1)
Utah	(1)	(1)	160	146	28	14	7	(1)	(1)
All other States	887	509	123	196	46	26	12	43	32

[1] Included under "all other States."

Source of Tables 692 and 693: Bureau of Mines, Department of Commerce.

No. 694.—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	90,404	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	505,236
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	304,927	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	1,199,084
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]	571,513	87,927	483,587	477,231	1,062,626
1911–1915	529,189	89,233	439,955	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
1906	414,157	71,282	342,875	1929 [1]	608,817	73,828	534,989	385,643	952,781
1907	480,363	85,604	394,759	1930 [1]	536,911	69,385	467,526	354,574	795,483
1908	415,843	83,269	332,574						
1909	460,815	81,070	379,744	1931 [1]	441,735	50,646	382,089	296,355	588,895
1910	501,596	84,485	417,111	1932 [2]	355,567	49,900	305,667	222,055	416,000

State	1900	1911–1915	1916–1920	1921–1925	1926–1930 [1]	1929 [1]	1930 [1]	1931 [1]	1932 [2]
Total quantity	269,884	529,189	626,386	558,947	595,497	608,817	536,911	441,735	355,567
Anthracite (Pa.)	57,368	89,233	92,741	77,648	76,619	73,828	69,385	59,646	49,900
Bituminous	212,316	439,956	533,645	481,299	518,878	534,989	467,526	382,089	305,667
Alabama	8,394	15,804	17,834	18,097	18,380	17,944	15,570	11,999	7,850
Arkansas	1,448	1,986	1,980	1,261	1,579	1,695	1,533	1,154	1,050
Colorado	5,244	9,433	11,595	10,049	9,665	9,921	8,197	6,604	5,564
Illinois	25,768	58,320	78,255	68,523	57,310	60,058	53,731	44,303	32,360
Indiana	6,484	16,080	25,515	21,677	18,467	18,344	16,490	14,295	12,400
Iowa	5,203	7,442	7,571	4,952	3,879	4,241	3,893	3,388	3,430
Kansas	4,468	6,811	6,556	3,827	3,215	2,976	2,430	1,987	1,865
Kentucky	5,329	18,380	30,108	43,743	61,116	60,463	51,209	39,964	35,610
Maryland	4,025	4,549	4,158	2,033	2,700	2,049	2,271	2,006	1,370
Michigan	849	1,271	1,301	976	705	804	661	359	446
Missouri	3,540	4,048	5,086	3,011	3,538	4,030	3,853	3,621	3,795
Montana	1,662	2,972	4,008	2,881	3,139	3,408	3,022	2,378	2,155
New Mexico	1,299	3,618	3,723	2,772	2,612	2,623	1,969	1,653	1,220
North Dakota	130	506	787	1,221	1,622	1,862	1,700	1,519	1,650
Ohio	18,988	28,563	40,609	31,590	21,111	23,689	22,552	20,411	13,350
Oklahoma	1,922	3,720	4,292	2,741	3,346	3,774	2,794	1,908	1,326
Pennsylvania	79,842	157,229	168,532	133,721	137,033	143,516	124,463	97,659	75,772
Tennessee	3,510	6,238	6,208	5,078	5,544	5,405	5,130	4,721	3,240
Texas	968	2,201	1,980	1,084	1,107	1,101	834	716	620
Utah	1,147	2,999	4,693	4,593	4,683	5,160	4,258	3,350	2,850
Virginia	2,394	7,924	10,158	10,048	12,521	12,748	10,907	9,699	8,025
Washington	2,474	3,261	3,576	2,626	2,513	2,521	2,302	1,846	1,625
West Virginia	22,647	69,353	86,369	97,044	136,315	138,519	121,473	101,473	83,765
Wyoming	4,015	6,907	8,555	6,812	6,526	6,705	6,038	4,994	4,140
Miscellaneous	565	259	190	239	246	231	196	182	189

[1] Exclusive of product of wagon mines. [2] Preliminary.

Source: Bureau of Mines, Department of Commerce.

No. 695.—COAL: EXPORTS, IMPORTS, AND BUNKER COAL LADEN ON VESSELS IN FOREIGN TRADE

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

Yearly average or year	Total exports[1]		Anthracite exports		Bituminous exports[1]		Total imports		Bunker coal	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891–1895[2]	3,028	10,012	1,128	4,929	1,900	5,081	1,237	3,984	------	------
1896–1900[2]	4,710	13,300	1,469	6,268	3,241	7,032	1,403	3,831	------	------
1901–1905[2]	7,750	24,254	1,846	8,782	5,903	15,472	2,287	6,376	------	------
1906–1910[3]	12,018	36,805	2,646	13,034	9,372	23,770	1,727	4,530	[4] 5,638	[4] 18,201
1911–1915	19,132	58,362	3,753	19,624	15,379	38,738	1,437	4,069	7,289	23,890
1913	22,141	67,410	4,154	21,960	17,987	45,450	1,415	3,863	7,701	25,036
1914	17,632	54,316	3,330	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	26,640	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	29,215	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	2,306	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	831	4,989	3,834	20,258
1929	18,603	98,310	3,041	32,569	15,562	65,742	877	5,480	3,827	19,575
1930	16,455	83,694	2,278	24,509	14,178	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

[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. 696.—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	Calculated capacity, at 308 days (million tons[1])
	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	(2)	(2)
1895	52,093	1,315	4,591	------	1.41	142,917	196	2.07	406	(2)	(2)
1900	50,710	1,208	5,550	------	1.49	144,206	166	2.40	398	(2)	(2)
1905	69,053	1,571	7,036	------	1.83	165,408	215	2.18	470	(2)	(2)
1910	73,023	2,021	8,841	------	1.90	169,497	229	2.17	498	(2)	(2)
1915	76,906	2,092	9,997	------	2.07	176,552	230	2.19	504	1.5	(2)
1920	76,844	2,897	9,858	------	4.85	145,074	271	2.28	618	1.1	(2)
1925	53,703	2,885	5,164	------	5.30	160,312	182	2.12	386	1.6	(2)
1927	70,495	3,047	6,554	------	5.26	165,259	225	2.15	485	1.5	(2)
1928	66,488	3,185	5,976	------	5.22	160,681	217	2.17	469	1.7	(2)
1929	65,295	3,233	5,301	------	5.22	151,501	225	2.17	487	1.6	(2)
1930	61,202	3,144	5,038	------	5.11	150,804	208	2.21	460	2.0	(2)
1931	52,636	2,901	3,980	------	4.97	139,431	181	2.37	428	2.7	(2)
BITUMINOUS											
1890	87,373	7,008	1,607	15,332	.90	192,204	226	2.56	579	[3] 5.3	151
1895	106,287	8,340	2,086	18,404	.86	239,962	194	2.90	563	[4] 11.9	216
1900	173,072	7,868	3,740	27,635	1.04	304,375	234	2.98	697	24.9	281
1905	265,201	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
1928	467,348	21,990	4,602	6,805	1.86	522,150	203	4.73	959	73.8	760
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

[1] Of 2,000 pounds. [2] Not available. [3] 1891. [4] 1896.

Sources: Table 695, Bureau of Foreign and Domestic Commerce; Table 696, Bureau of Mines, Department of Commerce.

No. 697.—CONSUMPTION OF BITUMINOUS COAL: BY CONSUMING CLASSES

	1889	1899	1909	1919	1923	1929	1930	1931	1932 [1]
Consumption (million net tons of 2,000 lbs.), total	95.8	190.3	370.3	481.7	519.0	519.8	455.0	371.9	302.8
Colliery fuel	1.4	3.1	9.5	11.1	8.8	4.7	4.0	3.2	2.9
Locomotive fuel, all steam roads	26.5	53.4	106.0	124.7	137.0	118.6	[2]98.4	[2]81.7	[2]66.4
Bunkers, vessels in foreign trade	1.9	3.8	6.8	8.2	5.1	4.3	3.5	2.2	1.4
Coke ovens, beehive and by-product	16.0	30.2	59.4	65.6	84.4	86.8	69.8	48.6	31.8
Electric public utilities [3]	.....	7.6	18.7	35.1	39.0	44.9	42.9	38.7	30.3
All other uses [4]	50.0	92.2	169.9	237.0	244.7	260.3	236.4	197.5	170.0
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	1.7	.9	.9	.9	.9
Locomotive fuel, all steam roads	27.7	28.1	28.6	25.9	26.4	22.8	[2]21.6	[2]22.0	[2]21.9
Bunkers, vessels in foreign trade	2.0	2.0	1.9	1.7	1.0	.8	.8	.6	.4
Coke ovens, beehive and by-product	16.7	15.9	16.0	13.6	16.3	16.7	15.3	13.1	10.5
Electric public utilities	.....	4.0	5.0	7.3	7.5	8.6	9.4	10.4	10.0
All other uses	52.1	48.4	45.9	49.2	47.1	50.2	52.0	53.0	56.3

[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 Commerce (data were assembled from various original sources).

No. 698.—LABOR STRIKES IN COAL MINES

Year	Men on strike	Working days lost	Average days lost per man	Year	Men on strike	Working days lost	Average days lost per man
1908 [1]	145,145	5,449,938	38	1920	282,419	5,914,473	21
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	5,302,748	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 [2]	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

State	1928		1929		1930		1931	
	Men on strike	Days lost	Men on strike	Days lost	Men on strike	Days lost	Men on strike	Days lost
Grand total	86,870	4,605,086	58,052	468,453	41,000	1,102,758	110,565	2,127,984
Anthracite (Pa.)	36,128	400,682	39,777	272,511	18,202	112,398	65,907	570,664
Total bituminous	50,742	4,204,404	18,275	195,942	22,798	990,360	44,658	1,557,320
Arkansas	.....	.....	95	2,177	.....	.....	860	21,153
Colorado	1,594	57,184	.....	.....	.....	.....	.....	.....
Illinois	21,815	1,463,409	10,162	68,155	9,483	348,779	9,400	397,263
Indiana	3,216	91,842	3,851	58,553	2,008	32,003	883	14,181
Iowa	1,986	68,623	810	2,434	591	3,754	824	24,500
Kansas	1,525	163,766	106	3,341	.....	.....	38	570
Kentucky	1,130	14,124	561	4,286	6,436	562,067	2,920	59,240
Michigan	430	6,320	762	3,894	630	2,500	597	26,185
Missouri	941	67,585	211	633	50	700	679	34,671
Montana	1,219	9,178	.....	.....	.....	.....	.....	.....
Ohio	9,222	1,576,960	943	46,165	1,143	12,583	5,591	138,155
Oklahoma	.....	.....	.....	.....	.....	.....	501	19,812
Pennsylvania [1]	5,999	658,111	313	4,073	924	14,689	12,783	398,932
Tennessee	265	795	200	1,200	.....	.....	1,133	28,767
West Virginia	210	18,650	.....	.....	1,523	13,215	8,441	393,883
Other States	1,190	3,057	261	1,031	10	10	8	8

[1] Bituminous mines only.
[2] Owing to unusual conditions, figures tend to understate extent of the strike and number of idle miners.

Source: Bureau of Mines, Department of Commerce.

No. 699.—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	1931	1932	1933	1925	1929	1930	1931	1932	1933
Atlanta, Ga.						7.32	7.97	7.80	7.60	6.46	6.12
Baltimore, Md.	[2] 15.75	13.75	13.75	13.75	12.75	7.38	8.00	7.89	7.75	7.36	6.86
Birmingham, Ala.						7.79	7.66	7.65	7.38	6.31	5.07
Boston, Mass.	16.00	15.50	15.75	15.00	13.50						
Bridgeport, Conn.	15.38	15.50	14.75	14.13	12.75						
Buffalo, N. Y.	13.56	13.32	13.29	13.40	12.21						
Butte, Mont.						11.05	10.93	11.15	10.48	9.98	9.72
Charleston, S. C.	[2] 17.10					11.00	9.67	9.67	9.67	9.50	8.67
Chicago, Ill.	16.70	16.40	16.30	16.75	15.50	8.51	[3] 8.20	[3] 8.53	[3] 8.09	[3] 7.92	[3] 7.25
Cincinnati, Ohio						7.21	[3] 5.54	[3] 6.30	[3] 6.30	[3] 5.75	[3] 5.25
Cleveland, Ohio	14.88	14.75	14.50	14.31	13.44	8.37	[3] 7.43	[3] 7.10	[3] 6.81	[3] 6.61	[3] 5.52
Columbus, Ohio						6.68	[3] 6.09	[3] 6.07	[3] 6.09	[3] 5.35	[3] 4.92
Dallas, Tex.	[4] 17.75	[4] 15.50	[4] 15.00	[4] 14.00	[4] 14.00	14.22	13.17	12.92	12.58	10.50	10.75
Denver, Colo.	[5] 16.33	[5] 14.75	[5] 15.25	[5] 15.00	[5] 14.50	9.47	10.52	10.45	10.21	8.21	7.02
Detroit, Mich.	15.38	15.50	14.92	14.50	13.17	8.93	[3] 8.33	[3] 8.39	[3] 7.41	[3] 6.38	[3] 5.80
Fall River, Mass.	15.83	16.25	16.25	16.00	14.25						
Houston, Tex.						12.38	13.20	13.60	12.20	10.80	10.50
Indianapolis, Ind.	16.50					7.15	[3] 6.28	[3] 6.01	[3] 5.93	[3] 5.71	[3] 5.05
Jacksonville, Fla.						12.00	12.00	14.00	10.00	10.00	9.00
Kansas City, Mo.	[4] 15.17	[4] 12.55	[4] 12.44	[4] 11.38	[4] 10.50	8.13	7.33	7.18	6.79	6.04	5.59
Little Rock, Ark.	[4] 15.00	[4] 13.50	[4] 13.50	[4] 12.00	[4] 10.75	11.00	10.25	9.95	10.05	9.22	8.22
Los Angeles, Calif.						16.31	16.25	16.50	16.50	16.25	16.25
Louisville, Ky.						7.37	[3] 7.16	[3] 7.01	[3] 6.24	[3] 5.23	[3] 4.64
Manchester, N. H.	17.00	17.00	16.83	16.50	14.83						
Memphis, Tenn.						8.11	7.37	7.85	7.44	6.78	5.68
Milwaukee, Wis.	16.85	15.85	15.50	16.05	14.80	9.69	[3] 7.80	[3] 7.68	[3] 7.70	[3] 7.45	[3] 6.94
Minneapolis, Minn.	17.95	17.85	16.90	18.05	17.10	10.92	[3] 10.90	[3] 10.56	[3] 9.85	[3] 9.78	[3] 9.56
Mobile, Ala.						10.02	9.57	9.63	9.59	8.88	7.32
Newark, N. J.	13.43	13.46	13.40	13.55	11.88						
New Haven, Conn.	15.20	15.17	14.90	14.90	13.90						
New Orleans, La.						11.19	11.29	10.96	10.93	9.93	8.57
New York, N. Y.	14.33	14.13	13.67	13.83	11.64						
Norfolk, Va.	15.50	14.00	15.00	14.50	13.00	9.27	[3] 7.88	[3] 7.25	[3] 7.38	[3] 7.00	[3] 6.50
Omaha, Nebr.						10.04	9.50	9.69	9.68	8.77	8.35
Peoria, Ill.						6.79	6.90	6.75	6.43	6.25	6.09
Philadelphia, Pa.	[2] 15.32	[2] 14.50	13.50	13.50	11.50						
Pittsburgh, Pa.	16.50	15.00	14.50	14.00	12.75	6.83	5.25	5.29	4.91	4.47	3.26
Portland, Me.	16.50	16.80	16.80	16.80	15.60						
Portland, Oreg.						13.64	13.07	13.46	13.38	12.07	11.52
Providence, R. I.	[5] 16.00	[5] 16.00	[5] 16.00	[5] 15.75	[5] 14.50						
Richmond, Va.	15.50	15.00	15.00	14.50	13.50	8.83	[3] 8.38	[3] 8.38	[3] 8.75	[3] 8.00	[3] 6.83
Rochester, N. Y.	14.15	14.25	14.00	14.38	13.00						
St. Louis, Mo.	16.88	16.45	15.98	16.47	15.22	6.69	6.40	6.75	6.40	5.57	5.44
St. Paul, Minn.	17.95	17.85	16.90	18.05	17.10	11.57	[3] 10.68	[3] 10.27	[3] 9.58	[3] 9.60	[3] 9.40
Salt Lake City, Utah	[5] 18.50	[5] 18.00				8.40	7.86	8.37	8.47	7.58	7.01
San Francisco, Calif.	[7] 26.50	[7] 26.00	[7] 26.00	[7] 26.00	[7] 25.00	17.28	16.75	16.98	17.00	17.00	15.00
Savannah, Ga.	[8] 17.00					[8] 11.50	[8] 10.53	[8] 10.24	[8] 10.53	[8] 8.53	[8] 8.28
Scranton, Pa.	10.62	9.92	9.88	10.03	8.68						
Seattle, Wash.						10.21	10.48	10.68	10.79	10.54	9.79
Springfield, Ill.						4.25	4.24	4.34	4.34	4.34	3.68
Washington, D. C.	[2] 15.67	[2] 15.23	[2] 15.23	[2] 15.40	[2] 14.15	[2,3] 8.88	[2,3] 8.75	[2,3] 8.63	[2,3] 8.61	[2,3] 8.46	[2,3] 8.18

[1] The term "anthracite" signifies Pennsylvania anthracite, except as indicated by notes.
[2] Per ton of 2,240 pounds.
[3] Prepared sizes, high volatile.
[4] Arkansas anthracite, egg or furnace.
[5] Colorado anthracite, furnace, 1 and 2 mixed.
[6] 50 cents per ton additional is charged for binning.
[7] New Mexico anthracite, Cerillos egg.
[8] 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. 700.—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	
1913[2]	*Dollars* 7.91		100		*Dollars* 7.73		100		*Dollars* 5.43		100	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July	Jan.	July	Jan.	July
1919	11.61	12.17	147	154	11.51	12.14	149	157	7.90	8.10	145	149
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	------	172	------	13.82	------	179	------	7.46	------	137	------

[1] Prices represent combined averages for cities shown in Table 699.
[2] Average of prices for January and July; this is the base for relative prices. [3] Insufficient data.

No. 701.—NATURAL GAS AND NATURAL GASOLINE

NOTE.—**Quantities of gas in millions of cubic feet, of gasoline in thousands of gallons; values in thousands of dollars.** Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Values given are at the point of consumption. Consumption figures by States differ greatly from production figures by reason of interstate transportation

Yearly average or year	Natural gas produced and marketed		Natural gasoline			Year	Natural gas produced and marketed		Natural gasoline		
	Quantity	Value	Gas treated	Production	Value		Quantity	Value	Gas treated	Production	Value
1906–1910	437,057	57,940	-------	-------	-------	1924	1,141,521	253,856	1,016,276	933,861	82,233
1911–1915	575,708	88,492	11,002	30,317	2,481	1925	1,188,571	265,271	1,040,390	1,127,470	120,383
1916–1920	762,681	154,590	412,787	268,038	48,174	1926	1,313,019	300,168	1,206,300	1,363,090	136,412
1921–1925	947,419	229,002	820,445	762,151	82,205	1927	1,445,428	317,930	1,341,248	1,641,144	118,688
1926–1930	1,637,540	362,238	1,613,811	1,852,490	136,123	1928	1,568,139	363,726	1,473,434	1,814,034	138,944
1920	798,210	196,194	496,431	384,744	71,788	1929	1,917,693	413,276	1,959,294	2,233,688	158,410
1921	662,052	174,617	465,097	449,934	61,815	1930	1,943,421	416,090	2,088,778	2,210,494	128,160
1922	762,546	221,535	545,139	505,832	72,711	1931	1,686,436	392,815	1,760,119	1,831,918	63,732
1923	1,006,976	240,001	875,711	816,226	77,268	1932[1]	1,518,000	357,000	(2)	1,502,400	(2)

State	Natural gas produced and marketed					Natural gas consumed	Natural gasoline produced		
	1915	1920	1925	1930	1931	1931	1930	1931	1932[1]
Total	**628,670**	**798,210**	**1,188,571**	**1,943,421**	**1,686,436**	**1,684,249**	**2,210,494**	**1,831,918**	**1,502,400**
Arkansas	[3] 992	19,050	41,878	18,585	13,300	32,278	30,637	26,282	19,400
California	21,891	66,041	187,789	334,789	305,930	305,930	829,713	680,339	545,400
Illinois	2,090	3,013	4,165	2,890	2,130	14,050	6,867	5,024	(2)
Indiana	2,261	4,435	1,168	1,217	1,337	4,695	2	1	(2)
Kansas	27,046	33,140	26,917	37,630	38,742	65,609	35,106	32,690	24,600
Kentucky	1,667	15,297	10,770	28,023	27,870	15,533	6,641	5,464	(2)
Louisiana	25,540	46,219	152,620	278,341	224,155	131,986	73,693	58,034	46,400
Montana	6	818	1,496	10,060	10,949	[4] 8,359	-------	-------	(2)
New Mexico	-------	-------	(5)	9,497	19,354	12,443	3,663	17,775	(2)
New York	7,977	19,127	[6] 6,210	[6] 9,624	[6] 7,868	16,956	208	132	(2)
Ohio	79,510	136,872	43,235	63,394	56,326	107,400	8,937	5,199	(2)
Oklahoma	87,517	126,689	249,285	348,116	263,685	248,949	591,194	454,886	377,700
Pennsylvania	113,682	161,397	101,632	88,706	[7] 74,797	92,629	16,713	14,339	(2)
Texas	13,324	49,467	[8] 134,872	[9] 517,880	[3] 464,580	447,632	491,299	426,695	352,500
West Virginia	244,004	100,289	180,345	144,180	124,797	55,115	63,328	52,844	(2)
Wyoming	[9] 342	10,312	45,539	43,219	39,770	30,622	51,132	51,523	(2)
All other	120	6,044	650	7,270	10,846	88,003	1,361	691	(2)

[1] Preliminary. [2] Not yet available. [3] Includes gas piped from Oklahoma and consumed in Arkansas.
[4] Includes 44,000,000 cubic feet piped from Canada. [5] Included in "All other."
[6] Includes 68,000,000 cubic feet piped to Canada in 1925, 107,000,000 in 1930, and 38,000,000 in 1931.
[7] Includes 36,000,000 cubic feet piped to Canada. [8] Includes 64,000,000 cubic feet piped to Mexico in 1925, 1,691,000,000 in 1930, and 2,157,000,000 in 1931. [9] Includes Colorado.

Sources: Table 700, Bureau of Labor Statistics, Department of Labor; Table 701, Bureau of Mines, Department of Commerce.

No. 702.—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	188,416	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	390,681
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. 703.—MANUFACTURED-GAS INDUSTRY: SUMMARY OF STATISTICS

NOTE.—Companies formerly distributing manufactured gas but which were distributing natural gas at the beginning of 1931 have been excluded for all years shown in this table. These data are therefore not comparable with data on the manufactured gas industry previously published

	1929	1930	1931	1932
Population served, Dec. 31 (thousands)	48,408	49,568	50,220	50,500
Miles of main, Dec. 31	86,988	90,536	95,166	97,000
Employees, Dec. 31	76,430	75,800	73,510	70,000
Total gas produced and purchased (million cubic feet)	435,106	433,762	419,129	396,600
Gas produced	*316,408*	*310,990*	*301,269*	*268,130*
Gas purchased	118,698	122,772	117,860	128,470
Average number of customers (thousands)	10,294	10,483	10,480	10,223
Domestic	9,808	9,967	9,937	9,670
House heating	*33*	*44*	*51*	*55*
Industrial and commercial	446	465	485	490
Miscellaneous	7	7	7	8
Total gas sales to consumers (million cubic feet)	401,154	403,153	391,197	372,208
Domestic	281,201	282,768	276,976	267,281
House heating	14,261	18,384	19,908	21,640
Industrial and commercial	103,490	99,667	92,248	81,271
Miscellaneous	2,202	2,334	2,065	2,016
Total revenue from consumers (thousand dollars)	444,115	446,756	435,390	411,750
Domestic	340,460	341,741	335,429	322,052
House heating	12,076	15,235	16,062	15,965
Industrial and commercial	89,684	87,877	82,297	72,339
Miscellaneous	1,905	1,903	1,602	1,394

No. 704.—AVERAGE NET PRICE OF MANUFACTURED GAS

NOTE.—Net prices for the first 1,000 cubic feet for household use in cities specified in the first section of Table 705

Date	Actual	Relative	Date	Actual	Relative	Date	Actual	Relative
Apr. 15, 1913	$0.95	100	Apr. 15, 1920	$1.09	115	Dec. 15, 1926	$1.22	128
Apr. 15, 1914	.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

Sources: Table 702, Bureau of the Census, Department of Commerce; Table 703, American Gas Association; Table 704, Bureau of Labor Statistics, Department of Labor.

No. 705.—RETAIL PRICES OF GAS IN PRINCIPAL CITIES

NOTE.—Prices are net per 1,000 cubic feet of gas for household use. Prices for manufactured gas are based on a family consumption of 3,000 cubic feet per month. In cities where a service charge or a sliding scale is in operation rates are slightly higher for families using less than 3,000 cubic feet per month and slightly lower for those consuming more. Prices for natural gas and for mixed manufactured and natural gas (principally natural gas) are based on a family consumption of 5,000 cubic feet per month

City	Apr. 15, 1913	Apr. 15, 1915	Apr. 15, 1920	May 15, 1921	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	Dec. 15, 1932
MANUFACTURED GAS																
Atlanta	$1.00	$1.00	$1.15	$1.00	$1.65	$1.65	$1.55	$1.55	$1.55	$1.55	$1.55	$1.43				
Baltimore	.90	.80	.75	.75	.92	.92	.85	.85	.85	.85	.85	.85	$0.85	$0.85	$0.85	$0.85
Birmingham	1.00	.95	.95	.88	.88	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80
Boston	.81	.80	1.08	1.40	1.32	1.25	1.20	1.18	1.18	1.18	1.18	1.18	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	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	1.55	1.45	1.45	1.45
Chicago	.80	.80	.87	1.20	1.07	1.07	1.02	1.02	1.02	1.02	.98	.98	.98	[1] .98		
Cleveland	.80	.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
Denver	.85	.80	.95	.95	.95	.95	.95	.95	.95	.90	.90					
Detroit	.75	.75	.79	.85	.79	.79	.82	.82	.79	.79	.79	.79	.79	.79	.77	.77
Fall River	.80	.80	1.05	1.25	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.14	1.14	1.14	1.14
Houston	1.00	1.00	1.09	1.09	1.09	1.09	1.09	1.05								
Indianapolis	.60	.55	.60	.90	1.20	1.15	1.15	1.10	1.05	1.05	.95	.95	.95	.95	.95	.95
Jacksonville	1.20	1.15	1.50	1.75	1.65	1.65	1.97	1.97	1.97	1.92	1.92	1.92	1.92	1.92	1.92	1.92
Manchester	1.10	1.00	1.18	1.58	1.48	1.48	1.38	1.38	1.38	1.38	1.34	1.34	1.34	1.34	1.34	1.34
Memphis	1.00	1.00	1.27	1.35	1.20	1.20	1.20	1.20	1.20	1.20	1.20					
Milwaukee	.75	.75	.75	.90	.90	.86	.82	.82	.82	.82	.82	.82	.82	.82	.82	.82
Minneapolis	.85	.80	.95	1.28	1.02	1.05	1.01	.95	.97	.96	.94	.89	1.05	.99	.96	.96
Mobile	1.10	1.10	1.35	1.80	1.80	1.80	1.80	1.80	1.80	1.76	1.76	1.76	1.76			
Newark	1.00	.90	1.15	1.40	1.25	1.25	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21
New Haven	.90	.90	1.10	1.27	1.18	1.18	1.18	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
New Orleans	1.10	1.00	1.30	1.30	1.45	1.30	1.30	1.30	1.30	1.30	1.30					
New York	.84	.83	.87	1.40	1.31	1.23	1.23	1.23	1.23	1.24	1.25	1.25	1.24	1.24	1.23	1.23
Norfolk	1.00	1.00	1.00	1.40	1.40	1.40	1.40	1.40	1.33	1.33	1.33	1.33	1.32	1.32	1.32	1.28
Omaha	1.15	1.15	1.15	1.47	1.18	1.18	1.18	1.08	1.08	1.08	1.09	.95	.95	.88	.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	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	1.00	.95	.95	.88
Portland, Me.	1.10	1.00	1.40	1.85	1.65	1.55	1.55	1.55	1.50	1.42	1.42	1.42	1.42	1.42	1.42	1.42
Portland, Oreg.	.95	.95	.95	1.38	1.25	1.16	1.16	1.16	1.19	1.17	1.17	1.17	1.17	1.17	1.17	1.17
Providence	.85	.85	1.30	1.42	1.42	1.22	1.22	1.17	1.17	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	1.30	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
Rochester	.95	.95	.95	1.18	1.10	1.05	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	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.11	1.11	1.11	[2] 1.10	[3] 1.30
St. Paul	.95	.90	.85	1.00	1.00	.85	.85	.85	.90	.90	.90	.90	.90	.90	.90	.90
Salt Lake City	.87	.87	1.35	1.57	1.57	1.57	1.57	1.54	1.53	1.52	1.51	1.51				
San Francisco	.75	.85	.95	1.05	1.02	.92	1.00	1.05	.95	.95	.94	.90				
Savannah			1.25	1.60	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	1.70	1.60	1.60	1.50	1.50	1.50	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	1.45	1.43	1.43	1.43	1.43
Springfield, Ill.	1.00	1.00	1.10	1.40	1.40	1.35	1.35	1.35	1.25	1.25	1.25	1.25	[4] 1.25			
Washington	.93	.93	.95	1.25	1.05	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.95	.93	.93
NATURAL GAS AND MIXED MANUFACTURED AND NATURAL GAS																
Atlanta													$1.17	$1.09	$1.09	$1.09
Buffalo							$0.60	$0.60	$0.65	$0.65	$0.65	$0.65	.65	.65	.65	.65
Butte															.70	.70
Chicago															[5] 1.32	[5] 1.32
Cincinnati	$0.30	$0.30	$0.35	$0.35	$0.50	$0.50	.50	.75	.75	.75	.75	.75	.75	.75	.75	.75
Cleveland	.30	.30	.35	.35	.40	.55	.55	.55	.60	.60	.60	.60	.60	.60	.60	.60
Columbus	.30	.30	.30	.30	.45	.45	.45	.55	.55	.48	.48	.48	.48	.48	.48	.48
Dallas	.45	.45	.45	.68	.68	.68	.68	.74	.74	.79	.79	.79	.79	.79	.79	.79
Denver												.99	.99	.99	.99	.99
Houston									.75	.75	.75	.75	.75	.75	.75	.75
Kansas City	.27	.27	.80	.90	.90	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95	.95
Little Rock	.40	.40	.45	.45	.45	.45	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65
Los Angeles									.91	.91	.84	.84	.84	.84	.84	.84
Louisville		.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.38
Memphis											.97	.95	.95	.95	.95	.95
Mobile														1.24	1.24	1.24
New Orleans											.95	.95	.95	.95	.95	.95
Peoria															[6] 1.95	[6] 1.95
Pittsburgh	.28	.28	.35	.45	.50	.50	.53	.60	.60	.60	.60	.60	.60	.60	.60	.60
Salt Lake City													.99	.99	.99	.99
San Francisco													.97	.97	.97	.97
Springfield															[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. 706.—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	1906	126,494	92,445	1920	442,929	1,360,745
1866–1870	4,013	15,795	1907	166,095	120,107			
1871–1875	8,221	16,430	1908	178,527	129,079	1921	472,183	814,745
1876–1880	16,816	22,926	1909	183,171	128,329	*1922*	*557,531*	*895,111*
			1910	209,557	127,900	1923	732,407	978,430
1881–1885	25,508	22,933				1924	713,940	1,022,683
1886–1890	32,990	23,830	1911	220,449	134,045	1925	763,743	1,284,960
1891–1895	51,095	35,708	1912	222,935	164,213			
1896–1900	59,498	56,836	1913	248,446	237,121	1926	770,874	1,447,760
1901–1905	102,083	83,524	1914	*265,763*	*214,125*	*1927*	*901,129*	*1,172,830*
			1915	281,104	179,463	1928	901,474	1,054,880
1906–1910	172,769	119,572				1929	1,007,323	1,280,417
1911–1915	247,739	185,793	1916	300,767	330,900	1930	898,011	1,070,200
1916–1920	362,661	735,698	1917	335,316	522,635			
1921–1925	647,961	999,186	1918	355,928	703,944	1931	851,081	550,630
1926–1930	895,762	1,205,217	1919	378,367	760,266	1932 (prel.)	781,845	680,205

Source: Bureau of Mines, Department of Commerce.

No. 707.—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	58,806	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
1915	281,104	18,130	44	3,768	51,377	3,566	10.4	.2	4.3	138.3	3.2
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	120,159	51,226	90.5	40.9	26.8	465.2	59.4
1929	1,007,323	78,923	29,632	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	47,260	38,702	25,535	91,009	43,714	39.2	52.1	20.8	232.3	38.8
1932	781,845	44,700	30,228	27,391	[3] 69,348	38,152	30.4	29.2	27.1	168.1	29.4

[1] Data are not available.
[2] Average for years 1908–1910 for total mineral oils.
[3] Not including natural gasoline (308,000 barrels in 1932) formerly included with refined oils.

Source: Bureau of Mines and Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 708.—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)	1929	1930	1931	1932 (prel.)
World total [1]	236,795	384,345	541,733	944,768	1,316,008	1,485,887	1,411,905	1,372,532	1,305,663
United States [2]	137,426	247,739	362,661	647,961	895,762	1,007,323	898,011	851,081	781,845
Per cent of total	*58.0*	*64.4*	*66.8*	*68.6*	*68.1*	*67.8*	*63.6*	*62.0*	*59.9*
Regions:									
Appalachian	28,943	24,594	27,161	28,504	31,603	33,824	34,105	30,401	29,587
Lima—N. E. Ind. [3]—Mich	17,253	5,052	3,468	2,298	3,609	6,075	5,276	4,941	7,822
Illinois—S. W. Indiana [3]	12,650	24,955	13,918	9,585	7,495	7,237	6,677	5,842	5,437
Mid-continent	25,088	87,656	184,616	343,545	527,944	584,280	531,447	543,736	490,324
Gulf	17,436	12,357	24,273	33,688	54,140	57,106	60,676	57,592	53,146
Rocky Mountain	402	2,605	11,830	35,258	20,468	25,267	23,501	19,739	17,401
California	35,641	90,512	97,384	195,074	241,509	292,534	227,320	188,830	178,128
States:									
Arkansas				36,644	35,010	24,917	19,702	14,761	11,907
California	35,641	90,512	97,384	195,074	241,509	292,534	227,329	188,830	178,128
Colorado	381	211	139	392	2,477	2,358	1,656	1,545	1,177
Illinois	12,659	24,955	13,918	8,815	6,654	6,319	5,736	5,039	4,661
Indiana	6,527	1,167	865	1,011	937	981	994	840	804
Kansas [4]	4,603	2,235	32,556	32,733	41,123	42,813	41,638	37,018	34,300
Kentucky [5]	696	484	5,336	8,044	7,103	7,775	7,389	6,456	6,264
Louisiana	4,310	12,997	19,117	25,759	22,338	20,554	23,272	21,804	21,478
Michigan				1	1,913	4,528	3,911	3,789	6,729
Montana			129	2,729	4,826	3,980	3,349	2,830	2,449
New Mexico [6]				[7] 554	3,171	1,830	10,189	15,227	12,511
New York	1,153	920	864	1,274	2,765	3,377	3,647	3,363	3,501
Ohio	15,677	8,586	7,583	7,045	7,022	6,743	6,486	5,327	4,597
Oklahoma [4]	19,076	68,624	102,209	155,088	235,663	255,004	216,486	180,574	152,621
Pennsylvania	10,538	8,002	7,662	7,607	10,613	11,820	12,803	11,892	12,403
Texas	14,534	16,256	55,008	127,009	245,792	296,876	290,457	332,437	311,069
West Virginia	11,605	10,487	8,311	6,575	5,655	5,574	5,071	4,472	3,882
Wyoming	21	2,394	11,562	31,901	21,145	19,314	17,868	14,834	13,359

[1] Estimated. [2] Includes for certain years small quantities not distributed by regions and States.
[3] Southwestern Indiana reported with Illinois beginning 1921; previously with Lima-Indiana region.
[4] Kansas includes 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. 709.—STOCKS OF CRUDE AND REFINED MINERAL OILS ON DECEMBER 31

[In thousands of barrels of 42 gallons]

	1926	1927	1928	1929	1930	1931	1932 [1]
Stocks of refinable crude, total [2]	315,029	379,660	392,629	428,445	411,882	370,919	338,718
East of California, total	284,168	359,574	374,874	387,396	368,484	328,805	299,378
Pipe line and tank-farm stocks by field of origin, total	242,180	312,637	327,565	334,891	320,740	286,057	245,376
Appalachian	7,790	7,334	5,515	5,239	6,492	6,115	5,761
Lima-N.E. Indiana-Michigan	666	1,134	1,162	544	1,453	1,500	1,069
Illinois and southwestern Indiana	11,770	12,170	11,367	10,411	10,252	9,790	11,210
Mid-continent	173,848	246,839	265,748	274,187	259,139	231,976	199,627
Gulf coast	20,031	17,922	18,272	20,129	18,255	13,316	12,130
Rocky Mountain	28,075	27,238	25,501	24,381	25,149	23,300	15,579
Refinery and importers' stocks	36,084	39,401	40,788	46,307	41,136	36,546	47,902
Producers' stocks (at wells)	5,904	7,536	6,521	6,198	6,608	6,202	6,100
California, light	30,861	20,086	17,755	41,049	43,398	42,114	39,340
Natural gasoline [3]	455	734	607	604	3,100	2,818	3,197
Stocks of refined products [3] [4]	211,600	216,782	227,774	260,448	251,680	[5] 257,999	[5] 246,257
Grand total stocks all oils	527,084	597,176	621,010	689,497	666,862	631,736	588,172

[1] Preliminary.
[2] Not including California heavy crude and residual fuel.
[3] Natural gasoline at refinery included with refined products prior to 1930.
[4] Includes California heavy crude and residual fuel; also wax, coke, and asphalt.
[5] Includes bulk terminal stocks of gasoline.

Source of Tables 708 and 709; Bureau of Mines, Department of Commerce.

No. 710.—SUPPLY AND DEMAND OF CRUDE AND REFINED OILS

[In thousands of barrels of 42 gallons]

	1926	1927	1928	1929	1930	1931	1932 (preliminary)
Total new supply of all oils	886, 611	1, 014, 084	1, 038, 166	1, 171, 359	1, 058, 949	982, 611	893, 206
Domestic production, total	805, 291	942, 348	946, 009	1, 062, 649	953, 331	896, 524	818, 761
Crude petroleum	770, 874	901, 129	901, 474	1, 007, 323	898, 011	851, 031	781, 845
Natural gasoline	32, 305	38, 657	42, 326	52, 271	52, 631	43, 617	35, 772
Benzol	2, 112	2, 562	2, 809	3, 055	2, 689	1, 826	1, 144
Imports—							
Crude	60, 382	58, 383	79, 767	78, 933	62, 129	47, 250	44, 688
Refined [1]	20, 938	13, 353	11, 790	29, 777	43, 489	38, 837	29, 757
Change in stocks [2]	−26, 419	+70, 092	+22, 775	+68, 156	−24, 000	−44, 989	−43, 564
Total demand	913, 030	943, 992	1, 015, 391	1, 103, 203	1, 082, 949	1, 027, 600	936, 770
Exports [3]—							
Crude	15, 407	15, 844	18, 966	20, 401	23, 705	25, 535	27, 393
Refined [1]	116, 543	125, 805	135, 991	136, 719	132, 794	98, 859	75, 695
Domestic [4]	781, 080	802, 343	860, 434	940, 083	926, 450	903, 206	833, 682
Bunker oil	46, 662	50, 051	51, 226	52, 278	50, 773	43, 714	38, 152

[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 Commerce.

No. 711.—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, 930	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	330	(2)	3, 817	(2)
All other, including fuel and power					(2)	145, 460	(2)
All products, total value					2, 142, 649	2, 639, 665	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, 502, 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	504, 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, 849	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, 408	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.

Source: Bureau of the Census, Department of Commerce.

No. 712.—PETROLEUM PRODUCTS: Oils Run to Stills, Output of Refineries, Stocks, Exports, and Apparent Consumption of Products

Note.—Stocks are those in refiners' hands only. Hence "apparent consumption" represents deliveries by refiners to dealers and consumers. Exports include shipments to noncontiguous territories. Consumption figures for kerosene and lubricants take into account imports not shown separately

[In thousands of barrels of 42 gallons, except as indicated]

Item	1918	1920	1925	1928	1929	1930	1931	1932
Crude oil run to stills	326,025	433,915	739,920	913,205	987,708	927,447	804,608	819,997
Domestic	324,618	372,779	698,582	835,711	912,191	866,615	847,671	777,696
Foreign	1,407	61,136	41,338	77,584	75,517	60,832	46,937	42,301
Natural gasoline run to stills or blended at refineries	2,451	3,153	[1] 19,636	[1] 35,223	[1] 46,457	[1] 43,170	[1] 35,116	[1] 26,332
Stocks of crude oil, end of year	15,750	21,261	[2] 20,200	[2] 40,529	[2] 46,307	[2] 41,136	[2] 36,546	[2] 47,816
Motor fuel:								
Production	86,280	118,022	202,252	380,990	439,393	440,728	437,735	399,524
Exports (gasoline and benzol)	13,650	15,675	31,684	53,412	62,059	65,575	45,716	35,434
Imports (gasoline)	307	964	3,813	4,198	8,834	16,927	13,621	8,209
Stocks, end of year	7,080	11,009	38,875	33,002	43,261	40,098	[3] 55,226	[3] 53,805
Apparent consumption	75,672	102,037	220,329	332,033	375,999	394,800	403,418	373,720
Kerosene:								
Production	43,461	55,240	59,089	59,353	55,940	49,208	42,446	43,836
Exports	11,820	20,878	21,212	22,034	20,022	16,884	12,712	10,956
Stocks, end of year	9,050	9,359	7,121	9,001	9,095	6,883	5,332	4,074
Apparent consumption	34,442	33,082	39,969	36,235	36,032	34,736	31,296	33,310
Gas oil and fuel oil:								
Production	174,319	210,987	364,991	427,237	428,219	372,498	336,967	294,754
Exports	29,637	22,080	36,088	44,427	39,151	36,450	29,231	19,874
Stocks, end of year	15,691	19,938	[2] 24,681	[2] 34,926	[4] 39,762	[4] 37,007	[5] 135,856	[6] 129,881
Lubricants:								
Production	20,035	24,938	31,055	34,658	34,359	34,201	26,704	22,433
Exports	6,165	9,643	9,678	11,023	10,860	9,935	8,128	6,857
Stocks, end of year	3,306	3,822	7,253	8,340	8,269	10,971	9,511	8,465
Apparent consumption	13,823	14,742	20,581	23,168	23,609	21,589	20,068	16,641
Wax—production, 1,000 lbs	505,144	541,204	590,577	630,144	630,074	547,680	477,400	458,920
Stocks, end of year, do	199,658	195,368	116,391	110,344	189,592	232,592	180,843	163,628
Coke—production, 1,000 tons [6]	560	577	991	1,427	1,821	1,940	2,032	1,789
Stocks, end of year, do	23	32	238	437	745	1,069	1,512	1,330
Asphalt—production, 1,000 tons [6]	608	1,291	2,677	3,297	3,469	3,308	2,976	2,475
Stocks, end of year, do	77	81	159	236	240	308	302	276
Other finished products			8,044	9,402	9,924	13,179	[7] 47,957	[7] 49,522
Losses	14,557	18,743	22,914	29,040	35,004	37,003	[7] 19,070	[7] 20,652

[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. 713.—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, 1932				
	1931	1932	1931	1932	Gasoline	Kerosene	Gas oil and fuel oil	Lubricants	Wax
Total	804,608	819,997	35,116	26,332	392,623	43,836	294,754	22,433	458,920
East coast	168,790	162,534	1,509	641	68,261	7,150	62,834	6,712	209,440
Appalachian	36,372	34,136	515	377	17,022	3,289	4,673	4,101	85,120
Indiana, Illinois, Kentucky, etc	115,442	105,758	2,898	1,859	61,897	3,517	22,508	2,002	42,560
Oklahoma, Kansas, and Missouri	105,050	87,170	5,351	4,847	51,525	6,564	23,700	2,476	28,840
Texas	217,356	196,578	9,847	6,449	95,933	12,193	69,204	4,996	32,200
Louisiana and Arkansas	59,911	54,150	2,529	1,638	24,242	4,627	20,828	466	50,960
Rocky Mountain	18,679	13,934	1,266	991	7,993	506	3,410	178	9,800
California	173,008	164,737	11,201	9,530	65,750	5,990	87,597	1,502	

Source: Tables 712 and 713, Bureau of Mines, Department of Commerce.

No. 714.—PETROLEUM PIPE LINES

[All figures, except miles of line operated, in thousands of dollars]

Company and State or field served	Miles of line operated	Investment in pipe lines	Other investments	Pipeline operating revenues	Pipeline operating expenses	Pipeline operating income	Net income
ALL REPORTING COMPANIES							
1921	55,260	365,024	287,114	115,050	62,370	25,530	34,400
1922	57,349	382,280	284,344	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	117,205
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	116,767	120,738

Source: Interstate Commerce Commission.

No. 715.—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, 1932	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	0.955	8.6	9.2	0.546	14.0
1922	1.78	21.7	12.4	1.24	----	February	.955	8.6	9.2	.559	14.1
1923	1.71	17.5	12.8	1.20	----	March	.951	8.7	9.2	.573	14.3
1924	1.84	15.9	12.7	1.35	----	April	1.02	9.0	9.2	.611	14.6
1925	1.96	16.6	12.3	1.46	24.3	May	1.08	9.2	9.5	.635	15.5
1926	2.03	17.5	14.7	1.47	23.3	June	1.08	9.1	9.5	.636	15.9
1927	1.55	15.0	12.9	1.14	21.2	July	1.08	9.5	9.5	.657	16.4
1928	1.54	14.7	12.9	.91	20.7	August	1.08	9.1	9.5	.652	16.0
1929	1.67	13.9	13.4	.89	26.3	September	1.06	9.1	9.5	.624	14.3
1930	1.39	11.7	12.1	.78	19.8	October	1.03	8.3	9.5	.643	13.3
1931	.91	8.7	10.3	.57	14.7	November	1.03	8.6	9.5	.677	12.6
1932	1.02	8.9	9.4	.62	14.5	December	.903	8.5	9.7	.677	12.5

No. 716.—ASPHALT: PRODUCTION, EXPORTS, AND IMPORTS

Quantity and value	1915	1920	1925	1930	1931	1932
QUANTITY (TONS OF 2,000 POUNDS)						
Manufactured asphalt produced and sold [1]	1,052,821	1,746,275	3,178,370	4,153,994	4,073,870	3,797,864
From domestic petroleum	664,503	700,496	1,206,700	2,167,068	2,206,568	2,308,785
From foreign petroleum	388,318	1,045,779	1,971,670	1,986,926	1,867,302	1,489,079
Native asphalt produced and sold [2]	75,751	198,497	584,850	702,777	503,383	340,019
Asphalt (chiefly lake) imported	138,248	128,414	122,162	53,197	73,672	20,473
Asphalt exported:						
Native, unmanufactured	42,787	51,706	32,835	23,160	18,977	12,365
Petroleum asphalt	----	----	89,014	410,389	288,099	206,006
VALUE (THOUSANDS OF DOLLARS)						
Manufactured asphalt produced and sold [1]	8,446	26,258	42,826	42,032	31,806	25,011
From domestic petroleum	4,716	11,985	15,306	20,851	16,615	14,898
From foreign petroleum	3,730	14,273	27,520	21,181	15,191	11,013
Native asphalt produced and sold [2]	526	1,214	4,148	4,463	2,930	1,943
Asphalt (chiefly lake) imported	680	1,068	907	457	726	251
Asphalt exported:						
Native—						
Unmanufactured	736	1,356	826	629	531	449
Manufactured, including roofing	439	842	2,526	1,808	969	573
Petroleum asphalt	----	----	1,762	7,277	4,941	3,168

[1] Including road oil.
[2] Native asphalt and related bitumens.

Source: Bureau of Mines, Department of Commerce.

No. 717.—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 718.) Data for 1932 are preliminary; leaders indicate separate data not yet available.

State	1910	1915	1920	1925	1929	1930	1931	1932
	Thousands of barrels of 376 pounds							
Production, total	76,550	85,915	100,023	161,659	170,646	161,197	125,429	76,509
Alabama	[1] 1,481	([2])	1,132	6,288	5,006	4,821	4,447	
California	[3] 6,386	4,503	7,098	13,098	13,092	10,124	7,740	5,508
Illinois	4,459	5,157	5,539	7,101	8,243	7,935	6,407	
Iowa	[4] 2,010	4,560	4,849	4,648	6,373	7,088	5,804	
Kansas	5,656	3,580	4,341	6,511	6,740	6,012	4,145	
Michigan	3,088	4,765	4,891	10,936	13,749	11,511	6,133	4,329
Missouri	4,456	4,627	6,018	8,332	8,113	7,809	5,667	
New York	3,296	5,044	5,885	8,770	10,761	10,373	9,487	
Ohio	1,528	1,949	1,780	5,715	9,427	8,632	6,069	
Pennsylvania	26,676	28,649	28,269	42,347	39,355	37,844	28,510	
Tennessee	([2])	([2])	([2])	([2])	4,442	3,875	3,303	
Texas	[5] 2,287	1,939	2,562	4,858	7,374	6,782	6,189	3,750
Other States	14,627	21,142	27,659	43,055	37,971	38,303	31,528	
Shipments	([6])	86,892	96,312	157,295	169,868	159,059	127,151	80,579
Imports	307	42	525	3,657	1,745	985	470	468
Stocks, end of year	([6])	11,463	8,833	18,336	23,701	25,899	24,177	20,200

[1] Includes Georgia and Tennessee.
[2] Included in other States.
[3] California includes Washington.
[4] Includes Kentucky and West Virginia.
[5] Includes Oklahoma.
[6] Not available.

No. 718.—PORTLAND CEMENT: SHIPMENTS BY DESTINATIONS

[In thousands of barrels of 376 pounds]

State	1929	1930	1931	1932 [1]
Shipped from cement plants	169,868	159,059	127,151	80,579
Shipments to States	168,754	158,080	126,405	79,930
New England	7,733	7,528	6,367	4,171
Maine	600	836	527	410
New Hampshire	666	560	437	266
Vermont	929	582	312	259
Massachusetts	2,908	3,091	3,044	2,124
Rhode Island	721	705	570	305
Connecticut	1,909	1,754	1,477	807
Middle Atlantic	42,190	40,479	32,745	18,598
New York	21,040	20,147	19,756	11,045
New Jersey	8,015	6,536	5,066	2,850
Pennsylvania	13,135	13,796	7,923	4,703
East North Central	46,494	39,891	28,010	19,903
Ohio	10,033	9,699	6,045	4,702
Indiana	5,675	4,928	3,880	3,001
Illinois	13,491	11,164	7,925	5,822
Michigan	11,687	8,626	5,582	3,428
Wisconsin	5,518	4,975	3,978	2,950
West North Central	19,347	21,178	16,705	11,515
Minnesota	3,213	3,669	3,716	3,146
Iowa	5,463	6,412	3,800	2,591
Missouri	5,621	6,145	4,259	3,453
North Dakota	445	338	258	176
South Dakota	530	541	637	334
Nebraska	1,470	1,676	1,903	771
Kansas	2,605	2,398	2,132	1,044
South Atlantic	12,641	12,693	12,373	7,063
Delaware	365	374	347	298
Maryland	2,426	2,555	2,014	1,559
District of Columbia	1,127	1,079	1,250	1,060
Virginia	1,765	1,648	1,596	904
West Virginia	1,415	1,599	1,421	858
North Carolina	1,753	1,165	1,015	448
South Carolina	1,190	1,655	2,251	368
Georgia	1,423	1,562	1,714	1,132
Florida	1,176	1,057	765	427
East South Central	7,498	5,999	4,800	3,394
Kentucky	1,576	1,695	1,628	1,370
Tennessee	2,935	2,411	1,396	1,166
Alabama	1,958	1,274	1,261	391
Mississippi	1,029	620	525	467
West South Central	14,149	14,166	13,028	6,752
Arkansas	1,556	1,459	1,223	270
Louisiana	1,657	2,892	3,906	1,286
Oklahoma	3,352	3,397	2,214	1,237
Texas	7,584	6,418	5,685	3,959
Mountain	3,495	2,979	2,511	1,949
Montana	552	319	263	150
Idaho	261	312	189	94
Wyoming	193	179	136	83
Colorado	892	844	776	492
New Mexico	286	208	265	174
Arizona	667	463	438	161
Utah	521	417	311	166
Nevada	133	147	133	629
Pacific	15,297	13,599	9,630	6,484
Washington	2,478	3,102	2,087	1,289
Oregon	1,017	1,070	927	523
California	11,802	9,427	6,616	4,672
Unspecified		16	235	99
Exports direct by manufacturers [2]	1,114	1,080	746	649

[1] Preliminary.
[2] Includes shipments to Alaska, Hawaii, and Puerto Rico.

Source of Tables 717 and 718: Bureau of Mines, Department of Commerce.

No. 719.—CEMENT PRODUCTION: QUANTITY, BY KINDS, AND TOTAL VALUE

NOTE.—Portland cement is expressed in barrels of 376 pounds; masonry, natural, and puzzolan cement in 1921 and later years in 376-pound barrels but prior to 1921 in barrels of 240, 265, and 320 pounds, respectively. For 1912 through 1924 the figures for masonry, natural, and puzzolan cement represent shipments

Year	Production in thousands of barrels			Total value in thousands of dollars	Year	Production in thousands of barrels			Total value in thousands of dollars
	Total	Portland	Masonry, natural, and puzzolan			Total	Portland	Masonry, natural, and puzzolan	
1890	7,777	336	7,441	4,527	1918	71,515	71,082	433	114,132
1895	8,731	990	7,741	5,482	1919	81,307	80,778	529	138,714
1900	17,231	8,482	8,749	13,284	1920	100,791	100,023	767	203,108
1905	40,102	35,247	4,855	35,932	1921	99,381	98,842	539	187,708
1907	52,230	48,785	3,445	55,904	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	66,090	64,991	1,098	53,011	1924	150,777	149,358	1,418	272,345
1910	77,785	76,550	1,235	68,752	1925	163,388	161,659	1,729	[1] 281,076
1911	79,548	78,529	1,019	66,705	1926	166,635	164,530	2,105	[1] 280,786
1912	83,351	82,438	913	67,462	1927	175,330	173,207	2,124	[1] 281,736
1913	92,949	92,097	852	93,001	1928	178,509	176,299	2,210	[1] 278,883
1914	89,050	88,230	820	82,204	1929	172,856	170,646	2,209	[1] 255,105
1915	86,708	85,915	794	74,285	1930	162,980	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 [2]		76,509		[1] 81,500

[1] Value of shipments. [2] Preliminary; leaders indicate data not yet available.

Source: Bureau of Mines, Department of Commerce.

No. 720.—STONE: PRODUCTION (SALES), BY VARIETIES AND USES

Variety and use	Quantity sold, thousands of short tons (2,000 pounds)[1]							Value, 1,000 dollars	
	1925	1926	1927	1928	1929	1930	1931	1930	1931
Total	115,851	124,496	136,345	133,870	141,110	126,996	97,933	178,949	135,086
Granite	8,074	9,330	10,707	9,556	10,827	10,047	8,068	30,424	25,974
Basalt and related rocks	11,842	12,978	13,211	15,328	14,872	14,532	12,553	17,053	13,823
Sandstone	4,499	4,979	5,051	4,717	5,790	4,594	4,582	10,285	7,575
Marble	564	563	600	579	554	477	350	12,906	10,420
Limestone	85,640	91,888	99,662	96,865	100,687	88,741	66,751	100,002	71,876
All other	5,242	4,759	7,115	6,825	8,380	8,604	5,629	8,279	5,418
Building stone	2,392	2,609	2,485	2,453	2,647	2,322	1,669	39,112	28,111
Monumental	363	360	358	348	366	291	237	13,158	9,634
Paving blocks	381	66	367	349	300	295	197	2,670	1,938
Curbing	393	346	378	383	336	262	171	3,176	2,242
Flagging	56	66	55	75	88	82	50	706	447
Rubble	1,197	540	809	908	908	1,067	432	922	592
Riprap	3,079	4,060	4,618	3,993	4,213	4,292	4,223	4,739	4,277
Crushed stone	75,673	82,516	94,949	91,265	92,721	87,111	72,024	87,554	70,405
Furnace flux (limestone and marble)	22,861	23,859	21,666	23,124	24,394	17,091	9,727	12,362	7,194
Refractory stone	1,261	1,531	1,363	1,348	1,558	1,198	611	1,407	633
Manufacturing industries (limestone and marble)	5,172	4,954	5,352	5,640	7,431	6,021	4,501	5,324	3,842
Agricultural limestone and other	3,023	3,289	3,944	3,983	6,147	6,967	3,490	7,820	5,771

[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 1931: Building stone, 21,461,000 cubic feet; monumental stone, 2,869,000 cubic feet; paving blocks, 22,441,000; curbing, 2,136,000 cubic feet; and flagging, 612,000 cubic feet.

Source: Bureau of Mines, Department of Commerce.

No. 721.—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					318,710	294,488	127,468
Brick:							
Common	Number	7,060,984	5,505,359	2,314,664	78,408	58,733	21,052
Vitrified	do	503,400	367,650	207,386	10,704	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
Architectural terra cotta	do	156	134	55	16,628	13,921	5,492
Hollow building tile or block	do	4,114	4,164	1,928	26,499	30,142	11,172
Tile (not drain):							
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.)					2,859	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					32,692	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	1,443	1,631	1,714	551
Rough, for sale as such	do	25,795	33,924	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. 722.—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	6,005	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	12,079	19,441	10,852	27,112	12,470	25,371	53,416
1921	4,448	562	873	57,096	12,870	18,128	9,008	14,841	12,560	22,155	24,833
1922	5,899	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	38,392	16,486	28,275	23,804	29,103	46,677
1924	7,150	554	2,030	86,692	12,974	39,931	16,446	24,998	24,842	32,400	40,621
1925	7,662	539	2,475	88,551	11,876	45,428	19,130	29,264	27,124	30,421	41,164
1926	7,517	468	2,440	88,227	10,285	44,516	19,667	27,818	34,985	29,303	42,707
1927	7,061	503	2,413	78,408	10,764	41,521	16,628	26,499	32,766	29,426	38,174
1928	6,413	378	2,412	69,333	7,800	40,034	13,642	25,792	31,523	23,969	37,392
1929	5,505	368	2,130	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

[1] Vitrified brick or block.

Sources: Bureau of the Census and Bureau of Mines, Department of Commerce.

No. 723.—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	1922	6,792,849	134,989	113,922
1885	985,411	2,108	440,290	1923	7,130,713	126,529	88,750
1890	1,242,779	2,464	257,323	1924	6,803,115	144,945	88,938
1895	1,913,751	3,602	279,576	1925	7,397,500	155,079	85,788
1900	2,921,708	7,511	199,909	1926	7,371,600	158,908	55,904
1905	3,635,257	34,238	161,159	1927	7,568,690	153,832	44,968
1910	4,242,792	49,013	137,103	1928	8,074,700	145,396	42,856
1915	5,352,409	80,474	122,326	1929	8,543,560	109,222	36,450
1919	6,882,902	119,416	59,514	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	6,447,351	63,581	28,018

State or kind	1910	1915	1920	1925	1930	1931	1932
Production, total	4,242,792	5,352,409	6,840,029	7,397,500	8,054,440	7,358,070	6,447,351
By States:							
Michigan	1,323,283	1,762,430	2,262,915	2,172,600	2,558,290	2,053,980	1,715,304
New York	[1] 1,629,953	1,570,446	1,903,101	2,053,970	2,009,280	1,788,940	1,556,642
Ohio	514,339	823,234	1,057,802	1,173,590	1,311,440	1,398,000	1,196,903
Kansas	393,603	527,123	783,655	812,540	759,800	691,160	688,178
Louisiana	(1)	(2)	265,085	500,350	535,250	529,280	488,805
California	131,252	146,784	212,008	292,480	350,370	334,900	281,349
Texas	53,503	62,297	91,103	(2)	(2)	103,040	139,730
Utah	34,979	55,279	75,259	88,150	85,240	74,010	61,230
West Virginia	21,788	32,513	29,802	25,870	28,670	35,480	49,629
Undistributed	140,093	372,303	159,299	277,950	416,100	349,280	269,491
By kinds:							
Manufactured (evaporated)	1,953,069	2,335,823	2,409,924	2,235,170	2,358,610	2,203,690	2,061,215
In brine	1,314,492	1,851,199	2,819,916	2,819,690	3,718,460	3,300,210	2,769,821
Rock salt	975,231	1,165,387	1,610,189	2,342,640	1,977,370	1,854,170	1,616,315
Total value (dollars)	7,900,344	11,747,886	29,894,075	26,162,361	25,009,480	21,541,012 [2]	19,468,096

[1] Louisiana is included with New York. [2] Included in "Undistributed."

Source: Bureau of Mines, Department of Commerce.

No. 724.—ACCIDENT RATES IN ALL BRANCHES OF THE MINERAL INDUSTRY, 1921 TO 1931

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	777,895	233,368,875	2,826	58,704	3.6	197.2
1926	242	1,058,843	855,632	256,089,813	3,201	52,752	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

[1] Excluding coal mines prior to 1930. Data excluding coal mines are: Number injured, 1930, 26,759; 1931, 16,063; number injured per thousand 300-day workers, 1930, 117.0; 1931, 99.7.

Source: Bureau of Mines, Department of Commerce.

No. 725.—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		Year	Number employed		Killed	Injured	
	Actual number	Equivalent in 300-day workers		Temporary	Permanent		Actual number	Equivalent in 300-day workers		Temporary	Permanent
Metal mines:						**Metallurgical Plants—Con.**					
1915	152,118	141,997	553	34,686	609	1928	45,695	52,668	44	4,473	181
1920	136,588	134,540	425	32,205	357	1929	47,399	53,587	43	4,368	207
1922	105,697	97,138	344	25,840	240	1930	40,787	44,403	25	2,570	156
1923	123,279	121,866	367	33,129	434	1931	28,938	28,807	16	1,304	89
1924	123,128	119,113	418	32,706	412	**Coke ovens:**					
1925	126,713	123,908	371	34,468	674	1916	31,603	34,119	45	5,154	83
1926	127,823	123,870	430	29,773	577	1920	28,139	29,921	49	3,336	79
1927	119,699	113,447	352	24,605	528	1922	19,278	18,236	29	1,674	36
1928	113,866	109,345	273	21,914	569	1923	23,729	25,627	45	2,517	76
1929	118,735	115,394	350	22,615	477	1924	20,451	20,681	24	1,607	38
1930	103,233	92,900	271	15,091	503	1925	23,254	24,054	28	1,652	44
1931	80,940	62,405	158	8,402	307	1926	23,115	24,288	51	1,874	48
Quarries:						1927	20,667	23,223	25	1,232	53
1915	100,740	82,447	148	9,148	523	1928	19,390	21,710	17	979	33
1920	86,488	77,089	178	10,880	337	1929	22,459	25,724	22	1,293	36
1922	79,081	68,861	132	11,442	397	1930	19,855	22,936	28	990	32
1923	92,455	85,153	143	14,547	443	1931	15,564	18,163	9	499	36
1924	94,242	84,426	138	14,307	470	**Coal mines:**					
1925	91,872	83,487	149	13,713	452	1911	728,348	534,122	2,656	(1)	(1)
1926	91,146	82,361	164	12,770	431	1915	734,008	511,598	2,269	(1)	(1)
1927	91,517	82,609	135	13,094	365	1919	776,569	542,217	2,323	(1)	(1)
1928	89,667	81,325	119	10,207	361	1920	784,621	601,283	2,272	(1)	(1)
1929	85,561	76,559	126	9,510	300	1922	844,807	405,056	1,984	(1)	(1)
1930	80,633	68,531	105	7,152	265	1923	862,536	560,000	2,462	(1)	(1)
1931	69,100	51,755	61	5,222	205	1924	779,613	499,896	2,402	(1)	(1)
Metallurgical plants:						1925	748,805	480,227	2,234	(1)	(1)
1916	80,201	88,596	83	14,863	217	1926	759,033	559,426	2,518	(1)	(1)
1920	59,232	65,587	61	8,714	149	1927	759,177	503,065	2,231	(1)	(1)
1922	44,000	46,008	45	6,600	78	1928	682,831	468,680	2,176	(1)	(1)
1923	53,871	59,499	58	8,260	164	1929	654,494	481,545	2,187	(1)	(1)
1924	56,196	62,948	55	8,132	94	1930	644,006	412,979	2,063	101,093	2,728
1926	58,935	66,220	44	7,480	231	1931	589,705	330,880	1,463	78,478	1,871
1926	57,726	65,687	48	7,052	227	1932	(1)	(1)	1,168	(1)	(1)
1927	53,477	60,291	54	5,533	208						

[1] Not available.

Source: Bureau of Mines, Department of Commerce.

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 727 only), relate only to establishments having products valued at $5,000 or more. However, in 1921, establishments having products valued at $500 or more but less than $5,000, while constituting 21.6 per cent of the total number of establishments, employed only six-tenths of 1 per cent of the total number of wage earners, and had an output of only three-tenths of 1 per cent of the total value of products.

The statistics for automobile repairing, collected for 1914 and 1919, have been excluded from Tables 726 to 730. 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 726, 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. 726.—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] 2,346	[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	5,408	[3] 13,488	574	2,610	8,500	14,794	6,294
1909	263	790	6,615	[3] 18,675	930	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	[3] 22,291	[5] 1,274	[5] 4,068	14,278	23,988	9,710
1919	214	[5] 1,438	9,000	[3] 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	26,321	43,653	18,332
1923	196	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	11,021	38,550	70,435	31,885
1931	175	[2]	6,523	[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. 727.—MANUFACTURES: ESTABLISHMENTS, CLASSIFIED BY VALUE OF PRODUCTS [1]

NOTE.—See general note, p. 692. 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	228,553,956	.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	60,565,998,200	100.0
1921	196,267	100.0	6,946,570	99.4	43,653,282,833	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	628,873,403	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	866,086,200	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	1,721,286	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	8,920,364,110	14.4
1914 [4]	30,147	17.0	3,000,612	42.7	8,759,391,117	36.2
$500,000 to $1,000,000:						
1929	10,395	4.9	1,121,547	12.7	7,294,860,945	10.4
1925	9,771	5.2	1,131,439	13.5	6,870,112,293	11.0
1923	9,556	4.9	1,134,897	12.9	6,752,818,172	11.1
1921	7,581	3.9	966,559	13.8	5,296,720,583	12.1
1919	9,197	4.2	1,112,815	12.3	6,457,485,019	10.4
1914	[5]		[5]		[5]	
$1,000,000 and over:						
1929	11,763	5.6	5,148,100	58.3	48,757,116,133	69.2
1925	10,583	5.7	4,760,229	56.7	42,366,941,140	67.5
1923	10,327	5.2	5,013,609	57.1	40,182,156,874	66.4
1921	7,333	3.7	3,379,502	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 comparability of these percentages having been affected very slightly by the omission of small establishments in 1923, 1925, and 1929.

[2] No data for establishments with products under $5,000 in value have been 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 showing statistics for 1921.

[4] Figures include data for the $500,000 to $1,000,000 class.

[5] Data included with the $100,000 to $500,000 class.

Source: Bureau of the Census, Department of Commerce

No. 728.—MANUFACTURES: Prime Movers, Motors, and Generators, Number and Rated Capacity

NOTE.—See general note, p. 692. 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	8,303	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	1,903,310	1,445,003	13,365,663		616,422	8,821,551	(1)	(1)
1929															
New England	16,953	4,686,822	5,823	1,680,519	600	35,738	2,546	742,398	299,089	2,228,167		140,722	1,336,725	2,557	1,010,837
Middle Atlantic	58,812	11,623,682	17,003	4,904,163	2,372	340,381	1,434	248,183	808,620	6,130,955		256,518	3,618,960	4,718	1,955,256
East North Central	42,845	12,802,451	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	2,564,287
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	19,011	4,318,015	12,388	1,744,461	1,827	152,423	384	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	213,859	1,870	102,360	356,621	2,831,975		67,938	642,530	2,854	475,695
Textiles and their products	25,706	4,145,998	3,942	1,572,940	207	18,746	1,560	397,639	486,793	2,156,673		160,246	1,044,623	2,546	973,891
Forest products	24,912	3,674,204	22,057	2,308,514	2,179	64,396	532	48,951	161,803	1,252,343		75,035	900,862	2,038	634,028
Paper and allied products	2,940	3,166,804	3,202	1,316,808	103	19,136	1,725	871,408	68,591	959,452		53,177	1,248,776	1,499	968,021
Printing, publishing, and allied industries	24,072	649,441	417	40,088	207	3,150	5	7	255,791	606,196		8,468	31,002	167	22,615
Chemicals and allied products	6,940	2,312,295	4,619	1,032,488	500	31,369	84	20,289	102,966	1,228,149		53,939	553,039	1,130	451,509
Products of petroleum and coal	1,369	1,755,258	10,104	1,066,904	651	72,954	9	2,300	26,509	613,100		22,031	604,471	463	332,507
Rubber products	509	821,312	370	245,031	10	838	20	3,080	33,266	572,363		11,832	240,921	134	150,569
Leather and its manufactures	4,014	436,342	1,000	188,973	65	5,570	33	6,105	59,127	235,694		15,781	119,994	545	110,021
Stone, clay, and glass products	7,938	2,854,402	2,965	932,769	1,520	97,796	77	25,080	96,430	1,798,757		29,615	312,862	1,019	579,134
Iron, steel, and products, excl. machinery	6,503	9,200,822	6,092	4,778,047	566	610,967	159	19,662	222,667	3,792,146		130,512	4,106,875	1,573	1,761,940
Nonferrous metals and their products	6,522	1,570,217	834	501,330	154	8,645	55	7,194	97,620	1,053,048		23,635	343,572	446	252,357
Machinery, excl. transportation equipment	12,634	3,647,343	2,161	753,381	801	59,674	278	18,855	393,554	2,815,433		101,601	793,463	1,389	480,461
Transportation equipment—air, land, water	2,516	2,271,192	1,353	521,417	220	11,596	19	29,531	196,548	1,708,648		49,949	481,682	440	310,072
Railroad repair shops	1,965	1,153,147	1,892	437,538	102	4,424	5	150	47,460	711,035		19,766	278,247	562	179,664
Miscellaneous	11,972	664,371	949	205,979	191	10,733	92	7,007	119,097	440,652		28,807	173,457	466	111,391

[1] Not called for on schedule.

Source: Bureau of the Census, Department of Commerce.

No. 729.—SUMMARY BY 16 GENERAL GROUPS OF INDUSTRIES

NOTE.—Figures for 1919 include establishments with products under $5,000 in value, see general note, p. 692

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	7,185,971	21,483,678	41,350,465	19,866,787	(1)
	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	35,935,648	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	18,332,228	(1)
	1919	274,598	9,041,311	10,461,786	37,288,732	62,193,426	24,904,694	29,327,669
1. Food and kindred products.	1931	48,706	650,591	736,058	5,526,680	8,247,734	2,721,055	(1)
	1929	56,320	753,247	902,143	8,632,283	12,023,689	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	3,881,052
	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	4,922,715	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	1,610,903	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	26,912	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	2,859,660	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	1,648,664	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.[1]	1931	7,485	231,403	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	2,299,338	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	2,282,699	3,060,226	797,537	1,513,314
	1925	1,582	136,366	210,034	2,366,583	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. 729.—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	968,518	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	429,273
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	364,537	1,088,816	1,869,615	780,799	419,843
	1925	4,252	314,128	355,419	1,013,013	1,764,017	751,005	413,331
	1923	4,330	344,745	388,811	1,083,647	1,880,828	797,181	413,332
	1921	4,327	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	383,390
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	(1)
	1919	12,599	302,810	332,726	422,511	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	1,380,087	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	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	3,423,260	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	3,597,068	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	270,616	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	1,171,192
	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	2,519,052	781,798	953,109
13. Machinery, not including transportation equipment.	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
	[2]1927	2,537	494,905	803,298	2,907,949	4,693,972	1,786,022	2,027,686
	1925	2,773	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	1,803,011	3,018,154	1,215,143	(1)
	1919	6,768	858,682	1,250,014	3,200,602	5,627,263	2,426,661	1,453,804
15. Railroad repair shops.	1931	2,167	309,034	435,248	208,824	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	651,358	1,520,093	868,734	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	393,015	858,553	2,312,635	1,454,081	(1)
	1929	14,612	417,410	590,534	1,359,280	3,426,095	2,066,815	664,289
	1927	14,313	440,366	629,587	1,377,985	3,310,780	1,938,795	837,428
	1925	14,207	439,400	608,677	1,351,478	3,125,011	1,773,533	732,401
	1923	15,427	475,281	628,205	1,429,234	3,002,855	1,573,621	701,177
	1921	15,748	417,929	441,860	1,315,180	2,556,937	1,241,757	(1)
	1919	25,169	516,037	511,230	1,460,660	2,992,492	1,531,842	750,263

[1] Not called for on schedule.
[2] 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.

Source: Bureau of the Census, Department of Commerce.

No. 730.—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 729. 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	4,203,957	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	1,830,260	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	393,475	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	65,052	22,191	18,574
Vegetable products and beverages, total.	1931	36,874	479,493	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
Canned and dried fruits and vegetables; preserves, jellies, fruit butters, pickles, and sauces.	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	224,007
	1927	2,436	80,924	62,310	355,186	572,346	217,160	189,831
	1925	2,403	85,866	67,427	385,573	616,071	230,497	187,490
	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	5,649	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	9,665	10,010	224,843	297,528	72,684	37,353

[1] Because of a change in classification, no comparable figures can be shown for earlier years.
[2] No data were compiled for 1925, except for San Francisco, Calif.

No. 730.—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	303,270	178,077	112,044
	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	54,882	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	1,060,289	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	780,011	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	1,268,196	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	12,822	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
Shortenings (other than lard), vegetable cooking oils, and salad oils.	1931	50	3,692	4,011	99,841	115,302	15,461	
	1929	40	2,712	3,004	139,031	154,553	15,522	36,647
	1927	33	2,655	2,624	137,079	148,468	11,389	33,462
Sugar, beet	1931	67	6,241	7,548	62,325	86,673	23,348	
	1929	82	7,496	10,021	70,960	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	5,330	8,009	2,179	45,705
Sugar refining, cane	1931	19	11,856	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	549,396	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.

No. 730.—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	149,165
	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	108,865
	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	42,309	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	44,735	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.[3]	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	1,122,751	3,213,272	5,527,557	2,314,285	3,556,440
Cotton goods	1931	1,140	329,962	219,630	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	467,598	380,010	871,502	1,567,401	695,899	[4]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	20,237	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	208,488	210,714	456,701	899,717	443,016	181,879
	1927	1,869	190,283	188,163	424,099	816,620	392,521	177,216
	1925	1,937	186,668	168,083	453,926	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	470,038	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	61,700	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	72,403	87,314	201,548	364,288	162,740	180,657
Worsted goods	1931	240	76,659	74,534	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	98,163	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	26,224	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
	[4]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
	[4]1927	139	15,896	22,855	51,053	99,185	48,132	20,517

[3] Figures for 1929 and prior years include "Flax and hemp, dressed," treated as a quasi-agricultural industry at the census for 1931.
[4] Revised; revision not carried into total.

No. 730.—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	1,009	1,122	3,332	5,952	2,620	
	1929	50	1,702	2,109	10,127	15,346	5,218	15,940
	1927	55	1,679	1,916	7,981	12,697	4,616	15,353
Wool pulling	1931	14	640	915	5,359	7,378	2,019	
	1929	18	590	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	11,037	8,027	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	35,070
	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	2,186	5,214	9,737	4,522	11,006
	1927	18	2,630	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	161,009	322,187	161,088	
	1929	732	79,327	94,245	235,712	405,821	230,108	304,057
	1927	743	73,851	91,697	210,681	406,047	195,366	287,212
	1925	697	70,749	83,933	220,678	408,515	187,837	252,701
	1923	713	63,414	72,525	199,156	366,623	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	*14,833*	*496,846*	*594,823*	*1,774,618*	*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	2,046	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
	1923	4,024	158,173	207,252	483,027	1,016,722	532,795	40,250
Clothing (work, including sheep-lined and blanket-lined coats, but not including shirts), men's.	1931	408	33,088	20,452	51,920	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	420	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	51,572	37,943	139,354	241,331	101,977	14,060
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	1,261
	1927	24	3,270	2,967	5,867	13,264	7,398	3,131

No. 730.—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	9,005	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	800,520	1,494,401	684,881	30,287
	1925	6,127	126,466	176,045	724,209	1,293,705	569,496	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	10,343	29,554	13,211	2,409
	1927	115	6,659	5,264	12,205	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	1,002	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	15,764
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	898	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. 730.—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	4,067	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	3,015
	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	25,833	36,014	10,381	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	14,104	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	497,803	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	493,950	1,214,646	720,687	1,781,734
	1925	9,207	467,090	456,716	579,475	1,421,162	841,687	2,049,500
	1923	9,303	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	40,167	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	342,467	575,740
Planing-mill products (including general millwork), not made in planing mills connected with sawmills.	1931[5]	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	120,140	321,443	581,634	260,190	630,674
	1925	4,761	111,329	146,502	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	3,061	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	26,004	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

[5] Owing to a change in classification data for 1931 are not strictly comparable with data for prior years.

No. 730.—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	54,971	51,078	129,656	235,178	105,522	196,844
	1927	1,648	50,124	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	8,314	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.[6]	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	244,856	418,235	951,170	532,935	434,238
	1923	3,434	182,014	222,461	372,545	851,801	479,256	369,484
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	384,575	868,720	483,845	402,719
	1923	3,047	168,157	204,566	342,443	776,847	434,404	344,954
Refrigerators and refrigerator cabinets, excl. of mechanical refrigerating equipment.	1931	155	7,128	8,525	20,080	40,825	20,744	
	1929	188	9,784	13,182	26,451	60,483	34,032	28,493
	1927	165	9,551	12,017	25,065	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	6,532	19,238	12,705	8,334
	1927	166	4,460	5,803	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	12,525	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.
[6] 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. 730.—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	1,188,090	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 [7]	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] 2,968,431
	1927	710	98,566	130,475	572,786	919,891	347,106	[8] 2,642,806
Pulp (wood and other fiber).[7]	1931	204	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.[8]	1931	2,029	86,079	87,462	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	97,060	102,961	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	8,970	8,661	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	159,340	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	161,712	281,944	120,232	76,185
	1923	1,216	56,855	53,966	144,079	264,209	120,129	61,687
Card cutting and designing.	1931	72	2,041	2,408	6,674	15,953	9,279	
	1929	70	2,338	2,725	9,286	19,648	10,362	3,909
	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	8,024	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	4,311	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	42,956
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	2,253,304	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.[5]	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	241,810	253,056	920,251	667,195	194,718
	1925	10,338	134,559	221,425	230,691	820,553	589,862	170,096
	1923	10,004	130,819	202,315	221,377	747,486	526,110	153,334

[4] Because of a change in classification, no comparable figures can be shown for earlier years.
[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 1923, counting as a single unit mills manufacturing both pulp and paper.
[8] Figures shown for paper represent the combined total for paper and pulp.

No. 730.—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	1,068,120	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	92,802	290,237	220,435	----------
	1929	3,102	76,869	130,081	106,454	409,943	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
Photo-engraving, not done in printing establishments.	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	60,827	----------
	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, not done in printing establishments.	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	5,705	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	7,509	260,829	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. 730.—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	22,698	52,337	29,738	42,788
	1927	47	3,032	4,794	24,619	[4] 55,716	[4] 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	9,006	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.[5]	1931	558	48,522	66,360	246,068	533,175	287,107	----------
	1929	551	62,199	94,080	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	4,662
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	20,172
Fertilizers	1931	599	14,551	12,140	106,481	154,350	47,869	----------
	1929	638	20,926	17,884	159,801	232,511	72,710	166,984
	1927	621	18,612	17,650	138,143	190,385	52,242	156,274
	1925	587	19,644	17,743	137,808	206,773	68,965	152,193
	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	3,220	4,524	19,223	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	3,069	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	7,862	40,142	61,608	21,466	41,686
	1927	247	5,052	7,403	38,272	56,280	18,008	34,069

[4] Revised; revision not carried into total.
[5] Includes "Compressed and liquefied gases" prior to 1927 and also includes "Rayon" for 1923.

No. 730.—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	42,760	23,545	20,300
	1927	123	2,288	3,605	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	4,695	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	404,135	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	34,320	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	20,594	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	17,360	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	20	2,715	4,098	101,503	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. 730.—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	43,095	60,161	188,415	512,653	324,238	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	552,661
	1925	359	65,324	104,645	1,889,678	2,376,657	486,979	393,753
	1923	382	66,717	103,834	1,425,053	1,793,700	368,647	349,154
RUBBER PRODUCTS								
Boots and shoes, rubber.	1931	15	15,882	13,770	12,298	47,905	35,607	-------
	1929	22	25,659	29,945	34,396	102,538	68,141	62,003
	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	422,607	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	73,063	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	180,077	93,112	-------
	1929	412	40,226	50,279	114,674	244,746	130,071	295,452
	1927	385	36,893	45,931	117,777	230,781	113,005	270,539
	1925	381	35,230	42,613	121,224	219,869	98,645	197,051
	1923	344	34,470	39,790	90,720	182,584	91,855	178,899
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	220,660
	1927	494	52,924	67,887	331,985	494,256	162,271	220,530
	1925	531	52,203	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	212,588,174	493,414,650	918,738,489	425,323,839	-------
	1929	3,814	268,540	296,046,979	794,424,398	1,424,860,695	630,436,297	206,764
	1927	3,778	263,157	296,649,530	756,831,737	1,375,359,513	618,527,776	199,313
	1925	3,721	261,865	289,585,303	716,059,086	1,311,831,400	595,772,314	197,653
	1923	4,284	285,947	315,893,186	775,366,657	1,405,477,550	630,110,893	190,611
Belting, leather	1931	178	1,640	1,968	7,302	14,522	7,220	-------
	1929	207	2,602	3,550	20,580	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	450,857	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	128,550
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	8,263	18,142	37,366	19,225	-------
	1929	382	10,376	11,058	31,964	58,625	26,661	20,269
	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.

[10] Figures for 1929 and 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. 730.—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	27,720	1,725
Saddlery, harness, and whips.	1931	185	1,974	1,926	5,268	9,339	4,071	
	1929	268	3,306	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	29,128	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	165,606	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	1,572,639
	1925	4,852	123,699	178,644	300,793	779,031	478,238	1,365,906
	1923	4,021	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	41,851	34,405	119,395	84,990	
	1929	1,881	37,817	63,041	57,633	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	1,183,989
	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	8,599
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	2,508	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. 730.—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	
	1929	1,760	93,657	107,348	82,734	297,879	215,145	535,567
	1927	1,857	101,230	122,311	100,642	321,890	221,248	531,269
	1925	1,950	103,061	127,508	100,768	335,822	235,054	518,080
	1923	1,996	103,239	124,400	104,544	336,884	232,340	482,223
Pottery, including porcelain ware.	1931	275	27,023	26,981	16,393	65,866	49,473	
	1929	313	35,409	43,656	27,007	110,622	83,615	61,868
	1927	316	36,667	45,150	33,581	110,597	77,017	54,879
China firing and decorating, not done in potteries.	1931	21	220	236	551	1,128	577	
	1929	27	317	420	640	1,554	914	53
	1927	31	366	428	682	1,692	1,010	43
Graphite, ground and refined.	1931	9	183	183	976	1,962	986	
	1929	11	494	627	1,458	3,760	2,302	3,156
	1927	13	289	341	1,319	2,932	1,612	3,011
Minerals and earths, ground or otherwise treated.[1]	1931	88	1,000	1,127	3,317	7,295	3,478	
	1929	88	1,679	2,188	8,938	17,409	8,471	39,117
Statuary and art goods (except concrete), factory production.	1931	150	1,325	2,328	1,271	5,700	4,429	
	1929	171	2,112	4,236	2,045	10,045	8,000	1,539
	1927	136	2,028	4,404	2,415	10,187	7,772	1,137
Glass and manufactures of glass, total.	1931	839	57,100	66,531	90,824	252,592	161,767	
	1929	998	78,338	102,552	135,272	368,934	233,663	356,150
	1927	919	74,598	93,928	134,879	336,147	201,268	329,244
	1925	938	78,384	99,356	146,696	358,850	212,154	281,476
	1923	962	81,956	100,819	145,070	367,848	222,778	250,982
Glass	1931	229	49,917	57,882	73,575	216,265	142,690	
	1929	263	67,627	87,795	103,294	303,819	200,525	341,979
	1927	269	65,825	81,353	109,911	282,394	172,483	318,298
	1925	310	69,371	86,736	113,652	295,959	182,307	271,639
	1923	333	73,335	89,898	113,170	300,353	196,183	240,528
Mirrors and other glass products made of purchased glass.	1931	610	7,183	8,650	17,250	36,327	19,077	
	1929	736	10,811	14,757	31,978	65,116	33,138	14,171
	1927	650	8,773	12,575	24,967	53,763	28,785	10,946
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	
	1929	591	419,534	730,974	2,514,377	4,137,214	1,622,837	7,532,530
	1927	602	389,270	645,534	2,209,210	3,488,744	1,219,534	6,781,058
	1925	595	399,914	660,297	2,429,378	3,711,354	1,281,976	6,143,927
	1923	658	424,913	696,760	2,872,028	4,161,938	1,289,910	5,909,941
Blast-furnace products.	1931	80	13,572	19,259	259,132	311,371	52,240	
	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	58,936	827,630	1,007,613	179,983	1,686,419
Steel works and rolling-mill products.	1931	446	264,634	338,387	831,884	1,402,843	570,959	
	1929	486	394,574	689,016	1,904,083	3,365,789	1,461,706	[13]7,532,530
	1927	486	361,312	601,275	1,689,655	2,779,840	1,090,185	[13]6,781,058
	1925	473	370,726	614,985	1,811,961	2,946,068	1,134,107	4,763,533
	1923	489	388,201	637,825	2,044,398	3,154,325	1,109,927	4,313,522

[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. 730.—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	401,348	650,013	1,348,497	3,000,714	1,652,217	1,668,292
	1927	5,738	445,307	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	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	69,759
	1927	82	22,392	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	84,641	147,401
	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	6,528	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	7,717	
	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	22,203
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	2,553	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	70,120	124,659	54,538	68,630
	1927	44	11,083	16,066	56,779	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	1,639	4,060	2,391	
	1929	65	1,125	1,504	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	37,299	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	65,552	77,503	225,053	147,550	98,278
	1923	473	52,205	63,471	80,598	215,960	135,362	84,006

[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. 730.—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	70,036	44,033	
	1929	255	27,960	37,087	49,033	129,674	80,641	100,821
	1927	231	29,245	40,212	55,633	145,262	89,620	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	9,088
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	43,408
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	100,313
	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	45,180	64,327	93,006	258,286	165,190	100,000
	1925	564	46,514	66,209	95,873	264,303	168,430	94,126
	1923	588	49,812	68,331	102,568	268,262	165,694	87,064
Tin cans and other tinware, not elsewhere classified.[16]	1931	199	25,271	27,978	148,121	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	49,886
	1927	230	15,882	18,892	18,180	76,688	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 edge tools, machine tools, files, or saws.	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	160,620
	1927	73	19,866	30,038	128,092	190,710	62,617	152,574
	1925	68	18,544	26,928	127,251	184,463	57,212	138,115
	1923	64	21,310	29,862	133,883	196,304	62,481	123,023
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	48,864
	1927	512	21,097	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	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	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	299,384	42,804	
	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	323,700
	1925	28	15,588	22,642	573,190	665,177	91,986	321,909
	1923	29	16,777	25,459	554,100	625,433	71,333	332,943

[16] "Tin plate and terneplate" is treated as part of the "steel-works and rolling-mill products" industry.

No. 730.—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	3,569	78,745	90,726	11,982	
	1929	19	4,819	7,577	203,914	232,115	28,201	59,936
	1927	18	5,398	7,690	202,859	225,138	22,279	48,268
	1925	17	6,115	9,002	254,881	283,043	28,162	47,219
	1923	20	6,194	8,768	207,315	227,735	20,420	42,377
Zinc	1931	33	7,251	8,439	30,449	48,479	18,030	
	1929	30	11,618	17,710	74,769	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	22,494
	1927	159	3,577	5,715	127,772	143,418	15,646	15,277
Gold, silver, and platinum, refining and alloying.	1931	63	803	1,186	36,393	41,398	4,505	
	1929	69	931	1,634	61,570	67,959	6,389	4,230
	1927	57	801	1,435	58,877	62,647	3,770	4,288
Nonferrous metals other than gold, silver, and platinum, not from the ore.	1931	98	2,626	3,163	28,546	34,695	6,150	
	1929	106	4,134	6,574	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	487,019	1,121,404	2,077,416	956,012	951,732
	1927	6,533	238,580	332,670	848,190	1,590,955	742,765	744,970
	1925	6,768	239,422	327,850	878,245	1,595,945	716,800	678,128
	1923	7,296	260,164	388,984	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 materials and parts, except watchcases.	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	16,250	71,783	55,534	19,077
Collapsible tubes	1931	17	1,737	1,634	4,142	7,634	3,492	
	1929	17	1,821	1,782	5,386	8,913	3,527	2,272
	1927	17	1,084	1,918	7,104	11,351	4,247	2,846
Watchcases	1931	31	1,660	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	1,702	19,365	25,158	56,342	116,443	60,101	
	1929	2,161	28,593	43,255	112,048	222,485	109,837	53,749
	1927	1,981	24,527	38,668	98,356	191,120	92,743	35,880
	1925	2,107	24,996	37,825	84,080	175,043	90,963	35,273
	1923	2,524	28,852	42,445	93,507	188,908	95,401	34,243
Fire extinguishers, chemical.	1931	25	571	517	1,796	4,453	2,655	
	1929	28	740	959	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 [17]	1931	523	14,790	18,150	30,312	75,050	44,738	
	1929	614	23,580	33,269	57,918	144,966	87,047	40,209
	1927	481	21,030	29,261	55,600	127,802	72,191	31,291
Needles, pins, hooks and eyes, and snap fasteners.	1931	46	5,364	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	7,260
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	500,273
	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	309,239
	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

[17] Formerly "Gas and electric fixtures; lamps, lanterns, and reflectors."

No. 730.—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 [18]	1931	1,052	16,724	20,231	28,684	75,123	46,438	
	1929	*1,436*	*25,287*	*35,465*	*66,506*	*166,544*	*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 [1,18]	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
Tin and other foils, not including gold foil.	1931	8	1,484	998	7,383	12,226	4,843	
	1929	7	1,710	1,856	13,548	20,955	7,406	18,642
	1927	10	1,658	2,084	15,350	20,952	5,602	18,770
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	33,345	40,415	85,666	202,732	117,066	117,966
	1925	303	28,696	37,388	73,850	169,468	95,618	115,325
	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	50,474	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. [19]	1931	1,379	180,106	204,488	337,125	995,010	657,886	
	1931	*1,567*	*214,734*	*237,763*	*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	336,230	645,762	1,637,307	991,545	661,168
	1925	1,739	239,921	323,835	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	39,234	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	49,596	72,309	127,135	273,309	146,174	167,869
Foundry and machine-shop products, not elsewhere classified. [20,21]	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*	*393,672*	*590,924*	*878,771*	*2,268,653*	*1,389,882*	*1,550,240*
	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	26,559	16,320	69,033	52,713	
	1929	722	26,682	51,085	26,993	144,411	117,418	64,398
Machine tools [20]	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*	*45,151*	*145,855*	*102,703*	*126,426*
	1927	355	35,260	52,366	46,115	159,513	113,398	131,670
	1925	329	30,831	46,711	43,826	144,202	100,376	118,819
	1923	350	33,373	47,337	40,077	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	5,015	8,702	15,501	36,715	21,124	10,427

[1] Because of a change in classification, no comparable figures can be shown for earlier years.

[18] 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.

[19] Prior to 1931 this industry covered radio apparatus and tubes included for 1931 in a new classification, "Radio apparatus and phonographs." Figures for 1931 are, therefore, not comparable with those for prior years; figures shown in italics have been adjusted for comparison with those for prior years.

[20] 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.

[21] 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. 730.—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								
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	52,705	130,591	77,826	64,763
Radio apparatus and phonographs.[22]	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	16,853	26,196	72,413	161,566	89,153	44,953
	1927	22	11,285	17,712	42,651	96,514	53,862	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	8,706
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	70,244	35,716	29,697
TRANSPORTATION EQUIPMENT								
Motor vehicles, not including motor cycles.	1931	178	134,866	156,786	1,044,406	1,567,526	523,120	
	1929	244	226,116	366,579	2,401,512	3,722,793	1,321,282	713,912
	1927	264	187,910	321,664	1,889,426	2,848,443	959,017	725,974
	1925	297	197,728	341,210	2,108,192	3,198,123	1,089,931	509,758
	1923	351	241,356	406,730	2,147,463	3,163,328	1,015,865	435,545
Motor-vehicle bodies and motor-vehicle parts.	1931	940	150,649	193,770	518,945	945,407	428,461	
	1929	1,154	221,332	306,503	856,966	1,537,930	680,944	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	1,013,113	449,005	425,088
Motorcycles, bicycles, and parts.	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
Carriages, wagons, sleighs, and sleds.[23]	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	59	4,159	4,479	7,091	16,769	9,679	
	1929	79	7,102	8,313	13,515	28,818	15,308	10,895
	1927	89	7,030	7,814	13,895	28,968	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	27,308	71,168	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	59,764	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	604,351	190,690	250,102
Ship and boat building, steel and wooden, including repair work.	1931	518	45,252	62,028	72,322	186,993	114,671	
	1929	624	55,089	88,274	85,849	231,300	145,451	337,485
	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

[22] No comparable data for prior years. Radio apparatus was formerly included in "Electrical machinery, apparatus, and supplies" and "Phonographs," was a separate industry in the "Miscellaneous industries" group.

[23] Includes for 1931 data for certain of the establishments making carriage, wagon, sleigh, and sled materials, formerly classified in a separate industry. The figures for prior years have not been revised to include such data.

No. 730. 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.[24]	1931	1,783	282,405	396,394	276,705	678,922	402,217	----------
	1929	1,851	368,681	500,203	515,562	1,184,435	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	934,830
	1923	1,801	488,505	723,742	599,377	1,433,680	834,303	735,635
Railroad repair shops, electric.[25]	1931	384	26,629	38,854	22,119	61,841	39,722	----------
	1929	446	29,475	47,109	32,781	85,482	52,700	70,424
	1927	515	31,584	48,392	30,421	84,504	54,083	73,357
MISCELLANEOUS INDUSTRIES								
Musical instruments, total.[26]	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	40,685	52,601	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	17,802	13,251	5,350
Organs	1931	42	1,460	1,763	1,027	5,710	4,683	----------
	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	9,667	22,245	12,587	14,185
Tobacco manufactures, total.	1931	1,228	99,769	69,411	363,476	1,155,851	792,376	----------
	1929	1,788	116,119	94,579	420,272	1,246,242	816,969	64,984
	1927	2,156	129,299	105,251	420,667	1,163,768	743,102	52,385
	1925	2,623	132,132	111,558	425,760	1,091,601	665,232	42,075
	1923	3,672	140,337	120,462	515,865	1,044,192	528,327	43,515
Tobacco: Chewing and smoking, and snuff.	1931	125	11,441	8,673	66,873	169,113	102,240	----------
	1929	152	10,811	8,955	72,494	179,333	106,839	15,467
	1927	159	13,125	10,661	85,310	198,245	112,934	16,566
Cigars and cigarettes	1931	1,103	88,328	60,738	296,602	986,738	690,136	----------
	1929	1,636	105,308	85,623	356,778	1,066,909	710,131	49,517
	1927	1,997	116,174	94,589	335,356	965,524	630,168	35,819
	1925	2,445	117,108	99,373	331,351	874,815	543,464	24,534
	1923	3,466	130,036	107,723	369,491	821,227	451,735	24,894
Other industries, total.[27]	1931	10,300	190,024	222,452	484,315	1,124,577	640,262	----------
	1929	12,508	282,066	380,173	899,978	2,099,872	1,199,894	550,213
	1927	11,786	282,298	383,751	904,627	2,021,945	1,117,318	731,445
	1925	11,191	271,555	348,762	851,795	1,863,381	1,011,585	638,790
	1923	11,331	291,106	367,316	835,019	1,783,442	948,423	603,593

[24] Formerly classified as "Car and general construction and repairs, steam-railroad repair shops."
[25] Formerly classified as "Car and general construction and repairs, electric-railroad repair shops."
[26] The figures for 1929 and 1927 have been revised by subtracting the figures for "Phonographs," which has been abandoned as a separate industry, and included with "Radio apparatus and phonographs" for 1931.
[27] Figures for 1929 and prior years have been revised to exclude "Whips," abandoned as a separate industry for 1931, and included in "Saddlery, harness, and whips," in the "Leather and its manufactures," group. Data for "Phonographs," a separate industry in the subgroup, "Musical instruments," in the "Miscellaneous industries" group prior to 1931, have been added for 1929 and prior years. Figures for "Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's 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. 730.—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	5,627	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	1,420	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	3,111	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	8,176	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	1,108	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	13,703	7,773	3,267
Combs and hairpins, not made from metal or rubber.	1931	23	663	571	837	1,917	1,080	
	1929	24	656	641	1,007	2,482	1,476	1,015
	1927	36	1,259	1,249	1,878	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	1,808	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	5,635	10,459	4,924	9,396
	1927	65	941	1,200	6,539	11,635	5,096	11,113
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	71,881	4,209
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	2,490	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	8,236	11,042	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

No. 730.—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	30,021	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	15,628
	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	3,469	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; pen points, gold, steel, and brass.	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	79,506	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	61,809	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	3,808	2,276
	1927	23	1,807	2,270	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	103	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	21,207	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	2,338	4,223	10,391	23,929	13,538	5,042
Sporting and athletic goods, not including firearms or ammunition.	1931	217	10,176	11,210	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	7,010	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	2,008	5,508	3,409	618
	1927	39	561	1,380	2,330	5,745	3,415	998
Toys, games, and playground equipment.[2]	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.
[2] Not including children's wheel goods or sleds.

Source: Bureau of the Census, Department of Commerce.

No. 731.—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 1925, for which year this industry was not tabulated for the United States as a whole, and data for "Poultry killing and dressing" 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	8,833,743	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	62,713,347	27,585,210	38,825,681
	1925	187,390	8,384,261	10,729,909	35,935,048	62,713,714	26,778,066	35,772,628
	1923	196,309	8,778,156	11,009,208	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	1,098,514	1,346,392	3,163,416	6,398,215	3,239,798	4,686,822
	1927	17,745	1,098,748	1,328,050	3,048,863	6,028,475	2,979,612	4,566,155
	1925	18,173	1,122,216	1,339,310	3,203,911	6,140,003	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	2,457,791	3,491,680	10,488,832	19,533,075	9,044,243	10,968,754
	1925	58,895	2,491,039	3,434,610	10,682,358	19,409,491	8,727,133	10,106,390
	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	19,020,814	8,261,929	10,947,780
	1923	43,978	2,387,049	3,333,621	10,166,125	17,821,094	7,655,569	9,023,688
West North Central	1931	15,134	365,220	406,432	2,012,162	3,198,724	1,186,562	
	1929	17,792	474,115	589,162	3,507,392	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	1,705,603
South Atlantic	1931	15,255	737,514	584,320	1,594,740	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	794,205	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	343,733	1,090,015	2,014,443	924,428	1,999,354
	1927	7,037	359,542	331,280	1,025,122	1,808,318	783,096	1,787,386
	1925	8,080	355,995	322,675	1,042,478	1,808,702	766,224	1,615,133
	1923	7,513	347,200	310,354	988,075	1,702,670	714,594	1,451,604
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	2,091,024	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	869,356	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	767,974
	1923	3,970	103,808	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	509,969	2,082,311	3,614,013	1,531,702	2,359,614
	1925	14,762	415,024	575,209	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	678,153
	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	91,864	217,070	402,650	185,580	570,532

No. 731.—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	69,957	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	9,372	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	138,806	313,107	592,233	279,126	410,181
	1925	1,595	120,346	138,126	345,221	621,920	276,699	395,754
	1923	1,691	134,067	152,500	358,581	676,425	316,844	391,928
Connecticut	1931	2,817	192,174	199,396	327,381	797,948	470,563	
	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	242,362	301,200	612,642	1,274,952	662,309	790,087
	1923	3,130	263,232	314,829	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	39,305	1,105,966	1,650,379	5,004,636	9,978,556	4,973,920	3,986,781
	1927	36,650	1,072,284	1,605,378	4,804,173	9,400,061	4,595,889	3,671,185
	1925	33,393	1,066,202	1,533,893	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	2,307,338	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	576,235	2,086,855	3,539,181	1,452,326	1,384,234
	1923	8,767	448,069	578,927	2,039,477	3,396,628	1,357,150	1,256,892
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	1,315,993	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	1,434,963	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	1,576,176	
	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	5,600	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. 731.—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	962,776	315,452	409,128
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	434,936	690,032	255,097	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	5,201	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	19,766
	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	326,017	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	45,308	59,925	518,141	681,570	163,429	279,426
	1925	1,878	46,659	59,207	538,202	706,250	168,048	276,874
	1923	1,786	51,255	65,056	444,420	595,030	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	3,154	125,787	138,591	568,591	926,262	357,660	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	15,609	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	253,841	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	441,307
	1923	2,743	111,578	104,680	304,493	548,153	243,661	431,287

No. 731.—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	260,380	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	405,508	1,026,565	621,057	
	1929	3,797	209,826	160,868	618,912	1,311,924	693,013	839,945
	1927	2,984	204,590	158,394	560,819	1,154,647	593,827	810,798
	1925	2,614	182,234	134,237	550,707	1,050,434	499,727	666,861
	1923	2,670	173,687	127,538	516,149	951,911	435,762	606,307
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	722,464	294,649	641,809
	1927	3,175	154,168	108,118	360,262	609,918	249,656	505,899
	1925	2,870	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	34,430	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	50,672	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	502,039	236,080	354,740
	1927	1,851	74,912	83,859	250,633	447,765	197,132	318,765
	1925	1,864	76,580	84,945	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	128,400	115,877	407,611	730,509	322,898	606,704
	1927	2,008	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	106,504	92,482	334,111	555,266	221,154	391,465
Alabama	1931	1,630	84,630	61,568	172,184	323,234	151,050	
	1929	2,848	119,559	102,005	302,283	560,378	258,125	785,330
	1927	2,355	119,093	105,480	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	83,867	438,540	685,037	246,497	480,404
	1927	1,624	82,415	79,673	427,994	638,361	210,367	415,582
	1925	1,742	88,058	79,763	465,426	710,050	244,624	410,298
	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

No. 731.—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	4,320	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	685,455
	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	23,959
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	5,585	10,419	21,697	11,278	23,147
	1927	200	4,653	5,421	10,056	20,183	10,127	21,467
	1925	200	4,629	5,083	9,084	19,459	9,774	18,842
	1923	186	5,459	6,484	9,954	20,422	10,468	16,863
Arizona	1931	292	6,295	8,011	37,954	63,075	25,121	----------
	1929	348	10,550	15,075	167,714	200,002	32,289	180,637
	1927	300	8,967	12,133	77,799	117,624	39,825	100,641
	1925	294	9,127	11,506	92,271	138,781	46,511	102,127
	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	78,783
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	2,070	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	3,672	114,830	160,671	428,413	795,562	367,149	814,891
	1927	3,344	104,468	145,931	389,885	677,914	288,029	680,408
	1925	3,216	105,893	146,225	372,759	659,340	286,581	748,110
	1923	3,029	111,663	156,435	372,044	678,543	306,499	593,330
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	57,170	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 [1]	1931	10,050	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	1,559,086
	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

[1] 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.

Source: Bureau of the Census, Department of Commerce.

No. 732.—MANUFACTURES FOR INDUSTRIAL AREAS

NOTE.—The term industrial area signifies an area having as its nucleus as important manufacturing city and comprising the county in which the city is located, together with any adjoining county or counties in which there is great concentration of manufacturing industry. The industrial areas by constituent counties are as follows: Akron area—Summit County; Albany-Schenectady-Troy area—Albany, Rensselaer, and Schenectady Counties; Allentown-Bethlehem area—Lehigh and Northampton Counties; Baltimore area—Baltimore City and Baltimore County; Boston area—Essex, Middlesex, Norfolk, and Suffolk Counties; Bridgeport-New Haven-Waterbury area—Fairfield and New Haven Counties; Buffalo area—Erie and Niagara Counties; Chicago area—Cook, DuPage, Kane, Lake, and Will Counties, Ill., and Lake County, Ind.; Cincinnati area—Butler and Hamilton Counties, Ohio, and Campbell and Kenton Counties, Ky.; Cleveland area—Cuyahoga and Lorain Counties; Dayton area—Montgomery County; Detroit area—Oakland and Wayne Counties; Hartford area—Hartford County; Indianapolis area—Marion County; Kansas City area—Clay and Jackson Counties, Mo., and Wyandotte County, Kan.; Los Angeles area—Los Angeles County; Milwaukee area—Kenosha, Milwaukee, and Racine Counties; Minneapolis-St. Paul area—Dakota, Hennepin, and Ramsey Counties; New York City area—Bronx, Kings, New York, Queens, Richmond, and Westchester Counties, N.Y., and Bergen, Essex, Hudson, Middlesex, Passaic, and Union Counties, N. J.; Philadelphia area—Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N. J.; Pittsburgh area—Allegheny, Beaver, Washington, and Westmoreland Counties; Providence-Fall River-New Bedford area—Providence County, R. I., and Bristol County, Mass.; Reading area—Berks County; Rochester area—Monroe County; St. Louis area—St. Louis City and St. Louis County, Mo.; and Madison and St. Clair Counties, Ill.; San Francisco-Oakland area—Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties; Scranton-Wilkes-Barre area—Lackawanna and Luzerne Counties; Seattle-Tacoma area—King and Pierce Counties; Springfield-Holyoke area—Hampden County; Toledo area—Lucas County; Wheeling area—Brooke, Hancock, and Ohio Counties, W. Va., and Belmont, Columbiana, and Jefferson Counties, Ohio; Worcester area—Worcester County; Youngstown area—Mahoning and Trumbull Counties, Ohio, and Lawrence and Mercer Counties, Pa.

[All figures except number of wage earners in thousands of dollars]

Area	Wage earners (average for the year)		Wages		Value of products		Value added by manufacture	
	1929	1931	1929	1931	1929	1931	1929	1931
United States	8,838,743	6,523,026	11,620,973	7,185,971	70,434,863	41,350,465	31,885,284	19,866,787
Total for areas	4,963,875	3,680,280	7,236,793	4,528,234	43,849,751	15,725,908	20,211,316	12,629,154
Akron area	67,298	42,995	107,254	55,092	599,053	325,276	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	558,935	343,016	246,912
Boston area	235,652	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	862,311	463,274	444,400	269,261
Buffalo area	115,212	78,614	171,674	99,953	1,157,752	680,217	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	762,916	735,276	375,468
Dayton area	42,591	31,770	64,793	38,579	330,319	213,490	211,429	138,202
Detroit area	203,252	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	50,909	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	114,480	90,203	175,812	166,642	1,319,386	828,896	609,048	411,082
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	918,296	715,134	1,416,881	980,836	9,424,295	6,162,828	4,510,597	3,158,028
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	2,015,309	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	426,611	270,316	252,737	174,555
St. Louis area	154,321	117,459	198,008	127,995	1,541,954	893,945	623,081	385,373
San Francisco-Oakland area	93,797	70,775	138,059	96,144	1,165,683	767,865	463,059	310,271
Scranton-Wilkes-Barre area	42,268	35,829	41,519	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	89,066
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	125,893

Source: Bureau of the Census, Department of Commerce.

No. 733.—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 exclude copper, data for which are not available for that year, 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						
	1926	1927	1928	1929	1930	1931	1932	1926	1927	1928	1929	1930	1931	1932
January	109	106	107	120	105	83	71	91	115	103	110	110	89	77
February	107	107	110	119	107	86	68	95	117	102	119	108	87	78
March	106	108	109	120	104	87	64	106	120	105	109	98	89	84
April	106	108	109	122	104	87	61	108	106	105	114	104	91	79
May	106	110	108	123	101	87	58	104	109	106	117	104	87	67
June	108	108	109	127	97	82	58	107	106	102	114	102	87	63
July	108	107	110	125	92	82	57	108	101	102	116	100	86	64
August	110	106	111	122	89	78	59	109	106	105	115	96	79	65
September	111	104	114	121	89	75	66	110	104	107	118	94	78	70
October	111	102	116	119	86	71	65	113	103	111	116	95	83	74
November	108	101	118	110	85	71	63	118	102	114	110	92	81	75
December	105	102	120	101	82	73	64	119	102	111	116	93	84	76

No. 734.—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	110	92	94	86	86	96
1924	94	89	91	103	99	98	91	94	100	99	99	98	99
1925	105	106	104	98	107	101	107	96	108	107	115	116	105
1926	108	113	104	97	114	98	108	98	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	103	118	115	152	144	124
1929	119	130	115	97	125	91	135	105	114	125	168	135	134
1930	95	94	91	93	113	64	85	94	108	97	161	100	131
1931	80	60	94	90	106	41	60	92	84	69	155	96	123
1932	63	31	88	87	91	25	35	92	61	[2]	139	78	111
1931													
January	83	71	86	94	107	48	63	81	85	77	141	94	124
February	86	74	95	92	109	44	68	89	86	79	146	92	133
March	87	77	97	87	110	49	67	94	91	76	150	97	131
April	87	71	96	95	109	48	77	103	94	73	159	96	132
May	87	67	97	89	111	48	78	107	94	73	161	115	135
June	82	61	96	83	107	47	65	99	93	68	159	108	132
July	82	58	100	87	109	42	60	98	90	65	160	114	121
August	78	50	99	88	105	38	52	102	83	65	161	94	118
September	75	45	100	93	104	36	40	95	79	65	159	80	118
October	71	45	93	92	100	33	26	81	75	64	158	76	111
November	71	51	89	91	99	27	30	77	67	59	155	84	113
December	73	42	88	97	99	28	66	82	61	62	149	88	113
1932													
January	71	43	89	93	101	26	45	85	65	[2]	140	92	124
February	68	41	86	90	98	22	35	89	56	[2]	141	85	114
March	64	34	82	84	99	26	28	92	53	[2]	136	73	109
April	61	32	65	91	93	27	35	89	46	[2]	144	70	109
May	58	29	59	89	90	28	45	84	46	[2]	146	72	110
June	58	25	63	83	85	26	47	82	52	[2]	146	107	118
July	57	25	69	81	86	25	33	77	50	[2]	141	89	114
August	59	23	90	83	84	23	23	84	48	[2]	135	68	108
September	66	28	104	95	88	23	24	93	54	[2]	133	64	111
October	65	31	99	89	91	24	16	94	55	[2]	137	68	104
November	63	31	92	83	87	21	31	89	53	[2]	138	73	104
December	64	27	91	84	86	23	60	85	43	[2]	132	67	112

[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 733 and 734: Federal Reserve Board.

No. 735.—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	1,686,339	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
Tobacco, cheese, butter, bunting and bandage cloths.	do	660,424	617,411	587,147	19,298	18,100	9,775
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
Ticks and denims	do	313,401	292,302	234,527	60,150	58,537	29,186
Osnaburgs	do	164,976	145,745	109,081	17,900	18,211	8,059
Cotton flannel (canton flannel, flannelettes, and blanketings).	do	400,007	323,140	288,073	56,386	48,329	27,017
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	59,394	23,794	45,710	41,761	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 (crochet, marseilles, and satin).	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	604,335	647,725	414,463	253,663	253,349	111,873
Thread	do	29,902	25,250	19,576	46,409	37,100	20,153
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	10,641
Other cotton products					231,532	266,233	185,535
LACE							
Total value					24,360	27,931	17,096
Nottingham lace curtains	Pair	5,661	6,113	4,518	10,797	11,250	6,863
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					1,782	3,250	1,082
KNIT GOODS							
Total value					801,427	881,176	578,630
Hose and half hose	Doz. pair	110,006	117,366	101,733	453,593	511,626	321,611
Gloves and mittens	do	5,036	3,728	421	13,270	8,897	1,811
Shirts and drawers	Dozen	8,619	8,802	7,059	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	22,084	12,859
Scarfs and shawls	do	188	127	58	2,215	1,163	554
Headwear	do	700	783	1,078	3,877	3,783	3,279
Neckties	do	1,810	628	131	5,853	1,717	327
Jersey cloth and tricollette	Sq. yard	[2]42,564	75,521	108,340	[2]34,971	45,375	31,523
Stockinette					957	1,234	297
Glove and shoe linings					4,773	4,655	1,053
Towels and towelings	Sq. yard	920	(3)	(3)	659	(3)	(3)
Other knit products					142,756	172,135	134,606

For footnotes, see p. 728.

No. 735.—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					755,668	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	127,290	59,452	22,369	108,696	42,210	16,047
Velvets	do	5,484	9,051	7,348	11,009	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	2,580
Organzine, tram, and crêpe twist for sale	Pound	11,409	12,121	9,753	76,247	69,740	32,177
Spun silk for sale	do	4,456	3,769	1,914	15,696	12,016	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	4,803	2,584
Other silk and rayon products					94,064	140,660	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	354,205	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	160,211	146,742	231,008	238,069	155,044
Wool and cotton mixed	do	30,433	52,730	31,911	20,844	37,051	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	15,503	12,359	15,831	10,542
Horse blankets	do	1,069	394	211	631	212	93
Yarns for sale	Pound	145,763	159,474	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	4,992	15,009	17,113	11,596
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	50,245	6,075	17,127	10,655
All other felts	do				8,348		
HATS, WOOL-FELT							
Total value					7,787	8,031	4,888
Hats	Dozen	376	400	177	5,033	4,410	1,905
Hat bodies and hats in the rough	do	379	500	745	2,754	3,621	2,983
CARPETS AND RUGS							
Total value					163,289	174,287	86,403
Carpets	Sq. yard	16,872	27,385	13,257	40,778	61,788	25,192
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	57,204
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	15,687

For footnotes, see p. 728.

No. 735.—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
Hennequin	do	12,092	16,120	7,616	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	430
Twine, binder [3]	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	74,055	91,091	70,798	12,813	15,204	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					3,552	3,365	2,885
Jute bagging	Sq. yard	48,272	27,863	31,463	5,200	3,129	1,990
Other products					4,227	4,255	3,003
FLOOR COVERING, AND OILCLOTH							
Total value					95,702	109,327	54,663
Oilcloth (cotton back)	Sq. yard	105,284	125,677	93,095	18,703	23,640	13,626
Linoleum (jute back)	do	49,921	48,272	20,372	42,039	48,744	19,408
Floor covering (felt back)	do	111,703	117,970	87,576	34,900	36,943	21,620
ARTIFICIAL LEATHER							
Total value					29,165	31,348	15,007
Pyroxylin coated	Sq. yard	49,651	65,029	32,695	24,455	30,441	13,344
Other than pyroxylin coated	do	10,025	862	1,068	4,089	891	1,153
Kind not specified					622	14	509

[1] Figures for 1927 are not strictly comparable with those for 1929 and 1931; data for the several classes made as secondary products in other industries are included for 1929 and 1931, but not for 1927.
[2] Excludes cotton jersey which is included with "Other knit products."
[3] Included in 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 Census, Department of Commerce.

No. 736.—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 730, p. 708. Data for 1923 to 1932 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 1932

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	292,606	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	11,036	28,042
1921	286,771	69,458	16,462	101,474	35,066	17,379	5,547	8,002	30,784
1923	351,114	100,283	22,230	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
1926	324,514	86,644	21,111	110,447	38,577	24,041	5,318	4,790	35,586
1927	343,606	95,328	24,229	116,259	39,650	24,542	1,488	3,301	38,808
1928	344,351	90,970	23,032	123,753	37,135	23,835	1,547	3,760	40,319
1929	361,402	94,770	22,993	131,303	39,927	23,750	1,768	3,121	43,770
1930	304,170	77,147	18,530	112,629	32,037	18,558	1,728	2,593	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

[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. 737.—LEATHER: PRODUCTION BY PRINCIPAL KINDS

NOTE.—For value of products of the tanning industry see Table 730, p. 708

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	632
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	524
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	1,640
Shanks...do	1,011	1,143	1,154	1,301	1,420	1,497	1,528
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.

Source: Bureau of the Census, Department of Commerce.

No. 738.—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						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	51,367	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	53,674	15,493	17,890	12,255
Belting					21,947	25,776	13,608
Hose and tubing					41,472	40,932	22,114
Packing					4,853	5,033	2,209
Druggists' and stationers' sundries					15,732	15,894	12,333
Hard-rubber goods					18,891	17,937	11,467
All other manufactures of rubber					122,096	136,242	87,843
Reclaimed rubber	Pound	330,436	363,696	216,509	27,373	23,906	9,985

Source: Bureau of the Census, Department of Commerce.

No. 739.—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	758,018	549,036
Acids:							
Acetic	Pound	46,296	66,364	62,586	5,049	6,890	3,537
Boric (boracic)	do	21,010	26,055	18,128	1,583	1,541	970
Carbonic	do	74,344	136,930	153,576	6,048	6,932	6,226
Citric	do	7,058	10,756	8,381	3,151	4,833	3,060
Hydrochloric (muriatic)	Ton	162	196	[1] 41	3,016	3,195	2,422
Mixed (sulphuric-nitric)	do	61	64	38	3,821	4,214	1,800
Nitric	do	29	35	[1] 31	3,559	3,496	3,382
Oleic	Pound	55,686	56,948	29,946	4,778	5,375	1,872
Phosphoric	do	22,397	34,674	[2] 19,096	1,682	2,073	761
Stearic	do	37,277	39,154	24,868	3,332	5,488	2,057
Sulphuric (basis 60° B)	Ton	4,972	5,816	4,230	42,886	45,573	33,075
Sulphuric reclaimed (50° B)	do	191	381	356	1,089	1,389	1,320
Tannic	Pound	1,297	1,449	2,404	593	504	668
Tartaric	do	5,781	4,906	5,181	1,811	2,060	1,463
Other acids					5,278	5,057	4,236
Alums	Ton	341	369	332	9,525	9,389	7,970
Aluminous abrasives	do	20	33	7	1,970	3,446	1,152
Other aluminum compounds					2,068	3,114	1,639
Coal-tar products:							
Crudes					24,862	26,370	20,778
Intermediates					22,844	25,594	18,907
Dyes and other finished products					58,350	78,688	53,403
Nitrogen compounds:							
Ammonia (aqua and liquor)	Pound	46,225	[3] 30,200	[3] 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
Ferric ferrocyanide	Pound	4,104	4,803	3,507	1,365	1,446	1,134
Other cyanides					4,946	6,337	4,590
Other nitrogen compounds					8,178	14,590	15,264
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	33,952	2,335	2,687	1,390
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 plastics					6,992	11,946	10,188
Potassium compounds:							
Bitartrate (cream of tartar)	Pound	7,595	7,853	6,881	1,747	1,930	1,572
Iodide	do	528	444	380	1,897	1,487	1,291
Other					5,663	6,581	5,249
Sodium compounds:							
Bichromate and chromate	Ton	31	39	24	3,780	5,137	3,162
Biborate (borax)	do	65	92	80	5,079	3,280	2,432
Carbonates—							
Soda ash	do	1,466	[4] 814	1,509	29,039	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
Hydroxide (caustic)	do	547	725	634	29,193	36,089	26,565
Repacked caustic	do	21	17	23	4,128	3,612	3,857
Phosphates	do	97	146	146	6,985	8,965	8,146
Silicate	do	505	590	664	5,826	7,179	7,592
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
Thiosulphate (hypo)	do	24	25	24	993	906	969
Niter cake	do	120	83	31	625	1,023	564
Sulphide	do	38	33	23	1,692	1,407	1,033
Other					15,753	26,096	24,443

[1] Basis 100 per cent. [2] Basis 50 per cent. [3] Ammonia (NH_3) content.

No. 739.—Chemicals: Products Made for Sale—Continued

Product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1927	1929	1931	1927	1929	1931
Miscellaneous:							
Barium compounds					1,607	2,234	1,526
Bismuth compounds					938	898	882
Calcium—							
Acetate	Ton	69	58	26	4,021	4,695	870
Arsenate	Pound	27,282	33,064	26,129	1,665	1,860	1,280
Carbide	Ton	202		128	9,398	(4)	8,024
Chloride	do	191	277	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	2,800	3,200
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	4,007	10,932	5,457	3,701	9,007	2,450
Ferro-alloys (*not blast furnace*)	Ton	197	247	146	17,049	28,655	13,200
Formaldehyde	Pound	26,447			2,432	(5)	(5)
Glycerin (glycero) refined	do	89,585	113,140	102,510	19,185	12,716	10,316
Hydrogen peroxide	do	21,443	[6] 8,509	[6] 12,854	1,506	2,372	3,293
Iron sulphate (copperas)	Ton	62	56	31	673	554	280
Lead arsenate	Pound	21,528	30,682	37,974	3,190	3,523	3,674
Silver nitrate	Ounce	4,597	5,647	5,597	1,957	2,016	1,199
Sulphur, refined	Ton	44	78	67	1,799	3,066	2,089
Tin, salt, and compounds					10,583	13,112	6,700
Vanillin	Pound	300	317	172	1,928	1,858	776
Zinc chloride	do	58,268	77,232	(5)	1,921	1,619	(5)
All other chemicals					130,776	184,503	140,542
Intergroup duplications					[7]11,067	[7]23,172	[7]27,207

[4] Included in "Other calcium compounds." [5] Included in "All other chemicals."
[6] Basis 100 volumes.
[7] Because of intergroup duplication the sum of the various products exceeds the total value of all products by this amount. For example, nitric acid is shown under "*Acids*" and is also included under "*Other* nitrogen compounds," likewise phenolic resins are included under "Coal-tar products" and under "Plastics."

No. 740.—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**	**24,090**
Natural dyestuffs:						
Extracts	26,500	24,052	32,939	2,049	2,426	1,616
Ground, chipped, or dry	921			20		
Tanning extracts:						
Oak and chestnut	319,155	274,989	232,662	5,671	4,296	3,394
Hemlock	6,596	(1)	(1)	210	(1)	(1)
Sumac	5,525	5,279	5,809	277	344	370
Quebracho	124,557	100,067	76,469	3,010	3,229	1,857
Other				1,854	1,937	2,116
Other tanning materials				409	152	97
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	6,109	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 and other assistants				3,622	4,351	4,431

[1] Included with "Other."

Source of Tables 739 and 740: Bureau of the Census, Department of Commerce.

No. 741.—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 quantitative data are available are shown. See also chemicals (Table 739), petroleum refining (Table 711), manufactured gas (Table 702), etc. Semifinished products made for consumption in the same establishment are not 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, 350	54, 277	33, 214	2, 524	2, 490	1, 288
Carbon black	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	[1] 2, 531	[1] 1, 968	30, 003	28, 375	20, 678
Other fertilizers	do	600	797	455	15, 427	25, 518	9, 867
PAINT AND VARNISH							
Total value					527, 109	574, 880	362, 064
Colors (pigments)	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, 528	49, 554	46, 666	26, 191
Ready mixed paints	Gallon	94, 071	106, 165	78, 249	165, 664	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	(2)	(2)	14, 561	(2)	(2)	1, 393
Varnishes, japans, lacquers, enamels, and allied products.					178, 231	204, 881	125, 310
Quantity reported	Gallon	106, 452	126, 874	88, 209	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, 486	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, 756	238, 062
Hard soaps	Pound	[3] 2, 436, 148	2, 587, 955	2, 572, 805	[3] 212, 475	235, 581	197, 185
Toilet soaps	do	[3] 287, 690	324, 383	305, 638	[3] 53, 573	59, 983	53, 064
Soap chips	do	373, 216	387, 925	351, 077	39, 422	41, 764	30, 353
Laundry and foots soap	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.		484, 464	505, 529	426, 779	24, 024	23, 387	18, 442
Soft soap	do	79, 773	66, 141	42, 285	4, 231	3, 951	2, 247
Liquid soap	do	24, 934	35, 263	33, 627	3, 241	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	[4] 33, 250	6, 444	7, 904	[4] 2, 643	766	416
Soap stock or soap base	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, 864	71, 293	58, 706
Acetylene	Cu. ft	682, 481	969, 534	611, 076	16, 196	16, 554	12, 912
Chlorine	Pound	180, 163	289, 855	255, 511	6, 678	7, 113	5, 248
Carbon dioxide (not solid)	do	74, 344	136, 930	153, 575	6, 048	6, 932	6, 226
Hydrogen	Cu. ft	103, 714	207, 843	191, 984	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, 607	810	1, 196	923
Dry ice (solid carbon dioxide)	Pound	(2)	(2)	84, 954	(2)	(2)	2, 990
Other gases					7, 403	14, 605	11, 129

[1] Basis, 16 per cent. available phosphoric acid.
[2] Data not reported separately.
[3] Figures include shaving soap.
[4] Due to a change in classification, figures are not strictly comparable with those for later years.

No. 741.—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
Strychnine	do	28			190		
Nicotine	do	790			2,011	3,858	4,069
Other, including quinine and other cinchona alkaloids, and alkaloids not itemized.					1,215		
Biological products					18,411	16,850	14,821
Tinctures, fluid extracts, medicinal sirups, and other liquid preparations not otherwise accounted for.					38,612	49,487	33,596
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					140,670	154,899	123,393
Ethical specialties (dispensed on prescription).					43,304	56,941	52,407
PATENT AND PROPRIETARY COMPOUNDS							
Total value					84,132	101,913	78,076
Antiseptics					17,864	21,709	22,432
Liquid deodorants	Pound	[5] 6,378	[5] 10,871	[5] 4,893	[5] 1,517	[5] 3,451	[5] 599
Block and crystal deodorants	do	[5] 514	[5] 1,503	[6] 1,032	[5] 380	[5] 961	[5] 612
Powder deodorants	do	[5] 1,672	[5] 1,937	[6] 956	[5] 347	[5] 370	[6] 194
Other deodorants	do	[5] 630	[5] 638	[6] 247	[5] 329	[5] 251	[6] 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					2,237	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	1,561
Other household insecticides	do	14,197	8,955	9,027	3,621	2,123	1,698
Agricultural insecticides and fungicides.					8,782	10,340	6,964
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					15,302	19,198	10,351
Toilet waters					8,469	8,264	4,653
Creams					20,219	33,347	25,124
Rouges					11,492	12,309	10,730
Dentifrices					30,693	32,464	35,699
Hair tonics					11,630	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	2,643
All other toilet preparations					38,979	51,046	42,483
ICE, MANUFACTURED							
Total value					184,400	209,008	378,818
Ice:							
Ice industry	Ton	[7] 39,058	[7] 44,477	[7] 43,268	178,639	204,422	189,409
Can ice	do	38,865	44,357	42,268	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

[5] For personal and other uses.
[6] For other than personal uses.
[7] 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.

Source: Bureau of the Census, Department of Commerce.

No. 742.—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	2,179,523
Newspapers and periodicals, printed and published or published only	1,154,786	1,321,611	1,459,688	1,580,565	1,293,777
Newspapers	803,497	892,094	977,648	1,073,119	886,523
Periodicals, other than newspapers	351,289	429,517	482,040	507,446	407,254
Subscriptions and sales	360,893	398,338	429,467	460,327	425,267
Advertising	793,893	923,273	1,030,221	1,120,238	868,510
Newspapers and periodicals, printed for publication by others	36,893	56,488	54,975	71,521	70,640
Books and pamphlets	178,474	201,708	232,920	257,012	232,535
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	570,367
	Aggregate circulation per issue				
Newspapers and periodicals:					
Daily	35,733,107	38,030,682	42,343,210	42,947,824	42,124,651
Sunday	24,511,693	25,630,056	27,695,869	29,011,648	27,453,465
Triweekly	431,504	400,730	468,534	311,777	215,604
Semiweekly	2,024,683	1,934,095	2,026,760	2,982,184	2,637,120
Weekly	47,360,508	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

No. 743.—ENGINES, WATER TURBINES, TRACTORS, AND LOCOMOTIVES

[Value in thousands of dollars]

Class	1923	1925	1927	1929	1931
Total	407,038	310,556	367,026	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	166,633	68,279
Diesel and semi-Diesel type—					
Marine	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	29,173	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	136,837	196,953	
Traction engines, steam	1,893	258	113	44	
Tractor trucks (semitractors)		(5)	2,172		
Water turbines	6,732	5,338	5,441	5,023	6,889
Engines and turbines not specified as to kind of power		[6] 13,707	414	675	
Locomotives, steam	184,469	46,301	58,315	62,805	12,349

[1] No data.
[2] Excluding engines built for installation in motor vehicles manufactured in the same establishments.
[3] Includes some aviation engines for 1923 and 1925 and a few motor-cycle engines for 1923.
[4] Excluding engines built for installation in aircraft manufactured in the same establishment. Data prior to 1927 included with motor vehicle and other stationary and portable engines (see footnote 3).
[5] Reported with "Engines and turbines," etc., to avoid disclosing operations of individual establishments.
[6] Reported as secondary products by establishments in other industries; tractor trucks also included.

Source of Tables 742 and 743: Bureau of the Census, Department of Commerce.

No. 744.—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	2,708
Automatic and hand-operated horizontal turret	8,260	(1)	31,334	6,026
Other	1,279	(1)	4,912	1,009
Milling machines	5,867	(1)	16,857	3,845
Planers	268	52	2,517	429
Portable tools (electric and pneumatic):				
Drills—				
Number reported	133,369	61,309	7,033	3,683
Number not reported		(1)		318
Grinders	56,844	14,986	3,547	1,032
Hammers	55,130	13,085	3,549	1,231
Other, including portable motor-driven garage equipment, etc.	(1)	(1)	5,630	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] Data incomplete.

Source: Bureau of the Census, Department of Commerce.

No. 745.—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, poultrymen's, and apiarists' supplies," "electrical machinery, apparatus, and supplies," etc. This table is not an industry presentation, but a special presentation giving value of products for groups designated. The values are in part duplicated in other tables in this abstract, such as Tables 743, 744, 746, and 747

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	5,663
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, adding, calculating, and card-tabulating machines, and typewriters	(1)	(1)	143,913	151,583	62,170
Cement and concrete machinery:					
Cement-making machinery	(1)	4,146	4,619	4,387	1,579
Cement and concrete-block machinery	(1)	1,461	856	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	5,682	3,674	3,809

Footnotes at end of table.

No. 745.—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	24,945	12,261
Cotton ginning machinery	7,175	12,808	9,543	11,760	3,630
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	2,544
Hydraulic machinery (other than for dredging)	2,516	4,938	2,906	10,082	4,540
Laundry machinery	19,077	24,198	27,204	28,893	14,637
Lawn mowers	3,258	3,047	2,269	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	15,906	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	15,793
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	53,240	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] 42,903	[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	8,821	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
Vacuum cleaners (electric)	36,870	40,285	36,972	[7] 35,108	24,847
Washing machines, 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 value of motor parts.
[3] Excluding steam boilers made for sale as separate units.
[4] Includes value of motor cycle side cars and parts.
[5] Not strictly comparable with later years; includes power pumps and equipment only.
[6] Figures include sewing machine cases made for sale as such.
[7] Figures include both electric and other vacuum cleaners.

Source: Bureau of the Census, Department of Commerce.

No. 746.—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	967,642
Generators (not specified elsewhere):					
Direct current—					
Value	4,235	5,317	4,503	2,500	1,581
Alternating current—					
Number				2,360	1,053
Kilovolt-amperes (thousands)				3,809	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	77,899	18,335	203	85
Kilovolt-amperes (thousands)				752,179	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	276
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		
Fire-alarm apparatus	2,640	3,490	3,611	4,030	2,377
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.	26,959	29,678	33,272	36,813	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	13,060	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	5,440	3,261	1,718
Conduits and fittings	(3) 37,500	45,785	41,717	58,158	32,635
Electric signaling apparatus (other than railway)	7,142	5,081	6,365	8,218	4,505
All other	197,588	233,279	281,830	395,285	177,147

[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. 747.—FARM EQUIPMENT: PRODUCTION

NOTE.—For all wagons, see Table 750; for all tractors, see Table 743

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	20,340	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] 48,576	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	389	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	13,815	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	95,433	15,383	1,048	2,505	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					15,864	22,857	21,892	8,595
1-horse	159,173	202,755	156,134	57,999	884	979	756	296
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	3,684	874
Hand cultivators (wheeled hoes)	133,214	153,434	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	65,069	[4] 46,186	15,356	10,610	10,661	[4] 7,787	2,451
Combines (harvester—thresher)	25,392	36,957	24,409	5,907	35,693	50,684	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	2,099	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	203
Hay presses	3,674	3,460	3,068	1,627	1,082	1,106	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	4,485	5,895	6,161	2,675	822	908	1,102	590
Attachments and parts					29,070	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	1,462	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					118,273	120,469	96,682	60,340
Stalls, stanchions, and stock pens					2,877	3,125	2,582	1,400
Stock tanks and waterers	353,583	361,026	317,797	204,406	2,022	2,087	1,988	1,174
Cream separators (hand)	[6] 203,857	[6] 172,187	105,553	64,426	[6] 9,673	[6] 7,695	4,709	2,372
Internal-combustion engines	140,833	146,690	92,948	38,072	9,016	9,134	5,338	2,479
Windmills and windmill towers	149,923	132,166	94,061	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. 748.—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	76,839	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	7,713	6,289	168	5,856	2,832	94
Parlor	8,767	7,767	5,517	5,320	4,160	2,378
Parlor, player	1,224	2,207	311	1,726	2,165	260
Concert	263	234	68	290	155	44
Automatic and electric	5,974	[1] 9,727	427	2,768	[1] 3,389	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	4,545	2,141
Wood		23,906	18,728	1,845	999	672
Stringed instruments				4,201	3,057	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				[2] 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] Includes data for a few pianos not reported as to kind.
[2] Includes the value of a small number of orchestrions not called for on schedule for 1929 and 1931

No. 749.—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 have been published in previous issues of this publication under the "Electrical machinery, apparatus and supplies" and "Musical instruments and phonographs," industries, respectively. For available detailed statistics 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	Miscellaneous:		
For the home	3,648,383	113,396	Receiving-set chassis for sale separately as such [3]	405,942	7,863
Automobile sets	96,145	3,070	Microphones (all types)	10,225	187
Aircraft sets (incl. accessory equipment except batteries)	727	217	Loud speakers for sale separately as such [3]	[2]	4,648
Television sets or kits, complete	427	17	Other apparatus and products (including dictating machines [4] and record blanks)		11,660
Receiving sets for commercial use	[2]	272	Receiving tubes for renewal purposes	24,318,052	13,714
All other receiving sets	[2]	395	Receiving tubes for initial equipment [3]	24,944,796	13,264
Combined portable receiver and transmitter	[2]	465	*Transmitting tubes:*		
Combination radio and phonograph units	73,603	6,310	Three-electrode and screen-grid	62,562	1,410
Transmitters (including all associated equipment)	1,100	2,399	Light-sensitive (all sizes, all purposes); other, primarily for industrial control apparatus	[2]	449
Phonographs, for mechanical and electrical reproduction, including cabinets and tubes	48,304	1,670	Rectifier tubes	24,803	490
Phonographs, class not reported		821			

[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 receiving sets for installation in such sets made within the year 1931.
[4] Dictating machines can not be shown separately without disclosing data for individual establishments.

Source of Tables 748 and 749: Bureau of the Census, Department of Commerce.

No. 750.—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	3,412,058	1,387,517
Passenger vehicles	2,926,274	4,383,315	1,921,435	2,175,545	2,825,701	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	2,537,938	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	1,960	1,215	11,521	10,156	6,163
Business vehicles	329,673	391,593	245,735	258,404	277,352	164,101
Delivery cars	60,981	124,414	79,821	33,883	64,229	35,673
Trucks	266,492	261,523	164,225	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	71,162
Passenger	56,074	76,401	7,556	27,156	32,398	3,739
Business	122,413	435,818	119,656	68,088	266,449	67,423
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 [2]						
Total value				332,270	347,398	105,410
Steam:						
Passenger (day coaches only)	967	342	104	22,621	6,817	2,926
Sleeping, baggage, express, etc., in passenger service	1,054	1,169	[3]	30,790	35,058	3,745
Box	19,645	34,168	3,038	45,319	80,989	6,345
Flat	1,656	2,845	[4]	2,838	5,150	[4]
Gondolas	10,479	12,544	876	20,023	29,401	1,514
Hopper	8,734	10,132	2,676	19,917	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	4,744	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	364	18,918	6,350	7,159
Other varieties	167	38		1,764	266	
All other products, including cars not reported by service, kind, or number, and repairs				104,611	98,329	56,570
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, public conveyances, etc.	13,192	4,122	940	4,593	[5] 3,879	[5] 1,393
Carriages, buggies, and sulkies	7,633	3,597	711	687	347	68
Other conveyances	9,781	7,114	2,369	330	[6] 271	72
Handcarts and pushcarts	9,640	14,132	5,473	135	268	73
Wheelbarrows				3,314	3,560	1,243
AIRCRAFT						
Total value				20,950	70,334	40,428
Airplanes	1,888	6,522	2,382	12,225	46,848	17,896
Seaplanes	107	109	120	2,280	4,660	4,509
Parts and engines for sale as such				6,445	19,961	9,774
All other products, including repairs					7,865	8,249

[1] Motor cycles can not be shown separately without disclosing data for individual establishments. Value combined with that for "Parts" etc.

[2] Not including cars built or repair work done by railroad companies.

[3] Data incomplete.

[4] Included in "Other varieties."

[5] Includes $414,000 representing value (chiefly of lunch wagons) for which number was not reported for 1929; $281,000 (chiefly of dump wagons) for which number was not reported for 1931.

[6] Includes $17,000, value for which number was not reported.

Source: Bureau of the Census, Department of Commerce.

No. 751.—COTTON SPINDLES, COTTON CONSUMPTION, AND STOCKS

NOTE.—The statistics for 1915 to 1932 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)	2,618	530	1,502	477
1900	(2)	19,472	4,368	13,171	1,933	(2)	3,873	1,523	1,909	440
1905	(2)	23,687	7,631	14,203	1,853	(2)	[4] 4,279	[4] 2,140	[4] 1,753	[4] 386
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	18,066	2,019	429	5,766	3,199	2,165	402
1920	35,834	35,431	15,231	18,287	1,963	402	6,420	3,583	2,397	440
1921	36,618	36,047	15,700	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	6,665	4,248	2,049	369
1924	37,804	35,849	16,944	17,066	1,839	258	5,681	3,858	1,535	288
1925	37,929	35,032	17,292	15,975	1,765	251	6,193	4,220	1,639	334
1926	37,586	34,760	17,574	15,526	1,660	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

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	[5] 4,829	[5] 4,680	[5] 4,595	[5] 62	149	[7] 163	[5] 731	[5] 673	58	[7] 30
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	630	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	886	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	5,804	5,803	1	302	805	1,183	1,048	135	239
1931	5,263	5,084	5,083	1	179	714	996	922	74	264
1932	4,866	4,744	4,743	1	122	637	1,218	1,163	55	301

[1] Includes linters for 1840 to 1905.
[2] Figures not available.
[3] Cotton mills only.
[4] Does not include foreign cotton.
[5] Includes linters for 1906 to 1908.
[6] Average, 1907 to 1910.
[7] Average, 1909 and 1910.

Source: Bureau of the Census, Department of Commerce.

No. 752.—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	1931	1932	1929-30	1930-31	1931-32	1911-1915 average	1926-1930 average	1929-30	1930-31	1931-32
United States	**34,025**	**32,673**	**31,709**	**87,515**	**75,264**	**68,755**	**5,257**	**6,735**	**6,106**	**5,263**	**4,866**
The South	19,122	19,109	19,138	61,878	54,483	53,613	2,740	4,990	4,749	4,147	4,033
New England	13,479	12,168	11,374	23,038	18,757	13,260	2,101	1,466	1,143	937	678
Other States	1,424	1,396	1,197	2,598	2,024	1,882	416	279	214	179	155
Alabama	1,862	1,854	1,871	5,833	5,323	5,556	275	563	584	520	532
Connecticut	1,090	1,074	1,067	2,219	1,926	1,391	127	101	90	75	53
Georgia	3,240	3,247	3,312	10,096	8,819	8,908	589	1,139	1,090	930	874
Maine	1,036	1,010	982	1,899	1,823	1,409	170	126	114	105	88
Massachusetts	7,828	6,693	6,168	13,212	10,181	6,689	1,269	823	627	491	340
New Hampshire	1,302	1,232	1,188	2,265	2,055	1,680	292	208	169	160	122
New Jersey	371	373	236	620	370	412	56	36	31	26	28
New York	696	665	617	1,257	1,009	904	199	139	101	84	70
North Carolina	6,229	6,231	6,192	19,208	16,631	15,261	840	1,534	1,421	1,252	1,183
Pennsylvania	98	98	98	177	182	139	48	23	17	15	11
Rhode Island	2,105	2,041	1,852	3,188	2,552	1,930	232	199	133	98	69
South Carolina	5,676	5,685	5,696	20,610	18,589	18,737	743	1,196	1,124	1,016	1,018
Tennessee	613	620	594	2,308	2,107	2,055	74	157	169	150	140
Virginia	688	679	678	1,826	1,367	1,648	86	120	120	96	116
All other States	1,190	1,171	1,159	2,789	2,230	2,046	258	371	315	245	222

Source: Bureau of the Census, Department of Commerce.

No. 753.—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	1924	1925	1926	1927	1928	1929	1930	1931	1932
Black blasting powder	**6,683**	**6,279**	**6,307**	**5,268**	**4,870**	**4,802**	**3 995**	**3,193**	**2,550**
Railway and other construction work	341	382	301	249	317	275	289	303	208
Coal mining	5,625	5,297	5,444	4,503	4,036	4,082	3,427	2,711	2,252
Metal mining [1]	-------	138	114	86	84	91	56	46	18
Quarrying and nonmetallic mineral mining [1]	-------	240	236	231	202	183	153	114	59
Other mining	144	-------	-------	-------	-------	-------	-------	-------	-------
All other purposes	572	221	212	199	231	170	70	20	12
High explosives other than "permissible"	**273,323**	**286,435**	**310,518**	**303,468**	**292,785**	**326,993**	**291,391**	**216,157**	**137,908**
Railway and other construction work	40,647	39,916	44,982	48,253	50,767	60,060	78,362	74,964	53,860
Coal mining	36,608	26,947	35,229	34,173	30,077	31,752	28,148	19,965	16,173
Metal mining [1]	-------	102,623	110,374	102,122	96,088	108,939	91,161	57,431	20,409
Quarrying and nonmetallic mineral mining [1]	-------	71,501	76,186	78,506	74,820	79,505	68,334	48,568	29,263
Other mining	103,836	-------	-------	-------	-------	-------	-------	-------	-------
All other purposes	92,231	45,448	43,747	40,413	41,032	46,738	25,386	15,229	9,203
"Permissible" explosives	**55,134**	**58,353**	**67,685**	**63,847**	**60,708**	**62,869**	**53,826**	**41,578**	**32,225**
Railway and other construction work	265	263	242	216	158	154	214	431	369
Coal mining	62,147	52,256	65,143	60,942	57,261	60,244	52,378	40,611	31,533
Metal mining [1]	-------	3,533	216	191	231	165	183	10	35
Quarrying and nonmetallic mineral mining [1]	-------	838	581	536	1,243	370	502	230	93
Other mining	515	-------	-------	-------	-------	-------	-------	-------	-------
All other purposes	2,207	1,463	1,503	1,962	1,814	1,735	549	295	195

[1] Prior to 1925 included with "Other mining" and "All other purposes."

Source: Bureau of Mines, Department of Commerce.

No. 754.—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	1924	136,682	847	137,530	[4] 4,891
1910	156,238	7,656	163,894	[3] 59,485	1925	166,951	548	167,498	[4] 5,119
1915	132,134	8,522	140,656	[3] 59,808	1926	203,166	644	203,810	[4] 4,856
1918	173,476	5,357	178,834	[3] 50,266	1927	185,133	338	185,472	[4] 4,382
1919	98,976	1,802	100,779	[3] 27,713	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	194,341	416	195,267	[4] 3,681
1922	81,086	1,077	82,163	[4] 6,348	1931	169,574	820	170,394	[4] 3,137
1923	123,208	1,417	124,626	[4] 5,269	1932	149,760	631	150,391	[4] 2,765

[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. 755.—DENATURED ALCOHOL

Year ended June 30—	Alcohol produced at industrial alcohol plants[1]	Denaturing plants	Ethyl alcohol withdrawn for denaturation	Denatured alcohol produced		
				Completely denatured	Specially denatured	Total
	Proof gallons		*Proof gallons*	*Wine gallons*	*Wine gallons*	*Wine gallons*
1910		12	10,605,871	3,076,925	3,002,103	6,079,027
1915		23	25,411,719	5,386,647	8,599,822	13,986,469
1920	18,933,551	52	45,640,949	13,528,403	15,307,947	28,836,350
1921	85,068,776	67	38,812,139	12,392,595	9,996,230	22,388,825
1922	79,906,102	77	69,549,920	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	166,165,618	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	170,033,437	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	34,208,236	44,031,282	78,329,517

[1] Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.
[2] Includes alcohol produced in Puerto Rico.

No. 756.—LEAF TOBACCO: AMOUNTS CONSUMED IN THE MANUFACTURE OF CIGARS, CIGARETTES, CHEWING AND SMOKING TOBACCO, AND SNUFF

NOTE.—**All figures in thousands of pounds.** Figures represent the equivalent in unstemmed leaf tobacco, of stemmed leaf or scraps, cuttings, and clippings. In the following table the tobacco used in the manufacture of cigars and cigarettes was converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed beginning 1915 (conversion prior to 1915 was at the ratio of 3 to 5) and of tobacco and snuff beginning 1903. For 1896 to 1902, tobacco used in manufactured tobacco and snuff was shown only under two heads, namely "leaf" and "scraps." It is probable that stemmed leaf was included with unstemmed tobacco under the head of "leaf" without the one kind being converted to the equivalent in the other. The conversion ratio of 3 to 4 was applied only to "scraps" for these years. Data exclude tobacco used in bonded manufacturing warehouses. See Table 758

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	689,036	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					
1921–1925	672,077	151,421	198,069	322,588	1926	737,354	152,372	267,584	317,399
1926–1930	762,540	149,240	312,533	300,767	1927	744,288	152,510	290,464	301,314
					1928	754,025	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	779,806	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[1]	674,896	106,024	291,969	276,903

[1] Estimates of the Bureau of Foreign and Domestic Commerce.

Source of Tables 754 to 756: Reports of the Commissioner of Internal Revenue, Treasury Department.

No. 757.—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 18,689,484 cigars, in 1932. 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	230,151	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**	**100,361,216**
1923	412,777	120,798	10,665	7,141	234,944	39,228	6,950,247	505,305	18,066	66,715,830
1924	414,178	111,477	9,902	6,781	246,990	39,029	6,597,677	530,714	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	6,280	237,934	40,197	6,519,005	439,419	11,432	99,809,032
1928	380,333	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	5,550	229,585	41,127	6,518,533	419,880	9,952	122,302,381
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	117,064,214
1932 [2]	348,685				[3] 312,273	36,412	4,442,891	281,367	3,561	103,585,889

State	Number of factories Jan. 1, 1932, making—			Production in 1931 (calendar year)				
	Tobacco and snuff [4]	Cigars	Cigarettes	Tobacco and snuff (1,000 pounds)	Cigars (thousands)		Cigarettes (thousands)	
					Large	Small	Large	Small
Total	**890**	**5,982**	**108**	**371,237**	**5,347,921**	**338,997**	**5,160**	**117,064,214**
California	28	203	10	146	70,431	31	34	4,146,008
Connecticut	10	123	1	54	23,237			3
Florida	4	295	2	4	542,346			2,077
Illinois	103	645	8	36,341	40,007		153	98,395
Indiana	36	147		261	118,453			
Kentucky	41	42	3	23,686	153,519			3,924,866
Louisiana	1	32	1	93	52,829			4,014
Massachusetts	24	353	8	305	66,093		14	2,184
Michigan	28	162	2	9,745	247,134		5	26,409
Minnesota	26	129		60	24,167			
Missouri	12	134	2	44,248	147,521			101,114
New Hampshire	8	61		1	41,797			
New Jersey	13	161	3	8,205	712,269	282		4,764,768
New York	169	1,224	43	2,522	476,083	13,220	2,564	864,022
North Carolina	11	17	6	130,986	10,667	31,067	2,213	73,469,007
Ohio	67	369		50,846	352,236	61		
Pennsylvania	84	824	10	6,429	1,782,904	9,792	129	121,456
Tennessee	16	20		19,806	2,353			
Virginia	9	30	7	23,813	226,979	284,540	49	29,539,390
West Virginia	7	53	1	10,573	49,517	5		
All other	118	[5] 958	1	3,024	207,378			

[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.
[5] Figures include Hawaii.

Source: Annual Report of the Commissioner of Internal Revenue.

No. 758.—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 766

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	[1] 674,896
In bond	19,059	16,073	28,132	13,267	4,175	425	440
Manufactured tobacco imported:							
From Puerto Rico	2,498	2,081	2,165	2,043	2,261	2,307	1,025
Other countries	3,859	3,498	3,263	2,682	2,408	2,458	2,393
Exports of manufactured tobacco [2]	35,960	28,961	42,702	33,293	22,251	16,148	13,501
Remaining for consumption	726,810	736,979	745,483	781,325	766,399	741,446	664,228
Per capita consumption—pounds	6.24	6.24	6.22	6.43	6.22	5.98	5.32

[1] Estimated.
[2] Includes shipments to Alaska, Hawaii, and Puerto Rico.

Sources: Leaf tobacco used in registered factories from reports of the Commissioner of Internal Revenue; leaf tobacco used in bonded factories from reports of the Division of Customs, Treasury Department.

No. 759.—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	7,364	340	183			
1851-1860	44,302	9,571	26,087	23,140	1,025	922			
1861-1870	128,763	22,228	85,910	79,612	3,181	3,117	121	121	
1871-1880	200,436	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	284,956	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		234,867	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	2,631	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	11,939	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	65,839	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		40,737	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		[6] 55,103	[6] 51,771	2,937	395	[5] 15,328	[5] 13,050	2,278
1932	71,517		[6] 56,856	[6] 53,519	2,944	393	[5] 13,196	[5] 11,300	1,896

[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, 1,608 in 1929, 1,665 in 1930, 1,643 in 1931, and 1,687 in 1932.
[6] Figures include 5 plant patents in 1931 and 46 in 1932 issued since the law passed May 23, 1930.

Source: Reports of the Commissioner of Patents.

33.—DISTRIBUTION—WHOLESALE AND RETAIL

No. 760.—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	70, 840	912, 143	1, 713, 259	3, 447, 360	29, 556, 156	3, 382, 558
Wholesale merchants	70, 896	825, 279	1, 521, 226	3, 052, 704	24, 632, 494	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, 029, 681	98, 840
Manufacturers' sales branches	16, 515	306, 878	655, 010	1, 300, 633	14, 812, 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	100, 519	4, 672, 632	60, 306
Export agents	260	3, 244	6, 855	17, 649	308, 559	15, 979
Import agents	85	925	2, 381	5, 283	57, 158	3, 770
Manufacturers' agents	6, 987	28, 742	65, 835	121, 489	1, 775, 355	49, 504
Purchasing agents and resident buyers	107	1, 442	3, 074	7, 842	290, 306	7, 895
Selling agents	3, 200	26, 695	66, 270	126, 491	2, 622, 663	42, 927
Assemblers and country buyers	34, 145	116, 108	93, 526	203, 279	4, 652, 183	293, 497
All other	669	59, 998	110, 109	220, 487	2, 005, 810	144, 974

Source: Bureau of the Census, Department of Commerce.

No. 761.—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
Chemicals	1, 206	14, 624	39, 385	81, 929	888, 604	51, 705
Drugs and drug sundries (general line)	638	24, 023	42, 483	76, 718	575, 100	93, 709
Drugs and drug sundries (specialty)	849	8, 217	17, 011	48, 954	193, 898	37, 800
Paints, varnishes, lacquers, and enamels	1, 027	12, 571	28, 101	50, 327	304, 999	40, 885
Toilet articles and preparations	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	59, 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. 761.—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	3,061,510	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	3,170,313	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	10,129	334,061	40,129
Other farm products	1,698	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	19,230	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	1,443	15,896	21,709	49,112	243,682	10,939
Fruits and vegetables (fresh)	11,194	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	49,668	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	36,037
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	451,031
Food and grocery specialties	7,094	79,450	146,819	354,118	4,333,905	189,948
Hardware (general line)	1,227	40,339	74,762	133,479	754,594	154,211
Hardware (specialty)	562	4,794	9,816	17,361	111,565	14,591
Iron and steel scrap	644	6,516	11,141	23,185	263,794	10,696
Junk and scrap	3,083	11,999	14,425	28,959	234,032	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	460,089	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	58	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	4,050	9,027	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	30,055
Service equipment and supplies	1,439	11,340	23,560	46,343	201,098	28,471
Transportation equipment and supplies	412	3,340	10,992	21,118	230,879	9,061
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	38,355	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	65,120	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	7,453
Rubber goods (*general line*)	92	4,479	9,079	17,605	121,220	19,395
Textiles and textile materials (other than dry goods)	1,299	11,843	27,361	53,232	831,884	65,596
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. 762.—WHOLESALE TRADE: SUMMARY OF ALL WHOLESALE DISTRIBUTORS AND OF WHOLESALERS ONLY, BY DIVISIONS AND STATES, 1929

[All money figures in thousands of dollars]

Division and State	All wholesale trade					Wholesalers only				
	Number of establishments	Number of employees	Salaries and wages	Net sales	Stocks on hand, end of year (at cost)	Number of establishments	Number of employees	Salaries and wages	Net sales	Stocks on hand, end of year (at cost)
U. S.	169, 702	1, 605, 042	3, 010, 130	89, 291, 548	5, 246, 740	79, 340	912, 143	1, 713, 259	29, 556, 156	3, 382, 558
New England	9, 793	111, 164	206, 779	4, 195, 260	328, 360	6, 488	69, 665	124, 852	2, 130, 399	206, 395
Me	987	7, 545	11, 311	189, 975	22, 973	521	4, 334	7, 845	104, 864	14, 734
N. H	326	2, 456	3, 692	61, 414	6, 231	199	1, 800	2, 156	30, 969	4, 206
Vt	308	1, 933	2, 899	57, 393	5, 432	133	1, 368	2, 034	36, 520	4, 122
Mass	6, 066	72, 929	145, 958	3, 065, 856	221, 505	4, 069	43, 860	85, 027	1, 557, 140	143, 473
R. I	737	8, 029	14, 820	300, 072	23, 781	571	5, 672	10, 241	167, 683	15, 720
Conn	1, 369	18, 272	28, 099	520, 551	48, 438	995	12, 331	17, 548	233, 222	26, 141
Mid. Atlantic	38, 197	432, 307	969, 544	23, 390, 807	1, 649, 126	26, 002	264, 060	573, 976	10, 311, 721	1, 146, 848
N. Y	25, 311	291, 056	696, 203	17, 004, 634	1, 273, 101	17, 611	176, 785	410, 707	7, 831, 108	887, 141
N. J	2, 344	27, 596	55, 691	1, 008, 881	60, 719	1, 701	16, 970	34, 891	502, 117	50, 094
Pa	10, 542	113, 655	217, 650	4, 777, 292	306, 215	6, 690	70, 305	128, 288	1, 978, 496	209, 413
E. N. Central	32, 185	363, 398	687, 611	14, 028, 413	908, 483	14, 390	192, 668	373, 387	5, 492, 609	581, 068
Ohio	8, 077	84, 756	154, 667	3, 094, 100	197, 408	4, 130	50, 363	92, 150	1, 371, 472	132, 056
Ind	3, 734	25, 474	43, 258	921, 561	61, 806	1, 445	14, 572	24, 991	376, 738	42, 960
Ill	11, 587	164, 531	341, 523	6, 861, 067	418, 757	5, 132	80, 886	167, 547	2, 300, 327	246, 039
Mich	5, 272	47, 406	97, 087	2, 172, 409	118, 537	2, 525	27, 380	54, 385	855, 119	76, 973
Wis	3, 515	31, 231	51, 075	979, 276	109, 975	1, 668	19, 468	34, 314	528, 950	83, 036
W. N. Central	28, 954	199, 508	331, 093	8, 709, 122	715, 032	7, 151	106, 128	181, 577	3, 022, 890	469, 108
Minn	5, 521	37, 708	62, 656	1, 710, 944	152, 370	1, 683	22, 209	30, 323	681, 384	95, 503
Iowa	4, 954	27, 603	41, 032	1, 057, 006	69, 105	1, 059	13, 748	22, 017	350, 841	41, 401
Mo	6, 674	79, 488	145, 571	3, 361, 721	240, 247	2, 591	45, 219	81, 976	1, 209, 060	159, 615
N. Dak	2, 519	5, 929	9, 940	262, 430	24, 418	184	1, 868	3, 250	52, 153	5, 584
S. Dak	1, 973	5, 537	8, 616	236, 280	16, 810	202	2, 171	3, 266	51, 425	5, 810
Nebr	2, 890	17, 268	28, 106	1, 054, 064	58, 561	596	8, 933	15, 573	280, 423	35, 673
Kans	4, 323	22, 975	35, 177	1, 026, 677	153, 515	836	11, 980	19, 171	397, 003	125, 517
S. Atlantic	15, 862	149, 227	200, 123	4, 657, 675	360, 267	7, 193	74, 334	109, 985	1, 951, 501	213, 645
Del	286	2, 094	3, 778	118, 087	10, 514	125	889	1, 523	21, 281	2, 697
Md	2, 205	22, 468	33, 065	741, 367	49, 522	1, 229	15, 790	21, 350	348, 388	35, 312
D. C	496	7, 575	13, 700	261, 083	14, 305	330	4, 107	7, 212	98, 179	9, 066
Va	2, 344	22, 739	30, 272	656, 309	79, 334	1, 176	13, 509	18, 402	280, 715	39, 588
W. Va	1, 132	10, 339	19, 303	346, 339	29, 559	626	7, 169	13, 345	181, 817	22, 995
N. C	2, 413	24, 476	25, 823	717, 432	63, 826	1, 037	9, 305	12, 441	267, 917	30, 623
S. C	1, 539	7, 726	10, 535	333, 529	17, 524	539	3, 824	5, 829	148, 002	12, 632
Ga	3, 183	22, 735	36, 896	1, 016, 496	62, 220	1, 076	11, 026	16, 772	415, 437	37, 587
Fla	2, 054	20, 075	26, 751	466, 536	33, 482	1, 045	8, 715	13, 109	189, 765	22, 144
E. S. Central	7, 739	64, 502	95, 386	2, 550, 847	237, 353	3, 131	40, 189	61, 638	1, 213, 242	125, 261
Ky	2, 027	21, 538	26, 083	522, 495	99, 959	867	13, 180	18, 200	251, 472	35, 628
Tenn	2, 256	22, 485	35, 124	1, 063, 981	68, 735	967	14, 191	23, 118	558, 474	48, 430
Ala	1, 743	13, 733	23, 650	574, 145	44, 603	785	9, 050	14, 927	275, 088	27, 262
Miss	1, 713	6, 746	10, 528	385, 226	24, 055	512	3, 768	5, 391	128, 208	13, 963
W. S. Central	17, 566	104, 153	168, 732	4, 787, 187	389, 369	5, 840	59, 707	96, 826	2, 385, 930	279, 120
Ark	2, 052	8, 403	12, 195	373, 074	30, 660	570	5, 092	8, 120	179, 650	23, 616
La	1, 729	17, 493	29, 337	836, 197	58, 966	882	11, 035	17, 688	395, 737	36, 437
Okla	4, 179	19, 219	30, 916	773, 398	60, 885	1, 333	9, 700	16, 570	333, 678	42, 787
Tex	9, 606	58, 987	96, 284	2, 804, 518	238, 859	3, 055	33, 910	54, 447	1, 476, 865	176, 279
Mountain	5, 795	34, 680	55, 657	1, 198, 948	104, 749	1, 960	19, 561	33, 132	518, 258	67, 889
Mont	1, 249	4, 436	6, 991	158, 545	19, 026	268	2, 357	3, 744	60, 584	11, 093
Idaho	681	3, 386	4, 524	121, 193	10, 918	164	1, 188	2, 044	36, 588	5, 701
Wyo	283	905	1, 855	34, 661	4, 215	91	452	891	15, 892	2, 055
Colo	2, 075	14, 628	23, 947	539, 626	37, 449	813	9, 018	14, 936	224, 381	23, 439
N. Mex	317	1, 355	2, 331	53, 547	4, 744	97	720	1, 256	26, 882	3, 586
Ariz	358	3, 554	5, 420	97, 554	9, 377	169	1, 726	3, 114	49, 774	6, 798
Utah	736	5, 737	9, 712	180, 101	17, 697	309	3, 867	6, 696	96, 592	13, 684
Nev	96	679	877	13, 719	1, 324	49	233	450	7, 566	885
Pacific	13, 821	168, 103	295, 200	5, 773, 290	556, 000	7, 165	85, 831	157, 890	2, 589, 809	291, 405
Wash	2, 631	30, 391	51, 101	1, 147, 136	79, 573	1, 370	15, 637	29, 367	482, 532	55, 176
Oreg	1, 439	14, 659	24, 190	466, 831	40, 580	689	8, 149	13, 457	245, 194	25, 137
Calif	9, 751	123, 053	219, 909	4, 159, 323	435, 847	5, 106	62, 045	115, 066	1, 861, 883	211, 092

Source: Bureau of the Census, Department of Commerce.

No. 763.—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	2,628	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	468,917	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	Bronx Borough	375	4,690	187,913
Bridgeport, Conn	145	1,893	74,574	Brooklyn Borough	1,818	19,332	699,107
Buffalo, N. Y	1,166	14,548	671,765	Manhattan Borough	16,948	205,836	14,529,672
Cambridge, Mass	121	2,659	55,755	Queens Borough	400	7,023	202,715
Camden, N. J	65	815	19,388	Richmond Borough	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	3,231	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	40,709	1,430,981
				St. Paul, Minn	462	8,030	221,746
Evansville, Ind	184	1,964	61,096				
Fall River, Mass	130	898	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	2,233	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	3,933	152,630	Seattle, Wash	1,220	15,001	574,707
Hartford, Conn	323	7,804	125,187	Somerville, Mass	31	938	32,993
Houston, Tex	503	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	117,799	Syracuse, N. Y	460	4,976	178,538
Kansas City, Kans	97	2,614	92,217	Tacoma, Wash	150	2,061	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	281,083
Lynn, Mass	119	830	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	545,659	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. 764.—RETAIL TRADE: BY TYPE OF OPERATION, 1929

[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	2,421,438	439,192	3,247,936	3,138,981	108,955	31,486,128	4,981,910
2-store independents	49,071	256,497	29,835	367,242	360,002	7,240	3,020,443	474,885
3-store independents	15,512	108,709	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	52,485	263,568	36,646	395,577	386,612	8,965	3,203,890	393,832
Sectional chains	41,083	180,496	33,779	259,390	251,216	8,174	2,191,250	228,347
National chains	51,058	341,772	70,906	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	85,852
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	4,560
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	3,420	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	24,388	65,510	60,831	4,679	1,779,278	208,287
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. 765.—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	434,790
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	1,570,252	14,262	198,072
Combination stores (groceries and meats)	91,837	2,463,173	17,240	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	2,102	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. 766.—RETAIL SALES: BY STATES, 1929

[All money figures, except sales per capita, in thousands of dollars]

Division and state	Number of stores	Proprietors and firm members	Number of employees		Expenses		Net sales	Sales per capita (dollars)
			Full time	Part time	Salaries and wages	Other		
United States, total	1,543,158	1,510,607	3,833,581	676,559	5,189,670	5,182,783	49,114,653	400
New England	108,764	98,882	310,275	59,006	422,040	411,832	3,735,869	464
Connecticut	22,202	19,794	58,934	10,611	87,198	82,585	768,510	478
Maine	11,091	10,379	22,925	5,000	28,012	23,163	307,627	386
Massachusetts	54,183	48,294	177,214	32,625	241,100	238,990	2,054,976	484
New Hampshire	6,557	5,364	13,643	3,288	16,786	15,928	134,285	395
Rhode Island	9,542	8,749	27,281	5,311	36,183	33,974	318,295	463
Vermont	5,189	5,312	10,273	2,171	12,763	12,192	152,176	423
Middle Atlantic	385,302	364,487	957,284	143,525	1,397,727	1,361,078	13,717,399	484
New Jersey	60,010	55,950	126,751	22,227	193,503	199,358	1,843,545	456
New York	190,017	175,597	513,434	71,253	792,285	843,898	7,070,414	562
Pennsylvania	135,275	132,931	317,099	50,045	411,939	417,820	3,803,940	395
East North Central	317,867	304,951	877,112	161,384	1,247,467	1,217,941	11,262,958	445
Illinois	96,900	92,936	296,735	52,471	440,280	430,854	3,711,903	486
Indiana	41,618	41,058	100,677	20,531	125,966	117,569	1,222,384	377
Michigan	55,958	53,540	161,245	25,413	241,870	234,825	2,226,398	460
Ohio	83,717	78,846	229,870	41,163	318,273	311,146	2,864,831	431
Wisconsin	39,474	38,571	88,535	20,806	121,078	123,547	1,237,442	421
West North Central	170,644	173,247	401,112	85,336	497,830	504,149	5,269,554	396
Iowa	32,716	33,470	70,538	18,409	86,094	88,436	972,196	393
Kansas	25,605	26,412	54,605	13,529	66,612	64,541	744,586	396
Minnesota	30,725	30,903	81,729	14,527	103,817	105,837	1,051,930	410
Missouri	47,039	46,958	123,694	20,268	153,142	152,910	1,448,220	399
Nebraska	17,637	18,474	39,780	10,012	49,678	49,966	562,945	409
North Dakota	8,077	8,017	14,297	3,485	17,931	21,407	234,540	344
South Dakota	8,845	9,013	16,469	5,106	20,556	21,052	255,197	368
South Atlantic	169,068	163,871	355,178	66,297	419,563	405,932	4,201,755	266
Delaware	3,688	3,417	7,774	1,680	9,842	9,117	103,512	434
Dist. of Columbia	5,931	5,136	31,453	3,600	44,385	40,054	336,262	601
Florida	22,449	20,765	45,618	7,932	52,749	53,800	504,523	344
Georgia	28,687	29,022	57,554	11,068	60,599	60,142	635,440	218
Maryland	21,082	20,162	53,480	7,492	64,292	64,940	619,573	380
North Carolina	28,831	30,172	49,900	13,035	58,066	56,747	653,419	206
South Carolina	15,036	14,744	24,580	6,595	26,128	23,541	300,220	173
Virginia	26,120	26,076	52,287	9,411	61,386	57,443	600,929	248
West Virginia	17,244	17,377	32,532	5,484	42,106	40,088	447,877	259
East South Central	89,199	94,226	174,772	30,817	193,312	186,421	2,171,995	220
Alabama	21,442	22,001	43,632	7,586	48,123	45,087	527,101	199
Kentucky	27,117	28,553	46,749	8,259	53,206	50,292	587,340	225
Mississippi	17,256	18,381	29,244	5,618	30,747	29,993	413,737	206
Tennessee	23,384	25,291	55,147	9,324	61,176	61,049	642,817	246
West South Central	135,482	140,660	296,335	51,035	348,243	333,068	3,727,371	306
Arkansas	17,937	19,444	20,710	6,250	33,034	31,284	412,630	223
Louisiana	23,288	23,900	47,058	4,227	48,952	47,180	470,643	227
Oklahoma	27,339	27,846	59,259	11,327	74,266	71,750	795,028	332
Texas	66,918	69,470	169,308	29,231	191,991	182,853	2,049,020	351
Mountain	44,661	43,758	118,018	20,142	155,932	150,424	1,548,650	418
Arizona	5,668	5,206	14,445	2,091	19,900	19,388	198,620	456
Colorado	13,993	13,361	39,339	6,700	50,731	49,868	466,959	451
Idaho	4,916	4,779	11,313	2,256	15,386	15,245	169,087	380
Montana	6,951	6,713	16,125	3,120	23,317	22,108	243,328	454
Nevada	1,310	1,389	3,108	494	5,096	4,425	59,401	554
New Mexico	4,191	4,320	8,596	1,501	10,344	9,884	119,759	233
Utah	5,249	5,027	16,374	2,942	21,509	19,665	196,559	387
Wyoming	2,983	2,963	6,718	1,038	9,669	9,840	103,437	459
Pacific	122,371	123,525	345,495	53,017	507,548	511,390	4,428,602	540
California	85,691	87,364	251,148	36,107	376,948	377,122	3,210,863	566
Oregon	14,570	14,933	35,579	6,158	48,154	51,203	455,931	478
Washington	22,110	21,228	58,768	10,752	83,444	83,565	761,808	487

Source: Bureau of the Census, Department of Commerce.

No. 767.—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	70,358
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	61,769	878,357
Meat markets (including sea foods):					
Fish markets—sea foods	6,077	6,571	6,202	7,500	83,698
Meat markets	43,738	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	8,444,101
Department stores:					
With food departments	460	184	107,354	139,293	939,411
Without food departments	3,730	1,249	342,138	443,091	2,963,663
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	257,985	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	66,055	87,517	869,081
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	530	747	7,570

[1] Including full-time and part-time.

[2] See also Feed stores with groceries in "Other retail stores" group.

No. 767.—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	3,370	3,754	9,596	15,289	46,106
Garages (repairs, storage, gasoline, oil, accessories)	60,627	69,746	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)	723	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 and boys' clothing and furnishings stores:					
Men's and boys' clothing stores	3,386	2,407	9,335	18,317	176,419
Men's and boys' hat stores	1,566	907	2,586	4,852	43,744
Men's furnishings stores	9,196	8,798	10,051	17,267	212,032
Men's clothing and furnishings stores	14,049	14,242	45,389	82,928	760,528
Family clothing stores—men's, women's, children's	10,551	9,345	43,555	65,086	522,353
Women's ready-to-wear specialty shops—apparel and 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	3,624	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	535	8,146	15,673	130,631
Shoe stores—men's, women's, children's	21,191	17,455	37,860	61,351	614,641
Furniture and household group	58,941	51,982	249,945	404,095	2,754,721
Furniture stores:					
Furniture stores	17,891	10,550	105,185	170,362	1,272,393
Furniture and undertaker	3,590	4,491	5,886	8,700	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	325	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	708	951	1,649	10,025
Brushes and brooms	209	97	3,388	4,642	9,765
China, glassware, crockery, tinware, enamelware	1,008	922	2,748	4,077	30,057
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	308	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 "Lumber and building group."
[4] See also Music stores (without radio) in "Other retail stores" group.

No. 767.—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	10,303	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 building material dealers:					
Lumber and building material dealers	16,911	10,167	90,926	103,437	1,471,745
Lumber and hardware	6,139	3,242	28,868	46,730	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	269,448	270,217	595,920	867,949	7,756,941
Hardware stores	25,380	27,092	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	2,667	2,741	1,051	1,370	16,266
Irrigation and drainage equipment and supplies (retail)	46	50	208	346	1,508
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	8,103	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	12,280	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: [1]					
Coal and wood yards	15,444	14,787	65,310	101,168	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	2,204	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

[1] See also Coal and feed stores above.

No. 767.—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	1,356	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	20,182	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	22,510

Source: Bureau of the Census, Department of Commerce.

No. 768.—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	534,961
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	69,013	890,189
Birmingham, Ala	2,799	13,669	129,365	Duluth, Minn	1,286	5,564	55,861
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	60,158
Camden, N. J	1,839	4,418	54,320	El Paso, Tex	1,308	5,239	54,993
Canton, Ohio	1,433	5,308	63,991	Erie, Pa	1,881	4,999	59,033
Cedar Rapids, Iowa	821	3,052	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	29,689	Fort Worth, Tex	1,981	9,103	90,859
Chicago, Ill	43,576	177,969	2,127,520	Fresno, Calif	1,451	4,036	52,654

No. 768.—Retail Sales for Individual Cities 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	2,165	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	70,845
Greensboro, N. C	630	2,677	26,330	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	184,080	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	4,635	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	3,604	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	600	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	120,250
Lakewood, Ohio	809	1,495	22,524	San Diego, Calif	2,349	7,814	94,772
Lancaster, Pa	941	3,674	39,678	San Francisco, Calif	10,849	44,307	474,683
Lansing, Mich	981	4,406	55,801	San Jose, Calif	1,032	3,976	46,942
Lawrence, Mass	1,220	2,726	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	4,690	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	252,189
Los Angeles, Calif	17,887	76,554	875,775	Shreveport, La	940	4,436	40,192
Louisville, Ky	3,052	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	1,696	6,766	74,889
Madison, Wis	973	3,907	40,813	Springfield, Ill	1,040	4,520	45,648
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	3,123	11,953	136,592
Memphis, Tenn	3,147	15,381	151,235	Tacoma, Wash	1,604	5,300	61,745
Miami, Fla	2,380	6,618	72,804	Tampa, Fla	1,875	4,963	48,706
Milwaukee, Wis	8,669	29,361	353,894	Terre Haute, Ind	1,230	3,600	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	1,998	6,270	76,061
Mount Vernon, N. Y	896	2,656	55,268	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	39,175
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	51,508
New Rochelle, N. Y	766	2,749	37,863	Wheeling, W. Va	990	3,905	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, Dela	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	5,081	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	3,889	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. 769.—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

Month	United States—Unadjusted					United States—With seasonal adjustment				
	1928	1929	1930	1931	1932	1928	1929	1930	1931	1932
January	91	90	88	79	64	108	110	107	97	78
February	88	91	89	80	64	106	111	108	98	78
March	97	107	93	92	69	107	112	107	97	72
April	105	103	110	101	74	106	110	107	106	79
May	107	109	105	97	72	107	109	105	97	72
June	102	108	98	90	66	107	113	103	95	69
July	80	79	71	65	46	110	109	100	91	65
August	81	84	77	67	49	107	111	102	88	65
September	113	117	103	87	71	112	114	99	84	68
October	118	122	112	93	75	108	112	102	86	69
November	125	125	113	95	73	108	108	93	83	63
December	192	191	165	142	106	111	108	94	81	60

[1] Monthly average sales in 1925=100.

No. 770.—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 throughout. The number of chain-store companies reporting varied from year to year, but in computing the indexes adjustment has been made for these variations. No adjustment has been made, however, to eliminate the influence 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]
1921	65	66
1922	70	74
1923	89	88
1924	98	99
1925	113	113
1926	121	125
1927	126	138
1928	148	150
1929	188	164
1930	169	160
1931	144	167
1932	117	135

Month	Mail-order houses [1]			5-and-10-cent (variety) chains [2]		
	1930	1931	1932	1930	1931	1932
January	142	125	100	152	162	155
February	152	129	106	163	163	156
March	143	130	98	165	159	146
April	170	157	120	161	168	141
May	186	157	121	175	168	138
June	170	149	120	161	162	138
July	147	131	100	153	149	135
August	153	130	98	164	160	127
September	170	144	123	156	156	135
October	200	152	137	152	152	133
November	182	150	129	159	147	129
December	218	177	155	154	144	117

[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 769 and 770: Federal Reserve Board and Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 771.—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 United States having 25 or more guest rooms. It does not include apartment houses, boarding houses, clubs, etc. Hotels that make separate charges for rooms and meals, and hotels that confine their operations to room rentals are classified as European-plan hotels. American-plan hotels are hotels that have a fixed combined rate for rooms and meals. A hotel is classed as "transient" or "permanent" 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	790,740	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	10,478	210,008	47,995	80,422	43,699	150,450
Receipts, total	76,502	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	381	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. 772.—CONSTRUCTION CONTRACTS AWARDED

NOTE.—Data compiled from reports covering contracts awarded in small towns and rural districts as well as large cities. Public works and public utilities cover some projects not susceptible to measurement in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varied number of States for earlier years have been published in the 1932 and previous issues of this publication

[Values in millions and tenths of millions of dollars; floor space in thousands of square feet]

Year	Total	Residential	Commercial [1]	Factories [2]	Public works	Public utilities [1 2]	Educational	Hospitals and institutions	Public buildings	Religious and memorial	Social and recreational
37 STATES [3]											
Number of projects:											
1925	173,720	127,678	19,083	5,139	9,381	1,802	4,024	929	856	2,426	2,402
1926	170,723	120,473	20,249	5,456	11,461	2,122	3,993	985	995	2,496	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	200,256	139,133	23,583	5,809	16,876	2,394	4,759	1,141	1,383	2,520	2,657
1929	172,171	110,498	24,136	6,383	16,708	2,661	4,531	1,190	1,303	2,277	2,484
1930	135,269	74,713	22,431	4,575	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	1,464	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
Value of construction:											
1925	6,006.4	2,747.7	872.4	326.6	950.6	415.4	429.4	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
Floor space of buildings:											
1925	920,537	559,501	160,067	56,900	-------	-------	61,308	14,036	8,293	18,869	31,565
1926	872,574	521,061	152,355	75,705	-------	-------	54,565	14,790	7,856	16,371	29,872
1927	838,298	494,563	141,815	68,130	-------	-------	55,475	13,803	9,941	17,191	32,381
1928	956,841	568,383	159,192	92,903	-------	-------	62,983	20,004	11,237	15,398	26,691
1929	779,747	387,671	161,262	105,523	-------	-------	60,644	19,494	12,026	12,817	19,709
1930	494,809	230,039	96,587	48,020	-------	-------	58,550	19,120	17,024	10,362	14,606
1931	357,789	190,274	50,035	20,108	-------	-------	37,372	16,881	24,256	5,578	13,287
1932	152,829	73,607	23,885	9,048	-------	-------	14,234	7,317	16,198	3,517	5,023

[1] Owing to a change in the classification, data for airports have been excluded from the "Commercial" class and included with "Public utilities" beginning 1930. Separate figures for airports are not available prior to 1930.

[2] Owing to a change in the classification figures for the "Factories" class exclude data for power plants for all years and for pipe lines beginning 1929 (separate figures not available for years prior to 1929), which data are included with "Public utilities."

[3] Figures for the 37 States include all except the 11 States in the Mountain and Pacific divisions.

Source: The F. W. Dodge Corporation.

No. 773.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES: BY MONTHS [1]

NOTE.—See headnote, Table 772

Month	Value of construction (thousands of dollars)					Floor space of buildings [2] (thousands of square feet)				
	1928	1929	1930	1931	1932	1928	1929	1930	1931	1932
Total	6,628,286	5,750,791	4,523,115	3,092,850	1,351,159	956,841	779,747	494,809	357,789	152,829
January	427,169	406,468	323,975	227,956	84,798	63,333	57,356	31,037	24,002	12,301
February	465,331	361,274	317,053	235,405	89,046	68,281	53,465	36,157	28,017	12,123
March	592,567	484,588	456,119	369,981	112,235	87,290	76,531	52,920	37,362	16,728
April	642,237	642,061	482,877	336,925	121,705	93,864	84,375	54,502	38,486	13,675
May	667,097	587,766	457,416	306,079	146,221	93,281	80,445	52,512	38,484	15,561
June	650,466	529,891	600,573	316,148	113,075	93,807	70,751	46,263	32,370	12,189
July	583,432	652,436	366,878	285,997	128,769	81,598	74,873	43,466	32,262	14,134
August	516,970	488,882	346,644	233,106	133,988	78,104	65,483	38,364	29,793	13,659
September	581,674	444,402	331,864	251,110	127,527	75,346	58,466	39,592	29,566	13,271
October	597,104	445,642	336,706	242,094	107,274	85,213	64,389	39,108	30,365	10,896
November	471,482	391,013	253,574	151,196	105,302	72,096	50,471	32,598	20,179	11,525
December	432,756	316,368	249,436	136,852	81,219	64,030	43,141	28,290	16,903	6,768

[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 1930 and 1931 have been revised to exclude data for airports which are now included with "Public Utilities". Separate figures for airports are not available prior to 1930.

Source: The F. W. Dodge Corporation.

No. 774.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES: BY TERRITORIES

NOTE.—See headnote, Table 772. New England includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. Metropolitan New York and vicinity includes northern New Jersey, New York City, Long Island, Westchester, Orange, Putnam, and Rockland Counties, N. Y. Up-State New York includes all counties north of Orange, Putnam, and Rockland. Middle Atlantic includes eastern Pennsylvania, southern New Jersey, Maryland, Delaware, District of Columbia, and Virginia. Pittsburgh includes western Pennsylvania, West Virginia, Ohio, and Kentucky. Southern Michigan consists of the southern peninsula. Chicago includes northern Illinois, Indiana, Iowa, and eastern and southern Wisconsin. Central Northwest includes Minnesota, the Dakotas, northern peninsula of Michigan, and northwest Wisconsin. St. Louis includes southern Illinois, eastern Missouri, northeast Arkansas, western Tennessee, and northwest Mississippi. Kansas City includes western Missouri, Kansas, Oklahoma, and Nebraska. Texas includes the State only. New Orleans includes Louisiana, western and southern Arkansas, and eastern and southern Mississippi. Southeastern includes the Carolinas, Georgia, Florida, Alabama, and eastern Tennessee

[Value in thousands of dollars; floor space in thousands of square feet]

Territory	Value				Floor space of buildings [1]			
	1929	1930	1931	1932	1929	1930	1931	1932
Total	5,750,791	4,523,115	3,092,850	1,351,159	779,747	494,809	357,789	152,829
New England	398,382	354,466	295,019	114,053	61,599	45,310	36,345	15,425
Metropolitan New York and vicinity	1,241,842	938,693	725,061	190,678	159,735	120,411	100,872	26,819
Up-State New York	225,430	188,164	169,718	75,955	23,954	18,266	15,701	7,808
Middle Atlantic	671,500	538,636	356,807	227,615	98,071	58,411	41,677	30,300
Pittsburgh	685,536	567,796	309,540	151,612	77,961	56,090	32,268	13,633
Southern Michigan	356,411	173,537	90,611	41,715	57,599	22,959	11,206	5,044
Chicago	873,554	560,291	345,583	152,842	123,073	53,598	33,155	13,578
Central Northwest	104,554	98,712	93,815	61,516	11,468	10,373	8,686	4,305
St. Louis	237,223	245,878	120,750	83,077	30,157	18,198	11,080	5,810
Kansas City	255,208	300,284	153,490	76,681	36,109	25,094	14,481	6,241
Texas	217,390	186,026	157,033	50,233	34,754	22,831	10,384	6,943
New Orleans	179,877	102,037	126,484	35,921	14,929	9,708	7,446	4,806
Southeastern	303,473	268,596	148,932	83,260	50,339	33,561	21,888	12,058

[1] Figures do not include data for floor space for public works and public utilities. Figures for 1930 and 1931 have been revised to exclude data for airports which are now included with "Public Utilities." Data for airports were not reported separately for 1929.

Source: The F. W. Dodge Corporation.

No. 775.—BUILDING PERMITS ISSUED IN PRINCIPAL CITIES

NOTE.—Figures cover new buildings and repairs to old buildings, but exclude data for installation permits (those for installing boilers, signs, etc.) which are not strictly building operations. These permits are rather numerous, but in value they are of small amount. The number figures represent the number of buildings covered by permits issued (new construction and repairs, etc.), rather than the number of permits. The cities shown had a population of 50,000 or over in 1930. The estimated cost of new buildings only, authorized in 257 identical cities since 1921 is as follows: 1921, $1,573,000,000; 1922, $2,489,000,000; 1923, $3,072,000,000; 1924, $3,208,000,000; 1925, $3,805,000,000; 1926, $3,557,000,000; 1927, $3,138,000,000; 1928, $2,995,000,000; 1929, $2,550,000,000; 1930, $1,451,000,000; 1931, $1,049,000,000; 1932, $379,000,000. Buildings authorized by permit are not always actually constructed, and the actual cost of those constructed may differ considerably from that originally estimated

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1928	1929	1930	1931	1932	1928	1929	1930	1931	1932
Akron, Ohio	5,356	5,560	2,421	1,506	908	19,485	21,640	8,777	1,939	804
Albany, N. Y.	2,226	1,784	1,612	1,229	1,172	14,894	9,035	9,004	6,061	3,896
Allentown, Pa.	1,556	1,388	671	428	329	5,935	4,510	2,270	968	1,093
Altoona, Pa.	1,313	1,932	1,481	1,016	634	3,361	1,984	1,369	745	170
Asheville, N. C.	901	598	383	267	201	3,095	2,236	422	234	96
Atlanta, Ga.	3,952	2,946	3,043	3,239	2,393	27,395	12,564	8,446	3,471	3,520
Atlantic City, N. J.	839	701	593	663	1,233	7,411	7,483	1,401	843	825
Augusta, Ga.	2,233	1,854	989	964	624	1,551	1,137	715	732	420
Austin, Tex.		1,139	1,234	1,435	1,104		4,477	3,335	2,471	5,565
Baltimore, Md.	17,099	19,332	16,943	15,680	12,364	33,945	33,175	27,821	24,691	13,663
Bayonne, N. J.	504	329	226	240	293	1,995	1,107	792	448	195
Beaumont, Tex.	1,901	1,852	1,561	1,046	772	4,327	2,582	2,606	1,021	711
Berkeley, Calif.	2,487	1,806	1,541	1,143	940	6,077	6,369	2,986	1,900	1,097
Bethlehem, Pa.	743	604	381	177	113	3,843	2,905	1,065	443	239
Binghamton, N. Y.	2,273	2,747	2,314	2,590	2,654	3,456	3,988	2,255	969	1,484
Birmingham, Ala.	5,687	3,071	2,542	1,716	1,240	14,225	8,234	2,420	1,937	699
Boston, Mass.	9,255	8,169	7,496	7,694	5,964	55,699	53,834	26,906	33,968	11,695
Bridgeport, Conn.	1,135	1,172	1,140	938	581	3,527	4,242	2,618	2,753	1,249
Brockton, Mass.	887	927	772	614	482	1,726	1,467	1,113	830	495
Buffalo, N. Y.	5,545	4,326	3,763	3,568	2,240	24,402	24,128	14,825	9,338	4,067
Cambridge, Mass.	1,052	941	773	650	490	8,084	12,166	11,063	4,991	1,977
Camden, N. J.	1,293	1,131	832	609	301	7,428	6,164	2,582	1,130	445
Canton, Ohio	1,579	1,507	930	627	319	3,662	3,456	1,585	640	378
Cedar Rapids, Iowa	1,256	1,216	1,227	1,177	1,004	2,438	2,906	2,032	1,606	436
Charleston, S. C.	454	673	438	400	466	561	671	1,103	414	244
Charleston, W. Va.	601	719	456	325	381	2,873	2,241	6,881	1,050	491
Charlotte, N. C.	1,397	1,086	824	641	397	7,458	3,720	2,588	1,318	602
Chattanooga, Tenn.	2,939	3,218	2,978	2,349	1,622	4,703	2,261	2,934	1,230	2,185
Chester, Pa.	489	343	252	146	61	1,747	1,099	1,130	581	126
Chicago, Ill.	19,982	15,849	10,390	6,619	3,872	323,509	210,798	85,749	66,594	12,881
Cicero, Ill.	547	552	241	142	93	3,860	3,609	1,117	1,071	66
Cincinnati, Ohio	9,431	8,971	6,667	5,395	3,861	35,459	31,037	33,161	21,467	7,820
Cleveland, Ohio	10,593	9,863	7,037	6,045	3,512	56,169	37,783	32,554	11,991	12,048
Columbia, S. C.	883	620	535	559	505	1,610	1,255	1,903	2,073	631
Columbus, Ohio	5,350	3,557	2,594	1,738	1,074	16,237	10,613	5,610	3,309	1,868
Covington, Ky.	580	409	343	347	212	1,592	1,479	629	761	197
Dallas, Tex.	3,428	3,251	3,325	3,071	2,409	8,089	9,660	11,028	4,348	2,222
Davenport, Iowa	1,235	1,489	1,557	1,493	1,157	1,360	2,342	2,462	1,252	712
Dayton, Ohio	2,617	2,017	1,697	1,396	744	10,358	6,343	5,958	2,895	939
Decatur, Ill.	1,134	830	447	252	158	4,169	3,890	1,991	781	179
Denver, Colo.	6,154	6,111	5,043	4,183	3,523	16,771	16,576	7,648	6,828	3,001
Des Moines, Iowa	1,299	1,171	1,113	1,171	953	4,510	4,082	4,011	3,033	1,895
Detroit, Mich.	28,541	26,554	15,313	10,082	5,159	129,260	109,567	48,359	23,435	8,740
Duluth, Minn.	2,175	1,700	1,390	1,472	919	3,289	3,686	2,168	948	1,352
Durham, N. C.	632	284	233	191	152	9,906	1,863	1,047	693	687
East Chicago, Ind.	421	525	367	215	58	3,482	5,307	1,801	605	76
East Orange, N. J.	928	769	678	644	353	7,532	5,916	2,627	1,411	665
East St. Louis, Ill.	1,003	895	566	468	321	2,707	2,392	1,365	1,052	272
Elizabeth, N. J.	910	731	433	292	216	5,504	4,095	2,334	2,348	385
El Paso, Tex.	1,014	1,181	1,123	697	419	2,144	4,325	2,937	949	376
Erie, Pa.	1,779	1,694	1,480	1,220	685	4,764	6,431	3,302	2,711	673
Evanston, Ill.	1,040	736	513	354	224	13,178	8,196	3,103	3,251	789
Evansville, Ind.	1,805	1,354	1,039	1,055	814	5,111	4,421	1,761	1,188	485
Fall River, Mass.	592	607	561	537	428	2,830	792	1,189	697	447
Flint, Mich.	6,700	6,717	3,194	2,103	992	14,423	14,684	3,994	1,966	262
Fort Wayne, Ind.	1,646	1,927	1,351	1,311	595	5,011	7,039	3,099	3,188	1,623
Fort Worth, Tex.	4,560	3,237	2,616	1,923	1,325	11,544	11,262	10,463	6,345	1,432
Fresno, Calif.	1,272	1,784	1,490	1,437	1,088	1,662	1,699	1,338	1,007	893
Galveston, Tex.	2,243	1,895	1,376	1,371	1,454	2,677	3,613	1,717	2,543	877
Gary, Ind.	1,966	1,162	743	340	89	6,041	3,146	1,177	983	136
Grand Rapids, Mich.	5,401	4,415	2,640	1,664	1,002	8,187	6,087	2,922	1,147	1,513
Greensboro, N. C.	1,179	710	471	511	393	5,048	3,134	766	1,135	209

No. 775.—Building Permits Issued in Principal Cities—Continued

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1928	1929	1930	1931	1932	1928	1929	1930	1931	1932
Hamilton, Ohio	841	756	502	325	361	2,063	2,411	1,552	467	703
Hammond, Ind	1,055	777	704	345	190	6,527	4,154	1,876	3,314	152
Hamtramck, Mich	518	643	322	228	118	1,345	1,066	1,299	121	64
Harrisburg, Pa	844	778	676	482	350	5,595	7,958	2,519	2,001	695
Hartford, Conn	1,931	2,192	1,339	1,331	1,116	11,278	16,144	6,365	4,847	2,008
Highland Park, Mich	382	383	236	142	132	2,603	2,327	624	117	81
Hoboken, N. J	230	265	272	289	227	565	748	828	567	486
Holyoke, Mass	350	298	250	243	149	1,261	1,256	1,703	766	237
Houston, Tex	6,072	3,972	2,741	2,201	963	35,310	29,133	17,265	11,863	2,573
Huntington, W. Va	270	306	201	236	237	982	1,455	770	1,096	202
Indianapolis, Ind	10,217	6,785	4,019	3,220	2,160	21,967	14,844	7,451	9,339	2,546
Irvington, N. J	903	567	445	390	242	6,639	2,134	1,700	1,749	366
Jackson, Mich	1,230	1,227	736	506	280	2,097	3,492	698	410	374
Jacksonville, Fla	3,431	2,557	2,103	2,288	2,331	7,660	4,580	2,410	1,847	2,344
Jersey City, N. J	1,375	1,219	835	725	571	13,876	14,585	12,167	1,991	1,171
Johnstown, Pa	556	522	412	327	214	1,095	682	696	605	130
Kalamazoo, Mich	1,513	1,349	973	742	493	2,035	2,410	1,172	1,035	202
Kansas City, Kans	1,043	867	673	596	358	1,651	1,844	1,350	667	288
Kansas City, Mo	2,345	1,946	1,503	1,306	708	15,541	14,845	15,663	8,291	1,961
Kenosha, Wis	894	945	522	387	210	3,726	4,577	1,484	646	248
Knoxville, Tenn	2,138	1,220	667	526	316	7,115	5,499	3,627	1,035	1,415
Lakewood, Ohio	625	550	456	391	311	4,622	1,830	1,482	797	404
Lancaster, Pa	647	671	520	410	202	2,380	1,982	1,381	538	362
Lansing, Mich	1,340	1,308	722	470	329	5,204	8,738	2,065	1,209	523
Lawrence, Mass	222	241	236	350	180	603	854	618	892	235
Lincoln, Nebr	1,070	980	609	627	394	3,643	2,560	1,598	1,745	340
Little Rock, Ark	1,528	1,376	1,496	848	742	4,260	3,268	2,251	2,771	398
Long Beach, Calif	4,988	4,949	4,502	3,304	2,449	16,308	18,044	13,058	4,472	3,101
Los Angeles, Calif	33,195	31,722	30,614	25,311	17,122	101,679	93,020	75,357	41,422	17,786
Louisville, Ky	3,215	2,466	1,756	1,174	898	18,120	13,205	6,937	5,585	2,415
Lowell, Mass	633	676	603	537	434	942	704	1,147	627	167
Lynn, Mass	1,279	1,133	1,041	802	626	3,787	3,042	2,972	1,521	740
Macon, Ga	1,817	1,416	674	501	420	2,350	988	777	564	585
Madison, Wis	1,475	1,155	845	685	398	7,630	4,974	2,348	1,345	608
Malden, Mass	630	584	475	495	328	2,893	1,894	1,133	985	252
Manchester, N. H	970	1,044	1,095	1,045	906	1,059	1,241	765	826	717
McKeesport, Pa	1,325	1,320	1,231	815	404	2,185	1,674	1,052	632	349
Medford, Mass	1,131	904	625	608	303	4,515	3,483	1,656	2,243	461
Memphis, Tenn	4,005	3,178	3,693	2,717	2,059	14,283	8,062	9,501	3,334	1,809
Miami, Fla	1,568	2,511	3,032	2,970	2,354	1,946	3,615	1,917	3,097	1,197
Milwaukee, Wis	7,258	7,501	4,939	3,892	2,165	35,406	37,947	25,285	12,634	4,147
Minneapolis, Minn	6,580	6,054	5,932	5,861	3,889	23,258	20,960	13,449	12,390	6,991
Mobile, Ala	1,647	1,055	680	443	343	3,346	1,667	1,100	881	639
Montgomery, Ala	2,916	2,320	1,558	1,194	829	3,289	2,769	1,274	820	1,187
Mt. Vernon, N. Y	946	577	596	516	293	14,262	6,179	4,197	3,819	677
Nashville, Tenn	2,227	2,327	2,062	1,580	1,273	5,565	5,695	5,517	4,403	1,124
Newark, N. J	2,972	2,763	1,882	1,593	1,026	34,285	28,838	12,379	6,456	5,410
New Bedford, Mass	651	581	520	542	423	1,095	789	982	471	194
New Britain, Conn	1,227	1,051	592	535	403	3,532	1,248	896	1,000	317
New Haven, Conn	1,330	1,323	1,193	1,003	749	8,708	12,762	15,924	9,491	2,449
New Orleans, La	2,882	1,933	1,227	1,323	1,047	12,628	11,971	6,487	5,526	3,406
New Rochelle, N. Y	845	740	609	486	288	11,233	7,585	5,669	4,340	715
Newton, Mass	1,676	1,387	1,048	915	511	10,802	6,857	5,870	4,882	1,341
New York, N. Y.:										
Borough of Bronx	10,959	7,811	7,507	7,183	5,956	189,825	95,666	56,116	65,399	8,881
Borough of Brooklyn	18,358	13,271	11,503	11,396	8,350	198,285	146,016	70,632	75,534	20,396
Borough of Manhattan	3,787	3,692	3,396	3,202	2,487	361,723	595,522	198,445	137,371	30,496
Borough of Queens	22,101	16,152	17,583	18,899	12,049	151,566	94,510	77,344	76,754	15,982
Borough of Richmond	3,766	2,868	2,539	2,217	1,592	15,273	10,584	7,629	7,805	3,097
Niagara Falls, N. Y	1,577	1,805	1,640	1,305	1,013	4,869	5,071	3,736	1,249	904
Norfolk, Va	1,383	1,185	1,092	1,142	966	3,840	2,730	2,603	1,640	3,091
Oakland, Calif	5,092	4,264	3,154	2,734	2,023	19,537	14,396	9,085	7,223	2,266
Oak Park, Ill	836	529	315	240	119	9,290	5,721	1,861	1,249	600
Oklahoma City, Okla	3,905	4,280	3,270	1,796	859	13,522	22,501	26,412	19,019	7,176
Omaha, Nebr	1,109	1,046	854	1,017	740	9,050	5,581	5,121	3,915	2,228
Pasadena, Calif	2,452	3,834	4,040	3,285	2,978	5,950	6,987	5,886	4,460	1,220
Passaic, N. J	975	976	709	629	569	3,062	4,870	2,099	604	451
Paterson, N. J	2,258	2,123	1,785	1,477	1,066	7,357	4,872	2,088	1,548	1,177
Pawtucket, R. I	991	904	597	525	256	2,823	1,995	1,347	962	288

No. 775.—Building Permits Issued in Principal Cities—Continued

City and State	Total number of buildings					Proposed cost of buildings (thousands of dollars)				
	1928	1929	1930	1931	1932	1928	1929	1930	1931	1932
Peoria, Ill	1,418	1,207	1,150	807	497	3,951	3,004	3,436	2,515	584
Philadelphia, Pa	16,423	10,388	6,430	5,491	4,144	112,226	104,406	53,142	35,265	17,863
Pittsburgh, Pa	7,070	6,128	5,115	4,059	2,401	39,374	35,639	20,730	19,386	9,135
Pontiac, Mich	2,851	2,299	572	444	193	13,115	6,219	1,280	341	77
Port Arthur, Tex	1,207	972	1,070	626	398	1,881	1,979	2,430	905	87
Portland, Me	1,351	1,214	1,173	1,117	922	2,739	2,133	1,567	1,254	1,067
Portland, Oreg	9,567	7,646	6,041	4,823	3,435	21,276	15,504	12,063	7,156	2,982
Providence, R. I	4,979	5,046	4,835	4,729	4,004	16,004	14,943	10,742	7,913	2,189
Pueblo, Colo	1,458	1,281	1,028	736	424	1,467	1,572	539	454	129
Quincy, Mass	2,335	1,920	1,438	1,312	904	6,870	4,217	2,724	1,783	687
Racine, Wis	1,078	1,264	723	333	134	4,417	4,783	3,924	1,757	205
Reading, Pa	2,179	2,483	2,417	1,543	843	3,808	6,111	2,474	2,772	478
Richmond, Va	2,317	2,151	1,668	1,543	147	8,845	9,146	5,951	3,054	88
Roanoke, Va	880	700	499	422	203	3,279	2,220	2,606	1,113	257
Rochester, N. Y	4,542	3,429	2,490	2,291	1,785	17,621	13,303	8,011	6,303	3,557
Rockford, Ill	1,875	1,652	1,060	583	249	5,737	5,083	2,908	647	732
Sacramento, Calif	1,859	1,101	1,536	1,377	1,373	5,524	4,381	3,020	3,787	2,339
Saginaw, Mich	1,658	1,801	1,064	835	542	4,350	3,121	2,590	485	288
St. Joseph, Mo	284	558	470	453	274	2,005	1,404	1,620	431	220
St. Louis, Mo	12,627	9,533	8,120	6,764	4,387	42,828	27,074	17,322	16,620	4,414
St. Paul, Minn	4,999	5,055	3,780	3,959	2,813	8,700	9,365	10,682	12,652	2,796
Salt Lake City, Utah	1,024	1,089	948	968	518	5,277	5,691	4,274	3,462	640
San Antonio, Tex	4,284	4,550	3,234	2,586	2,023	18,300	18,070	8,488	3,272	1,638
San Diego, Calif	5,150	3,811	3,219	2,831	2,067	12,150	11,415	5,426	5,811	2,592
San Francisco, Calif	6,648	5,505	4,951	5,251	3,931	37,504	33,426	22,414	21,442	16,465
San Jose, Calif	948	937	755	811	583	2,541	2,428	3,403	1,803	1,290
Savannah, Ga	525	317	187	276	181	2,137	1,122	1,069	450	155
Schenectady, N. Y	1,175	1,341	1,390	1,050	754	3,428	3,431	5,339	1,300	599
Scranton, Pa	1,189	880	826	744	652	4,632	2,947	3,190	1,378	2,126
Seattle, Wash	9,512	7,924	6,577	5,714	3,677	34,807	29,101	30,356	12,483	3,257
Shreveport, La	2,921	2,838	1,924	1,687	1,332	4,846	3,535	1,542	1,600	455
Sioux City, Iowa	799	748	705	668	328	2,170	3,130	3,412	1,571	1,141
Somerville, Mass	407	639	555	559	395	1,424	3,076	1,380	980	556
South Bend, Ind	2,524	2,445	1,780	1,074	665	6,363	7,015	3,709	1,329	493
Spokane, Wash	2,187	2,241	2,169	1,757	1,334	5,737	4,148	3,641	2,176	569
Springfield, Ill	1,195	1,101	964	850	602	3,739	3,112	3,179	2,329	714
Springfield, Mass	1,539	1,367	1,062	827	569	5,977	5,095	5,703	2,948	1,021
Springfield, Mo	628	522	426	347	329	1,616	1,525	1,115	2,283	361
Springfield, Ohio	1,017	1,006	651	428	231	1,557	1,750	777	1,194	445
Syracuse, N. Y	3,103	2,512	1,532	1,268	657	13,220	11,267	5,399	7,000	1,598
Tacoma, Wash	2,341	2,538	1,621	1,278	800	4,660	4,053	4,070	2,002	432
Tampa, Fla	3,637	2,405	2,337	2,642	2,065	3,617	1,858	1,302	741	414
Terre Haute, Ind	1,696	1,139	879	675	507	973	799	587	228	615
Toledo, Ohio	5,334	4,802	2,637	1,822	898	17,346	13,507	10,405	2,295	493
Topeka, Kans	1,117	897	684	591	435	1,992	1,751	2,425	2,305	909
Trenton, N. J	1,062	824	580	565	399	4,106	3,675	2,449	2,421	707
Troy, N. Y	774	781	713	556	451	1,324	2,037	3,024	2,201	723
Tulsa, Okla	3,829	3,161	2,360	1,501	714	13,411	11,757	8,356	4,389	513
Union City, N. J	674	462	497	534	389	1,121	855	887	1,075	624
Utica, N. Y	680	486	552	326	207	3,917	2,497	1,350	1,134	533
Waco, Tex	410	486	360	312	319	2,291	2,700	1,154	1,779	327
Washington, D. C	6,916	5,641	4,605	5,819	4,492	53,975	56,128	48,824	52,588	59,927
Waterbury, Conn	907	746	541	438	290	3,488	2,999	2,037	1,187	309
Wheeling, W. Va	843	669	528	421	271	1,967	1,768	1,121	645	318
Wichita, Kans	2,390	2,712	1,762	1,132	652	7,974	8,652	6,308	2,340	1,195
Wilkes-Barre, Pa	1,337	865	774	696	601	3,896	3,177	1,669	1,170	780
Wilmington, Del	1,969	1,537	1,407	1,055	559	5,577	6,143	4,917	3,297	1,382
Winston-Salem, N.C	2,550	1,568	1,217	1,027	584	8,531	5,000	1,002	852	403
Worcester, Mass	1,999	1,925	1,663	1,304	950	7,260	7,251	6,341	5,592	1,583
Yonkers, N. Y	1,934	1,413	1,134	1,265	810	35,619	21,366	9,887	10,014	2,595
York, Pa	954	974	830	891	674	2,005	1,458	1,079	792	235
Youngstown, Ohio	2,191	1,787	1,029	768	473	8,638	5,894	2,801	1,464	595

Source: Bureau of Labor Statistics, Department of Labor.

No. 776.—BUILDING PERMITS ISSUED, BY CLASSES

NOTE.—See headnote, Table 775. Figures for 1930 represent 311 cities; 1931 and 1932, 300 identical cities. For 1931 figures for 311 cities comparable with data for 1930, see Statistical Abstract 1932, Table 799

Class of building	Number of buildings			Proposed cost (1,000 dollars)		
	1930	1931	1932	1930	1931	1932
Grand total, all buildings	467,430	414,586	290,913	1,766,145	1,326,005	520,502
Total new buildings	210,141	174,462	91,901	1,505,779	1,123,158	410,188
New residential buildings	73,201	63,556	24,721	625,901	458,577	112,935
1-family dwellings	61,656	56,010	22,328	306,186	260,880	85,742
2-family dwellings	7,187	5,603	1,653	53,986	38,888	10,098
1-family and 2-family dwellings with stores	874	541	239	6,986	3,953	1,466
Multifamily dwellings	3,019	2,177	432	193,174	132,933	13,042
Multifamily dwellings with stores	205	99	33	12,250	9,453	572
Hotels	79	20	6	24,778	2,305	205
Lodging houses	11	10	12	219	336	132
Other	170	91	18	28,323	9,830	1,678
New nonresidential buildings	136,940	110,906	67,180	879,878	664,581	297,253
Amusement buildings	1,450	551	375	43,375	24,080	12,715
Churches	698	498	266	29,575	19,100	9,064
Factories and workshops	2,670	1,552	818	109,491	49,275	17,577
Public garages	1,948	1,092	357	26,828	11,127	2,048
Private garages	97,458	81,442	44,441	33,723	24,097	10,660
Service stations	5,778	3,905	3,252	21,809	10,551	6,738
Institutions	272	247	117	58,258	58,426	16,806
Office buildings	703	286	135	160,741	107,293	10,316
Public buildings	434	409	227	85,821	129,384	106,788
Public works and utilities	603	493	314	45,237	44,232	25,651
Schools and libraries	754	575	206	126,908	113,697	43,893
Sheds	10,725	9,704	10,240	3,865	2,906	2,533
Stables and barns	267	268	282	435	488	325
Stores and warehouses	8,916	7,170	4,748	127,832	67,108	26,034
All other	4,255	2,714	1,402	5,914	2,817	5,505
Additions, alterations, and repairs	257,289	240,124	199,012	260,365	202,848	110,314

Source: Bureau of Labor Statistics, Department of Labor.

No. 777.—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	60.5	49.0	76.2	168.3	92.2	110.4	85.4	------	------	------
1918	94.5	80.4	65.1	89.8	136.1	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	99.4	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	90.2	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	85.0	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

[1] Beginning 1926 the indexes, except for Portland cement and structural steel, have been revised to include additional items not previously included; the "All building materials" index also includes plumbing and heating equipment (not shown separately in this table) for which data are not available prior to 1926.
[2] Excludes tile prior to 1926. [3] Composite price. [4] Pittsburgh district. [5] Excludes paint prior to 1926.
[6] Based upon the cost of lumber, steel, cement, and the rates paid common labor.
[7] Average of March, June, September, and December.

Sources: Wholesale prices, Department of Labor; Construction costs, Engineering News-Record; Standard factory building costs, Aberthaw Construction Co.; Retail prices of frame and brick house building materials in 60 cities, Department of Commerce.

No. 778.—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, 260, 267	4, 911, 766	1, 338, 501	1, 455, 494	1, 467, 542	2, 055, 595	826, 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, 135	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	225	30, 675	25, 317	5, 358	5, 335	8, 566	9, 958	4, 997
Connecticut	804	109, 110	87, 343	21, 767	20, 326	31, 111	35, 083	17, 230
Middle Atlantic	8, 548	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, 726	202, 122
Ohio	2, 043	400, 298	317, 307	82, 991	89, 779	90, 595	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, 437	151, 494	186, 280	72, 344
Michigan	1, 501	329, 380	242, 419	86, 961	76, 387	73, 578	115, 431	30, 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, 882
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, 690	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, 739	3, 797	8, 161	3, 947
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	184, 952	130, 341	54, 611	27, 852	35, 474	82, 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, 307
Alabama	197	45, 859	40, 639	5, 220	7, 018	9, 813	19, 380	8, 934
Mississippi	95	12, 948	10, 953	1, 995	2, 075	2, 918	5, 177	2, 862
West South Central	1, 809	307, 705	259, 633	48, 071	50, 855	69, 828	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, 986	13, 028	22, 225	8, 976
Texas	1, 001	199, 442	166, 289	33, 153	34, 060	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	802
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. 779.—VALUE OF BUSINESS AND PRINCIPAL EXPENDITURES OF CONSTRUCTION ESTABLISHMENTS WHICH DID A BUSINESS OF OVER $25,000 DURING 1929: BY CLASS OF ESTABLISHMENTS, CONTINENTAL UNITED STATES

[All money figures in thousands of dollars]

Classification of establishment	Number of establishments	Value of construction business			Principal expenditures			Projected average number of workmen employed throughout the year [1]
		Total	Under general contract or directly for owner	Under subcontract	Subcontract work let	Wages paid	Cost of materials	
All classes	30,597	6,350,267	4,911,766	1,338,501	1,455,494	1,467,542	2,055,595	828,772
Operative builders	750	153,524	153,519	5	103,142	13,146	22,602	7,418
General contractors	14,766	4,217,367	4,171,886	45,480	1,290,878	914,112	1,188,687	585,179
Building	10,131	2,622,047	2,611,366	10,681	1,124,702	502,676	652,167	286,962
Building not specialized	7,062	2,149,941	2,139,919	10,022	919,417	424,776	527,438	245,043
Commercial only	539	132,627	132,473	154	67,126	23,702	25,284	11,777
Manufacturing only	75	93,828	93,815	13	32,185	12,463	34,580	7,805
Residential only	2,455	245,651	245,159	492	105,974	41,736	64,865	22,277
Highway	1,514	443,004	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	42,773
Sewer, gas, water, conduit	494	116,153	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	1,307
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	266,175
Carpentering and wood flooring	382	36,611	10,359	26,252	2,600	11,160	14,829	4,898
Concreting	477	66,312	13,716	52,596	2,468	23,740	23,117	13,766
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	5,553	611,886	237,782	374,104	18,298	148,602	319,128	72,246
Heating and piping	1,423	221,996	93,087	128,909	11,291	48,616	116,004	23,761
Plumbing	2,808	256,834	80,209	176,625	4,332	66,393	135,603	31,444
Plumbing and heating combined	1,218	93,738	44,937	48,801	1,947	22,922	48,754	11,827
Miscellaneous	134	39,319	19,549	19,770	728	10,672	18,767	5,214
Masonry	673	85,023	24,508	60,515	2,634	32,749	34,191	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	9,685	4,160
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	2,068	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	294	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 778.

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	25.80
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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